Industrial accidents in telecommunication service in Japan in 1999-2020

telecommunication service industry Code No.110101

Type of accidents in telecommunication service 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 | 19 | 13 | 18 | 37 | 40 | 58 | 215 | 275 | 198 | 201 | 201 | 184 | 173 | 187 | 146 | 150 | 139 | 159 | 186 | 163 | 178 | 164 |
| falling to same level | 48 | 32 | 33 | 70 | 123 | 178 | 914 | 1,013 | 907 | 844 | 815 | 749 | 812 | 756 | 666 | 686 | 601 | 591 | 598 | 690 | 608 | 653 |
| crash | 8 | 7 | 3 | 14 | 20 | 30 | 112 | 158 | 135 | 148 | 102 | 93 | 92 | 101 | 92 | 99 | 74 | 91 | 97 | 108 | 90 | 91 |
| struck by flying or falling object | 3 | 3 | 1 | 4 | 3 | 8 | 27 | 30 | 31 | 33 | 27 | 37 | 32 | 43 | 25 | 36 | 29 | 39 | 38 | 22 | 16 | 15 |
| collapse | 0 | 2 | 1 | 3 | 4 | 8 | 38 | 43 | 42 | 41 | 39 | 49 | 30 | 49 | 37 | 30 | 31 | 31 | 42 | 27 | 21 | 23 |
| crashed by | 2 | 4 | 5 | 5 | 6 | 8 | 73 | 73 | 60 | 73 | 56 | 70 | 72 | 69 | 51 | 64 | 49 | 47 | 44 | 54 | 50 | 55 |
| caught in/between | 6 | 3 | 2 | 11 | 15 | 22 | 108 | 167 | 147 | 144 | 101 | 131 | 122 | 123 | 100 | 117 | 118 | 107 | 126 | 97 | 95 | 97 |
| cut | 0 | 2 | 1 | 3 | 3 | 5 | 26 | 21 | 28 | 26 | 6 | 13 | 16 | 10 | 13 | 9 | 7 | 12 | 9 | 8 | 11 | 10 |
| injury to the sole of the foot | 1 | 0 | 0 | - | 0 | 2 | 4 | 3 | 2 | 2 | 1 | 0 | 1 | 2 | 3 | 1 | 2 | 1 | 2 | 2 | 3 | 3 |
| drown | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 0 | 0 | 0 | 2 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| contact to | | | | | | | | | | | | | | | | | | | | | | |

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| high/low-temperature | 0 | 1 | 0 | - | 0 | 1 | 3 | 6 | 4 | 3 | 3 | 11 | 4 | 5 | 9 | 7 | 4 | 5 | 6 | 17 | 11 | 15 |
| contact to harmful substance | 0 | 0 | 0 | 2 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 1 | 0 | 1 | 1 |
| electric shock | 0 | 0 | 0 | - | 0 | - | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| explosion | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| burst | 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 | - | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| traffic accident (public road) | 47 | 33 | 46 | 145 | 284 | 410 | 1,846 | 2,021 | 1,789 | 1,682 | 1,468 | 1,307 | 1,155 | 1,203 | 1,059 | 970 | 897 | 992 | 922 | 999 | 863 | 866 |
| traffic accident (others) | 0 | 2 | 0 | 1 | 1 | 3 | 4 | 16 | 15 | 4 | 5 | 4 | 10 | 8 | 12 | 5 | 4 | 11 | 7 | 7 | 11 | 7 |
| reaction to motion/improper motion | 12 | 10 | 6 | 21 | 49 | 50 | 278 | 266 | 289 | 298 | 284 | 309 | 307 | 288 | 279 | 282 | 244 | 290 | 295 | 310 | 268 | 306 |
| others | 3 | 0 | 1 | 1 | 4 | 7 | 56 | 20 | 27 | 20 | 15 | 20 | 31 | 12 | 15 | 9 | 20 | 16 | 15 | 15 | 21 | 54 |
| unclassifiable | 1 | 2 | 0 | - | 2 | 1 | 5 | 4 | 6 | 4 | 1 | 5 | 0 | 3 | 5 | 3 | 1 | 1 | 5 | 3 | 3 | 2 |
| total | 150 | 114 | 117 | 317 | 554 | 792 | 3,711 | 4,117 | 3,681 | 3,524 | 3,125 | 2,986 | 2,876 | 2,860 | 2,513 | 2,469 | 2,220 | 2,396 | 2,393 | 2,523 | 2,252 | 2,362 |

