Industrial accidents in lumbering in Japan in 1999-2020

lumbering industry Code No.060201

Type of accidents in lumbering 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 | 177 | 161 | 141 | 135 | 150 | 122 | 121 | 130 | 134 | 125 | 119 | 107 | 105 | 111 | 101 | 93 | 112 | 96 | 87 | 109 | 80 | 69 |
| falling to same level | 278 | 258 | 234 | 186 | 234 | 192 | 180 | 167 | 137 | 152 | 138 | 154 | 145 | 134 | 114 | 112 | 125 | 110 | 84 | 102 | 88 | 83 |
| crash | 53 | 44 | 44 | 39 | 41 | 37 | 40 | 24 | 26 | 26 | 22 | 23 | 26 | 21 | 27 | 23 | 20 | 22 | 25 | 26 | 26 | 23 |
| struck by flying or falling object | 290 | 277 | 284 | 270 | 234 | 279 | 220 | 217 | 219 | 188 | 227 | 200 | 199 | 188 | 181 | 175 | 160 | 177 | 137 | 145 | 118 | 118 |
| collapse | 80 | 77 | 60 | 71 | 75 | 69 | 60 | 51 | 55 | 53 | 54 | 70 | 46 | 40 | 43 | 38 | 49 | 59 | 37 | 33 | 31 | 23 |
| crashed by | 401 | 365 | 363 | 362 | 314 | 320 | 341 | 356 | 328 | 312 | 286 | 357 | 327 | 287 | 238 | 261 | 249 | 251 | 214 | 211 | 229 | 229 |
| caught in/between | 132 | 114 | 107 | 75 | 87 | 90 | 78 | 78 | 70 | 69 | 59 | 74 | 75 | 66 | 76 | 50 | 53 | 60 | 44 | 62 | 40 | 47 |
| cut | 471 | 475 | 394 | 381 | 428 | 398 | 352 | 336 | 378 | 393 | 337 | 339 | 352 | 267 | 240 | 242 | 227 | 202 | 183 | 154 | 155 | 147 |
| injury to the sole of the foot | 4 | 6 | 1 | 1 | 5 | 5 | 3 | 0 | 2 | 3 | 2 | 8 | 1 | 4 | 3 | 0 | 4 | 2 | 3 | 0 | 7 | 6 |
| drown | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| contact to high/low-temperature | 4 | 6 | 2 | 3 | 4 | 4 | 0 | 1 | 3 | 10 | 4 | 4 | 3 | 6 | 4 | 7 | 7 | 10 | 2 | 4 | 7 | 6 |
| contact to harmful substance | 0 | 0 | 1 | - | 1 | 1 | 3 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 2 | 0 | 1 | 0 | 3 |
| electric shock | 1 | 0 | 1 | - | 1 | - | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| explosion | 1 | 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 |
| fire | 0 | 1 | 1 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 |
| traffic accident (public road) | 11 | 11 | 1 | 11 | 12 | 15 | 5 | 6 | 13 | 5 | 9 | 7 | 9 | 15 | 4 | 5 | 7 | 5 | 4 | 6 | 5 | 12 |
| traffic accident (others) | 1 | 1 | 0 | - | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| reaction to motion/improper motion | 57 | 44 | 45 | 40 | 38 | 44 | 33 | 27 | 41 | 45 | 34 | 35 | 33 | 30 | 43 | 29 | 29 | 38 | 27 | 28 | 21 | 37 |
| others | 10 | 26 | 17 | 13 | 14 | 12 | 8 | 10 | 9 | 13 | 17 | 14 | 15 | 10 | 13 | 10 | 9 | 10 | 8 | 17 | 8 | 21 |
| unclassifiable | 3 | 3 | 4 | 1 | 3 | 1 | 2 | 1 | 0 | 2 | 0 | 2 | 2 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 1 | 0 |
| total | 1,974 | 1,869 | 1,700 | 1,589 | 1,641 | 1,590 | 1,449 | 1,405 | 1,416 | 1,398 | 1,309 | 1,395 | 1,340 | 1,179 | 1,088 | 1,046 | 1,054 | 1,049 | 857 | 898 | 816 | 824 |

Causal agents (middle) of industrial accidents in lumbering 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 | 1 | 1 | 0 | - | 0 | - | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| power transmission mechanism | 1 | 1 | 1 | - | 0 | - | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| woodworking machine | 397 | 392 | 324 | 315 | 351 | 347 | 323 | 299 | 344 | 340 | 297 | 308 | 305 | 251 | 221 | 223 | 214 | 186 | 152 | 142 | 144 | 130 |
| construction machine | 37 | 14 | 22 | 19 | 25 | 26 | 23 | 23 | 14 | 20 | 22 | 16 | 26 | 22 | 26 | 16 | 7 | 12 | 8 | 12 | 10 | 9 |
| metal manufacturing machine | 6 | 0 | 0 | 1 | 1 | - | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 |
| general machine | 57 | 55 | 57 | 64 | 65 | 48 | 43 | 44 | 49 | 45 | 37 | 41 | 45 | 35 | 31 | 35 | 22 | 28 | 25 | 26 | 26 | 27 |
| mobile silviculture machine | | | | | | | | | | | | | | | | | 54 | 62 | 43 | 47 | 42 | 64 |
| crane | 75 | 75 | 69 | 50 | 52 | 47 | 57 | 49 | 35 | 49 | 32 | 51 | 26 | 36 | 31 | 30 | 23 | 20 | 16 | 16 | 10 | 13 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| conveying machine | 75 | 69 | 45 | 58 | 55 | 61 | 50 | 58 | 64 | 53 | 51 | 35 | 46 | 58 | 48 | 50 | 28 | 33 | 27 | 36 | 19 | 14 |
| vehicle | 10 | 10 | 2 | 14 | 13 | 13 | 4 | 4 | 8 | 9 | 9 | 9 | 6 | 12 | 7 | 3 | 8 | 3 | 2 | 6 | 6 | 10 |
| pressure vessel | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| 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 | 0 | - | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| kiln, caldron | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| electric equipment | 1 | 0 | 0 | - | 1 | - | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| human power machine, tools | 81 | 78 | 72 | 51 | 69 | 46 | 39 | 30 | 29 | 30 | 29 | 30 | 39 | 26 | 18 | 11 | 15 | 19 | 12 | 13 | 9 | 14 |
| tools | 36 | 37 | 42 | 48 | 42 | 25 | 37 | 40 | 24 | 33 | 26 | 24 | 24 | 24 | 21 | 19 | 19 | 21 | 15 | 18 | 16 | 19 |
| other equipments, facilities | 1 | 2 | 5 | - | 0 | 1 | 1 | 1 | 4 | 4 | 1 | 2 | 0 | 0 | 1 | 1 | 1 | 2 | 0 | 2 | 1 | 0 |
| temporary buildings, establishments | 61 | 60 | 41 | 38 | 52 | 49 | 35 | 56 | 40 | 33 | 27 | 37 | 39 | 28 | 19 | 31 | 29 | 33 | 23 | 39 | 25 | 25 |
| hazards, harmful | | | | | | | | | | | | | | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| substances | 2 | 1 | 1 | 1 | 2 | - | 2 | 0 | 2 | 2 | 1 | 1 | 0 | 2 | 0 | 0 | 1 | 2 | 1 | 0 | 0 | 0 |
| materials | 184 | 149 | 133 | 136 | 97 | 121 | 130 | 112 | 116 | 80 | 71 | 89 | 86 | 68 | 88 | 70 | 59 | 68 | 40 | 64 | 47 | 56 |
| load | 10 | 4 | 2 | 7 | 5 | 4 | 4 | 4 | 3 | 4 | 3 | 5 | 3 | 6 | 6 | 4 | 2 | 3 | 1 | 8 | 2 | 2 |
| natural environment | 910 | 888 | 854 | 766 | 794 | 781 | 683 | 670 | 661 | 670 | 679 | 734 | 672 | 597 | 548 | 538 | 558 | 532 | 475 | 450 | 447 | 421 |
| other causal agent | 7 | 14 | 7 | 7 | 7 | 6 | 2 | 2 | 9 | 4 | 8 | 1 | 7 | 3 | 9 | 7 | 4 | 5 | 4 | 7 | 1 | 7 |
| no causal agent | 18 | 15 | 18 | 13 | 6 | 11 | 11 | 9 | 12 | 18 | 15 | 10 | 11 | 11 | 12 | 7 | 7 | 13 | 13 | 11 | 11 | 11 |
| unclassifiable | 4 | 4 | 5 | 1 | 4 | 4 | 3 | 2 | 0 | 1 | 0 | 1 | 3 | 0 | 1 | 0 | 1 | 3 | 0 | 0 | 0 | 0 |
| total | 1,974 | 1,869 | 1,700 | 1,589 | 1,641 | 1,590 | 1,449 | 1,405 | 1,416 | 1,398 | 1,309 | 1,395 | 1,340 | 1,179 | 1,088 | 1,046 | 1,054 | 1,049 | 857 | 898 | 816 | 824 |

