

Relation between causal agents and code no. 03 crash as type of Fatal and non-fatal accidents in 1999-2021

| L | M | S | causal agent | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | total |
|---|----|-----|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | | 111 | engine | | 4 | 2 | | 2 | | 2 | 1 | 2 | 2 | | 3 | | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | | 1 | 29 |
| | 11 | | engine | 3 | 4 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 2 | | 3 | | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | | 1 | 34 |
| | | 121 | power transmission mechanism | | 6 | 12 | | 2 | | 4 | 3 | 5 | 2 | 2 | | 2 | 1 | 2 | 2 | | | 1 | 4 | 1 | | 1 | 50 |
| | 12 | | power transmission mechanism | 7 | 6 | 12 | 6 | 2 | 3 | 4 | 3 | 5 | 2 | 2 | | 2 | 1 | 2 | 2 | | | 1 | 4 | 1 | | 1 | 66 |
| | | 131 | circular sawing machine | | 11 | 7 | | 1 | | 7 | 10 | 5 | 5 | 5 | 4 | 6 | 4 | 4 | 7 | 3 | 2 | 2 | 5 | 3 | 5 | 2 | 98 |
| | | 132 | band sawing machine | | 1 | 2 | | 1 | | 2 | 4 | | | 1 | 1 | 1 | 2 | | 1 | | | 2 | | 1 | | 1 | 20 |
| | | 133 | wood planer machine | | 4 | 1 | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | | 1 | 1 | | | 1 | | 19 |
| | | 134 | hollow chisel mortiser, wood borer | | | 4 | | 1 | | 2 | 1 | | | 1 | | | | | | | | | | | | | 9 |
| | | 135 | chamfering machine, router, woodworking milling machine | | 2 | 1 | | 1 | | | | | | | 2 | | | | | | | | | | | 1 | 7 |
| | | 136 | chain saw | | 1 | 2 | | 2 | | 2 | 3 | 3 | 1 | | 6 | 2 | 1 | 3 | | | | 2 | | 3 | 1 | 4 | 36 |
| | | 139 | other woodworking machines | | 20 | 10 | | 14 | | 6 | 8 | 12 | 16 | 7 | 5 | 4 | 5 | 6 | 7 | 6 | 8 | 2 | 10 | 10 | 5 | 5 | 166 |
| | 13 | | woodworking machine | 49 | 39 | 27 | 37 | 20 | 25 | 19 | 27 | 21 | 23 | 15 | 19 | 14 | 14 | 15 | 16 | 9 | 11 | 9 | 15 | 17 | 12 | 13 | 466 |
| | | 141 | leveling, transporting or loading machine | | 31 | 41 | | 27 | | 29 | 21 | 17 | 18 | 21 | 28 | 21 | 22 | 33 | 23 | 30 | 24 | 18 | 27 | 16 | 25 | 21 | 493 |
| | | 142 | excavating machine | | 65 | 64 | | 37 | | 56 | 43 | 44 | 34 | 34 | 34 | 42 | 36 | 38 | 36 | 31 | 36 | 35 | 27 | 23 | 40 | 32 | 787 |
| | | 143 | foundation work machine | | 6 | 1 | | 2 | | 2 | 1 | 3 | 2 | 2 | 1 | 1 | 2 | 2 | 3 | | | 3 | | 2 | 1 | 2 | 36 |
| | | 144 | hardening machine | | 5 | 10 | | 6 | | 4 | 5 | 2 | 3 | 1 | 2 | 2 | 3 | 1 | 1 | 2 | 2 | 2 | 4 | 1 | | 4 | 60 |
| | | 145 | demolition machine | | 11 | 3 | | 9 | | 9 | 2 | 6 | 5 | 3 | 4 | 5 | 1 | 5 | 6 | 4 | 9 | 7 | 7 | 6 | 8 | 9 | 119 |