Causal agents (middle) of industrial accidents in telecommunication service 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 | - | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| power transmission mechanism | 0 | 0 | 0 | - | 0 | - | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 |
| woodworking machine | 0 | 0 | 0 | 1 | 1 | - | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| construction machine | 1 | 1 | 2 | 1 | 2 | 2 | 1 | 1 | 0 | 3 | 0 | 0 | 3 | 1 | 1 | 2 | 0 | 0 | 1 | 0 | 0 | 1 |
| metal manufacturing machine | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| general machine | 1 | 1 | 1 | - | 2 | 3 | 6 | 4 | 7 | 6 | 7 | 4 | 4 | 7 | 1 | 1 | 4 | 4 | 4 | 3 | 2 | 3 |
| mobile silviculture machine | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| crane | 1 | 2 | 0 | 1 | 1 | - | 5 | 9 | 5 | 8 | 2 | 6 | 3 | 8 | 3 | 1 | 4 | 3 | 3 | 5 | 3 | 1 |
| conveying machine | 11 | 1 | 2 | 10 | 8 | 10 | 51 | 65 | 56 | 61 | 65 | 58 | 48 | 48 | 33 | 31 | 42 | 36 | 43 | 38 | 22 | 34 |
| vehicle | 51 | 40 | 55 | 171 | 339 | 505 | 2,336 | 2,624 | 2,336 | 2,142 | 1,867 | 1,677 | 1,518 | 1,532 | 1,355 | 1,238 | 1,132 | 1,201 | 1,135 | 1,226 | 1,126 | 1,087 |
| pressure vessel | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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| 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 | 1 | 0 | 0 | 0 | 0 | 1 | 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 |
| electric equipment | 1 | 1 | 0 | - | 1 | 1 | 3 | 0 | 0 | 4 | 1 | 3 | 1 | 0 | 3 | 2 | 2 | 7 | 0 | 3 | 1 | 2 |
| human power machine, tools | 2 | 3 | 6 | 12 | 12 | 18 | 100 | 120 | 95 | 128 | 95 | 125 | 124 | 141 | 100 | 134 | 113 | 133 | 156 | 122 | 85 | 99 |
| tools | 4 | 6 | 5 | 8 | 15 | 13 | 47 | 50 | 59 | 66 | 50 | 68 | 66 | 53 | 64 | 69 | 66 | 61 | 65 | 59 | 51 | 57 |
| other equipments, facilities | 5 | 1 | 0 | 6 | 3 | 6 | 31 | 26 | 26 | 19 | 21 | 26 | 22 | 22 | 21 | 30 | 23 | 21 | 15 | 19 | 17 | 23 |
| temporary buildings, establishments | 47 | 32 | 35 | 70 | 119 | 172 | 697 | 854 | 769 | 736 | 709 | 675 | 690 | 693 | 588 | 590 | 533 | 587 | 599 | 662 | 637 | 665 |
| hazards, harmful substances | 0 | 0 | 0 | 2 | 0 | - | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 |
| materials | 4 | 6 | 0 | 2 | 2 | 5 | 21 | 15 | 16 | 11 | 7 | 12 | 21 | 9 | 13 | 11 | 7 | 12 | 10 | 3 | 8 | 9 |
| load | 2 | 3 | 2 | 12 | 17 | 12 | 105 | 92 | 104 | 96 | 86 | 107 | 88 | 100 | 86 | 95 | 117 | 113 | 131 | 119 | 76 | 100 |
| natural environment | 9 | 6 | 4 | 12 | 14 | 22 | 153 | 137 | 92 | 126 | 99 | 98 | 137 | 113 | 132 | 143 | 80 | 108 | 113 | 130 | 90 | 94 |
| other causal agent | 2 | 6 | 1 | 1 | 3 | 3 | 72 | 41 | 30 | 29 | 25 | 23 | 41 | 29 | 30 | 16 | 22 | 18 | 17 | 23 | 28 | 62 |
| no causal agent | 6 | 3 | 4 | 6 | 13 | 19 | 71 | 71 | 75 | 83 | 87 | 99 | 105 | 102 | 78 | 100 | 73 | 87 | 97 | 106 | 101 | 123 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| unclassifiable | 3 | 2 | 0 | 2 | 2 | 1 | 8 | 6 | 7 | 6 | 3 | 4 | 3 | 2 | 4 | 5 | 2 | 1 | 3 | 5 | 2 | 1 |
| total | 150 | 114 | 117 | 317 | 554 | 792 | 3,711 | 4,117 | 3,681 | 3,524 | 3,125 | 2,986 | 2,876 | 2,860 | 2,513 | 2,469 | 2,220 | 2,396 | 2,393 | 2,523 | 2,252 | 2,362 |