Causal agents (small) of industrial accidents in lumbering in 1999-2020

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| engine | | | 0 | | 0 | | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| power transmission mechanism | | | 1 | | 0 | | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| circular sawing machine | | | 6 | | 2 | | 1 | 1 | 0 | 2 | 2 | 1 | 4 | 1 | 4 | 1 | 0 | 0 | 1 | 1 | 1 | 0 |
| band sawing | | | 0 | | 0 | | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| machine | | | | | | | | | | | | | | | | | | | | | | |
| wood planer machine | | | 0 | | 0 | | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| hollow chisel mortiser, wood borer | | | 1 | | 0 | | 1 | 0 | 1 | 0 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| chamfering machine, router, woodworking milling machine | | | 0 | | 0 | | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| chain saw | | | 276 | | 324 | | 301 | 273 | 317 | 308 | 275 | 282 | 277 | 228 | 207 | 209 | 205 | 172 | 143 | 133 | 135 | 123 |
| other woodworking machines | | | 41 | | 25 | | 20 | 23 | 26 | 29 | 17 | 24 | 23 | 22 | 9 | 13 | 8 | 14 | 7 | 6 | 7 | 7 |
| leveling, transporting or loading machine | | | 6 | | 9 | | 5 | 8 | 1 | 6 | 7 | 4 | 6 | 9 | 5 | 2 | 0 | 2 | 2 | 5 | 2 | 1 |
| excavating machine | | | 12 | | 10 | | 6 | 9 | 7 | 8 | 9 | 6 | 8 | 4 | 8 | 4 | 4 | 6 | 3 | 4 | 8 | 7 |
| foundation work machine | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| hardening machine | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| demolition machine | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 1 | 0 | 0 | 0 |

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| vehicle for high lift work | | | 0 | | 0 | | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| other construction machines | | | 4 | | 6 | | 11 | 5 | 5 | 6 | 6 | 6 | 12 | 9 | 11 | 9 | 2 | 2 | 2 | 3 | 0 | 1 |
| lathe | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| drill press, milling machine | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| grinding machine, buffing machine | | | 0 | | 0 | | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 |
| power press | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| forging pressure hammer | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| shearing machine | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| other metal manufacturing machines | | | 0 | | 1 | | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| centrifugal machine | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| mixer, grinder | | | 0 | | 0 | | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| roll machine (except printingroll machine) | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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| injection molding machine | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| food manufacturing machine | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| printing machine | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| industrial robot | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| other general power machines | | | 57 | | 65 | | 43 | 43 | 49 | 45 | 37 | 41 | 45 | 35 | 30 | 35 | 22 | 27 | 25 | 25 | 26 | 27 |
| felling machine | | | | | | | | | | | | | | | | | 26 | 35 | 24 | 18 | 19 | 40 |
| mobile logging machine | | | | | | | | | | | | | | | | | 20 | 14 | 12 | 19 | 13 | 12 |
| skyline yarding machine | | | | | | | | | | | | | | | | | 7 | 12 | 6 | 9 | 9 | 10 |
| other mobile silviculture machine | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 2 |
| crane | | | 1 | | 1 | | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| mobile crane | | | 11 | | 7 | | 7 | 10 | 8 | 7 | 3 | 9 | 4 | 5 | 7 | 3 | 3 | 2 | 8 | 2 | 3 | 2 |
| derrick crane | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| elevator, lift | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| cargo lifting | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| appliance | | | | | | | | | | | | | | | | | | | | | | |
| gondola | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| lumberyard equipment, logging cableway | | | 52 | | 38 | | 41 | 34 | 24 | 31 | 25 | 31 | 17 | 24 | 20 | 0 | 16 | 15 | 8 | 10 | 5 | 9 |
| simple skyline yarding equipment | | | | | | | | | | | | | | | | | 1 | 1 | 0 | 0 | 0 | 2 |
| other powered crane | | | 5 | | 6 | | 8 | 5 | 3 | 10 | 4 | 10 | 5 | 7 | 4 | 3 | 2 | 2 | 0 | 4 | 2 | 0 |
| truck | | | 20 | | 21 | | 22 | 24 | 33 | 21 | 20 | 12 | 17 | 24 | 15 | 20 | 19 | 19 | 21 | 21 | 12 | 13 |
| forklift | | | 0 | | 1 | | 1 | 1 | 1 | 1 | 2 | 1 | 0 | 1 | 1 | 0 | 0 | 2 | 0 | 1 | 0 | 0 |
| railway equipment | | | 0 | | 2 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| conveyor | | | 1 | | 0 | | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 1 | 2 | 1 | 1 | 1 | 0 |
| loader | | | 1 | | 0 | | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| straddle carrier | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| rough terrain hauler | | | 0 | | 3 | | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 3 | 2 | 1 | 2 | 1 | 1 | 1 | 2 | 1 |
| other powered conveying machines | | | 23 | | 28 | | 27 | 32 | 27 | 29 | 29 | 21 | 28 | 30 | 29 | 27 | 6 | 9 | 4 | 10 | 3 | 0 |
| cars, bus, motorcycle | | | 2 | | 13 | | 4 | 4 | 8 | 9 | 7 | 8 | 6 | 11 | 7 | 2 | 8 | 3 | 2 | 6 | 6 | 9 |
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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| railway vehicle | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| other vehicles | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| boiler | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| pressure vessel | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| other pressure vessels | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| chemical facilities | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| gas welding equipment | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| arc welding equipment | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| other welding equipment | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| kiln, caldron | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| industrial dryer | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| other kiln, caldron | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| transmission | | | 0 | | 1 | | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| electric power facilities | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| other electrical | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| equipment | | | | | | | | | | | | | | | | | | | | | | |
| human power cranes | | | 0 | | 1 | | 0 | 1 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 1 |
| human power hauling equipment | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| human power machine | | | 3 | | 0 | | 1 | 1 | 2 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 |
| hand tool | | | 69 | | 68 | | 38 | 28 | 27 | 29 | 27 | 28 | 37 | 26 | 18 | 11 | 14 | 17 | 9 | 11 | 9 | 13 |
| ladder | | | 12 | | 15 | | 11 | 16 | 6 | 13 | 12 | 9 | 10 | 15 | 8 | 4 | 7 | 8 | 6 | 12 | 4 | 2 |
| slinging tool | | | 4 | | 9 | | 5 | 6 | 3 | 5 | 6 | 2 | 2 | 4 | 1 | 3 | 3 | 2 | 2 | 1 | 1 | 3 |
| other tools | | | 26 | | 18 | | 21 | 18 | 15 | 15 | 8 | 13 | 12 | 5 | 12 | 12 | 9 | 11 | 7 | 5 | 11 | 14 |
| other equipment, facilities | | | 5 | | 0 | | 1 | 1 | 4 | 4 | 1 | 2 | 0 | 0 | 1 | 1 | 1 | 2 | 0 | 2 | 1 | 0 |
| scaffolding | | | 1 | | 0 | | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 2 | 2 | 1 |
| timbering | | | 1 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| stairs, landing stage | | | 2 | | 2 | | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| opening | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| roof, beam, haze, crossbeam, principal rafter | | | 1 | | 0 | | 1 | 3 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 2 | 2 | 1 | 0 | 0 | 0 |
| | | | | | | | | | | | | | | | | | | | | | | |