| | | 146 | vehicle for high lift work | | 8 | 7 | | 10 | | 3 | 6 | 11 | 12 | 7 | 6 | 7 | 8 | 5 | 7 | 7 | 13 | 6 | 7 | 10 | 8 | 8 | 156 |
| | | 149 | other construction machines | | 25 | 18 | | 19 | | 15 | 18 | 12 | 12 | 9 | 22 | 11 | 14 | 13 | 13 | 6 | 16 | 10 | 12 | 11 | 5 | 11 | 272 |
| | 14 | | construction machine | 153 | 151 | 144 | 125 | 110 | 126 | 118 | 96 | 95 | 86 | 77 | 97 | 89 | 86 | 97 | 89 | 80 | 100 | 81 | 84 | 69 | 87 | 87 | 2,327 |
| | | 151 | lathe | | 8 | 9 | | 14 | | 13 | 8 | 10 | 8 | 7 | 9 | 10 | 16 | 6 | 7 | 11 | 11 | 13 | 4 | 6 | 2 | 9 | 181 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----|-----|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|--|
| | | 152 | drill press, milling machine | | 10 | 6 | | 14 | | 6 | 9 | 9 | 7 | 1 | 3 | 1 | 2 | 7 | 1 | 3 | 2 | 2 | 3 | 6 | 8 | 3 | 103 | |
| | | 153 | grinding machine, buffing machine | | 8 | 6 | | 6 | | 4 | 7 | 12 | 15 | 3 | 4 | 6 | 2 | 3 | 10 | 8 | 5 | 12 | 8 | 8 | 3 | 4 | 134 | |
| | | 154 | power press | | 11 | 2 | | 11 | | 4 | 2 | 7 | 2 | 1 | 1 | 2 | 2 | 5 | 6 | 6 | 4 | 5 | 3 | 2 | 4 | 7 | 87 | |
| | | 155 | forging pressure hammer | | | 2 | | 1 | | | | | | | | | 2 | | 1 | | | | | | | 2 | 8 | |
| | | 156 | shearing machine | | 2 | 3 | | | | 1 | | | 1 | | 1 | | 1 | 3 | | | 1 | 1 | 1 | | | | 15 | |
| | | 159 | other metal manufacturing machines | | 25 | 23 | | 24 | | 18 | 19 | 22 | 10 | 10 | 13 | 16 | 15 | 9 | 18 | 13 | 5 | 8 | 12 | 16 | 9 | 12 | 297 | |
| | 15 | | metal manufacturing machine | 74 | 64 | 51 | 47 | 70 | 52 | 46 | 45 | 60 | 43 | 22 | 31 | 35 | 38 | 35 | 42 | 42 | 28 | 41 | 31 | 38 | 26 | 37 | 998 | |
| | | 161 | centrifugal machine | | 1 | 1 | | | | 2 | | 3 | 2 | | | | 1 | | 2 | | | | 1 | | | | 13 | |
| | | 162 | mixer, grinder | | 2 | 6 | | 6 | | 9 | 4 | 8 | 5 | | 5 | 5 | 3 | 3 | 8 | 2 | 3 | 2 | 9 | 6 | 8 | 7 | 101 | |
| | | 163 | roll machine (except printing roll machine) | | 3 | 2 | | 3 | | 11 | 2 | 9 | 2 | 2 | | 1 | 2 | 5 | 1 | 1 | | 2 | 2 | 2 | 6 | 1 | 57 | |
| | | 164 | injection molding machine | | 5 | 5 | | 3 | | 4 | 2 | 8 | 2 | 5 | 3 | 3 | 5 | 2 | 3 | 4 | 4 | 1 | 3 | 1 | | 5 | 68 | |
| | | 165 | food manufacturing machine | | 23 | 22 | | 23 | | 20 | 12 | 22 | 31 | 21 | 24 | 17 | 25 | 26 | 19 | 19 | 30 | 20 | 16 | 27 | 19 | 31 | 447 | |
| | | 166 | printing machine | | 12 | 9 | | 11 | | 6 | 8 | 8 | 5 | 10 | 5 | 5 | 4 | 1 | 5 | 2 | 7 | 2 | 6 | 5 | 3 | 5 | 119 | |
| | | 167 | industrial robot | | | | | 1 | | | 1 | 4 | | | 1 | 2 | | 1 | 1 | | 2 | 1 | | 1 | | 1 | 16 | |
| | | 169 | other general power machines | | 135 | 106 | | 109 | | 106 | 111 | 105 | 102 | 85 | 78 | 72 | 63 | 81 | 77 | 101 | 101 | 90 | 93 | 101 | 94 | 96 | 1,906 | |