Causal agents (small) of industrial accidents in telecommunication service 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 | | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| power transmission mechanism | | | 0 | | 0 | | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 |
| circular sawing machine | | | 0 | | 0 | | 0 | 0 | 1 | 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 |
| wood planer machine | | | 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 |
| chamfering machine, router, woodworking | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| milling machine | | | | | | | | | | | | | | | | | | | | | | |
| chain saw | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| other woodworking machines | | | 0 | | 1 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| leveling, transporting or loading machine | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| excavating machine | | | 0 | | 1 | | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 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 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| vehicle for high lift work | | | 2 | | 1 | | 0 | 1 | 0 | 2 | 0 | 0 | 3 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| other construction machines | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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| 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 | 1 | 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 |
| centrifugal machine | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| mixer, grinder | | | 0 | | 0 | | 1 | 0 | 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 |
| injection molding machine | | | 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 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| printing machine | | | 0 | | 0 | | 1 | 0 | 0 | 0 | 1 | 1 | 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 | | | 1 | | 2 | | 4 | 4 | 7 | 6 | 6 | 3 | 4 | 6 | 1 | 1 | 4 | 4 | 4 | 3 | 2 | 3 |
| felling machine | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| mobile logging machine | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| skyline yarding machine | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| other mobile silviculture machine | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| crane | | | 0 | | 0 | | 0 | 2 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| mobile crane | | | 0 | | 0 | | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| derrick crane | | | 0 | | 0 | | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| elevator, lift | | | 0 | | 1 | | 4 | 5 | 4 | 6 | 2 | 3 | 2 | 8 | 2 | 1 | 4 | 2 | 3 | 4 | 1 | 1 |
| cargo lifting appliance | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 1 | 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 |
| lumberyard equipment, logging cableway | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| simple skyline yarding equipment | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| other powered crane | | | 0 | | 0 | | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| truck | | | 2 | | 7 | | 39 | 58 | 44 | 46 | 56 | 41 | 38 | 38 | 27 | 24 | 34 | 31 | 32 | 32 | 18 | 27 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| forklift | | | 0 | | 0 | | 0 | 1 | 2 | 2 | 1 | 4 | 3 | 3 | 2 | 2 | 3 | 0 | 0 | 1 | 2 | 2 |
| railway equipment | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| conveyor | | | 0 | | 0 | | 7 | 5 | 9 | 10 | 6 | 12 | 5 | 4 | 2 | 4 | 3 | 3 | 8 | 4 | 1 | 4 |
| loader | | | 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 |
| rough terrain hauler | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| other powered conveying machines | | | 0 | | 1 | | 5 | 1 | 1 | 3 | 2 | 1 | 2 | 3 | 2 | 1 | 2 | 2 | 3 | 1 | 1 | 1 |
| cars, bus, motorcycle | | | 51 | | 331 | | 2,273 | 2,548 | 2,258 | 2,096 | 1,833 | 1,639 | 1,445 | 1,462 | 1,331 | 1,220 | 1,124 | 1,195 | 1,123 | 1,221 | 1,123 | 1,086 |
| railway vehicle | | | 1 | | 0 | | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| other vehicles | | | 3 | | 8 | | 63 | 75 | 78 | 45 | 34 | 38 | 73 | 70 | 24 | 18 | 8 | 6 | 12 | 4 | 3 | 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 | 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 |
| 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 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| arc welding | | | | | | | | | | | | | | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | 1 | 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 |
| 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 | | 2 | 0 | 0 | 3 | 1 | 2 | 0 | 0 | 3 | 1 | 2 | 6 | 0 | 2 | 1 | 1 |
| electric power facilities | | | 0 | | 0 | | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| other electrical equipment | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| human power cranes | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 9 | 8 |
| human power hauling equipment | | | 5 | | 10 | | 92 | 114 | 85 | 121 | 94 | 121 | 117 | 141 | 97 | 130 | 111 | 132 | 154 | 119 | 71 | 90 |
| human power machine | | | 0 | | 0 | | 0 | 2 | 1 | 1 | 0 | 0 | 2 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 2 | 0 |
| hand tool | | | 1 | | 2 | | 8 | 4 | 9 | 6 | 1 | 3 | 5 | 0 | 1 | 3 | 2 | 1 | 1 | 1 | 3 | 1 |
| ladder | | | 2 | | 7 | | 10 | 12 | 16 | 10 | 12 | 15 | 15 | 9 | 9 | 10 | 10 | 15 | 14 | 14 | 17 | 14 |
| slinging tool | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| other tools | | | 3 | | 8 | | 37 | 38 | 43 | 56 | 38 | 53 | 51 | 44 | 55 | 59 | 56 | 46 | 51 | 45 | 34 | 43 |
| other equipment, facilities | | | 0 | | 3 | | 31 | 26 | 26 | 19 | 21 | 26 | 22 | 22 | 21 | 30 | 23 | 21 | 15 | 19 | 17 | 23 |
| scaffolding | | | 0 | | 2 | | 0 | 0 | 2 | 0 | 1 | 0 | 2 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 |
| timbering | | | 0 | | 0 | | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| stairs, landing stage | | | 16 | | 52 | | 326 | 433 | 360 | 293 | 321 | 289 | 265 | 294 | 239 | 236 | 201 | 216 | 244 | 242 | 263 | 260 |
| opening | | | 0 | | 1 | | 2 | 2 | 4 | 2 | 2 | 1 | 0 | 4 | 1 | 3 | 1 | 3 | 5 | 2 | 2 | 2 |
| roof, beam, haze, crossbeam, principal rafter | | | 2 | | 1 | | 2 | 2 | 0 | 3 | 1 | 1 | 2 | 2 | 0 | 1 | 1 | 2 | 0 | 1 | 0 | 2 |
| working platform, boot board | | | 2 | | 9 | | 28 | 20 | 30 | 29 | 22 | 32 | 27 | 30 | 21 | 27 | 22 | 19 | 28 | 30 | 14 | 21 |
| passage | | | 10 | | 37 | | 201 | 255 | 231 | 260 | 233 | 220 | 274 | 232 | 208 | 222 | 192 | 222 | 210 | 274 | 242 | 260 |
| building, establishment | | | 4 | | 9 | | 83 | 71 | 97 | 90 | 70 | 80 | 74 | 85 | 70 | 61 | 65 | 60 | 67 | 70 | 72 | 70 |
| other temporary buildings, establishments | | | 1 | | 8 | | 55 | 71 | 44 | 59 | 59 | 52 | 46 | 45 | 48 | 40 | 50 | 64 | 44 | 43 | 44 | 49 |
| explosive substance | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| inflammable substance | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| inflammable gas | | | 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 | 1 | 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 | | 0 | | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| metal material | | | 0 | | 1 | | 9 | 8 | 3 | 4 | 1 | 5 | 9 | 3 | 4 | 3 | 2 | 7 | 4 | 1 | 2 | 3 |
| lumber, bamboo | | | 0 | | 0 | | 1 | 1 | 3 | 1 | 2 | 1 | 2 | 1 | 3 | 0 | 1 | 2 | 2 | 1 | 1 | 0 |
| stone, sand, substance | | | 0 | | 0 | | 8 | 1 | 5 | 5 | 2 | 4 | 7 | 1 | 3 | 4 | 1 | 1 | 2 | 0 | 3 | 1 |
| other materials | | | 0 | | 1 | | 3 | 5 | 5 | 1 | 2 | 2 | 3 | 4 | 3 | 4 | 3 | 2 | 2 | 1 | 2 | 5 |
| load | | | 2 | | 17 | | 101 | 90 | 101 | 94 | 85 | 104 | 88 | 99 | 86 | 95 | 116 | 112 | 131 | 119 | 76 | 100 |
| machine/equipment as load | | | 0 | | 0 | | 4 | 2 | 3 | 2 | 1 | 3 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| natural ground, rock | | | 1 | | 1 | | 13 | 9 | 6 | 12 | 7 | 5 | 6 | 6 | 5 | 4 | 3 | 4 | 5 | 5 | 4 | 7 |
| standing tree | | | 0 | | 0 | | 3 | 3 | 0 | 3 | 0 | 1 | 1 | 2 | 4 | 0 | 4 | 5 | 2 | 3 | 5 | 3 |
| water | | | 0 | | 1 | | 6 | 7 | 0 | 1 | 4 | 6 | 35 | 1 | 3 | 2 | 0 | 2 | 5 | 4 | 1 | 2 |
| abnormal environment | | | 0 | | 0 | | 0 | 0 | 0 | 2 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 |
| high/cold | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| temperature environment | | | 0 | | 0 | | 8 | 10 | 3 | 5 | 3 | 11 | 2 | 7 | 15 | 8 | 6 | 5 | 7 | 18 | 12 | 16 |
| other environments | | | 3 | | 12 | | 123 | 108 | 83 | 103 | 84 | 74 | 92 | 97 | 104 | 129 | 67 | 91 | 93 | 99 | 68 | 66 |
| other causal agent | | | 1 | | 3 | | 72 | 41 | 30 | 29 | 25 | 23 | 41 | 29 | 30 | 16 | 22 | 18 | 17 | 23 | 28 | 62 |
| no causal agent | | | 4 | | 13 | | 71 | 71 | 75 | 83 | 87 | 99 | 105 | 102 | 78 | 100 | 73 | 87 | 97 | 106 | 101 | 123 |
| unclassifiable | | | 0 | | 2 | | 8 | 6 | 7 | 6 | 3 | 4 | 3 | 2 | 4 | 5 | 2 | 1 | 3 | 5 | 2 | 1 |
| total | | | 117 | | 554 | | 3,711 | 4,117 | 3,681 | 3,524 | 3,125 | 2,986 | 2,876 | 2,860 | 2,513 | 2,469 | 2,220 | 2,396 | 2,393 | 2,523 | 2,252 | 2,362 |