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| working platform, boot board | | | 15 | | 17 | | 5 | 17 | 12 | 12 | 9 | 12 | 10 | 6 | 8 | 13 | 7 | 3 | 1 | 13 | 10 | 6 |
| passage | | | 18 | | 26 | | 19 | 27 | 24 | 14 | 16 | 20 | 25 | 16 | 9 | 14 | 16 | 21 | 20 | 15 | 9 | 12 |
| building, establishment | | | 2 | | 3 | | 3 | 5 | 4 | 5 | 0 | 2 | 3 | 1 | 1 | 1 | 1 | 5 | 0 | 5 | 2 | 1 |
| other temporary buildings, establishments | | | 1 | | 4 | | 7 | 1 | 0 | 0 | 1 | 2 | 0 | 1 | 0 | 2 | 3 | 2 | 0 | 3 | 1 | 4 |
| explosive substance | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| inflammable substance | | | 0 | | 1 | | 0 | 0 | 1 | 2 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 |
| inflammable gas | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| harmful substance | | | 1 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| radiation | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| other hazards, harmful substances | | | 0 | | 1 | | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| metal material | | | 4 | | 2 | | 5 | 6 | 8 | 2 | 6 | 3 | 3 | 3 | 2 | 2 | 4 | 4 | 1 | 0 | 1 | 4 |
| lumber, bamboo | | | 119 | | 92 | | 121 | 102 | 103 | 76 | 62 | 76 | 77 | 61 | 81 | 63 | 53 | 63 | 37 | 57 | 41 | 48 |
| stone, sand, substance | | | 9 | | 1 | | 4 | 3 | 2 | 2 | 3 | 9 | 6 | 3 | 4 | 5 | 2 | 1 | 2 | 7 | 5 | 4 |
| other materials | | | 1 | | 2 | | 0 | 1 | 3 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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| load | | | 2 | | 4 | | 3 | 4 | 2 | 4 | 3 | 4 | 2 | 5 | 6 | 4 | 2 | 2 | 0 | 8 | 2 | 2 |
| machine/equipment as load | | | 0 | | 1 | | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| natural ground, rock | | | 168 | | 189 | | 129 | 128 | 114 | 150 | 134 | 126 | 115 | 114 | 93 | 92 | 118 | 92 | 88 | 89 | 76 | 71 |
| standing tree | | | 654 | | 563 | | 528 | 512 | 524 | 489 | 518 | 567 | 531 | 449 | 430 | 417 | 421 | 409 | 363 | 339 | 345 | 315 |
| water | | | 0 | | 1 | | 0 | 1 | 2 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| abnormal environment | | | 0 | | 1 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| high/cold temperature environment | | | 2 | | 1 | | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 4 | 4 | 5 | 3 | 8 | 0 | 2 | 5 | 5 |
| other environments | | | 30 | | 39 | | 25 | 28 | 20 | 29 | 25 | 39 | 19 | 30 | 21 | 24 | 15 | 23 | 23 | 20 | 21 | 30 |
| other causal agent | | | 7 | | 7 | | 2 | 2 | 9 | 4 | 8 | 1 | 7 | 3 | 9 | 7 | 4 | 5 | 4 | 7 | 1 | 7 |
| no causal agent | | | 18 | | 6 | | 11 | 9 | 12 | 18 | 15 | 10 | 11 | 11 | 12 | 7 | 7 | 13 | 13 | 11 | 11 | 11 |
| unclassifiable | | | 5 | | 4 | | 3 | 2 | 0 | 1 | 0 | 1 | 3 | 0 | 1 | 0 | 1 | 3 | 0 | 0 | 0 | 0 |
| total | | | 1,700 | | 1,641 | | 1,449 | 1,405 | 1,416 | 1,398 | 1,309 | 1,395 | 1,340 | 1,179 | 1,088 | 1,046 | 1,054 | 1,049 | 857 | 898 | 816 | 824 |

