Industrial accidents in education/research service in Japan in 1999-2020

education/research service industry Code No.1201

Type of accidents in education/research 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 | 82 | 110 | 112 | 119 | 107 | 131 | 142 | 156 | 152 | 158 | 157 | 147 | 131 | 149 | 170 | 151 | 161 | 174 | 197 | 176 | 194 | 210 |
| falling to same level | 209 | 214 | 245 | 215 | 225 | 240 | 302 | 267 | 290 | 301 | 269 | 298 | 261 | 309 | 316 | 349 | 340 | 361 | 363 | 406 | 412 | 427 |
| crash | 27 | 35 | 24 | 36 | 32 | 49 | 36 | 38 | 39 | 43 | 52 | 51 | 46 | 64 | 46 | 36 | 39 | 54 | 48 | 46 | 69 | 65 |
| struck by flying or falling object | 36 | 23 | 25 | 26 | 30 | 23 | 29 | 31 | 24 | 23 | 21 | 25 | 38 | 33 | 24 | 18 | 18 | 16 | 22 | 27 | 26 | 22 |
| collapse | 6 | 6 | 4 | 7 | 7 | 4 | 6 | 11 | 10 | 16 | 6 | 6 | 12 | 3 | 5 | 5 | 5 | 8 | 8 | 8 | 10 | 6 |
| crashed by | 30 | 32 | 38 | 29 | 17 | 48 | 28 | 34 | 32 | 43 | 42 | 36 | 34 | 37 | 40 | 46 | 34 | 41 | 44 | 43 | 52 | 55 |
| caught in/between | 49 | 37 | 40 | 33 | 30 | 40 | 41 | 37 | 33 | 35 | 41 | 29 | 35 | 35 | 41 | 27 | 38 | 33 | 28 | 35 | 39 | 45 |
| cut | 59 | 55 | 70 | 67 | 55 | 73 | 74 | 69 | 99 | 62 | 73 | 63 | 56 | 49 | 52 | 44 | 46 | 61 | 67 | 53 | 57 | 61 |
| injury to the sole of the foot | 0 | 4 | 2 | 1 | 1 | 1 | 0 | 1 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 0 | 2 | 1 | 1 | 2 | 2 | 2 |
| drown | 2 | 1 | 0 | - | 2 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 9 | 1 | 1 | 0 | 0 | 0 | 2 | 1 | 0 | 0 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| contact to high/low-temperature | 22 | 17 | 15 | 21 | 22 | 17 | 16 | 16 | 21 | 20 | 19 | 17 | 17 | 14 | 12 | 17 | 19 | 12 | 10 | 19 | 18 | 20 |
| contact to harmful substance | 8 | 5 | 3 | 6 | 8 | 4 | 9 | 5 | 8 | 5 | 5 | 4 | 9 | 3 | 4 | 3 | 6 | 4 | 13 | 3 | 5 | 6 |
| electric shock | 0 | 0 | 0 | 1 | 1 | - | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| explosion | 1 | 3 | 0 | - | 5 | 5 | 3 | 0 | 2 | 3 | 0 | 1 | 0 | 1 | 0 | 1 | 5 | 2 | 1 | 2 | 0 | 1 |
| burst | 1 | 4 | 1 | 4 | 2 | 1 | 2 | 0 | 1 | 1 | 3 | 3 | 0 | 0 | 0 | 1 | 1 | 2 | 1 | 1 | 1 | 0 |
| fire | 3 | 0 | 1 | - | 0 | 1 | 0 | 2 | 0 | 0 | 1 | 0 | 2 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| traffic accident (public road) | 42 | 38 | 42 | 49 | 35 | 26 | 34 | 35 | 54 | 48 | 24 | 37 | 36 | 39 | 45 | 42 | 44 | 37 | 37 | 33 | 39 | 30 |
| traffic accident (others) | 7 | 6 | 4 | 8 | 6 | 1 | 3 | 1 | 5 | 2 | 2 | 2 | 5 | 2 | 5 | 2 | 4 | 4 | 3 | 1 | 2 | 1 |
| reaction to motion/improper motion | 98 | 106 | 108 | 96 | 133 | 132 | 149 | 154 | 151 | 176 | 167 | 146 | 166 | 145 | 151 | 149 | 143 | 158 | 212 | 198 | 240 | 213 |
| others | 13 | 16 | 18 | 8 | 12 | 30 | 58 | 21 | 34 | 18 | 18 | 23 | 22 | 25 | 19 | 17 | 37 | 19 | 30 | 32 | 29 | 141 |
| unclassifiable | 4 | 5 | 8 | 11 | 8 | 10 | 9 | 4 | 5 | 9 | 4 | 9 | 6 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 2 |
| total | 699 | 717 | 760 | 737 | 738 | 837 | 942 | 882 | 962 | 965 | 907 | 900 | 888 | 914 | 937 | 912 | 948 | 991 | 1,092 | 1,090 | 1,200 | 1,307 |