| | 16 | | general machine | 159 | 181 | 151 | 153 | 156 | 171 | 158 | 140 | 167 | 149 | 123 | 116 | 105 | 103 | 119 | 116 | 129 | 147 | 118 | 130 | 143 | 130 | 146 | 3,210 | |
| | | 171 | felling machine | | | | | | | | | | | | | | | | | 1 | 1 | 1 | | 3 | 4 | 3 | 13 | |
| | | 172 | mobile logging machine | | | | | | | | | | | | | | | | | 1 | 2 | | | 1 | 1 | | 5 | |
| | | 173 | skyline yarding machine | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 179 | other mobile silviculture machine | | | | | | | | | | | | | | | | | | | | 1 | | 1 | | 2 | |
| | 17 | | mobile silviculture machine | | | | | | | | | | | | | | | | | 2 | 3 | 1 | 1 | 4 | 6 | 3 | 20 | |
| 1 | | | machine | 445 | 445 | 387 | | 360 | | 347 | 312 | 350 | 305 | 239 | 266 | 245 | 244 | 269 | 266 | 264 | 290 | 252 | 266 | 273 | 261 | 288 | 6,374 | |
| | | 211 | crane | | 27 | 39 | | 26 | | 36 | 32 | 28 | 27 | 20 | 16 | 27 | 19 | 24 | 13 | 22 | 15 | 13 | 20 | 18 | 13 | 15 | 450 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----|--------------------------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| | | 212 | mobile crane | | 41 | 38 | | 33 | | 39 | 32 | 47 | 35 | 29 | 34 | 24 | 24 | 28 | 38 | 35 | 26 | 29 | 23 | 28 | 23 | 19 | 625 |
| | | 213 | derrick crane | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 214 | elevator, lift | | 5 | 11 | | 9 | | 8 | 13 | 13 | 10 | 10 | 3 | 10 | 9 | 10 | 10 | 10 | 8 | 13 | 8 | 13 | 10 | 14 | 197 |
| | | 215 | cargo lifting appliance | | 1 | | | | | | | 2 | | | | | | | | | | 2 | | 2 | | 1 | 8 |
| | | 216 | gondola | | | | | | | | | | 3 | | | 2 | 1 | | | | | | 1 | | | | 7 |
| | | 217 | lumberyard equipment, logging cableway | | 1 | 2 | | 1 | | 1 | | | 3 | 1 | 1 | | 1 | | 1 | | 1 | | | | | | 13 |
| | | 218 | simple skyline yarding equipment | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 219 | other powered crane | | 3 | 3 | | 10 | | 4 | 5 | 5 | 3 | 5 | 4 | 8 | 2 | 2 | 4 | 1 | 1 | | 7 | 4 | 5 | 3 | 79 |
| | 21 | crane | | 104 | 78 | 93 | 99 | 79 | 73 | 88 | 82 | 95 | 81 | 65 | 58 | 71 | 56 | 64 | 66 | 68 | 51 | 57 | 59 | 65 | 51 | 52 | 1,655 |
| | | 221 | truck | | 1,028 | 917 | | 876 | | 789 | 836 | 803 | 703 | 652 | 651 | 643 | 644 | 682 | 638 | 682 | 627 | 650 | 657 | 639 | 653 | 690 | 14,460 |
| | | 222 | forklift | | 205 | 202 | | 222 | | 203 | 249 | 202 | 164 | 172 | 150 | 149 | 152 | 160 | 139 | 141 | 147 | 152 | 182 | 186 | 170 | 141 | 3,488 |