Workers age of industrial accidents in lumbering 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 less | 22 | 15 | 21 | 25 | 19 | 25 | 18 | 17 | 14 | 9 | 5 | 17 | 19 | 8 | 10 | 10 | 15 | 7 | 13 | 20 | 13 | 12 |
| 20-29 | 139 | 129 | 133 | 140 | 132 | 151 | 124 | 136 | 130 | 152 | 143 | 163 | 144 | 122 | 109 | 97 | 115 | 107 | 76 | 97 | 85 | 81 |
| 30-39 | 157 | 178 | 148 | 140 | 194 | 199 | 184 | 181 | 181 | 222 | 194 | 215 | 210 | 218 | 187 | 180 | 195 | 197 | 155 | 174 | 147 | 140 |
| 40-49 | 246 | 214 | 222 | 201 | 204 | 199 | 204 | 177 | 187 | 194 | 182 | 198 | 222 | 196 | 198 | 164 | 195 | 189 | 175 | 171 | 175 | 161 |
| 50-59 | 434 | 409 | 379 | 310 | 392 | 386 | 365 | 353 | 384 | 330 | 307 | 340 | 314 | 260 | 240 | 225 | 212 | 202 | 170 | 155 | 143 | 160 |
| 60 years old or more | 976 | 924 | 797 | 773 | 700 | 630 | 554 | 541 | 520 | 491 | 478 | 462 | 431 | 375 | 344 | 370 | 322 | 347 | 268 | 281 | 253 | 270 |
| total | 1,974 | 1,869 | 1,700 | 1,589 | 1,641 | 1,590 | 1,449 | 1,405 | 1,416 | 1,398 | 1,309 | 1,395 | 1,340 | 1,179 | 1,088 | 1,046 | 1,054 | 1,049 | 857 | 898 | 816 | 824 |

Workers' number of workplace of industrial accidents in lumbering 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 | 1,166 | 1,101 | 1,006 | 897 | 929 | 902 | 830 | 821 | 831 | 826 | 750 | 751 | 717 | 618 | 595 | 577 | 528 | 530 | 469 | 469 | 439 | 419 |
| 10-29 | 411 | 390 | 329 | 354 | 380 | 361 | 314 | 272 | 298 | 295 | 292 | 334 | 333 | 314 | 288 | 283 | 298 | 315 | 245 | 243 | 221 | 242 |
| 30-49 | 209 | 179 | 180 | 183 | 175 | 183 | 161 | 161 | 143 | 153 | 148 | 170 | 154 | 113 | 101 | 103 | 132 | 104 | 80 | 108 | 95 | 101 |
| 50-99 | 140 | 153 | 131 | 127 | 118 | 120 | 114 | 123 | 112 | 97 | 106 | 115 | 112 | 111 | 89 | 61 | 76 | 74 | 39 | 53 | 47 | 48 |
| 100-299 | 48 | 46 | 54 | 28 | 39 | 24 | 30 | 27 | 32 | 27 | 13 | 25 | 24 | 23 | 15 | 21 | 20 | 25 | 24 | 25 | 14 | 14 |
| 300 workers or | 0 | 0 | 0 | — | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| more | | | | | | | | | | | | | | | | | | | | | | |
| total | 1,974 | 1,869 | 1,700 | 1,589 | 1,641 | 1,590 | 1,449 | 1,405 | 1,416 | 1,398 | 1,309 | 1,395 | 1,340 | 1,179 | 1,088 | 1,046 | 1,054 | 1,049 | 857 | 898 | 816 | 824 |

Month of industrial accidents in lumbering 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 | 154 | 138 | 114 | 105 | 123 | 113 | 121 | 93 | 128 | 110 | 80 | 83 | 111 | 122 | 89 | 98 | 82 | 70 | 69 | 86 | 72 | 53 |
| February | 151 | 156 | 141 | 139 | 138 | 154 | 104 | 111 | 114 | 111 | 134 | 104 | 118 | 100 | 94 | 80 | 82 | 94 | 74 | 72 | 62 | 78 |
| March | 163 | 187 | 161 | 154 | 144 | 154 | 133 | 132 | 129 | 119 | 115 | 129 | 121 | 123 | 114 | 75 | 92 | 115 | 77 | 78 | 65 | 69 |
| April | 182 | 148 | 121 | 117 | 115 | 98 | 122 | 103 | 103 | 123 | 100 | 110 | 104 | 78 | 94 | 109 | 78 | 77 | 62 | 82 | 69 | 69 |
| May | 168 | 162 | 149 | 119 | 128 | 123 | 117 | 88 | 92 | 114 | 109 | 104 | 107 | 81 | 74 | 67 | 94 | 79 | 60 | 69 | 75 | 60 |
| June | 147 | 133 | 143 | 143 | 103 | 120 | 119 | 105 | 115 | 119 | 98 | 124 | 102 | 79 | 77 | 92 | 75 | 83 | 64 | 71 | 71 | 66 |
| July | 166 | 161 | 142 | 135 | 142 | 115 | 131 | 116 | 95 | 126 | 97 | 119 | 96 | 106 | 87 | 99 | 80 | 92 | 61 | 72 | 64 | 64 |
| August | 151 | 175 | 141 | 112 | 124 | 117 | 114 | 101 | 114 | 94 | 113 | 115 | 106 | 99 | 87 | 69 | 78 | 79 | 72 | 70 | 56 | 75 |
| September | 162 | 145 | 143 | 135 | 159 | 149 | 123 | 132 | 107 | 132 | 120 | 141 | 110 | 103 | 91 | 89 | 96 | 84 | 71 | 80 | 91 | 74 |
| October | 189 | 165 | 173 | 164 | 197 | 135 | 130 | 157 | 141 | 122 | 117 | 125 | 126 | 112 | 96 | 99 | 106 | 98 | 70 | 61 | 74 | 67 |
| November | 179 | 150 | 148 | 152 | 116 | 165 | 147 | 136 | 154 | 111 | 136 | 127 | 119 | 88 | 107 | 80 | 104 | 102 | 87 | 82 | 63 | 79 |
| December | 162 | 149 | 124 | 114 | 152 | 147 | 88 | 131 | 124 | 117 | 90 | 114 | 120 | 88 | 78 | 89 | 87 | 76 | 90 | 75 | 54 | 70 |
| total | 1,974 | 1,869 | 1,700 | 1,589 | 1,641 | 1,590 | 1,449 | 1,405 | 1,416 | 1,398 | 1,309 | 1,395 | 1,340 | 1,179 | 1,088 | 1,046 | 1,054 | 1,049 | 857 | 898 | 816 | 824 |

