Fatal and non-fatal accidents in other fiber products in Japan in 1999-2021

other fiber products industry Code No.010309

Type of accidents in other fiber products in 1999-2021

| 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 | 2021 | total | Type of accidents |
|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|--|
| fall from height | 28 | 47 | 41 | 22 | 35 | 27 | 29 | 34 | 28 | 18 | 22 | 29 | 22 | 25 | 25 | 23 | 17 | 16 | 19 | 26 | 27 | 17 | 24 | 601 | fall from height |
| falling to same level | 84 | 77 | 64 | 50 | 49 | 39 | 50 | 43 | 47 | 53 | 44 | 33 | 42 | 43 | 42 | 35 | 42 | 38 | 39 | 38 | 36 | 45 | 30 | 1,063 | falling to same level |
| crash | 19 | 15 | 14 | 7 | 9 | 8 | 12 | 12 | 5 | 16 | 9 | 6 | 5 | 8 | 3 | 4 | 7 | 6 | 5 | 3 | 9 | 4 | 6 | 192 | crash |
| struck by flying or falling object | 9 | 6 | 17 | 6 | 8 | 9 | 5 | 5 | 5 | 3 | 4 | 6 | 7 | 7 | 8 | 8 | 5 | 8 | 4 | 4 | 5 | 6 | 4 | 149 | struck by flying or falling object |
| collapse | 3 | 1 | 1 | 7 | 1 | 1 | 5 | 2 | 1 | 2 | 2 | | 2 | 4 | 2 | | 2 | 2 | 1 | | | | 3 | 42 | collapse |
| crashed by | 9 | 12 | 8 | 7 | 2 | 5 | 4 | 3 | 9 | 4 | 4 | 2 | 3 | 2 | 3 | 4 | 3 | 4 | 3 | 2 | 2 | 3 | | 98 | crashed by |
| caught in/between | 100 | 93 | 82 | 67 | 73 | 74 | 51 | 63 | 70 | 38 | 39 | 44 | 50 | 52 | 32 | 40 | 40 | 41 | 38 | 31 | 32 | 31 | 32 | 1,213 | caught in/between |
| cut | 57 | 54 | 43 | 42 | 21 | 22 | 31 | 25 | 20 | 22 | 20 | 17 | 11 | 15 | 14 | 17 | 12 | 12 | 14 | 11 | 11 | 12 | 14 | 517 | cut |
| injury to the sole of the foot | | 1 | 1 | 1 | | | 1 | | | | | 2 | | | | | | | 1 | | | 1 | 2 | 10 | injury to the sole |
| drown | | | | | | | | | | | | | 1 | | | | | | | | | | | 1 | drown |
| contact to high/low- temperature | 5 | 7 | 5 | 3 | 4 | 6 | 4 | 3 | 5 | 4 | 2 | 4 | 4 | 3 | 2 | 1 | 3 | 4 | 2 | 2 | 2 | 1 | 4 | 80 | contact to high/low- temperature |

| contact to harmful | | | | | | | | | | | | | | | | | | | | | | | | | contact to |
|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|------------------|
| | 1 | | | | 1 | | | 3 | 1 | | | | 1 | | | | 1 | | | | 1 | | 3 | 12 | harmful |
| substance | | | | | | | | | | | | | | | | | | | | | | | | | substance |
| electric shock | | | | | | 2 | | 2 | | | | | | 1 | 1 | | | | | | | 1 | | 7 | electric shock |
| explosion | | | | | | | | | | | | | | | | | | | | | 1 | | | 1 | explosion |
| burst | | | | | 1 | | | | | | | | | | | | | | | | | | | 1 | burst |
| fire | | | | | | | | | | | | 2 | | | | 1 | | | | | | | | 3 | fire |
| traffic accident (public | 7 | 11 | 7 | 4 | 6 | 2 | 2 | 6 | 3 | 2 | 1 | 1 | 1 | 2 | 1 | | | 3 | | 5 | 1 | 1 | 2 | 68 | traffic accident |
| road) | | 11 | | | | | | | | | | | I | | 1 | | | 3 | | | I | ľ | | 08 | (public road) |
| traffic accident | | | | | | | | | | | | | | | | | | | | | | | | | traffic accident |
| (others) | | | | | | | | | | | | | | | | | | | | | | | | | (others) |
| reaction to | | | | | | | | | | | | | | | | | | | | | | | | | reaction to |
| motion/improper | 29 | 33 | 21 | 14 | 21 | 7 | 19 | 16 | 16 | 12 | 9 | 15 | 5 | 16 | 9 | 16 | 14 | 9 | 13 | 14 | 18 | 15 | 9 | 350 | motion/improper |
| motion | | | | | | | | | | | | | | | | | | | | | | | | | motion |
| others | 3 | 1 | | | 1 | 1 | 2 | | 1 | | 1 | | | 1 | | 2 | 2 | | | | | 4 | 24 | 43 | others |
| unclassifiable | | | | | | | | | | 1 | | | | | | | | | | | | | | 1 | unclassifiable |
| total | 354 | 358 | 304 | 230 | 232 | 203 | 215 | 217 | 211 | 175 | 157 | 161 | 154 | 179 | 142 | 151 | 148 | 143 | 139 | 136 | 145 | 141 | 157 | 4,452 | total |