| | | 223 | railway equipment | | 1 | 3 | | 2 | | 1 | | 3 | 2 | | 1 | 5 | 3 | | 4 | 1 | 1 | 3 | 1 | 4 | | 3 | 38 |
| | | 224 | conveyor | | 43 | 48 | | 54 | | 56 | 42 | 57 | 60 | 43 | 44 | 49 | 44 | 50 | 41 | 44 | 53 | 48 | 57 | 57 | 63 | 60 | 1,013 |
| | | 225 | loader | | 5 | 6 | | 5 | | 5 | 6 | 1 | 9 | 5 | 1 | 9 | 4 | 2 | 6 | 11 | 8 | 7 | 3 | 7 | 1 | 7 | 108 |
| | | 226 | straddle carrier | | 1 | | | | | 1 | | 1 | | | | | | 1 | | | 1 | | | 1 | | | 6 |
| | | 227 | rough terrain hauler | | 6 | 3 | | 3 | | | 3 | | | 4 | 1 | 3 | 4 | 2 | 4 | | | 6 | 2 | 4 | 2 | 3 | 50 |
| | | 229 | other powered conveying machines | | 50 | 40 | | 45 | | 50 | 40 | 39 | 40 | 36 | 37 | 36 | 38 | 32 | 37 | 41 | 41 | 47 | 30 | 26 | 34 | 44 | 783 |
| | 22 | conveying machine | | 1,342 | 1,339 | 1,219 | 1,163 | 1,207 | 1,125 | 1,104 | 1,177 | 1,105 | 979 | 912 | 885 | 894 | 889 | 928 | 870 | 920 | 877 | 914 | 932 | 923 | 924 | 948 | 23,576 |
| | | 231 | cars, bus, motorcycle | | 212 | 213 | | 210 | | 263 | 230 | 266 | 257 | 210 | 250 | 211 | 234 | 210 | 194 | 199 | 215 | 256 | 251 | 238 | 211 | 258 | 4,588 |
| | | 232 | railway vehicle | | 7 | 6 | | 6 | | 5 | 7 | 5 | 9 | 3 | 7 | 8 | 7 | 13 | 7 | 1 | 12 | 9 | 6 | 8 | 6 | 14 | 146 |
| | | 239 | other vehicles | | 98 | 79 | | 82 | | 71 | 75 | 88 | 64 | 55 | 67 | 54 | 61 | 62 | 52 | 52 | 53 | 48 | 49 | 52 | 40 | 59 | 1,261 |
| | 23 | vehicle | | 311 | 317 | 298 | 275 | 298 | 308 | 339 | 312 | 359 | 330 | 268 | 324 | 273 | 302 | 285 | 253 | 252 | 280 | 313 | 306 | 298 | 257 | 331 | 6,889 |
| 2 | | crane, conveying machine | | 1,757 | 1,734 | 1,610 | 1,537 | 1,584 | 1,506 | 1,531 | 1,571 | 1,559 | 1,390 | 1,245 | 1,267 | 1,238 | 1,247 | 1,277 | 1,189 | 1,240 | 1,208 | 1,284 | 1,297 | 1,286 | 1,232 | 1,331 | 32,120 |
| | | 311 | boiler | | 3 | | | 1 | | | 1 | 2 | | 1 | 2 | | 1 | | 1 | | 2 | | 1 | 1 | | | 16 |
| | | 312 | pressure vessel | | 2 | 1 | | 5 | | 2 | 1 | | 1 | 2 | 1 | | 4 | 1 | | 1 | 1 | | 1 | | 2 | | 25 |
| | | 319 | other pressure vessels | | 2 | 1 | | 1 | | 2 | 1 | 3 | 2 | | | 2 | 1 | | 3 | | 2 | 2 | 1 | | | 1 | 24 |
| | 31 | pressure vessel | | 4 | 7 | 2 | 3 | 7 | 2 | 4 | 3 | 5 | 3 | 3 | 3 | 2 | 6 | 1 | 4 | 1 | 5 | 2 | 3 | 1 | 2 | 1 | 74 |
| | | 321 | chemical facilities | | 1 | | | 3 | | 2 | 2 | 1 | 3 | 1 | 2 | 2 | 1 | 1 | | | 1 | 1 | 1 | 2 | | 4 | 28 |
| | 32 | chemical facilities | | 2 | 1 | | 2 | 3 | 3 | 2 | 2 | 1 | 3 | 1 | 2 | 2 | 1 | 1 | | | 1 | 1 | 1 | 2 | | 4 | 35 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----|-----|-------------------------------|-------|-------|-------|-----|-------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| | | 331 | gas welding equipment | | | | | | | | 2 | | 1 | 1 | | | 1 | 1 | | | 1 | 1 | 1 | | | 9 | |