Prefecture of industrial accidents in lumbering in 1999-2020

| Prefecture | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hokkaido | 169 | 114 | 118 | | 134 | | 136 | 124 | 109 | 72 | 91 | 96 | 70 | 70 | 64 | 74 | 71 | 85 | 55 | 44 | 52 | 41 |
| Aomori | 41 | 32 | 21 | | 15 | | 16 | 10 | 14 | 13 | 18 | 14 | 20 | 19 | 21 | 20 | 14 | 15 | 14 | 13 | 24 | 14 |
| Iwate | 61 | 53 | 61 | | 57 | | 45 | 47 | 67 | 43 | 51 | 64 | 62 | 57 | 51 | 59 | 44 | 56 | 46 | 32 | 32 | 30 |
| Miyagi | 32 | 22 | 28 | | 20 | | 27 | 31 | 34 | 28 | 28 | 23 | 28 | 33 | 22 | 25 | 18 | 25 | 18 | 26 | 19 | 24 |
| Akita | 42 | 41 | 47 | | 41 | | 28 | 38 | 29 | 35 | 35 | 49 | 46 | 31 | 31 | 26 | 38 | 36 | 29 | 38 | 38 | 36 |
| Yamagata | 27 | 22 | 18 | | 22 | | 17 | 12 | 14 | 19 | 13 | 17 | 11 | 14 | 13 | 17 | 17 | 15 | 5 | 6 | 10 | 5 |
| Fukushima | 36 | 34 | 35 | | 38 | | 23 | 28 | 28 | 40 | 27 | 45 | 33 | 20 | 24 | 22 | 15 | 29 | 21 | 26 | 19 | 17 |
| Ibaraki | 10 | 8 | 8 | | 6 | | 5 | 4 | 5 | 9 | 4 | 13 | 6 | 10 | 7 | 11 | 2 | 5 | 7 | 6 | 3 | 10 |
| Tochigi | 23 | 22 | 21 | | 26 | | 23 | 24 | 19 | 25 | 22 | 10 | 14 | 13 | 9 | 20 | 21 | 19 | 10 | 15 | 4 | 12 |
| Gunma | 37 | 28 | 26 | | 33 | | 19 | 24 | 28 | 25 | 17 | 42 | 24 | 20 | 17 | 18 | 23 | 22 | 21 | 16 | 15 | 17 |
| Saitama | 7 | 9 | 6 | | 11 | | 5 | 2 | 7 | 9 | 9 | 3 | 10 | 5 | 3 | 9 | 4 | 2 | 4 | 6 | 4 | 7 |
| Chiba | 9 | 9 | 7 | | 8 | | 2 | 5 | 7 | 6 | 3 | 7 | 3 | 10 | 7 | 1 | 5 | 9 | 3 | 4 | 1 | 4 |
| Tokyo | 3 | 6 | 6 | | 2 | | 2 | 6 | 7 | 1 | 1 | 2 | 1 | 2 | 6 | 4 | 2 | 1 | 4 | 2 | 0 | 3 |
| Kanagawa | 8 | 8 | 7 | | 2 | | 4 | 5 | 4 | 5 | 0 | 4 | 6 | 1 | 6 | 0 | 4 | 4 | 3 | 5 | 6 | 6 |
| Niigata | 43 | 32 | 20 | | 17 | | 12 | 16 | 14 | 20 | 18 | 12 | 16 | 8 | 11 | 3 | 9 | 8 | 6 | 6 | 5 | 4 |
| Toyama | 5 | 2 | 8 | | 6 | | 5 | 7 | 5 | 7 | 9 | 7 | 11 | 5 | 6 | 3 | 1 | 8 | 6 | 5 | 3 | 4 |
| Ishikawa | 9 | 16 | 15 | | 12 | | 4 | 6 | 5 | 5 | 0 | 4 | 2 | 6 | 1 | 3 | 1 | 5 | 8 | 5 | 5 | 6 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fukui | 16 | 22 | 13 | | 9 | | 14 | 12 | 26 | 25 | 15 | 26 | 14 | 15 | 18 | 15 | 8 | 16 | 9 | 8 | 8 | 13 |
| Yamanashi | 9 | 13 | 7 | | 11 | | 9 | 12 | 13 | 12 | 12 | 4 | 9 | 16 | 11 | 7 | 10 | 11 | 7 | 8 | 9 | 8 |
| Nagano | 48 | 50 | 30 | | 49 | | 33 | 44 | 24 | 38 | 40 | 43 | 29 | 22 | 34 | 27 | 30 | 18 | 20 | 20 | 15 | 28 |
| Gifu | 92 | 93 | 85 | | 64 | | 64 | 85 | 71 | 76 | 31 | 49 | 48 | 25 | 46 | 48 | 36 | 38 | 36 | 52 | 33 | 29 |
| Shizuoka | 59 | 68 | 78 | | 69 | | 64 | 49 | 57 | 63 | 55 | 62 | 73 | 44 | 43 | 31 | 41 | 33 | 28 | 49 | 22 | 31 |
| Aichi | 33 | 25 | 16 | | 12 | | 13 | 13 | 11 | 11 | 11 | 16 | 17 | 8 | 11 | 13 | 11 | 8 | 14 | 8 | 5 | 14 |
| Mie | 87 | 68 | 90 | | 58 | | 60 | 54 | 47 | 57 | 54 | 77 | 46 | 46 | 32 | 28 | 24 | 39 | 26 | 25 | 21 | 23 |
| Shiga | 4 | 18 | 10 | | 18 | | 4 | 7 | 5 | 9 | 7 | 5 | 7 | 2 | 1 | 4 | 3 | 1 | 4 | 3 | 2 | 1 |
| Kyoto | 41 | 36 | 46 | | 47 | | 38 | 44 | 38 | 33 | 23 | 29 | 34 | 43 | 21 | 21 | 24 | 24 | 15 | 19 | 20 | 15 |
| Osaka | 11 | 2 | 3 | | 2 | | 3 | 4 | 3 | 8 | 3 | 2 | 3 | 1 | 5 | 4 | 3 | 4 | 3 | 0 | 1 | 0 |
| Hyogo | 34 | 28 | 47 | | 43 | | 35 | 42 | 36 | 26 | 40 | 22 | 22 | 14 | 16 | 18 | 21 | 19 | 18 | 16 | 15 | 15 |
| Nara | 120 | 84 | 70 | | 62 | | 41 | 51 | 46 | 32 | 53 | 52 | 52 | 49 | 37 | 37 | 31 | 30 | 25 | 25 | 28 | 31 |
| Wakayama | 94 | 101 | 77 | | 70 | | 62 | 47 | 48 | 59 | 75 | 72 | 59 | 45 | 40 | 42 | 39 | 43 | 41 | 44 | 36 | 24 |
| Tottori | 27 | 18 | 14 | | 19 | | 18 | 12 | 6 | 15 | 16 | 10 | 21 | 17 | 15 | 12 | 20 | 13 | 8 | 17 | 9 | 10 |
| Shimane | 23 | 38 | 30 | | 25 | | 24 | 26 | 26 | 18 | 28 | 17 | 23 | 28 | 25 | 25 | 22 | 26 | 17 | 13 | 17 | 15 |
| Okayama | 29 | 65 | 74 | | 61 | | 68 | 54 | 57 | 58 | 22 | 15 | 48 | 37 | 32 | 20 | 43 | 35 | 23 | 27 | 26 | 27 |
| Hiroshima | 82 | 69 | 52 | | 40 | | 49 | 31 | 34 | 26 | 30 | 16 | 34 | 14 | 22 | 16 | 29 | 10 | 13 | 14 | 10 | 13 |
| Yamaguchi | 18 | 35 | 22 | | 19 | | 13 | 24 | 18 | 12 | 23 | 29 | 15 | 29 | 12 | 20 | 10 | 12 | 8 | 6 | 8 | 11 |
| Tokushima | 45 | 64 | 40 | | 29 | | 28 | 27 | 26 | 23 | 39 | 38 | 31 | 32 | 23 | 17 | 23 | 26 | 15 | 25 | 7 | 15 |
| | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kagawa | 9 | 7 | 10 | | 2 | | 2 | 1 | 0 | 3 | 0 | 2 | 2 | 0 | 0 | 3 | 2 | 0 | 0 | 2 | 0 | 0 |
| Ehime | 52 | 58 | 69 | | 83 | | 67 | 35 | 49 | 48 | 48 | 13 | 10 | 22 | 24 | 31 | 26 | 18 | 16 | 16 | 20 | 12 |
| Kochi | 142 | 115 | 84 | | 130 | | 100 | 88 | 98 | 97 | 68 | 104 | 96 | 77 | 54 | 64 | 66 | 69 | 56 | 45 | 52 | 59 |
| Fukuoka | 39 | 27 | 36 | | 20 | | 29 | 29 | 22 | 21 | 18 | 22 | 24 | 28 | 29 | 22 | 22 | 19 | 21 | 12 | 16 | 20 |
| Saga | 15 | 8 | 10 | | 16 | | 8 | 11 | 15 | 19 | 22 | 22 | 15 | 11 | 17 | 17 | 16 | 12 | 9 | 10 | 11 | 10 |
| Nagasaki | 3 | 13 | 15 | | 4 | | 6 | 4 | 9 | 8 | 5 | 13 | 9 | 12 | 9 | 7 | 7 | 1 | 7 | 0 | 4 | 2 |
| Kumamoto | 67 | 69 | 49 | | 63 | | 50 | 42 | 54 | 59 | 49 | 42 | 49 | 60 | 40 | 39 | 48 | 36 | 28 | 36 | 39 | 31 |
| Oita | 46 | 52 | 42 | | 35 | | 50 | 52 | 53 | 47 | 59 | 37 | 47 | 37 | 47 | 45 | 33 | 47 | 50 | 45 | 27 | 26 |
| Miyazaki | 114 | 108 | 80 | | 88 | | 68 | 75 | 72 | 96 | 57 | 87 | 91 | 77 | 87 | 62 | 75 | 55 | 51 | 57 | 72 | 56 |
| Kagoshima | 53 | 57 | 47 | | 43 | | 56 | 41 | 51 | 37 | 60 | 57 | 49 | 44 | 38 | 34 | 41 | 42 | 29 | 41 | 43 | 44 |
| Okinawa | 0 | 0 | 2 | | 0 | | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 1 |
| total | 1,974 | 1,869 | 1,700 | | 1,641 | | 1,449 | 1,405 | 1,416 | 1,398 | 1,309 | 1,395 | 1,340 | 1,179 | 1,088 | 1,046 | 1,054 | 1,049 | 857 | 898 | 816 | 824 |