Causal agents (middle) of industrial accidents in education/research 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 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| power transmission mechanism | 2 | 1 | 1 | - | 0 | 1 | 0 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 2 | 0 | 1 |
| woodworking machine | 6 | 5 | 10 | 9 | 4 | 10 | 11 | 4 | 10 | 10 | 10 | 7 | 10 | 10 | 13 | 5 | 11 | 13 | 10 | 6 | 11 | 10 |
| construction machine | 2 | 1 | 1 | 2 | 2 | 4 | 5 | 1 | 3 | 2 | 3 | 1 | 0 | 2 | 5 | 2 | 4 | 2 | 0 | 3 | 1 | 0 |
| metal manufacturing machine | 5 | 3 | 7 | 3 | 3 | 4 | 1 | 4 | 9 | 4 | 5 | 4 | 1 | 6 | 1 | 1 | 3 | 0 | 1 | 0 | 0 | 1 |
| general machine | 30 | 23 | 19 | 23 | 22 | 27 | 21 | 33 | 24 | 23 | 29 | 21 | 16 | 17 | 16 | 14 | 14 | 23 | 26 | 25 | 19 | 30 |
| mobile silviculture machine | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 1 | 0 | 1 |
| crane | 2 | 1 | 1 | 2 | 1 | 2 | 4 | 0 | 1 | 0 | 4 | 1 | 2 | 3 | 3 | 1 | 1 | 3 | 2 | 0 | 0 | 0 |
| conveying machine | 18 | 20 | 20 | 17 | 5 | 10 | 14 | 20 | 8 | 15 | 11 | 13 | 10 | 10 | 11 | 10 | 7 | 10 | 15 | 11 | 17 | 13 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| vehicle | 87 | 100 | 86 | 95 | 83 | 85 | 96 | 81 | 120 | 93 | 67 | 74 | 76 | 83 | 82 | 75 | 74 | 69 | 73 | 68 | 87 | 64 |
| pressure vessel | 3 | 2 | 1 | - | 1 | 3 | 1 | 0 | 1 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 |
| chemical facilities | 1 | 0 | 0 | - | 0 | - | 2 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| welding equipment | 1 | 0 | 0 | - | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| kiln, caldron | 2 | 2 | 2 | 2 | 2 | 1 | 3 | 2 | 3 | 1 | 2 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 |
| electric equipment | 1 | 1 | 3 | 1 | 1 | - | 0 | 2 | 3 | 0 | 1 | 1 | 1 | 1 | 2 | 5 | 1 | 2 | 0 | 4 | 5 | 3 |
| human power machine, tools | 50 | 41 | 59 | 53 | 46 | 50 | 57 | 49 | 72 | 56 | 51 | 46 | 35 | 45 | 49 | 52 | 34 | 51 | 60 | 47 | 53 | 50 |
| tools | 42 | 56 | 58 | 55 | 66 | 72 | 81 | 85 | 100 | 94 | 101 | 89 | 86 | 106 | 97 | 92 | 91 | 100 | 110 | 105 | 134 | 145 |
| other equipments, facilities | 15 | 16 | 18 | 22 | 21 | 25 | 25 | 26 | 24 | 24 | 30 | 28 | 28 | 33 | 27 | 32 | 43 | 29 | 25 | 35 | 29 | 45 |
| temporary buildings, establishments | 180 | 215 | 226 | 223 | 224 | 259 | 300 | 292 | 278 | 327 | 298 | 324 | 308 | 301 | 335 | 337 | 359 | 399 | 394 | 413 | 440 | 443 |
| hazards, harmful substances | 11 | 13 | 9 | 12 | 17 | 11 | 16 | 12 | 10 | 13 | 6 | 6 | 13 | 7 | 6 | 7 | 11 | 6 | 12 | 7 | 5 | 5 |
| materials | 32 | 25 | 22 | 21 | 19 | 15 | 16 | 27 | 22 | 28 | 13 | 18 | 18 | 18 | 18 | 19 | 20 | 19 | 18 | 21 | 20 | 17 |
| load | 19 | 17 | 25 | 16 | 25 | 17 | 16 | 28 | 29 | 33 | 28 | 26 | 28 | 17 | 15 | 15 | 26 | 17 | 27 | 30 | 44 | 20 |
| natural | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| environment | 74 | 65 | 62 | 70 | 64 | 62 | 77 | 75 | 91 | 68 | 69 | 74 | 85 | 79 | 86 | 93 | 78 | 80 | 97 | 95 | 78 | 102 |
| other causal agent | 52 | 44 | 54 | 42 | 43 | 82 | 89 | 66 | 68 | 63 | 47 | 60 | 57 | 50 | 63 | 53 | 76 | 50 | 69 | 76 | 84 | 171 |
| no causal agent | 54 | 58 | 67 | 54 | 77 | 79 | 91 | 69 | 74 | 90 | 116 | 98 | 93 | 111 | 103 | 92 | 90 | 114 | 141 | 136 | 169 | 182 |
| unclassifiable | 10 | 8 | 9 | 15 | 12 | 18 | 16 | 4 | 10 | 18 | 12 | 7 | 18 | 11 | 4 | 5 | 4 | 3 | 9 | 4 | 3 | 4 |
| total | 699 | 717 | 760 | 737 | 738 | 837 | 942 | 882 | 962 | 965 | 907 | 900 | 888 | 914 | 937 | 912 | 948 | 991 | 1,092 | 1,090 | 1,200 | 1,307 |