| | | 332 | arc welding equipment | | 5 | 1 | | 2 | | 1 | | 3 | | | 3 | 1 | 2 | | 1 | 1 | | 1 | 2 | 2 | | | 25 |
| | | 339 | other welding equipment | | 2 | | | 2 | | 2 | | 1 | 2 | 2 | | 1 | | | | 2 | | | 2 | 1 | | 1 | 18 |
| | 33 | | welding equipment | 3 | 7 | 1 | 3 | 4 | 1 | 3 | | 6 | 2 | 3 | 4 | 2 | 2 | 1 | 2 | 3 | | 2 | 5 | 4 | | 1 | 59 |
| | | 341 | kiln, caldron | | 8 | 4 | | 6 | | 4 | 1 | 5 | 2 | 5 | | 2 | 1 | 1 | 6 | 2 | 4 | 1 | | 3 | 4 | 2 | 61 |
| | | 342 | industrial dryer | | 2 | 2 | | 2 | | 1 | 1 | | | 2 | 1 | | 2 | 3 | 2 | 1 | 1 | 1 | 4 | | 1 | 5 | 31 |
| | | 349 | other kiln, caldron | | | 1 | | | | | | 1 | | | | | | | | | | | | | | | 2 |
| | 34 | | kiln, caldron | 6 | 10 | 7 | 3 | 8 | 11 | 5 | 2 | 6 | 2 | 7 | 1 | 2 | 3 | 4 | 8 | 3 | 5 | 2 | 4 | 3 | 5 | 7 | 114 |
| | | 351 | transmission | | 1 | 2 | | 3 | | 6 | 2 | 4 | 7 | 2 | 2 | 1 | 1 | 5 | 1 | 9 | 3 | 5 | 5 | 5 | 3 | 4 | 71 |
| | | 352 | electric power facilities | | 2 | 1 | | | | 1 | | 2 | 2 | 2 | 3 | 2 | 2 | 5 | 1 | | 4 | | 1 | 1 | 4 | 1 | 34 |
| | | 359 | other electrical equipment | | 11 | 5 | | 6 | | 8 | 8 | 4 | 5 | 1 | 2 | 9 | 1 | 3 | 9 | 2 | 6 | 6 | 11 | 2 | 17 | 9 | 125 |
| | 35 | | electric equipment | 12 | 14 | 8 | 9 | 9 | 10 | 15 | 10 | 10 | 14 | 5 | 7 | 12 | 4 | 13 | 11 | 11 | 13 | 11 | 17 | 8 | 24 | 14 | 261 |
| | | 361 | human power cranes | | 4 | | | 3 | | 4 | 3 | 3 | 2 | 3 | | | 3 | 2 | 2 | 5 | 5 | | 5 | 23 | 28 | 71 | 166 |
| | | 362 | human power hauling equipment | | 192 | 249 | | 223 | | 275 | 274 | 281 | 311 | 270 | 267 | 261 | 304 | 287 | 306 | 295 | 332 | 345 | 352 | 364 | 385 | 362 | 5,935 |
| | | 363 | human power machine | | 6 | 10 | | 3 | | 7 | 8 | 12 | 3 | 3 | 8 | 4 | 6 | 6 | 7 | 7 | 4 | | 2 | 5 | 3 | 6 | 110 |
| | | 364 | hand tool | | 187 | 168 | | 127 | | 107 | 129 | 134 | 107 | 101 | 96 | 92 | 81 | 89 | 84 | 75 | 70 | 83 | 88 | 94 | 99 | 87 | 2,098 |
| | 36 | | human power machine, tools | 350 | 389 | 427 | 356 | 356 | 343 | 393 | 414 | 430 | 423 | 377 | 371 | 357 | 394 | 384 | 399 | 382 | 411 | 428 | 447 | 486 | 515 | 526 | 9,358 |
| | | 371 | ladder | | 254 | 221 | | 226 | | 206 | 215 | 217 | 209 | 163 | 199 | 172 | 189 | 216 | 193 | 197 | 159 | 170 | 192 | 197 | 241 | 201 | 4,037 |
| | | 372 | slinging tool | | 8 | 10 | | 7 | | 6 | 10 | 7 | 7 | 6 | 4 | 5 | 1 | 3 | 4 | 4 | 4 | 8 | 5 | 7 | 5 | 2 | 113 |
| | | 379 | other tools | | 245 | 251 | | 261 | | 272 | 306 | 296 | 338 | 269 | 273 | 294 | 288 | 306 | 314 | 354 | 351 | 426 | 412 | 426 | 395 | 450 | 6,527 |