Workers age of industrial accidents in telecommunication service 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 | 2 | 1 | 2 | 7 | 13 | 20 | 88 | 119 | 71 | 67 | 67 | 50 | 33 | 34 | 23 | 18 | 27 | 47 | 36 | 37 | 43 | 38 |
| 20-29 | 35 | 30 | 19 | 101 | 113 | 178 | 835 | 875 | 859 | 668 | 536 | 550 | 532 | 447 | 426 | 429 | 370 | 395 | 351 | 359 | 291 | 293 |
| 30-39 | 23 | 18 | 29 | 72 | 126 | 196 | 877 | 977 | 828 | 780 | 751 | 709 | 661 | 651 | 560 | 508 | 436 | 462 | 453 | 456 | 450 | 412 |
| 40-49 | 34 | 25 | 27 | 54 | 113 | 159 | 728 | 812 | 716 | 683 | 628 | 596 | 612 | 665 | 599 | 642 | 585 | 613 | 648 | 661 | 558 | 625 |
| 50-59 | 49 | 35 | 36 | 77 | 155 | 192 | 901 | 987 | 872 | 939 | 759 | 688 | 691 | 740 | 617 | 638 | 578 | 602 | 606 | 670 | 609 | 654 |
| 60 years old or more | 7 | 5 | 4 | 6 | 34 | 47 | 282 | 347 | 335 | 387 | 384 | 393 | 347 | 323 | 288 | 234 | 224 | 277 | 299 | 340 | 301 | 340 |
| total | 150 | 114 | 117 | 317 | 554 | 792 | 3,711 | 4,117 | 3,681 | 3,524 | 3,125 | 2,986 | 2,876 | 2,860 | 2,513 | 2,469 | 2,220 | 2,396 | 2,393 | 2,523 | 2,252 | 2,362 |

Workers' number of workplace of industrial accidents in telecommunication service 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 | 14 | 8 | 7 | 8 | 15 | 13 | 85 | 71 | 116 | 97 | 81 | 75 | 95 | 93 | 57 | 65 | 75 | 59 | 48 | 71 | 74 | 60 |
| 10-29 | 17 | 11 | 13 | 25 | 43 | 21 | 274 | 225 | 131 | 112 | 84 | 80 | 87 | 68 | 59 | 49 | 24 | 36 | 24 | 40 | 47 | 40 |
| 30-49 | 7 | 8 | 7 | 20 | 21 | 14 | 185 | 144 | 96 | 121 | 90 | 117 | 108 | 114 | 59 | 26 | 24 | 14 | 23 | 16 | 19 | 23 |
| 50-99 | 18 | 12 | 16 | 42 | 80 | 85 | 463 | 461 | 308 | 337 | 376 | 304 | 288 | 291 | 184 | 163 | 141 | 178 | 158 | 183 | 184 | 196 |
| 100-299 | 46 | 29 | 24 | 88 | 203 | 357 | 1,277 | 1,375 | 1,279 | 1,326 | 1,252 | 1,142 | 1,110 | 1,161 | 1,129 | 1,021 | 937 | 996 | 977 | 1,062 | 948 | 1,080 |
| 300 workers or more | 48 | 46 | 50 | 134 | 192 | 302 | 1,427 | 1,841 | 1,751 | 1,531 | 1,242 | 1,268 | 1,188 | 1,133 | 1,025 | 1,145 | 1,019 | 1,113 | 1,163 | 1,151 | 980 | 963 |
| total | 150 | 114 | 117 | 317 | 554 | 792 | 3,711 | 4,117 | 3,681 | 3,524 | 3,125 | 2,986 | 2,876 | 2,860 | 2,513 | 2,469 | 2,220 | 2,396 | 2,393 | 2,523 | 2,252 | 2,362 |