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 lumbering in Japan in 1999-2020

lumbering industry Code No.060201

Type of fatal accidents in lumbering 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 | 8 | 4 | 5 | 4 | 11 | 6 | 2 | 4 | 10 | 6 | 8 | 9 | 6 | 4 | 6 | 4 | 8 | 4 | 3 | 4 | 4 | 6 |
| falling to same level | 2 | 0 | 1 | 1 | 2 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 2 | 1 | 2 | 1 | 1 |
| crash | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| struck by flying or falling object | 8 | 9 | 10 | 3 | 6 | 5 | 5 | 2 | 4 | 5 | 7 | 4 | 2 | 2 | 7 | 3 | 5 | 0 | 3 | 5 | 3 | 1 |
| collapse | 9 | 8 | 5 | 8 | 8 | 5 | 5 | 8 | 6 | 4 | 1 | 7 | 4 | 3 | 2 | 3 | 7 | 2 | 4 | 4 | 1 | 5 |
| crashed by | 23 | 20 | 12 | 19 | 10 | 13 | 19 | 19 | 22 | 12 | 9 | 14 | 10 | 12 | 8 | 21 | 7 | 19 | 17 | 10 | 12 | 10 |
| caught in/between | 2 | 3 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 0 | 2 | 1 | 0 | 1 | 4 | 1 | 1 | 1 |
| cut | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| injury to the sole of the foot | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| drown | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| contact to high/low-temperature | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| contact to harmful substance | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| electric shock | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 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 | 0 |
| traffic accident (public road) | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 4 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 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 | 2 | 1 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| unclassifiable | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| total | 55 | 44 | 34 | 38 | 42 | 30 | 33 | 43 | 45 | 30 | 28 | 39 | 29 | 22 | 27 | 32 | 30 | 30 | 33 | 27 | 24 | 26 |

Causal agents (middle) of fatal accidents in lumbering 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| mechanism | | | | | | | | | | | | | | | | | | | | | | |
| woodworking machine | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| construction machine | 4 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 2 | 2 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 |
| metal manufacturing machine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| general machine | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| mobile silviculture machine | | | | | | | | | | | | | | | | | 4 | 4 | 5 | 3 | 2 | 5 |
| crane | 2 | 6 | 5 | 5 | 1 | 3 | 3 | 4 | 1 | 0 | 3 | 2 | 1 | 1 | 2 | 3 | 0 | 1 | 2 | 0 | 0 | 1 |
| conveying machine | 3 | 1 | 2 | 2 | 6 | 4 | 2 | 4 | 2 | 4 | 2 | 4 | 1 | 0 | 1 | 2 | 0 | 0 | 3 | 1 | 3 | 2 |
| vehicle | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| pressure vessel | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| chemical facilities | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| welding equipment | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| kiln, caldron | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| electric equipment | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| human power machine, tools | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| tools | 0 | 0 | 0 | 0 | 2 | 2 | 1 | 0 | 1 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 |
| other equipments, | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| facilities | | | | | | | | | | | | | | | | | | | | | | |
| temporary buildings, establishments | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 |
| materials | 1 | 3 | 2 | 3 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 2 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 2 | 1 | 0 |
| load | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| natural environment | 43 | 32 | 24 | 26 | 29 | 21 | 24 | 30 | 33 | 23 | 18 | 28 | 24 | 20 | 22 | 27 | 23 | 23 | 22 | 19 | 16 | 17 |
| other causal agent | 0 | 0 | 0 | 0 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| unclassifiable | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| total | 55 | 44 | 34 | 38 | 42 | 30 | 33 | 43 | 45 | 30 | 28 | 39 | 29 | 22 | 27 | 32 | 30 | 30 | 33 | 27 | 24 | 26 |