Causal agents (small) of industrial accidents in education/research 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 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| power transmission mechanism | | | 1 | | 0 | | 0 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 2 | 0 | 1 |
| circular sawing machine | | | 1 | | 2 | | 8 | 2 | 5 | 4 | 5 | 5 | 6 | 6 | 8 | 3 | 6 | 8 | 6 | 3 | 9 | 5 |
| band sawing machine | | | 1 | | 0 | | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| wood planer machine | | | 5 | | 1 | | 1 | 1 | 1 | 2 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| hollow chisel mortiser, wood | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| borer | | | | | | | | | | | | | | | | | | | | | | |
| chamfering machine, router, woodworking milling machine | | | 1 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| chain saw | | | 0 | | 1 | | 0 | 0 | 4 | 2 | 2 | 0 | 3 | 2 | 2 | 1 | 3 | 2 | 1 | 2 | 1 | 2 |
| other woodworking machines | | | 2 | | 0 | | 1 | 1 | 0 | 2 | 3 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 3 |
| leveling, transporting or loading machine | | | 0 | | 1 | | 3 | 0 | 2 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 2 | 1 | 0 | 3 | 1 | 0 |
| excavating machine | | | 0 | | 1 | | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| foundation work machine | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 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 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| vehicle for high lift work | | | 0 | | 0 | | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| other construction machines | | | 1 | | 0 | | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 3 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| lathe | | | 0 | | 0 | | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| drill press, milling machine | | | 0 | | 0 | | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| grinding machine, buffing machine | | | 1 | | 0 | | 0 | 2 | 4 | 1 | 2 | 2 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| power press | | | 0 | | 0 | | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| forging pressure hammer | | | 1 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| shearing machine | | | 0 | | 0 | | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| other metal manufacturing machines | | | 5 | | 3 | | 1 | 0 | 3 | 0 | 2 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 |
| centrifugal machine | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| mixer, grinder | | | 2 | | 0 | | 4 | 1 | 0 | 0 | 4 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 |
| roll machine (except printingroll machine) | | | 1 | | 0 | | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 3 |
| injection molding machine | | | 0 | | 0 | | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| food manufacturing | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| machine | | | 3 | | 7 | | 8 | 9 | 14 | 13 | 6 | 9 | 4 | 5 | 4 | 4 | 6 | 5 | 7 | 8 | 7 | 10 |
| printing machine | | | 0 | | 0 | | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 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 | | | 13 | | 15 | | 8 | 22 | 8 | 10 | 19 | 11 | 10 | 11 | 12 | 9 | 8 | 15 | 18 | 17 | 10 | 16 |
| felling machine | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 1 | 0 | 1 |
| crane | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| mobile crane | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 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 |
| elevator, lift | | | 1 | | 1 | | 4 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 2 | 0 | 1 | 1 | 1 | 0 | 0 | 0 |
| cargo lifting appliance | | | 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 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| truck | | | 7 | | 2 | | 10 | 12 | 5 | 10 | 6 | 5 | 8 | 7 | 7 | 7 | 5 | 7 | 11 | 8 | 11 | 10 |
| forklift | | | 0 | | 2 | | 0 | 0 | 0 | 2 | 3 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 2 | 0 | 0 |
| railway equipment | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| conveyor | | | 9 | | 1 | | 3 | 3 | 2 | 0 | 1 | 4 | 0 | 1 | 2 | 0 | 1 | 1 | 1 | 0 | 2 | 1 |
| loader | | | 0 | | 0 | | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| straddle carrier | | | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| other powered conveying machines | | | 3 | | 0 | | 1 | 3 | 1 | 3 | 1 | 3 | 2 | 1 | 2 | 2 | 0 | 0 | 1 | 1 | 4 | 1 |
| cars, bus, motorcycle | | | 81 | | 75 | | 91 | 72 | 114 | 91 | 65 | 64 | 70 | 79 | 77 | 70 | 74 | 63 | 67 | 65 | 82 | 62 |
| railway vehicle | | | 0 | | 0 | | 1 | 1 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| other vehicles | | | 5 | | 8 | | 4 | 8 | 5 | 2 | 2 | 8 | 6 | 4 | 5 | 4 | 0 | 5 | 6 | 3 | 5 | 2 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| boiler | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| pressure vessel | | | 0 | | 0 | | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| other pressure vessels | | | 1 | | 1 | | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| chemical facilities | | | 0 | | 0 | | 2 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| gas welding equipment | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 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 | | | 2 | | 2 | | 3 | 2 | 3 | 1 | 2 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 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 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| transmission | | | 2 | | 0 | | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 4 | 0 | 2 | 0 | 2 | 3 | 0 |
| electric power facilities | | | 0 | | 1 | | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 |
| other electrical equipment | | | 1 | | 0 | | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 2 | 1 | 3 |
| human power | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| cranes | | | 0 | | 1 | | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |
| human power hauling equipment | | | 16 | | 10 | | 11 | 12 | 18 | 20 | 10 | 12 | 6 | 20 | 19 | 29 | 13 | 24 | 29 | 21 | 25 | 22 |
| human power machine | | | 0 | | 0 | | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 1 |
| hand tool | | | 43 | | 35 | | 42 | 36 | 54 | 36 | 40 | 33 | 29 | 24 | 30 | 23 | 21 | 25 | 30 | 24 | 27 | 27 |
| ladder | | | 30 | | 37 | | 43 | 49 | 56 | 49 | 56 | 53 | 51 | 65 | 53 | 52 | 46 | 58 | 69 | 54 | 69 | 90 |
| slinging tool | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| other tools | | | 28 | | 29 | | 38 | 36 | 44 | 45 | 45 | 35 | 35 | 41 | 44 | 40 | 45 | 42 | 41 | 50 | 65 | 55 |
| other equipment, facilities | | | 18 | | 21 | | 25 | 26 | 24 | 24 | 30 | 28 | 28 | 33 | 27 | 32 | 43 | 29 | 25 | 35 | 29 | 45 |
| scaffolding | | | 1 | | 0 | | 1 | 3 | 1 | 3 | 1 | 3 | 0 | 1 | 1 | 1 | 1 | 4 | 1 | 1 | 1 | 1 |
| timbering | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| stairs, landing stage | | | 56 | | 56 | | 81 | 62 | 69 | 86 | 65 | 89 | 74 | 62 | 77 | 76 | 90 | 82 | 93 | 95 | 111 | 96 |
| opening | | | 5 | | 1 | | 2 | 2 | 3 | 7 | 4 | 5 | 1 | 1 | 6 | 2 | 5 | 5 | 4 | 2 | 4 | 2 |
| roof, beam, haze, crossbeam, principal rafter | | | 7 | | 3 | | 5 | 5 | 4 | 3 | 6 | 4 | 2 | 4 | 10 | 2 | 5 | 2 | 1 | 3 | 3 | 3 |
| working platform, | | | 27 | | 26 | | 27 | 38 | 32 | 34 | 34 | 31 | 34 | 40 | 37 | 34 | 37 | 43 | 38 | 33 | 37 | 37 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| boot board | | | | | | | | | | | | | | | | | | | | | | |
| passage | | | 80 | | 76 | | 115 | 103 | 106 | 137 | 115 | 123 | 95 | 123 | 131 | 157 | 149 | 176 | 176 | 191 | 191 | 206 |
| building, establishment | | | 25 | | 34 | | 36 | 41 | 32 | 31 | 44 | 38 | 60 | 41 | 36 | 30 | 37 | 34 | 36 | 46 | 49 | 46 |
| other temporary buildings, establishments | | | 25 | | 28 | | 33 | 38 | 31 | 26 | 29 | 31 | 42 | 29 | 37 | 35 | 35 | 53 | 45 | 42 | 44 | 52 |
| explosive substance | | | 0 | | 1 | | 1 | 0 | 1 | 3 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 |
| inflammable substance | | | 3 | | 1 | | 1 | 2 | 0 | 1 | 1 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| inflammable gas | | | 1 | | 1 | | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 1 | 0 | 0 |
| harmful substance | | | 1 | | 5 | | 5 | 3 | 5 | 5 | 4 | 5 | 3 | 1 | 3 | 2 | 1 | 3 | 4 | 3 | 3 | 2 |
| radiation | | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 |
| other hazards, harmful substances | | | 4 | | 9 | | 9 | 6 | 4 | 4 | 1 | 0 | 7 | 5 | 3 | 4 | 5 | 2 | 4 | 3 | 2 | 3 |
| metal material | | | 10 | | 4 | | 8 | 8 | 2 | 7 | 2 | 5 | 7 | 7 | 5 | 5 | 8 | 8 | 3 | 10 | 4 | 6 |
| lumber, bamboo | | | 4 | | 2 | | 3 | 8 | 2 | 8 | 1 | 3 | 4 | 5 | 4 | 3 | 4 | 5 | 3 | 5 | 3 | 1 |
| stone, sand, substance | | | 2 | | 4 | | 1 | 1 | 4 | 2 | 1 | 1 | 3 | 0 | 3 | 3 | 5 | 2 | 2 | 0 | 5 | 2 |
| other materials | | | 6 | | 9 | | 4 | 10 | 14 | 11 | 9 | 9 | 4 | 6 | 6 | 8 | 3 | 4 | 10 | 6 | 8 | 8 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| load | | | 22 | | 23 | | 14 | 24 | 27 | 31 | 25 | 22 | 25 | 13 | 14 | 14 | 25 | 15 | 26 | 27 | 36 | 19 |
| machine/equipment as load | | | 3 | | 2 | | 2 | 4 | 2 | 2 | 3 | 4 | 3 | 4 | 1 | 1 | 1 | 2 | 1 | 3 | 8 | 1 |
| natural ground, rock | | | 33 | | 23 | | 17 | 25 | 26 | 16 | 21 | 23 | 22 | 20 | 16 | 23 | 16 | 13 | 18 | 8 | 10 | 20 |
| standing tree | | | 6 | | 6 | | 8 | 13 | 16 | 8 | 9 | 7 | 7 | 10 | 5 | 7 | 9 | 7 | 10 | 10 | 6 | 11 |
| water | | | 2 | | 4 | | 2 | 1 | 4 | 3 | 2 | 0 | 12 | 5 | 2 | 4 | 0 | 0 | 3 | 2 | 2 | 2 |
| abnormal environment | | | 0 | | 0 | | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 |
| high/cold temperature environment | | | 2 | | 4 | | 2 | 1 | 8 | 6 | 2 | 3 | 6 | 3 | 1 | 3 | 7 | 6 | 5 | 13 | 5 | 10 |
| other environments | | | 19 | | 27 | | 48 | 35 | 36 | 35 | 35 | 40 | 37 | 41 | 61 | 55 | 46 | 53 | 60 | 62 | 55 | 59 |
| other causal agent | | | 54 | | 43 | | 89 | 66 | 68 | 63 | 47 | 60 | 57 | 50 | 63 | 53 | 76 | 50 | 69 | 76 | 84 | 171 |
| no causal agent | | | 67 | | 77 | | 91 | 69 | 74 | 90 | 116 | 98 | 93 | 111 | 103 | 92 | 90 | 114 | 141 | 136 | 169 | 182 |
| unclassifiable | | | 9 | | 12 | | 16 | 4 | 10 | 18 | 12 | 7 | 18 | 11 | 4 | 5 | 4 | 3 | 9 | 4 | 3 | 4 |
| total | | | 760 | | 738 | | 942 | 882 | 962 | 965 | 907 | 900 | 888 | 914 | 937 | 912 | 948 | 991 | 1,092 | 1,090 | 1,200 | 1,307 |