Month of industrial accidents in telecommunication service 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 | 9 | 13 | 13 | 14 | 28 | 86 | 387 | 456 | 325 | 414 | 358 | 339 | 314 | 318 | 316 | 223 | 234 | 247 | 227 | 339 | 229 | 199 |
| February | 14 | 6 | 11 | 18 | 26 | 59 | 334 | 336 | 293 | 378 | 259 | 276 | 206 | 288 | 184 | 308 | 158 | 189 | 190 | 186 | 199 | 175 |
| March | 9 | 9 | 15 | 17 | 31 | 54 | 341 | 293 | 347 | 262 | 252 | 235 | 262 | 229 | 183 | 200 | 177 | 162 | 203 | 238 | 168 | 165 |
| April | 12 | 8 | 5 | 48 | 41 | 81 | 261 | 308 | 315 | 276 | 235 | 229 | 207 | 191 | 182 | 164 | 165 | 189 | 175 | 160 | 150 | 200 |
| May | 9 | 11 | 9 | 38 | 37 | 59 | 283 | 318 | 309 | 289 | 235 | 200 | 210 | 223 | 213 | 153 | 186 | 184 | 176 | 218 | 185 | 170 |
| June | 11 | 9 | 4 | 25 | 41 | 77 | 332 | 314 | 303 | 275 | 268 | 225 | 210 | 216 | 204 | 186 | 175 | 196 | 173 | 199 | 195 | 219 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| July | 19 | 11 | 8 | 35 | 58 | 63 | 314 | 375 | 372 | 283 | 286 | 273 | 222 | 223 | 215 | 207 | 216 | 209 | 190 | 218 | 234 | 266 |
| August | 13 | 12 | 4 | 36 | 48 | 58 | 358 | 293 | 325 | 258 | 217 | 231 | 222 | 172 | 193 | 201 | 176 | 184 | 169 | 178 | 197 | 176 |
| September | 16 | 5 | 11 | 30 | 32 | 58 | 241 | 305 | 244 | 229 | 202 | 195 | 239 | 214 | 163 | 172 | 161 | 205 | 191 | 170 | 176 | 182 |
| October | 9 | 14 | 14 | 25 | 59 | 77 | 292 | 362 | 297 | 268 | 270 | 253 | 245 | 237 | 223 | 202 | 184 | 197 | 257 | 189 | 174 | 192 |
| November | 17 | 12 | 12 | 17 | 66 | 50 | 248 | 350 | 258 | 271 | 249 | 217 | 265 | 213 | 197 | 195 | 171 | 217 | 199 | 211 | 159 | 181 |
| December | 12 | 4 | 11 | 14 | 87 | 70 | 320 | 407 | 293 | 321 | 294 | 313 | 274 | 336 | 240 | 258 | 217 | 217 | 243 | 217 | 186 | 237 |
| total | 150 | 114 | 117 | 317 | 554 | 792 | 3,711 | 4,117 | 3,681 | 3,524 | 3,125 | 2,986 | 2,876 | 2,860 | 2,513 | 2,469 | 2,220 | 2,396 | 2,393 | 2,523 | 2,252 | 2,362 |