| | 37 | | tools | 531 | 507 | 482 | 442 | 494 | 513 | 484 | 531 | 520 | 554 | 438 | 476 | 471 | 478 | 525 | 511 | 555 | 514 | 604 | 609 | 630 | 641 | 653 | 12,163 |
| | | 391 | other equipments, facilities | | 262 | 246 | | 241 | | 297 | 320 | 345 | 350 | 339 | 387 | 318 | 348 | 383 | 420 | 422 | 427 | 417 | 444 | 441 | 482 | 528 | 7,417 |
| | 39 | | other equipments, facilities | 237 | 262 | 246 | 245 | 241 | 251 | 297 | 320 | 345 | 350 | 339 | 387 | 318 | 348 | 383 | 420 | 422 | 427 | 417 | 444 | 441 | 482 | 528 | 8,150 |
| | 3 | | other equipment | 1,145 | 1,197 | 1,173 | | 1,122 | | 1,203 | 1,282 | 1,323 | 1,351 | 1,173 | 1,251 | 1,166 | 1,236 | 1,312 | 1,355 | 1,377 | 1,376 | 1,467 | 1,530 | 1,575 | 1,669 | 1,734 | 28,017 |
| | | 411 | scaffolding | | 126 | 120 | | 104 | | 83 | 94 | 100 | 86 | 62 | 64 | 67 | 60 | 82 | 84 | 61 | 69 | 50 | 46 | 68 | 48 | 68 | 1,542 |
| | | 412 | timbering | | 14 | 15 | | 14 | | 5 | 7 | 19 | 8 | 8 | 6 | 8 | 5 | 9 | 5 | 4 | 4 | 7 | 4 | 4 | 3 | 2 | 151 |
| | | 413 | stairs, landing stage | | 173 | 134 | | 152 | | 176 | 179 | 216 | 196 | 199 | 169 | 195 | 204 | 235 | 222 | 221 | 252 | 296 | 332 | 319 | 359 | 382 | 4,611 |
| | | 414 | opening | | 15 | 20 | | 19 | | 12 | 11 | 12 | 10 | 10 | 9 | 5 | 16 | 20 | 16 | 7 | 8 | 14 | 18 | 19 | 14 | 14 | 269 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----|-----|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| | | 415 | roof, beam, haze, crossbeam, principal rafter | | 51 | 56 | | 40 | | 50 | 50 | 40 | 36 | 29 | 34 | 36 | 43 | 32 | 22 | 32 | 20 | 21 | 18 | 17 | 23 | 27 | 677 |
| | | 416 | working platform, boot board | | 300 | 258 | | 254 | | 217 | 221 | 220 | 243 | 183 | 224 | 193 | 221 | 187 | 194 | 212 | 202 | 177 | 193 | 215 | 171 | 151 | 4,236 |
| | | 417 | passage | | 494 | 546 | | 450 | | 564 | 569 | 507 | 499 | 475 | 532 | 444 | 513 | 497 | 511 | 535 | 655 | 654 | 733 | 756 | 878 | 816 | 11,628 |
| | | 418 | building, establishment | | 596 | 554 | | 566 | | 543 | 579 | 569 | 523 | 573 | 589 | 585 | 497 | 471 | 522 | 516 | 490 | 555 | 577 | 540 | 557 | 590 | 10,992 |
| | | 419 | other temporary buildings, establishments | | 281 | 349 | | 352 | | 404 | 370 | 398 | 349 | 312 | 401 | 313 | 326 | 333 | 368 | 380 | 418 | 346 | 379 | 488 | 467 | 438 | 7,472 |
| | 41 | | temporary buildings, establishments | 1,984 | 2,050 | 2,052 | 1,855 | 1,951 | 1,980 | 2,054 | 2,080 | 2,081 | 1,950 | 1,851 | 2,028 | 1,846 | 1,885 | 1,866 | 1,944 | 1,968 | 2,118 | 2,120 | 2,300 | 2,426 | 2,520 | 2,488 | 47,397 |