Workers age of industrial accidents in education/research 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 | 6 | 4 | 4 | 2 | 4 | 3 | 6 | 8 | 6 | 3 | 1 | 6 | 5 | 6 | 3 | 4 | 2 | 0 | 7 | 7 | 6 | 4 |
| 20-29 | 128 | 137 | 148 | 141 | 123 | 122 | 195 | 141 | 134 | 166 | 100 | 115 | 100 | 101 | 107 | 87 | 110 | 84 | 109 | 117 | 119 | 151 |
| 30-39 | 111 | 152 | 133 | 113 | 148 | 170 | 173 | 157 | 183 | 166 | 177 | 167 | 143 | 154 | 157 | 133 | 121 | 163 | 153 | 128 | 152 | 149 |
| 40-49 | 149 | 128 | 151 | 153 | 152 | 170 | 190 | 178 | 206 | 197 | 192 | 203 | 213 | 176 | 178 | 196 | 195 | 212 | 225 | 225 | 268 | 259 |
| 50-59 | 138 | 147 | 168 | 182 | 176 | 208 | 213 | 234 | 262 | 243 | 228 | 236 | 238 | 255 | 252 | 264 | 278 | 274 | 287 | 306 | 323 | 332 |
| 60 years old or more | 167 | 149 | 156 | 146 | 135 | 164 | 165 | 164 | 171 | 190 | 209 | 173 | 189 | 222 | 240 | 228 | 242 | 258 | 311 | 307 | 332 | 412 |
| total | 699 | 717 | 760 | 737 | 738 | 837 | 942 | 882 | 962 | 965 | 907 | 900 | 888 | 914 | 937 | 912 | 948 | 991 | 1,092 | 1,090 | 1,200 | 1,307 |