Prefecture of industrial accidents in telecommunication service 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 | 5 | 2 | 3 | | 31 | | 202 | 294 | 316 | 233 | 198 | 169 | 147 | 172 | 136 | 159 | 117 | 136 | 159 | 161 | 145 | 160 |
| Aomori | 1 | 1 | 1 | | 2 | | 26 | 44 | 51 | 49 | 41 | 31 | 34 | 24 | 25 | 24 | 15 | 26 | 14 | 21 | 26 | 16 |
| Iwate | 1 | 0 | 3 | | 1 | | 62 | 59 | 44 | 67 | 47 | 38 | 53 | 31 | 47 | 32 | 27 | 17 | 24 | 31 | 19 | 21 |
| Miyagi | 1 | 1 | 3 | | 6 | | 91 | 89 | 97 | 90 | 77 | 83 | 74 | 70 | 65 | 60 | 55 | 54 | 53 | 50 | 42 | 40 |
| Akita | 0 | 1 | 2 | | 3 | | 24 | 18 | 27 | 24 | 31 | 20 | 29 | 30 | 20 | 19 | 14 | 15 | 21 | 20 | 26 | 21 |
| Yamagata | 1 | 3 | 1 | | 2 | | 54 | 47 | 25 | 60 | 36 | 32 | 34 | 36 | 23 | 26 | 22 | 26 | 26 | 21 | 23 | 17 |
| Fukushima | 4 | 1 | 1 | | 6 | | 78 | 105 | 95 | 76 | 73 | 53 | 59 | 57 | 46 | 38 | 32 | 31 | 33 | 47 | 41 | 42 |
| Ibaraki | 3 | 1 | 1 | | 2 | | 104 | 115 | 76 | 99 | 83 | 81 | 89 | 89 | 75 | 66 | 85 | 70 | 73 | 92 | 64 | 55 |
| Tochigi | 0 | 3 | 4 | | 2 | | 65 | 93 | 74 | 52 | 4 | 5 | 61 | 64 | 49 | 62 | 50 | 57 | 53 | 54 | 56 | 60 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Gunma | 3 | 2 | 1 | | 4 | | 75 | 73 | 54 | 70 | 52 | 80 | 61 | 68 | 67 | 68 | 50 | 70 | 49 | 56 | 62 | 47 |
| Saitama | 3 | 3 | 2 | | 2 | | 159 | 188 | 156 | 110 | 151 | 151 | 160 | 180 | 173 | 196 | 184 | 181 | 163 | 203 | 146 | 148 |
| Chiba | 2 | 1 | 0 | | 1 | | 90 | 197 | 137 | 132 | 159 | 147 | 158 | 153 | 140 | 144 | 136 | 138 | 130 | 141 | 112 | 108 |
| Tokyo | 33 | 31 | 17 | | 94 | | 353 | 428 | 315 | 274 | 230 | 259 | 222 | 270 | 250 | 239 | 198 | 197 | 207 | 222 | 197 | 204 |
| Kanagawa | 7 | 7 | 11 | | 22 | | 259 | 330 | 232 | 210 | 193 | 207 | 205 | 212 | 149 | 157 | 152 | 136 | 139 | 143 | 109 | 122 |
| Niigata | 1 | 5 | 1 | | 21 | | 65 | 81 | 84 | 74 | 72 | 60 | 60 | 75 | 47 | 46 | 37 | 36 | 35 | 39 | 28 | 37 |
| Toyama | 1 | 0 | 1 | | 1 | | 22 | 16 | 19 | 24 | 20 | 20 | 21 | 29 | 21 | 20 | 16 | 8 | 18 | 21 | 20 | 30 |
| Ishikawa | 5 | 2 | 1 | | 1 | | 25 | 28 | 24 | 25 | 29 | 29 | 23 | 25 | 22 | 21 | 14 | 16 | 23 | 28 | 20 | 26 |
| Fukui | 0 | 0 | 0 | | 1 | | 27 | 9 | 17 | 19 | 13 | 17 | 22 | 17 | 13 | 17 | 16 | 13 | 22 | 21 | 18 | 19 |
| Yamanashi | 2 | 1 | 0 | | 1 | | 37 | 35 | 31 | 33 | 22 | 35 | 33 | 17 | 24 | 23 | 16 | 15 | 18 | 16 | 16 | 21 |
| Nagano | 0 | 5 | 2 | | 7 | | 9 | 60 | 69 | 81 | 71 | 62 | 60 | 53 | 60 | 66 | 52 | 51 | 43 | 35 | 53 | 50 |
| Gifu | 1 | 1 | 2 | | 10 | | 60 | 66 | 57 | 79 | 48 | 65 | 48 | 59 | 43 | 41 | 33 | 35 | 41 | 36 | 31 | 45 |
| Shizuoka | 4 | 0 | 2 | | 29 | | 87 | 139 | 125 | 131 | 84 | 84 | 90 | 81 | 67 | 51 | 56 | 75 | 83 | 79 | 74 | 77 |
| Aichi | 7 | 1 | 5 | | 63 | | 273 | 282 | 271 | 252 | 177 | 207 | 188 | 181 | 163 | 149 | 129 | 160 | 153 | 182 | 172 | 147 |
| Mie | 0 | 1 | 2 | | 35 | | 91 | 100 | 90 | 65 | 66 | 65 | 58 | 64 | 41 | 33 | 47 | 33 | 42 | 38 | 44 | 27 |
| Shiga | 2 | 1 | 0 | | 0 | | 34 | 27 | 26 | 37 | 28 | 21 | 18 | 14 | 14 | 15 | 10 | 17 | 13 | 15 | 22 | 30 |
| Kyoto | 3 | 1 | 4 | | 5 | | 65 | 58 | 54 | 60 | 71 | 50 | 44 | 60 | 50 | 40 | 43 | 38 | 53 | 49 | 36 | 53 |
| Osaka | 10 | 14 | 9 | | 11 | | 222 | 232 | 167 | 177 | 174 | 112 | 155 | 124 | 105 | 108 | 85 | 142 | 138 | 119 | 107 | 140 |
| Hyogo | 7 | 4 | 6 | | 12 | | 149 | 152 | 107 | 103 | 112 | 107 | 98 | 69 | 88 | 59 | 76 | 121 | 99 | 119 | 83 | 94 |
| Nara | 1 | 1 | 0 | | 2 | | 47 | 32 | 28 | 32 | 41 | 37 | 25 | 19 | 33 | 34 | 28 | 38 | 40 | 31 | 21 | 27 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Wakayama | 0 | 0 | 0 | | 2 | | 35 | 14 | 27 | 24 | 32 | 32 | 21 | 12 | 17 | 24 | 18 | 18 | 21 | 17 | 12 | 20 |
| Tottori | 2 | 2 | 0 | | 1 | | 27 | 13 | 15 | 20 | 14 | 11 | 12 | 13 | 12 | 7 | 7 | 12 | 3 | 11 | 11 | 17 |
| Shimane | 2 | 1 | 0 | | 9 | | 7 | 30 | 30 | 38 | 35 | 36 | 27 | 19 | 17 | 18 | 19 | 18 | 16 | 20 | 20 | 11 |
| Okayama | 1 | 1 | 0 | | 12 | | 91 | 57 | 61 | 66 | 58 | 56 | 46 | 53 | 42 | 46 | 45 | 27 | 40 | 35 | 38 | 39 |
| Hiroshima | 6 | 4 | 3 | | 34 | | 116 | 92 | 82 | 91 | 98 | 95 | 73 | 85 | 63 | 59 | 61 | 55 | 68 | 54 | 60 | 65 |
| Yamaguchi | 1 | 1 | 6 | | 24 | | 70 | 59 | 61 | 47 | 44 | 34 | 30 | 39 | 32 | 28 | 31 | 18 | 21 | 29 | 25 | 21 |
| Tokushima | 2 | 2 | 1 | | 5 | | 20 | 21 | 14 | 24 | 21 | 24 | 19 | 23 | 27 | 23 | 17 | 29 | 18 | 17 | 23 | 19 |
| Kagawa | 0 | 1 | 1 | | 8 | | 31 | 27 | 41 | 27 | 24 | 33 | 28 | 30 | 20 | 21 | 22 | 25 | 14 | 26 | 19 | 21 |
| Ehime | 0 | 0 | 5 | | 7 | | 44 | 40 | 46 | 42 | 29 | 26 | 22 | 29 | 36 | 30 | 32 | 34 | 39 | 39 | 24 | 21 |
| Kochi | 1 | 1 | 3 | | 3 | | 19 | 17 | 23 | 16 | 18 | 12 | 21 | 23 | 18 | 18 | 16 | 20 | 19 | 13 | 21 | 19 |
| Fukuoka | 5 | 1 | 4 | | 29 | | 161 | 127 | 158 | 134 | 130 | 100 | 86 | 69 | 60 | 59 | 50 | 54 | 53 | 53 | 63 | 78 |
| Saga | 1 | 1 | 0 | | 7 | | 21 | 28 | 37 | 23 | 29 | 20 | 15 | 12 | 9 | 7 | 8 | 10 | 3 | 9 | 16 | 8 |
| Nagasaki | 2 | 0 | 4 | | 14 | | 41 | 45 | 46 | 50 | 37 | 39 | 36 | 15 | 19 | 18 | 22 | 21 | 22 | 22 | 25 | 29 |
| Kumamoto | 3 | 3 | 2 | | 6 | | 33 | 44 | 58 | 52 | 46 | 39 | 32 | 25 | 26 | 17 | 15 | 23 | 18 | 16 | 20 | 20 |
| Oita | 6 | 1 | 2 | | 6 | | 47 | 33 | 27 | 36 | 42 | 24 | 20 | 22 | 15 | 18 | 16 | 25 | 20 | 18 | 14 | 30 |
| Miyazaki | 6 | 0 | 0 | | 3 | | 47 | 27 | 35 | 31 | 18 | 18 | 14 | 6 | 11 | 19 | 10 | 14 | 6 | 16 | 11 | 9 |
| Kagoshima | 2 | 1 | 1 | | 5 | | 32 | 34 | 31 | 46 | 27 | 41 | 22 | 14 | 15 | 12 | 9 | 14 | 18 | 23 | 19 | 33 |
| Okinawa | 2 | 0 | 0 | | 2 | | 14 | 12 | 21 | 19 | 20 | 19 | 23 | 28 | 18 | 32 | 27 | 27 | 29 | 15 | 18 | 18 |
| total | 150 | 114 | 117 | | 554 | | 3,711 | 4,117 | 3,681 | 3,524 | 3,125 | 2,986 | 2,876 | 2,860 | 2,513 | 2,469 | 2,220 | 2,396 | 2,393 | 2,523 | 2,252 | 2,362 |