Causal agents (large) of fatal and non-fatal accidents in other fiber products in 1999-2021

| Causal (L) agents | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | | Causal (L) |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------------|
| eddsur (2) dgerres | | 2000 | 2001 | 2002 | 2003 | 2001 | 2003 | 2000 | 2007 | 2000 | 2003 | 2010 | 2011 | 2012 | 2013 | 2011 | 2013 | 2010 | 2017 | 2010 | 2017 | 2020 | 2021 | | agents |
| machine | 131 | 129 | 112 | 92 | 81 | 89 | 80 | 81 | 84 | 52 | 52 | 58 | 56 | 62 | 44 | 50 | 49 | 44 | 45 | 42 | 42 | 38 | 46 | 1,559 | machine |
| crane, conveying | | | | | | | | | | | | | | | | | | | | | | | | | crane, |

| machine | 28 | 23 | 25 | 22 | 17 | 11 | 13 | 23 | 16 | 10 | 11 | 8 | 10 | 11 | 8 | 4 | 13 | 15 | 10 | 14 | 7 | 11 | 9 | 319 | conveying |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|----------------|
| machine | | | | | | | | | | | | | | | | | | | | | | | | | machine |
| athor aguinment | 47 | 58 | 46 | 31 | 38 | 43 | 37 | 37 | 35 | 27 | 26 | 28 | 23 | 30 | 30 | 33 | 18 | 26 | 27 | 19 | 30 | 18 | 22 | 729 | other |
| other equipment | 47 | 36 | 40 | 31 | 36 | 43 | 37 | 37 | 33 | 27 | 20 | 20 | 23 | 30 | 30 | 33 | 10 | 20 | 27 | 19 | 30 | 10 | 22 | 729 | equipment |
| tomporom buildings | | | | | | | | | | | | | | | | | | | | | | | | | temporary |
| temporary buildings, establishments | 82 | 79 | 70 | 50 | 55 | 40 | 44 | 40 | 43 | 52 | 40 | 40 | 48 | 45 | 38 | 38 | 41 | 36 | 34 | 35 | 47 | 39 | 40 | 1,076 | buildings, |
| establistifferits | | | | | | | | | | | | | | | | | | | | | | | | | establishments |
| substance material | 15 | 17 | 18 | 14 | 7 | 7 | 8 | 18 | 8 | 10 | 4 | 13 | 6 | 11 | 7 | 11 | 4 | 6 | 6 | 6 | 9 | 6 | 5 | 216 | substance, |
| substance, material | 13 | ' | 10 | 14 | | | 0 | 10 | 0 | | | 13 | | | | | | | | 6 | 9 | | | 210 | material |
| load | 24 | 27 | 18 | 15 | 23 | 6 | 16 | 14 | 10 | 9 | 13 | 7 | 5 | 7 | 6 | 6 | 14 | 10 | 10 | 12 | 6 | 13 | 3 | 274 | load |
| environment | 5 | 6 | 6 | 2 | 2 | 1 | 4 | 2 | 6 | 6 | 1 | 1 | 4 | 2 | 4 | 2 | 4 | 2 | 2 | 1 | 1 | 3 | 4 | 71 | environment |
| others | 22 | 19 | 9 | 4 | 9 | 6 | 13 | 2 | 9 | 9 | 10 | 6 | 2 | 11 | 5 | 7 | 5 | 4 | 5 | 7 | 3 | 13 | 28 | 208 | others |
| total | 354 | 358 | 304 | 230 | 232 | 203 | 215 | 217 | 211 | 175 | 157 | 161 | 154 | 179 | 142 | 151 | 148 | 143 | 139 | 136 | 145 | 141 | 157 | 4,452 | total |