Workers' number of workplace of industrial accidents in education/research 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 | 119 | 152 | 151 | 131 | 144 | 153 | 167 | 163 | 184 | 165 | 171 | 186 | 171 | 168 | 180 | 140 | 156 | 159 | 149 | 145 | 171 | 206 |
| 10-29 | 200 | 179 | 188 | 208 | 183 | 208 | 213 | 227 | 224 | 231 | 214 | 227 | 204 | 208 | 218 | 242 | 243 | 248 | 281 | 272 | 301 | 300 |
| 30-49 | 103 | 124 | 123 | 123 | 127 | 142 | 140 | 124 | 149 | 156 | 139 | 141 | 124 | 152 | 141 | 163 | 140 | 135 | 194 | 200 | 218 | 254 |
| 50-99 | 92 | 114 | 113 | 99 | 113 | 109 | 121 | 119 | 137 | 135 | 127 | 97 | 122 | 120 | 135 | 109 | 139 | 125 | 141 | 144 | 188 | 214 |
| 100-299 | 111 | 75 | 108 | 92 | 100 | 94 | 122 | 118 | 121 | 141 | 118 | 101 | 107 | 111 | 128 | 114 | 114 | 121 | 150 | 137 | 140 | 151 |
| 300 workers or | 74 | 73 | 77 | 84 | 71 | 131 | 179 | 131 | 147 | 137 | 138 | 148 | 160 | 155 | 135 | 144 | 156 | 203 | 177 | 192 | 182 | 182 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| more | | | | | | | | | | | | | | | | | | | | | | |
| total | 699 | 717 | 760 | 737 | 738 | 837 | 942 | 882 | 962 | 965 | 907 | 900 | 888 | 914 | 937 | 912 | 948 | 991 | 1,092 | 1,090 | 1,200 | 1,307 |

Month of industrial accidents in education/research 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 | 58 | 65 | 67 | 61 | 60 | 69 | 98 | 83 | 94 | 85 | 83 | 86 | 86 | 98 | 76 | 76 | 98 | 110 | 90 | 107 | 92 | 101 |
| February | 66 | 55 | 59 | 47 | 77 | 72 | 80 | 78 | 64 | 95 | 64 | 67 | 81 | 88 | 105 | 101 | 83 | 78 | 103 | 100 | 91 | 87 |
| March | 63 | 49 | 43 | 59 | 38 | 67 | 72 | 55 | 72 | 66 | 70 | 68 | 85 | 63 | 60 | 70 | 80 | 65 | 73 | 81 | 79 | 83 |
| April | 48 | 58 | 63 | 44 | 55 | 86 | 73 | 64 | 76 | 83 | 82 | 72 | 76 | 75 | 83 | 64 | 105 | 66 | 101 | 84 | 90 | 94 |
| May | 62 | 82 | 82 | 63 | 67 | 63 | 71 | 89 | 94 | 85 | 78 | 96 | 80 | 81 | 91 | 82 | 90 | 82 | 73 | 113 | 96 | 69 |
| June | 63 | 71 | 55 | 74 | 81 | 77 | 93 | 85 | 91 | 86 | 93 | 86 | 88 | 78 | 80 | 88 | 89 | 103 | 109 | 107 | 118 | 161 |
| July | 69 | 63 | 68 | 78 | 62 | 65 | 115 | 67 | 92 | 80 | 95 | 86 | 54 | 81 | 71 | 88 | 79 | 83 | 85 | 93 | 107 | 122 |
| August | 62 | 48 | 57 | 66 | 58 | 39 | 42 | 67 | 77 | 60 | 59 | 64 | 64 | 65 | 49 | 51 | 52 | 80 | 84 | 83 | 91 | 91 |
| September | 65 | 60 | 73 | 61 | 62 | 79 | 89 | 78 | 91 | 101 | 74 | 83 | 70 | 73 | 75 | 88 | 68 | 93 | 104 | 81 | 108 | 117 |
| October | 57 | 63 | 60 | 79 | 69 | 69 | 77 | 81 | 80 | 88 | 71 | 70 | 80 | 71 | 88 | 63 | 77 | 89 | 94 | 86 | 135 | 115 |
| November | 44 | 55 | 72 | 66 | 54 | 88 | 68 | 81 | 74 | 74 | 80 | 68 | 64 | 73 | 91 | 70 | 67 | 90 | 89 | 78 | 105 | 107 |
| December | 42 | 48 | 61 | 39 | 55 | 63 | 64 | 54 | 57 | 62 | 58 | 54 | 60 | 68 | 68 | 71 | 60 | 52 | 87 | 77 | 88 | 160 |
| total | 699 | 717 | 760 | 737 | 738 | 837 | 942 | 882 | 962 | 965 | 907 | 900 | 888 | 914 | 937 | 912 | 948 | 991 | 1,092 | 1,090 | 1,200 | 1,307 |