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 telecommunication service in Japan in 1999-2020

telecommunication service industry Code No.110101

Type of fatal accidents in telecommunication service 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 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| falling to same level | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| crash | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| struck by flying or falling object | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| collapse | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| crashed by | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| caught in/between | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| cut | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 2 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| contact to high/low-temperature | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 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 | 0 | 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) | 3 | 2 | 7 | 7 | 5 | 4 | 6 | 7 | 3 | 12 | 4 | 3 | 3 | 7 | 3 | 5 | 2 | 3 | 2 | 4 | 3 | 3 |
| traffic accident (others) | 0 | 0 | 0 | 0 | 0 | 1 | 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 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 14 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 |
| unclassifiable | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| total | 3 | 2 | 7 | 7 | 7 | 6 | 7 | 8 | 3 | 13 | 6 | 6 | 36 | 9 | 3 | 5 | 5 | 3 | 3 | 5 | 5 | 4 |

Causal agents (middle) of fatal accidents in telecommunication service 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 |
| conveying machine | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 3 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 |
| vehicle | 3 | 2 | 6 | 6 | 5 | 5 | 4 | 7 | 3 | 12 | 3 | 3 | 0 | 7 | 3 | 3 | 3 | 2 | 2 | 4 | 2 | 3 |
| 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 | 0 | 0 | 0 | 0 | 0 |
| human power machine, tools | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| tools | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| other equipments, facilities | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| temporary buildings, establishments | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 2 | 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 | 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 |
| natural environment | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 30 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 |
| other causal agent | 0 | 0 | 0 | 0 | 1 | 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 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 1 |
| unclassifiable | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| total | 3 | 2 | 7 | 7 | 7 | 6 | 7 | 8 | 3 | 13 | 6 | 6 | 36 | 9 | 3 | 5 | 5 | 3 | 3 | 5 | 5 | 4 |