| | 4 | | temporary buildings, establishments | 1,984 | 2,050 | 2,052 | 1,855 | 1,951 | 1,980 | 2,054 | 2,080 | 2,081 | 1,950 | 1,851 | 2,028 | 1,846 | 1,885 | 1,866 | 1,944 | 1,968 | 2,118 | 2,120 | 2,300 | 2,426 | 2,520 | 2,488 | 47,397 |
| | | 511 | explosive substance | | | | | 1 | | | 1 | | | | | | | 1 | | | | 1 | | | | 2 | 6 |
| | | 512 | inflammable substance | | | | | | | | | | | | | | 1 | | | 1 | | | | | | | 2 |
| | | 513 | inflammable gas | | | | | | | | 2 | | | | | | | | | | | | | | | | 2 |
| | | 514 | harmful substance | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 515 | radiation | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 519 | other hazards, harmful substances | | 1 | 3 | | | | 1 | | | | | | 2 | 1 | | 1 | | 1 | 2 | | | | 1 | 13 |
| | 51 | | hazards, harmful substances | | 1 | 3 | 2 | 1 | | 1 | 1 | 2 | | | | 2 | 2 | 1 | 1 | 1 | 1 | 3 | | | | 3 | 25 |
| | | 521 | metal material | | 303 | 302 | | 242 | | 246 | 245 | 252 | 214 | 146 | 170 | 182 | 168 | 162 | 175 | 139 | 150 | 167 | 165 | 158 | 137 | 141 | 3,864 |
| | | 522 | lumber, bamboo | | 140 | 112 | | 104 | | 106 | 103 | 97 | 72 | 52 | 51 | 67 | 67 | 76 | 75 | 54 | 52 | 60 | 50 | 53 | 76 | 59 | 1,526 |
| | | 523 | stone, sand, substance | | 35 | 34 | | 21 | | 24 | 28 | 27 | 25 | 16 | 18 | 20 | 22 | 15 | 22 | 15 | 13 | 18 | 14 | 16 | 10 | 12 | 405 |
| | | 529 | other materials | | 67 | 67 | | 55 | | 71 | 67 | 56 | 64 | 39 | 59 | 56 | 29 | 39 | 48 | 45 | 37 | 61 | 37 | 39 | 56 | 36 | 1,028 |
| | 52 | | materials | 581 | 545 | 515 | 440 | 422 | 417 | 447 | 443 | 432 | 375 | 253 | 298 | 325 | 286 | 292 | 320 | 253 | 252 | 306 | 266 | 266 | 279 | 248 | 8,261 |
| | 5 | | substance, material | 581 | 546 | 518 | 442 | 423 | 417 | 448 | 444 | 434 | 375 | 253 | 298 | 327 | 288 | 293 | 321 | 254 | 253 | 309 | 266 | 266 | 279 | 251 | 8,286 |
| | | 611 | load | | 299 | 289 | | 290 | | 295 | 263 | 292 | 269 | 226 | 243 | 247 | 248 | 229 | 230 | 220 | 271 | 294 | 271 | 259 | 318 | 319 | 5,372 |
| | | 612 | machine/equipment as load | | 32 | 35 | | 25 | | 17 | 9 | 14 | 20 | 14 | 20 | 17 | 14 | 24 | 8 | 12 | 11 | 6 | 12 | 18 | 15 | 18 | 341 |
| | 61 | | load | 294 | 331 | 324 | 273 | 315 | 271 | 312 | 272 | 306 | 289 | 240 | 263 | 264 | 262 | 253 | 238 | 232 | 282 | 300 | 283 | 277 | 333 | 337 | 6,551 |
| | 6 | | load | 294 | 331 | 324 | 273 | 315 | 273 | 312 | 272 | 306 | 289 | 240 | 263 | 264 | 262 | 253 | 238 | 232 | 282 | 300 | 283 | 277 | 333 | 337 | 6,553 |