Causal agents (middle) of fatal and non-fatal accidents in other fiber products in 1999-2021

| 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 | 2021 | total | Causal (M) agents |
|---------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------------------------------------|
| engine | | | | | | | | | | | | | | | | | | | | | 1 | | | 1 | engine |
| power transmission mechanism | 7 | 5 | 5 | 3 | 1 | 4 | 5 | 3 | 3 | 3 | 1 | 2 | 4 | 5 | 2 | 4 | 1 | | 3 | 3 | | | 2 | 66 | power transmission mechanism |
| woodworking machine | 1 | 2 | 3 | 2 | 1 | 2 | 2 | 2 | | | | | | | 3 | | | 1 | 1 | | | | | 20 | woodworking machine |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

| construction machine | | | | | | | | | | | | | | | | | | | | | | | | | construction |
|--------------------------------|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------------------------------|
| | | | | | | | | | | | | | | | | | | | | | | | | | machine |
| metal manufacturing machine | 14 | 3 | 2 | 7 | 6 | 4 | 1 | 4 | 5 | 2 | 1 | 4 | 5 | 3 | 2 | | 3 | 3 | 2 | 2 | 2 | 1 | 3 | 79 | metal manufacturing machine |
| general machine | 109 | 119 | 102 | 80 | 73 | 79 | 72 | 72 | 76 | 47 | 50 | 52 | 47 | 54 | 37 | 46 | 45 | 40 | 39 | 37 | 39 | 37 | 41 | 1,393 | general machine |
| mobile silviculture machine | | | | | | | | | | | | | | | | | | | | | | | | | mobile silviculture machine |
| crane | 2 | 3 | 6 | 3 | 3 | | 4 | 3 | 2 | | 2 | | 2 | | | | | 2 | 1 | | | | | 33 | crane |
| conveying machine | 18 | 9 | 12 | 15 | 11 | 9 | 6 | 13 | 11 | 7 | 8 | 6 | 6 | 10 | 7 | 4 | 13 | 11 | 8 | 8 | 7 | 9 | 7 | 215 | conveying machine |
| vehicle | 8 | 11 | 7 | 4 | 3 | 2 | 3 | 7 | 3 | 3 | 1 | 2 | 2 | 1 | 1 | | | 2 | 1 | 6 | | 2 | 2 | 71 | vehicle |
| pressure vessel | 2 | | | | | 1 | | 3 | | | | | 1 | | | | | | | | 1 | | | 8 | pressure vessel |
| chemical facilities | | 1 | | | | | | | | | | | | | | | | | | | | | | 1 | chemical facilities |
| welding equipment | | | | | | | | | | | | | 1 | | | | | | 1 | | | | | 2 | welding equipment |
| kiln, caldron | 1 | 1 | 1 | | | 1 | | 1 | 1 | | 1 | | | | | | | | | 1 | 1 | | 1 | 10 | kiln, caldron |
| electric equipment | 4 | 1 | 2 | 2 | 1 | | 2 | 2 | 1 | | 2 | | | 1 | | 1 | 2 | | | | 1 | 1 | | 23 | electric equipment |
| human power machine, | 22 | 22 | 16 | 10 | 11 | 12 | 5 | 9 | 10 | 10 | 10 | 6 | 3 | 7 | 7 | 9 | 6 | 14 | 4 | 5 | 10 | 4 | 8 | 220 | human power |
| II . | | | | | | | | | | | | | | | | | | | | | | | | | 1 1 |