Prefecture of industrial accidents in education/research 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 | 31 | 30 | 24 | | 23 | | 58 | 50 | 67 | 38 | 49 | 43 | 38 | 40 | 42 | 37 | 41 | 54 | 66 | 52 | 77 | 61 |
| Aomori | 9 | 5 | 6 | | 7 | | 6 | 10 | 4 | 5 | 5 | 9 | 10 | 10 | 23 | 10 | 11 | 10 | 9 | 8 | 9 | 9 |
| Iwate | 11 | 10 | 9 | | 11 | | 13 | 6 | 11 | 5 | 7 | 15 | 18 | 12 | 19 | 25 | 12 | 13 | 15 | 16 | 13 | 19 |
| Miyagi | 18 | 18 | 20 | | 9 | | 9 | 18 | 17 | 12 | 16 | 21 | 26 | 35 | 29 | 17 | 19 | 10 | 17 | 29 | 23 | 35 |
| Akita | 12 | 5 | 3 | | 8 | | 6 | 6 | 8 | 8 | 11 | 6 | 3 | 5 | 9 | 5 | 11 | 8 | 4 | 13 | 12 | 17 |
| Yamagata | 6 | 6 | 3 | | 12 | | 12 | 12 | 9 | 4 | 8 | 6 | 12 | 7 | 14 | 4 | 12 | 9 | 12 | 13 | 13 | 7 |
| Fukushima | 13 | 16 | 8 | | 10 | | 17 | 14 | 13 | 9 | 18 | 11 | 10 | 12 | 18 | 15 | 11 | 10 | 9 | 16 | 16 | 16 |
| Ibaraki | 12 | 16 | 24 | | 19 | | 31 | 30 | 33 | 21 | 43 | 32 | 37 | 34 | 35 | 33 | 36 | 38 | 38 | 36 | 44 | 28 |
| Tochigi | 7 | 14 | 14 | | 14 | | 20 | 12 | 15 | 14 | 11 | 17 | 23 | 15 | 16 | 18 | 22 | 17 | 19 | 24 | 19 | 24 |
| Gunma | 22 | 21 | 12 | | 16 | | 21 | 13 | 19 | 11 | 17 | 25 | 16 | 9 | 18 | 13 | 16 | 21 | 29 | 20 | 28 | 31 |
| Saitama | 30 | 40 | 38 | | 50 | | 42 | 43 | 53 | 46 | 47 | 35 | 51 | 48 | 59 | 52 | 28 | 39 | 44 | 46 | 53 | 55 |
| Chiba | 26 | 23 | 35 | | 33 | | 42 | 61 | 47 | 54 | 31 | 50 | 36 | 32 | 36 | 40 | 42 | 37 | 41 | 46 | 54 | 76 |
| Tokyo | 69 | 59 | 95 | | 67 | | 82 | 59 | 90 | 93 | 80 | 94 | 104 | 92 | 90 | 88 | 83 | 115 | 114 | 109 | 99 | 117 |
| Kanagawa | 27 | 43 | 44 | | 57 | | 94 | 50 | 73 | 109 | 73 | 65 | 67 | 73 | 69 | 70 | 82 | 80 | 74 | 75 | 88 | 79 |
| Niigata | 10 | 6 | 13 | | 11 | | 26 | 28 | 15 | 17 | 18 | 14 | 16 | 12 | 22 | 22 | 17 | 10 | 20 | 18 | 29 | 29 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Toyama | 7 | 4 | 3 | | 6 | | 9 | 6 | 8 | 10 | 9 | 2 | 8 | 13 | 4 | 6 | 12 | 9 | 8 | 9 | 8 | 17 |
| Ishikawa | 15 | 4 | 7 | | 8 | | 14 | 6 | 10 | 5 | 9 | 19 | 8 | 16 | 14 | 11 | 7 | 12 | 15 | 17 | 13 | 18 |
| Fukui | 5 | 6 | 14 | | 6 | | 3 | 8 | 8 | 7 | 3 | 10 | 2 | 9 | 3 | 6 | 7 | 7 | 10 | 8 | 3 | 7 |
| Yamanashi | 2 | 3 | 4 | | 6 | | 3 | 4 | 2 | 1 | 4 | 3 | 2 | 6 | 9 | 9 | 9 | 8 | 3 | 3 | 6 | 4 |
| Nagano | 13 | 10 | 14 | | 14 | | 12 | 8 | 17 | 19 | 18 | 12 | 18 | 14 | 29 | 16 | 22 | 21 | 13 | 13 | 17 | 30 |
| Gifu | 13 | 12 | 12 | | 4 | | 16 | 15 | 7 | 7 | 11 | 12 | 13 | 14 | 11 | 13 | 21 | 18 | 12 | 12 | 19 | 16 |
| Shizuoka | 49 | 34 | 35 | | 34 | | 32 | 34 | 28 | 29 | 19 | 22 | 31 | 22 | 24 | 36 | 37 | 29 | 42 | 37 | 40 | 38 |
| Aichi | 28 | 33 | 24 | | 28 | | 43 | 41 | 30 | 44 | 50 | 35 | 37 | 38 | 35 | 48 | 43 | 48 | 50 | 43 | 53 | 70 |
| Mie | 13 | 6 | 7 | | 5 | | 10 | 17 | 10 | 21 | 18 | 12 | 19 | 17 | 14 | 21 | 12 | 16 | 24 | 36 | 23 | 29 |
| Shiga | 2 | 4 | 5 | | 1 | | 6 | 8 | 7 | 6 | 10 | 4 | 8 | 9 | 3 | 9 | 12 | 5 | 9 | 4 | 7 | 8 |
| Kyoto | 24 | 23 | 21 | | 16 | | 29 | 28 | 41 | 28 | 14 | 32 | 25 | 26 | 29 | 19 | 33 | 18 | 27 | 35 | 27 | 29 |
| Osaka | 62 | 75 | 53 | | 61 | | 70 | 57 | 70 | 79 | 58 | 74 | 40 | 47 | 48 | 58 | 71 | 82 | 74 | 78 | 84 | 84 |
| Hyogo | 23 | 19 | 19 | | 28 | | 43 | 42 | 49 | 60 | 41 | 36 | 42 | 44 | 29 | 23 | 37 | 26 | 38 | 37 | 47 | 47 |
| Nara | 1 | 5 | 8 | | 10 | | 6 | 6 | 9 | 8 | 9 | 6 | 3 | 10 | 5 | 11 | 6 | 8 | 9 | 8 | 10 | 7 |
| Wakayama | 5 | 12 | 3 | | 8 | | 9 | 5 | 7 | 6 | 11 | 7 | 7 | 6 | 2 | 3 | 4 | 8 | 7 | 6 | 9 | 6 |
| Tottori | 4 | 8 | 6 | | 7 | | 4 | 9 | 2 | 6 | 8 | 5 | 4 | 6 | 13 | 5 | 6 | 7 | 3 | 4 | 4 | 10 |
| Shimane | 7 | 4 | 4 | | 3 | | 8 | 13 | 9 | 4 | 10 | 5 | 8 | 4 | 5 | 11 | 4 | 4 | 12 | 8 | 11 | 14 |
| Okayama | 13 | 6 | 15 | | 15 | | 11 | 14 | 9 | 19 | 14 | 22 | 14 | 20 | 10 | 17 | 19 | 8 | 16 | 12 | 19 | 36 |
| Hiroshima | 15 | 25 | 21 | | 16 | | 21 | 20 | 22 | 24 | 24 | 19 | 22 | 29 | 17 | 21 | 14 | 25 | 25 | 29 | 44 | 32 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Yamaguchi | 9 | 7 | 3 | | 8 | | 3 | 9 | 10 | 11 | 10 | 8 | 10 | 15 | 11 | 14 | 9 | 14 | 11 | 11 | 8 | 9 |
| Tokushima | 5 | 9 | 4 | | 8 | | 6 | 4 | 5 | 0 | 10 | 4 | 4 | 9 | 1 | 2 | 2 | 6 | 9 | 11 | 8 | 7 |
| Kagawa | 5 | 7 | 8 | | 5 | | 8 | 4 | 7 | 11 | 8 | 5 | 8 | 5 | 6 | 7 | 6 | 12 | 9 | 17 | 13 | 16 |
| Ehime | 1 | 2 | 5 | | 1 | | 7 | 5 | 4 | 5 | 5 | 5 | 4 | 5 | 7 | 7 | 4 | 6 | 12 | 7 | 18 | 15 |
| Kochi | 3 | 4 | 4 | | 6 | | 8 | 6 | 8 | 4 | 10 | 9 | 4 | 7 | 8 | 6 | 1 | 6 | 5 | 13 | 8 | 12 |
| Fukuoka | 22 | 43 | 48 | | 26 | | 29 | 35 | 32 | 41 | 33 | 33 | 26 | 36 | 40 | 30 | 37 | 39 | 42 | 37 | 36 | 45 |
| Saga | 6 | 3 | 1 | | 2 | | 4 | 7 | 5 | 6 | 11 | 10 | 6 | 4 | 6 | 8 | 6 | 3 | 9 | 16 | 13 | 6 |
| Nagasaki | 12 | 3 | 8 | | 10 | | 8 | 12 | 12 | 11 | 9 | 3 | 7 | 8 | 7 | 9 | 4 | 12 | 13 | 13 | 12 | 12 |
| Kumamoto | 9 | 8 | 16 | | 20 | | 11 | 12 | 13 | 23 | 17 | 19 | 7 | 9 | 12 | 8 | 9 | 17 | 13 | 11 | 14 | 20 |
| Oita | 5 | 10 | 11 | | 12 | | 6 | 11 | 14 | 7 | 3 | 7 | 5 | 3 | 8 | 5 | 6 | 6 | 11 | 7 | 5 | 9 |
| Miyazaki | 4 | 6 | 10 | | 5 | | 7 | 12 | 13 | 5 | 7 | 7 | 9 | 5 | 9 | 7 | 13 | 8 | 8 | 4 | 11 | 9 |
| Kagoshima | 8 | 9 | 15 | | 7 | | 12 | 6 | 14 | 5 | 6 | 4 | 14 | 14 | 14 | 13 | 21 | 19 | 20 | 18 | 22 | 30 |
| Okinawa | 6 | 1 | 4 | | 5 | | 5 | 6 | 6 | 7 | 4 | 6 | 6 | 8 | 5 | 4 | 11 | 13 | 22 | 5 | 11 | 12 |
| total | 699 | 717 | 760 | | 738 | | 942 | 882 | 962 | 965 | 907 | 900 | 888 | 914 | 937 | 912 | 948 | 991 | 1,092 | 1,090 | 1,200 | 1,307 |