Causal agents (small) of fatal accidents in lumbering in 1999-2020

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| circular sawing machine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| band sawing machine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| wood planer machine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| hollow chisel mortiser, wood borer | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| chamfering machine, router, woodworking milling machine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| chain saw | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| other woodworking machines | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| leveling, transporting or loading machine | 4 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| excavating machine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| foundation work machine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| hardening machine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| demolition machine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| vehicle for high lift work | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| other construction machines | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| lathe | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| drill press, milling machine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| grinding machine, buffing machine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| power press | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| forging pressure hammer | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| shearing machine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| other metal manufacturing machines | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| centrifugal machine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| mixer, grinder | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| roll machine (except printingroll machine) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| injection molding machine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| food manufacturing machine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| printing machine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| industrial robot | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| other general power machines | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| felling machine | | | | | | | | | | | | | | | | | 1 | 2 | 4 | 0 | 2 | 3 |
| | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| mobile logging machine | | | | | | | | | | | | | | | | | 2 | 2 | 1 | 3 | 0 | 2 |
| skyline yarding machine | | | | | | | | | | | | | | | | | 1 | 0 | 0 | 0 | 0 | 0 |
| other mobile silviculture machine | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| crane | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| mobile crane | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| derrick crane | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| elevator, lift | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| cargo lifting appliance | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| gondola | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| lumberyard equipment, logging cableway | 2 | 6 | 4 | 4 | 0 | 3 | 3 | 4 | 1 | 0 | 3 | 0 | 1 | 1 | 0 | 3 | 0 | 1 | 1 | 0 | 0 | 1 |
| simple skyline yarding equipment | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| other powered crane | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| truck | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 2 | 1 |
| forklift | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| railway equipment | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| conveyor | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| loader | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| straddle carrier | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| rough terrain hauler | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| other powered conveying machines | 2 | 1 | 2 | 2 | 4 | 2 | 2 | 3 | 2 | 3 | 1 | 3 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| cars, bus, motorcycle | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| railway vehicle | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| other vehicles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| boiler | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| pressure vessel | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| other pressure vessels | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| chemical facilities | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| gas welding equipment | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| arc welding equipment | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| other welding equipment | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| kiln, caldron | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| industrial dryer | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| other kiln, caldron | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| electric power facilities | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| other electrical equipment | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| human power cranes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| human power hauling equipment | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| human power machine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| hand tool | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ladder | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| slinging tool | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| other tools | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| other equipment, facilities | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| scaffolding | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| timbering | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| stairs, landing stage | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| opening | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| roof, beam, haze, crossbeam, principal rafter | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| working platform, boot board | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| passage | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| building, establishment | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| other temporary buildings, | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| establishments | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| explosive substance | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| inflammable substance | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| inflammable gas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| harmful substance | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 1 | 3 | 2 | 3 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 2 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 2 | 1 | 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 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 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 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| natural ground, rock | 4 | 3 | 2 | 2 | 5 | 1 | 1 | 0 | 3 | 2 | 3 | 4 | 3 | 3 | 4 | 1 | 3 | 5 | 1 | 1 | 1 | 2 |
| standing tree | 39 | 29 | 22 | 23 | 24 | 20 | 22 | 27 | 29 | 21 | 14 | 24 | 16 | 16 | 17 | 26 | 20 | 17 | 21 | 18 | 14 | 15 |
| water | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 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 |
| | | | | | | | | | | | | | | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| high/cold temperature environment | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| other environments | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| other causal agent | 0 | 0 | 0 | 0 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| unclassifiable | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| total | 55 | 44 | 34 | 38 | 42 | 30 | 33 | 43 | 45 | 30 | 28 | 39 | 29 | 22 | 27 | 32 | 30 | 30 | 33 | 27 | 24 | 26 |

Workers age of fatal accidents in lumbering 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 less | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-29 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 2 | 0 | 0 | 1 | 0 | 0 | 3 | 3 | 1 | 0 | 1 | 5 | 0 |
| 30-39 | 2 | 1 | 1 | 0 | 1 | 2 | 0 | 3 | 4 | 3 | 3 | 0 | 2 | 0 | 2 | 6 | 4 | 4 | 4 | 0 | 3 | 2 |
| 40-49 | 8 | 3 | 7 | 2 | 7 | 2 | 3 | 5 | 3 | 1 | 3 | 2 | 4 | 0 | 1 | 4 | 3 | 3 | 6 | 3 | 4 | 2 |
| 50-59 | 12 | 10 | 5 | 12 | 4 | 10 | 6 | 13 | 20 | 3 | 7 | 13 | 10 | 6 | 10 | 7 | 8 | 8 | 4 | 3 | 4 | 4 |
| 60 years old or more | 31 | 29 | 21 | 24 | 29 | 15 | 22 | 22 | 17 | 21 | 15 | 23 | 12 | 16 | 14 | 11 | 12 | 14 | 19 | 20 | 8 | 18 |
| total | 55 | 44 | 34 | 38 | 42 | 30 | 33 | 43 | 45 | 30 | 28 | 39 | 29 | 22 | 27 | 32 | 30 | 30 | 33 | 27 | 24 | 26 |

Workers' number of workplace of fatal accidents in lumbering 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 | 38 | 21 | 21 | 23 | 29 | 20 | 20 | 28 | 26 | 16 | 14 | 24 | 18 | 15 | 17 | 15 | 16 | 18 | 20 | 15 | 12 | 19 |
| 10-29 | 13 | 13 | 7 | 11 | 12 | 9 | 8 | 9 | 14 | 10 | 6 | 9 | 9 | 6 | 4 | 8 | 9 | 8 | 10 | 8 | 9 | 6 |
| 30-49 | 3 | 5 | 5 | 3 | 1 | 1 | 1 | 3 | 3 | 1 | 5 | 4 | 0 | 0 | 5 | 3 | 3 | 2 | 1 | 3 | 3 | 0 |
| 50-99 | 1 | 5 | 0 | 1 | 0 | 0 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 5 | 1 | 2 | 2 | 1 | 0 | 1 |
| 100-299 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 2 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 300 workers or more | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| total | 55 | 44 | 34 | 38 | 42 | 30 | 33 | 43 | 45 | 30 | 28 | 39 | 29 | 22 | 27 | 32 | 30 | 30 | 33 | 27 | 24 | 26 |