| tools | 15 | 30 | 21 | 12 | 21 | 23 | 23 | 18 | 18 | 14 | 12 | 15 | 11 | 19 | 18 | 15 | 6 | 6 | 19 | 11 | 14 | 9 | 11 | 361 | tools |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|---|
| other equipments, | 3 | 3 | 6 | 7 | 5 | 6 | 7 | 4 | 5 | 3 | 1 | 7 | 7 | 3 | 5 | 8 | 4 | 6 | 3 | 2 | 3 | 4 | 2 | 104 | other equipments, facilities |
| temporary buildings, establishments | 82 | 79 | 70 | 50 | 55 | 40 | 44 | 40 | 43 | 52 | 40 | 40 | 48 | 45 | 38 | 38 | 41 | 36 | 34 | 35 | 47 | 39 | 40 | 1,076 | temporary buildings, establishments |
| hazards, harmful substances | 2 | 1 | | | 3 | | | 3 | 1 | 1 | | 2 | 1 | | | 1 | 1 | | | | | | 3 | 19 | hazards, harmful substances |
| materials | 13 | 16 | 18 | 14 | 4 | 7 | 8 | 15 | 7 | 9 | 4 | 11 | 5 | 11 | 7 | 10 | 3 | 6 | 6 | 6 | 9 | 6 | 2 | 197 | materials |
| load | 24 | 27 | 18 | 15 | 23 | 6 | 16 | 14 | 10 | 9 | 13 | 7 | 5 | 7 | 6 | 6 | 14 | 10 | 10 | 12 | 6 | 13 | 3 | 274 | load |
| natural environment | 5 | 6 | 6 | 2 | 2 | 1 | 4 | 2 | 6 | 6 | 1 | 1 | 4 | 2 | 4 | 2 | 4 | 2 | 2 | 1 | 1 | 3 | 4 | 71 | natural environment |
| other causal agent | 5 | 10 | 3 | 1 | 1 | 4 | 8 | | 2 | 1 | 2 | | | 2 | 1 | 3 | 2 | 1 | | 3 | | 5 | 24 | 78 | other causal agent |
| no causal agent | 14 | 8 | 4 | 3 | 7 | 2 | 5 | 2 | 7 | 7 | 8 | 6 | 2 | 9 | 4 | 4 | 3 | 3 | 5 | 4 | 3 | 8 | 4 | 122 | no causal agent |
| unclassifiable | 3 | 1 | 2 | | 1 | | | | | 1 | | | | | | | | | | | | | | 8 | unclassifiable |
| total | 354 | 358 | 304 | 230 | 232 | 203 | 215 | 217 | 211 | 175 | 157 | 161 | 154 | 179 | 142 | 151 | 148 | 143 | 139 | 136 | 145 | 141 | 157 | 4,452 | total |

Causal agents (small) of fatal and non-fatal accidents in other fiber products in 1999-2021

| 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 | 2021 | total | Causal (S) agents |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------------------|
| | | | | | | | | | | | | | | | | | | | | | | | | | |

| engine | | | | | | | | | | | | | | | | | | 1 | | 1 | engine |
|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|
| power transmission mechanism | | 5 | 1 | 5 | 3 | 3 | 3 | 1 | 2 | 4 | 5 | 2 | 4 | 1 | | 3 | 3 | | 2 | 47 | power transmission mechanism |
| circular sawing machine | | 2 | | 1 | 1 | | | | | | | 1 | | | | | | | | 5 | circular sawing machine |
| band sawing machine | | | 1 | | | | | | | | | 1 | | | | | | | | 2 | band sawing machine |
| wood planer machine | | | | | 1 | | | | | | | | | | | | | | | 1 | wood planer machine |
| hollow chisel mortiser, wood borer | | | | | | | | | | | | | | | | | | | | | hollow chisel mortiser, wood borer |
| chamfering machine, router, woodworking milling machine | | | | | | | | | | | | | | | | | | | | | chamfering machine, router, woodworking milling machine |
| chain saw | | | | | | | | | | | | | | | | | | | | | chain saw |
| other woodworking machines | | 1 | | 1 | | | | | | | | 1 | | | 1 | 1 | | | | 5 | other woodworking machines |
| leveling, transporting or loading machine | | | | | | | | | | | | | | | | | | | | | leveling, transporting or loading machine |
| excavating machine | | | | | | | | | | | | | | | | | | | | | excavating machine |
| foundation work | | | | | | | | | | | | | | | | | | | | | foundation work |

| | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|--|---|------|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----------------------|
| hardening machine | | | | | | | | | | | | | | | | | | | | | | hardening machine |
| demolition machine | | | | | | | | | | | | | | | | | | | | | | demolition machine |
| vehicle for high lift | | | | | | | | | | | | | | | | | | | | | | vehicle for high lift |
| work | | | | | | | | | | | | | | | | | | | | | | work |
| other construction | | | | | | | | | | | | | | | | | | | | | | other construction |
| machines | | | | | | | | | | | | | | | | | | | | | | machines |
| lathe | | | | | 1 | | | | | | | | | | | | 1 | 1 | | | 3 | lathe |
| drill press, milling | | | | 1 | | | | | | | | | | | | | | | | | 1 | drill press, milling |
| machine | | | | • | | | | | | | | | | | | | | | | | • | machine |
| grinding machine, | | | 1 | | 1 | 1 | | | | 2 | 1 | | | | | | | | | 1 | 7 | grinding machine, |
| buffing machine | | | | | | | | | | | • | | | | | | | | | • | | buffing machine |
| power press | | 1 | 2 | | | 2 | | | | 2 | 1 | | | | | | 1 | | | 2 | 11 | power press |
| forging pressure | | | | | | | | | | | | | | | | | | | | | | forging pressure |
| hammer | | | | | | | | | | | | | | | | | | | | | | hammer |
| shearing machine | | | 2 | | 2 | 2 | 1 | | 1 | | 1 | | | 2 | 1 | | | | | | 12 | shearing machine |
| other metal | | | | | | | | | | | | | | | | | | | | | | other metal |
| manufacturing | | 1 | 1 | | | | 1 | 1 | 3 | 1 | | 2 | | 1 | 2 | 2 | | 1 | 1 | | 17 | manufacturing |
| machines | | | | | | | | | | | | | | | | | | | | | | machines |
| centrifugal machine | | 1 | | | | | | 1 | | | | | | | | | | | | | 2 | centrifugal machine |
| mixer, grinder | | | | | | 1 | 3 | | | | 1 | | 2 | | | | | | | | 7 | mixer, grinder |
| roll machine (except | | | | | | | | | | | | | | | | | | | | | | roll machine (except |
| printingroll | | 8 | 6 | 7 | 3 | 7 | 4 | | 3 | 2 | 4 | 5 | 3 | 2 | 2 | 5 | 2 | 3 | 2 | 4 | 72 | printingroll |
| machine) | | | | | | | | | | | | | | | | | | | | | | machine) |
| injection molding | | | | | | | | | | | | | | | | | | | | | | injection molding |

| machine | | | | 2 | 1 | | | 1 | | 1 | 1 | | | | | | | | | | 6 | machine |
|----------------------|--|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|----------------------|
| food manufacturing | | | | | | | | | | | | | | | | | | | | | | food manufacturing |
| machine | | | | | | | | | | | | | | | | | | | | | | machine |
| printing machine | | | | | | 1 | | | 1 | | 2 | 1 | | | | | | | | | 5 | printing machine |
| industrial robot | | | | | | | | | | | | | | | | | | | | | | industrial robot |
| other general | | 93 | 67 | 63 | 68 | 67 | 40 | 48 | 48 | 44 | 46 | 31 | 41 | 43 | 38 | 34 | 35 | 36 | 35 | 37 | 914 | other general |
| power machines | | | | | | | | | | | | | | | | | | | | | | power machines |
| felling machine | | | | | | | | | | | | | | | | | | | | | | felling machine |
| mobile logging | | | | | | | | | | | | | | | | | | | | | | mobile logging |
| machine | | | | | | | | | | | | | | | | | | | | | | machine |
| skyline yarding | | | | | | | | | | | | | | | | | | | | | | skyline yarding |
| machine | | | | | | | | | | | | | | | | | | | | | | machine |
| other mobile | | | | | | | | | | | | | | | | | | | | | | other mobile |
| silviculture machine | | | | | | | | | | | | | | | | | | | | | | silviculture machine |
| crane | | 2 | | | | 1 | | | | | | | | | 2 | 1 | | | | | 6 | crane |
| mobile crane | | | 1 | | 1 | | | | | | | | | | | | | | | | 2 | mobile crane |
| derrick crane | | | | | | | | | | | | | | | | | | | | | | derrick crane |
| elevator, lift | | 4 | 1 | 4 | 1 | 1 | | 2 | | 2 | | | | | | | | | | | 15 | elevator, lift |
| cargo lifting | | | | | | | | | | | | | | | | | | | | | | cargo lifting |
| appliance | | | | | | | | | | | | | | | | | | | | | | appliance |
| gondola | | | | | | | | | | | | | | | | | | | | | | gondola |
| lumberyard | | | | | | | | | | | | | | | | | | | | | | lumberyard |
| equipment, logging | | | | | | | | | | | | | | | | | | | | | | equipment, logging |
| cableway | | | | | | | | | | | | | | | | | | | | | | cableway |

| | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | | - | <u> </u> | إإ | |
|----------------------|----------|---|----------|----------|----------|----------|---|---|---|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------|----------------------|
| simple skyline | | | | | | | | | | | | | | | | | | | | | | | | simple skyline |
| yarding equipment | | | | <u> </u> | | | | | | | | | | | | | | | | | | | | yarding equipment |
| other powered | | | | 1 | | | 1 | | | | | | | | | | | | | | | | 2 | other powered |
| crane | | | | | | | | | | | | | | | | | | | | | | | II I | crane |
| truck | | 7 | | 5 | | 4 | 7 | 5 | 2 | 3 | 3 | 3 | 6 | 3 | 2 | 7 | 5 | 3 | 6 | 5 | 7 | 5 | 88 | truck |
| forklift | | 4 | | 2 | | 2 | 3 | 3 | 4 | 3 | 2 | 2 | 2 | | | 4 | 3 | 1 | 2 | 1 | | | 38 | forklift |
| railway equipment | | | | | | | | | | | | | | | | | | | | | | | | railway equipment |
| conveyor | | 1 | | 2 | | | 3 | 3 | 1 | 2 | 1 | 1 | 1 | 4 | 2 | 2 | 2 | 4 | | 1 | 2 | 2 | 34 | conveyor |
| loader | | | | | | | | | | | | | | | | | | | | | | | | loader |
| straddle carrier | | | | | | | | | | | | | | | | | | | | | | | | straddle carrier |
| rough terrain hauler | | | | | | | | | | | | | | | | | | | | | | | | rough terrain hauler |
| other powered | | | | 2 | | | | | | | | | 1 | | | | 1 | | | | | | | other powered |
| conveying machines | | | | | | | | | | | | | ľ | | | | ľ | | | | | | 4 | conveying machines |
| cars, bus, | | 7 | | 3 | | 3 | 7 | 2 | 3 | 1 | 2 | 2 | 1 | 1 | | | 2 | 1 | 4 | | 2 | 2 | 43 | cars, bus, |
| motorcycle | | | | | | | | | | ľ | | | ľ | | | | | ľ | | | | | | motorcycle |
| railway vehicle | | | | | | | | | | | | | | | | | | | | | | | | railway vehicle |
| other vehicles | | | | | | | | 1 | | | | | | | | | | | 2 | | | | 3 | other vehicles |
| boiler | | | | | | | 2 | | | | | | | | | | | | | | | | 2 | boiler |
| pressure vessel | | | | | | | 1 | | | | | 1 | | | | | | | | 1 | | | 3 | pressure vessel |
| other pressure | | | | | | | | | | | | | | | | | | | | | | | | other pressure |
| vessels | | | | | | | | | | | | | | | | | | | | | | | | vessels |
| chemical facilities | | | | | | | | | | | | | | | | | | | | | | | | chemical facilities |
| gas welding | | | | | | | | | | | | | | | | | | | | | | | | gas welding |

| equipment | | | | | | | | | | | | | | | | | | | | | | equipment |
|----------------------------------|--|----|----|----|----|---|---|---|----|---|----|----|---|---|---|----|---|---|---|---|-----|----------------------------------|
| arc welding equipment | | | | | | | | | | | | | | | | | | | | | | arc welding equipment |
| other welding equipment | | | | | | | | | | 1 | | | | | | 1 | | | | | 2 | other welding equipment |
| kiln, caldron | | 1 | | | 1 | | | 1 | | | | | | | | | | | | 1 | 4 | kiln, caldron |
| industrial dryer | | | | | | 1 | | | | | | | | | | | | 1 | | | 2 | industrial dryer |
| other kiln, caldron | | | | | | | | | | | | | | | | | 1 | | | | 1 | other kiln, caldron |
| transmission | | | | | 1 | | | 2 | | | | | | 1 | | | | | | | 4 | transmission |
| electric power facilities | | | | | 1 | | | | | | 1 | | | 1 | | | | | | | 3 | electric power |
| other electrical equipment | | 2 | 1 | 2 | | 1 | | | | | | | 1 | | | | | 1 | 1 | | 9 | other electrical equipment |
| human power cranes | | | | | | | 1 | 1 | | | | | | | 1 | | | 1 | | 1 | 5 | human power cranes |
| human power hauling equipment | | 3 | 6 | 3 | 4 | 4 | 3 | 3 | 2 | 1 | 4 | 4 | 3 | 5 | 7 | 1 | 3 | 5 | 2 | 3 | 66 | human power hauling equipment |
| human power | | 2 | | | | 2 | 1 | 1 | 1 | 2 | | | 1 | | 1 | | | | | | 11 | human power machine |
| hand tool | | 11 | 5 | 2 | 5 | 4 | 5 | 5 | 3 | | 3 | 3 | 5 | 1 | 5 | 3 | 2 | 4 | 2 | 4 | 72 | hand tool |
| ladder | | 9 | 12 | 13 | 11 | 9 | 9 | 5 | 11 | 6 | 9 | 4 | 8 | 3 | 1 | 10 | 9 | 8 | 4 | 6 | 147 | ladder |
| slinging tool | | 2 | | | | | | | | | | 1 | | | | | | 1 | 1 | | 5 | slinging tool |
| other tools | | 10 | 9 | 10 | 7 | 9 | 5 | 7 | 4 | 5 | 10 | 13 | 7 | 3 | 5 | 9 | 2 | 5 | 4 | 5 | 129 | other tools |
| other equipment, | | | | | | | | | | | | | | | | | | | | | | other equipment, |