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

==========

Fatal accidents in education/research service in Japan in 1999-2020

education/research service industry Code No.1201

Type of fatal accidents in education/research 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 | 2 | 0 | 3 | 0 | 3 | 1 | 1 | 3 | 2 | 3 | 1 | 2 | 0 | 3 | 6 | 1 | 1 | 4 | 3 | 2 | 0 | 1 |
| falling to same level | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| crash | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| struck by flying or falling object | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| collapse | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| crashed by | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| caught in/between | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 |
| cut | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 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 | 2 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 9 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 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 | 0 | 0 | 0 | 0 |
| contact to harmful substance | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 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 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 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 | 1 | 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 | 1 | 1 | 2 | 4 | 0 | 2 | 2 | 1 | 2 | 1 | 0 | 0 | 0 | 1 | 3 | 3 | 1 | 2 | 1 | 0 | 0 |
| traffic accident (others) | 3 | 2 | 0 | 1 | 2 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 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 | 1 | 0 | 0 | 1 | 0 | 1 | 4 | 4 | 0 | 1 | 2 | 2 | 2 | 2 | 0 | 1 |
| unclassifiable | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| total | 12 | 5 | 4 | 4 | 16 | 5 | 10 | 5 | 4 | 8 | 5 | 6 | 22 | 9 | 8 | 6 | 7 | 8 | 8 | 7 | 2 | 4 |

Causal agents (middle) of fatal accidents in education/research 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 | 1 | 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 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| construction machine | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 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 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 1 | 1 |
| vehicle | 7 | 3 | 1 | 3 | 9 | 1 | 3 | 2 | 2 | 1 | 1 | 1 | 4 | 0 | 1 | 2 | 2 | 1 | 2 | 1 | 0 | 1 |
| 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 | 1 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| tools | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 2 | 0 | 1 | 3 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| other equipments, facilities | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| temporary buildings, establishments | 2 | 0 | 2 | 0 | 1 | 0 | 0 | 1 | 0 | 2 | 1 | 1 | 3 | 1 | 3 | 0 | 1 | 3 | 3 | 1 | 0 | 0 |
| hazards, harmful substances | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 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 | 1 | 1 | 0 | 1 | 2 | 1 | 2 | 1 | 0 | 2 | 0 | 0 | 11 | 1 | 1 | 0 | 0 | 2 | 0 | 3 | 1 | 0 |
| other causal agent | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| no causal agent | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 4 | 0 | 1 | 2 | 1 | 2 | 1 | 0 | 0 |
| unclassifiable | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| total | 12 | 5 | 4 | 4 | 16 | 5 | 10 | 5 | 4 | 8 | 5 | 6 | 22 | 9 | 8 | 6 | 7 | 8 | 8 | 7 | 2 | 4 |