Month of fatal accidents in lumbering 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 | 3 | 4 | 7 | 3 | 1 | 0 | 5 | 6 | 1 | 1 | 4 | 0 | 2 | 1 | 7 | 5 | 2 | 1 | 4 | 5 | 0 | 2 |
| February | 4 | 5 | 0 | 5 | 7 | 3 | 7 | 2 | 2 | 2 | 6 | 4 | 3 | 2 | 1 | 3 | 4 | 1 | 1 | 3 | 3 | 4 |
| March | 7 | 2 | 0 | 2 | 5 | 4 | 0 | 5 | 4 | 5 | 2 | 4 | 6 | 3 | 3 | 1 | 0 | 5 | 4 | 2 | 1 | 3 |
| April | 4 | 5 | 6 | 2 | 2 | 1 | 5 | 2 | 5 | 3 | 0 | 4 | 2 | 2 | 1 | 3 | 2 | 1 | 4 | 0 | 6 | 4 |
| May | 5 | 3 | 2 | 1 | 1 | 2 | 3 | 2 | 9 | 1 | 1 | 6 | 1 | 1 | 1 | 1 | 0 | 2 | 0 | 1 | 3 | 2 |
| June | 4 | 3 | 2 | 1 | 4 | 1 | 2 | 4 | 2 | 3 | 2 | 2 | 0 | 3 | 2 | 5 | 1 | 3 | 3 | 1 | 0 | 2 |
| July | 2 | 6 | 3 | 2 | 7 | 2 | 0 | 6 | 5 | 1 | 3 | 4 | 4 | 1 | 0 | 3 | 2 | 1 | 4 | 2 | 3 | 1 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| August | 5 | 3 | 1 | 7 | 2 | 2 | 3 | 3 | 3 | 1 | 2 | 2 | 2 | 3 | 1 | 0 | 2 | 1 | 2 | 3 | 1 | 0 |
| September | 5 | 4 | 3 | 1 | 5 | 3 | 3 | 3 | 2 | 3 | 2 | 0 | 1 | 2 | 1 | 3 | 7 | 2 | 3 | 4 | 4 | 3 |
| October | 3 | 5 | 4 | 7 | 4 | 5 | 3 | 5 | 2 | 4 | 1 | 6 | 2 | 2 | 3 | 2 | 3 | 3 | 3 | 2 | 1 | 1 |
| November | 7 | 3 | 4 | 3 | 3 | 2 | 1 | 2 | 4 | 4 | 3 | 5 | 3 | 0 | 4 | 5 | 5 | 5 | 4 | 3 | 0 | 2 |
| December | 6 | 1 | 2 | 4 | 1 | 5 | 1 | 3 | 6 | 2 | 2 | 2 | 3 | 2 | 3 | 1 | 2 | 5 | 1 | 1 | 2 | 2 |
| total | 55 | 44 | 34 | 38 | 42 | 30 | 33 | 43 | 45 | 30 | 28 | 39 | 29 | 22 | 27 | 32 | 30 | 30 | 33 | 27 | 24 | 26 |

Prefecture of fatal accidents in lumbering in 1999-2020

| Prefecture | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hokkaido | 4 | 3 | 6 | 6 | 6 | 4 | 9 | 3 | 5 | 5 | 1 | 10 | 2 | 3 | 1 | 4 | 1 | 4 | 3 | 6 | 3 | 1 |
| Aomori | 2 | 1 | 1 | 1 | 0 | 2 | 1 | 2 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 1 | 1 |
| Iwate | 4 | 1 | 3 | 1 | 1 | 2 | 0 | 4 | 3 | 2 | 4 | 4 | 5 | 1 | 2 | 0 | 3 | 3 | 4 | 2 | 0 | 2 |
| Miyagi | 1 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 2 |
| Akita | 2 | 3 | 0 | 7 | 4 | 0 | 2 | 2 | 3 | 1 | 1 | 0 | 0 | 2 | 3 | 0 | 3 | 1 | 1 | 3 | 0 | 3 |
| Yamagata | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 1 | 1 | 0 |
| Fukushima | 2 | 1 | 2 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 2 | 2 | 0 | 1 | 0 | 1 | 1 | 1 |
| Ibaraki | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Tochigi | 2 | 0 | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Gunma | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |

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| Saitama | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 |
| Chiba | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tokyo | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| Kanagawa | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Niigata | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 |
| Toyama | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Ishikawa | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fukui | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 2 | 0 | 0 |
| Yamanashi | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 |
| Nagano | 3 | 4 | 1 | 0 | 1 | 2 | 0 | 2 | 0 | 2 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 1 |
| Gifu | 1 | 1 | 1 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 3 | 0 | 1 | 1 |
| Shizuoka | 2 | 1 | 4 | 1 | 2 | 1 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 1 |
| Aichi | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 |
| Mie | 3 | 1 | 2 | 1 | 2 | 1 | 1 | 2 | 1 | 3 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 1 | 1 | 1 | 0 |
| Shiga | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kyoto | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| Osaka | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hyogo | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nara | 5 | 0 | 1 | 1 | 2 | 1 | 0 | 2 | 4 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 |
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| Wakayama | 2 | 1 | 1 | 1 | 1 | 1 | 0 | 2 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 1 |
| Tottori | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 1 |
| Shimane | 1 | 1 | 0 | 1 | 2 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |
| Okayama | 1 | 2 | 3 | 1 | 0 | 1 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 |
| Hiroshima | 3 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Yamaguchi | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| Tokushima | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 2 | 3 | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| 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 | 1 | 1 | 1 | 2 | 1 | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Kochi | 3 | 0 | 1 | 1 | 3 | 2 | 0 | 1 | 4 | 0 | 2 | 1 | 1 | 1 | 1 | 4 | 0 | 0 | 2 | 1 | 0 | 1 |
| Fukuoka | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 1 |
| Saga | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nagasaki | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kumamoto | 4 | 2 | 1 | 0 | 1 | 1 | 0 | 0 | 2 | 1 | 1 | 1 | 2 | 2 | 1 | 3 | 1 | 1 | 0 | 0 | 2 | 0 |
| Oita | 2 | 2 | 0 | 1 | 1 | 0 | 2 | 3 | 1 | 2 | 0 | 0 | 1 | 2 | 0 | 0 | 1 | 1 | 0 | 1 | 2 | 1 |
| Miyazaki | 2 | 2 | 1 | 2 | 4 | 0 | 3 | 2 | 4 | 3 | 3 | 4 | 1 | 0 | 6 | 4 | 3 | 3 | 5 | 1 | 5 | 1 |
| Kagoshima | 1 | 4 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 0 | 1 | 2 | 3 | 1 | 3 | 4 | 1 | 1 | 1 | 2 |
| Okinawa | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| total | 55 | 44 | 34 | 38 | 42 | 30 | 33 | 43 | 45 | 30 | 28 | 39 | 29 | 22 | 27 | 32 | 30 | 30 | 33 | 27 | 24 | 26 |

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