| | | 711 | natural ground, rock | | 56 | 55 | | 46 | | 56 | 49 | 59 | 36 | 42 | 36 | 38 | 35 | 41 | 36 | 24 | 37 | 43 | 42 | 46 | 40 | 25 | 842 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----|-----|-----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| | | 712 | standing tree | | 59 | 55 | | 50 | | 43 | 46 | 40 | 35 | 47 | 34 | 49 | 36 | 37 | 35 | 29 | 31 | 37 | 47 | 39 | 37 | 37 | 823 |
| | | 713 | water | | 2 | 4 | | 3 | | 3 | 2 | 1 | 4 | 3 | 2 | 1 | 4 | 4 | 3 | 2 | 2 | 3 | 4 | 2 | 4 | 2 | 55 |
| | | 714 | abnormal environment | | 1 | | | | | | | | | | | 1 | | 1 | | | 3 | 2 | 4 | 2 | | | 14 |
| | | 715 | high/cold temperature environment | | | 1 | | | | 1 | 3 | | | 1 | | | 3 | | | 2 | | | 4 | | 2 | 1 | 18 |
| | | 719 | other environments | | 67 | 63 | | 47 | | 54 | 62 | 57 | 75 | 56 | 54 | 72 | 72 | 58 | 80 | 51 | 62 | 65 | 77 | 80 | 68 | 72 | 1,292 |
| | 71 | | natural environment | 204 | 185 | 178 | 188 | 146 | 168 | 157 | 162 | 157 | 150 | 149 | 126 | 161 | 150 | 141 | 154 | 108 | 135 | 150 | 178 | 169 | 151 | 137 | 3,604 |
| | 7 | | environment | 204 | 185 | 178 | 188 | 146 | 188 | 157 | 162 | 157 | 150 | 149 | 126 | 161 | 150 | 141 | 154 | 108 | 135 | 150 | 178 | 169 | 151 | 137 | 3,624 |
| | | 911 | other causal agent | | 148 | 112 | | 111 | | 87 | 102 | 86 | 102 | 106 | 83 | 86 | 106 | 103 | 127 | 120 | 100 | 126 | 92 | 125 | 96 | 121 | 2,139 |
| | 91 | | other causal agent | 143 | 148 | 112 | 83 | 111 | 124 | 87 | 102 | 86 | 102 | 106 | 83 | 86 | 106 | 103 | 127 | 120 | 100 | 126 | 92 | 125 | 96 | 121 | 2,489 |
| | | 921 | no causal agent | | 75 | 93 | | 79 | | 59 | 82 | 69 | 88 | 77 | 82 | 63 | 75 | 73 | 67 | 93 | 90 | 95 | 131 | 133 | 124 | 143 | 1,791 |
| | 92 | | no causal agent | 61 | 75 | 93 | 77 | 79 | 52 | 59 | 82 | 69 | 88 | 77 | 82 | 63 | 75 | 73 | 67 | 93 | 90 | 95 | 131 | 133 | 124 | 143 | 1,981 |
| | | 999 | unclassifiable | | 12 | 9 | | 17 | | 17 | 9 | 7 | 19 | 9 | 10 | 10 | 6 | 9 | 6 | 3 | 9 | 8 | 11 | 4 | 4 | 8 | 187 |
| | 99 | | unclassifiable | 11 | 12 | 9 | 11 | 17 | 8 | 17 | 9 | 7 | 19 | 9 | 10 | 10 | 6 | 9 | 6 | 3 | 9 | 8 | 11 | 4 | 4 | 8 | 217 |
| | 9 | | others | 215 | 235 | 214 | 171 | 207 | 184 | 163 | 193 | 162 | 209 | 192 | 175 | 159 | 187 | 185 | 200 | 216 | 199 | 229 | 234 | 262 | 224 | 272 | 4,687 |
| | 0 | | total | 6,625 | 6,723 | 6,456 | 5,898 | 6,108 | 6,038 | 6,215 | 6,316 | 6,372 | 6,019 | 5,342 | 5,674 | 5,406 | 5,499 | 5,596 | 5,667 | 5,659 | 5,861 | 6,111 | 6,354 | 6,534 | 6,669 | 6,838 | 139,980 |

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/2021enftcs.html>