Causal agents (small) of fatal accidents in education/research 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 | 1 | 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 | 1 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| machines | | | | | | | | | | | | | | | | | | | | | | |
| leveling, transporting or loading machine | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| excavating machine | 0 | 0 | 0 | 0 | 1 | 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 | 1 | 0 | 0 | 0 | 0 | 0 | 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 | 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 | 0 |
| felling machine | | | | | | | | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 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 | 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 | 0 | 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 | 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 | 0 |
| truck | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 1 | 0 |
| 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 | 1 |
| 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 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| cars, bus, motorcycle | 4 | 1 | 1 | 2 | 6 | 1 | 1 | 2 | 1 | 1 | 1 | 0 | 2 | 0 | 1 | 2 | 2 | 1 | 2 | 1 | 0 | 0 |
| railway vehicle | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| other vehicles | 3 | 2 | 0 | 1 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 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 | 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 | 1 | 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 | 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 | 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 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 2 | 0 | 1 | 3 | 1 | 0 | 0 | 0 | 1 | 0 | 1 |
| 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 | 1 | 0 | 0 | 0 | 0 |
| other equipment, facilities | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| scaffolding | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 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 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| opening | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| roof, beam, haze, crossbeam, principal rafter | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| working platform, boot 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 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 3 | 0 | 0 | 0 | 1 | 1 | 2 | 1 | 0 | 0 |
| other temporary buildings, establishments | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 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 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| harmful substance | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 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 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| standing tree | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| water | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 10 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 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 | 0 | 0 | 0 | 0 |
| other environments | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| other causal agent | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| no causal agent | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 4 | 0 | 1 | 2 | 1 | 2 | 1 | 0 | 0 |
| unclassifiable | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| total | 12 | 5 | 4 | 4 | 16 | 5 | 10 | 5 | 4 | 8 | 5 | 6 | 22 | 9 | 8 | 6 | 7 | 8 | 8 | 7 | 2 | 4 |

Workers age of fatal accidents in education/research 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 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-29 | 1 | 3 | 1 | 1 | 3 | 1 | 0 | 1 | 1 | 2 | 0 | 1 | 3 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 |
| 30-39 | 3 | 0 | 0 | 2 | 3 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 5 | 2 | 0 | 0 | 0 | 1 | 0 | 2 | 1 | 0 |
| 40-49 | 4 | 0 | 1 | 1 | 4 | 0 | 3 | 0 | 0 | 2 | 1 | 0 | 5 | 4 | 0 | 0 | 3 | 3 | 0 | 2 | 0 | 0 |
| 50-59 | 3 | 1 | 0 | 0 | 4 | 2 | 3 | 1 | 1 | 0 | 0 | 1 | 6 | 1 | 2 | 2 | 2 | 2 | 4 | 3 | 1 | 0 |
| 60 years old or more | 1 | 1 | 2 | 0 | 2 | 1 | 3 | 2 | 1 | 4 | 3 | 3 | 3 | 2 | 5 | 4 | 0 | 2 | 3 | 0 | 0 | 4 |
| total | 12 | 5 | 4 | 4 | 16 | 5 | 10 | 5 | 4 | 8 | 5 | 6 | 22 | 9 | 8 | 6 | 7 | 8 | 8 | 7 | 2 | 4 |

Workers' number of workplace of fatal accidents in education/research 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 | 1 | 1 | 1 | 0 | 2 | 1 | 2 | 0 | 0 | 0 | 1 | 1 | 6 | 3 | 1 | 0 | 3 | 1 | 1 | 0 | 1 | 1 |
| 10-29 | 4 | 2 | 2 | 3 | 4 | 0 | 3 | 3 | 1 | 2 | 2 | 1 | 7 | 3 | 3 | 1 | 2 | 2 | 2 | 2 | 0 | 0 |
| 30-49 | 2 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 3 | 1 | 0 | 2 | 2 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| 50-99 | 0 | 0 | 0 | 0 | 3 | 1 | 3 | 0 | 1 | 1 | 1 | 0 | 2 | 0 | 1 | 0 | 0 | 3 | 0 | 3 | 0 | 1 |
| 100-299 | 2 | 1 | 0 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 0 | 3 | 3 | 0 | 2 | 2 | 0 | 1 | 0 | 1 | 1 | 0 |
| 300 workers or more | 3 | 1 | 1 | 0 | 4 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 2 | 1 | 1 | 2 | 2 | 1 | 4 | 1 | 0 | 2 |
| total | 12 | 5 | 4 | 4 | 16 | 5 | 10 | 5 | 4 | 8 | 5 | 6 | 22 | 9 | 8 | 6 | 7 | 8 | 8 | 7 | 2 | 4 |

Month of fatal accidents in education/research 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 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 2 | 0 | 4 | 2 | 1 | 2 | 0 | 1 | 0 | 0 | 1 |
| February | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 2 | 1 | 0 | 0 | 0 |
| March | 4 | 0 | 1 | 1 | 1 | 1 | 2 | 0 | 2 | 0 | 1 | 0 | 14 | 0 | 0 | 2 | 0 | 0 | 2 | 1 | 0 | 1 |
| April | 1 | 0 | 1 | 0 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 |
| May | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 2 | 0 | 1 | 0 | 0 | 0 |
| June | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 1 | 0 | 1 |
| July | 2 | 1 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| August | 1 | 0 | 0 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 3 | 1 | 1 | 1 | 0 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| September | 1 | 1 | 0 | 0 | 4 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| October | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| November | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| December | 2 | 1 | 1 | 0 | 2 | 0 | 2 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| total | 12 | 5 | 4 | 4 | 16 | 5 | 10 | 5 | 4 | 8 | 5 | 6 | 22 | 9 | 8 | 6 | 7 | 8 | 8 | 7 | 2 | 4 |

Prefecture of fatal accidents in education/research 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 | 2 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Aomori | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Iwate | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miyagi | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Akita | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Yamagata | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fukushima | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Ibaraki | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Tochigi | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Gunma | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Saitama | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| Chiba | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tokyo | 1 | 1 | 0 | 1 | 2 | 0 | 1 | 0 | 2 | 2 | 4 | 0 | 4 | 2 | 0 | 1 | 2 | 0 | 1 | 0 | 1 | 2 |
| Kanagawa | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 1 | 0 | 2 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 |
| Niigata | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Toyama | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ishikawa | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 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 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Nagano | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gifu | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shizuoka | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aichi | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 |
| Mie | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| Shiga | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 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 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Osaka | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 |
| Hyogo | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| Nara | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Wakayama | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Tottori | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Okayama | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hiroshima | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Yamaguchi | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tokushima | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kagawa | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Ehime | 0 | 0 | 0 | 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 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fukuoka | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Saga | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nagasaki | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kumamoto | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 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 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Kagoshima | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Okinawa | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| total | 12 | 5 | 4 | 4 | 16 | 5 | 10 | 5 | 4 | 8 | 5 | 6 | 22 | 9 | 8 | 6 | 7 | 8 | 8 | 7 | 2 | 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