Causal agents (small) of fatal accidents in telecommunication service 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| other woodworking machines | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| leveling, transporting or loading machine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| excavating machine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 0 | 0 | 0 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| vehicle for high lift work | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| other construction machines | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 0 | 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 |
| other general power machines | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| felling machine | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 |
| mobile logging machine | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 |
| skyline yarding machine | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 |
| other mobile silviculture machine | | | | | | | | | | | | | | | | | 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 |
| mobile crane | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 |
| elevator, lift | 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 |
| gondola | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| simple skyline yarding equipment | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 |
| other powered crane | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| truck | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 3 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | 0 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| other powered conveying machines | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| cars, bus, motorcycle | 3 | 2 | 6 | 6 | 4 | 4 | 4 | 7 | 3 | 12 | 3 | 3 | 0 | 7 | 3 | 3 | 3 | 2 | 2 | 4 | 2 | 3 |
| railway vehicle | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| other vehicles | 0 | 0 | 0 | 0 | 0 | 1 | 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 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | 0 | 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 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 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 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| slinging tool | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| other tools | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| other equipment, facilities | 0 | 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 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 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 | | | | | | | | | | | | | | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| board | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| other temporary buildings, establishments | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| standing tree | 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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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| water | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 30 | 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 |
| high/cold temperature environment | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 |
| other environments | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| other causal agent | 0 | 0 | 0 | 0 | 1 | 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 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 1 |
| unclassifiable | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| total | 3 | 2 | 7 | 7 | 7 | 6 | 7 | 8 | 3 | 13 | 6 | 6 | 36 | 9 | 3 | 5 | 5 | 3 | 3 | 5 | 5 | 4 |

Workers age of fatal accidents in telecommunication service 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-29 | 0 | 0 | 0 | 2 | 0 | 2 | 2 | 2 | 0 | 3 | 0 | 1 | 3 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 |
| 30-39 | 0 | 0 | 1 | 3 | 2 | 2 | 0 | 0 | 1 | 3 | 1 | 2 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 40-49 | 2 | 2 | 3 | 1 | 0 | 1 | 2 | 2 | 1 | 2 | 0 | 2 | 16 | 2 | 1 | 0 | 1 | 2 | 1 | 1 | 4 | 1 |
| 50-59 | 0 | 0 | 1 | 1 | 3 | 0 | 2 | 3 | 1 | 3 | 3 | 1 | 9 | 4 | 1 | 3 | 1 | 1 | 2 | 0 | 1 | 1 |
| 60 years old or more | 1 | 0 | 2 | 0 | 2 | 1 | 1 | 1 | 0 | 2 | 2 | 0 | 1 | 1 | 0 | 1 | 2 | 0 | 0 | 2 | 0 | 1 |
| total | 3 | 2 | 7 | 7 | 7 | 6 | 7 | 8 | 3 | 13 | 6 | 6 | 36 | 9 | 3 | 5 | 5 | 3 | 3 | 5 | 5 | 4 |

Workers' number of workplace of fatal accidents in telecommunication service 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10-29 | 2 | 0 | 2 | 2 | 1 | 1 | 2 | 1 | 0 | 1 | 1 | 0 | 7 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30-49 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 2 | 0 | 1 | 2 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 50-99 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 2 | 0 | 2 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 |
| 100-299 | 1 | 1 | 1 | 2 | 3 | 3 | 4 | 2 | 1 | 6 | 2 | 3 | 4 | 4 | 1 | 2 | 2 | 1 | 2 | 3 | 3 | 2 |
| 300 workers or more | 0 | 0 | 1 | 2 | 1 | 2 | 0 | 1 | 2 | 3 | 1 | 2 | 5 | 1 | 1 | 1 | 2 | 2 | 1 | 2 | 2 | 1 |
| total | 3 | 2 | 7 | 7 | 7 | 6 | 7 | 8 | 3 | 13 | 6 | 6 | 36 | 9 | 3 | 5 | 5 | 3 | 3 | 5 | 5 | 4 |

Month of fatal accidents in telecommunication service 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 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 |
| February | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 2 |
| March | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| April | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 |
| May | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| June | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 |
| July | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| August | 1 | 0 | 2 | 0 | 0 | 2 | 1 | 0 | 0 | 1 | 0 | 2 | 1 | 3 | 0 | 3 | 1 | 0 | 2 | 1 | 1 | 0 |
| September | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 |
| October | 0 | 0 | 1 | 2 | 1 | 0 | 2 | 3 | 0 | 0 | 0 | 1 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 |
| November | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 |
| December | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 4 | 1 | 1 | 3 | 1 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| total | 3 | 2 | 7 | 7 | 7 | 6 | 7 | 8 | 3 | 13 | 6 | 6 | 36 | 9 | 3 | 5 | 5 | 3 | 3 | 5 | 5 | 4 |

Prefecture of fatal accidents in telecommunication service 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 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aomori | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| Iwate | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miyagi | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 13 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Akita | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Yamagata | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Fukushima | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Ibaraki | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tochigi | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gunma | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saitama | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Chiba | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| Tokyo | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Kanagawa | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Niigata | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Toyama | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ishikawa | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Fukui | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Yamanashi | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Nagano | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Gifu | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shizuoka | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Aichi | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 1 |
| Mie | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shiga | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kyoto | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Osaka | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Hyogo | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nara | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wakayama | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tottori | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shimane | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Okayama | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hiroshima | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Yamaguchi | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tokushima | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kagawa | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Ehime | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kochi | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Fukuoka | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saga | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Nagasaki | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Kumamoto | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 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 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kagoshima | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Okinawa | 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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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| total | 3 | 2 | 7 | 7 | 7 | 6 | 7 | 8 | 3 | 13 | 6 | 6 | 36 | 9 | 3 | 5 | 5 | 3 | 3 | 5 | 5 | 4 |

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