| facilities | | 5 | 5 | 7 | 4 | 5 | 3 | 1 | 7 | 7 | 3 | 5 | 8 | 4 | 6 | 3 | 2 | 3 | 4 | 2 | 85 | facilities |
|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|---|
| scaffolding | | | 2 | | | | | | 2 | | 1 | | | | | | | | 1 | | 6 | scaffolding |
| timbering | | | | | | | | | | | 1 | | | | | | | | | | 1 | timbering |
| stairs, landing stage | 1 | 12 | 11 | 7 | 14 | 8 | 12 | 9 | 16 | 10 | 9 | 7 | 8 | 5 | 6 | 8 | 5 | 14 | 4 | 9 | 174 | stairs, landing stage |
| opening | 1 | l | 1 | 2 | 1 | | | 1 | 1 | 2 | 1 | 1 | 1 | | | | 2 | 1 | 1 | 1 | 17 | opening |
| roof, beam, haze, crossbeam, principal rafter | 2 | 2 | 1 | 1 | | | 1 | 1 | | | | 1 | | | | | 1 | 3 | 1 | 1 | 13 | roof, beam, haze, crossbeam, principal rafter |
| working platform, boot board | 1 | 13 | 12 | 3 | 5 | 7 | 9 | 7 | 4 | 5 | 6 | 8 | 7 | 9 | 7 | 1 | 5 | 7 | 3 | 5 | 123 | working platform, boot board |
| passage | 2 | 28 | 20 | 24 | 14 | 22 | 26 | 18 | 13 | 24 | 19 | 15 | 18 | 19 | 18 | 18 | 14 | 18 | 24 | 21 | 373 | passage |
| building, establishment | 7 | 7 | 5 | 5 | 4 | 2 | 3 | 1 | 2 | 5 | 3 | 3 | 2 | 2 | 5 | 3 | 4 | 2 | 3 | 2 | 63 | building, establishment |
| other temporary buildings, establishments | 7 | 7 | 3 | 2 | 2 | 4 | 1 | 3 | 2 | 2 | 5 | 3 | 2 | 6 | | 4 | 4 | 2 | 2 | 1 | 55 | other temporary buildings, establishments |
| explosive substance | | | | | | | | | | | | | | | | | | | | | | explosive substance |
| inflammable substance | | | 2 | | | | | | | | | | 1 | | | | | | | | 3 | inflammable substance |
| inflammable gas | | | | | | | | | | | | | | | | | | | | | | inflammable gas |
| harmful substance | | | | | 3 | | | | | | | | | | | | | | | 1 | 4 | harmful substance |
| radiation | | | | | | | | | | | | | | | | | | | | | | radiation |
| other hazards, | | | 1 | | | 1 | 1 | | 2 | 1 | | | | 1 | | | | | | 2 | 9 | other hazards, |

| | | | | | Щ | <u></u> | <u> </u> | | <u>ш</u> | | <u> </u> | <u> </u> | <u> </u> | <u> </u> |
|---|------|-----|-----|------|-----|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----|----------|-----|----------|----------|----------|---|
| metal material | | 3 | 2 | 1 | 4 | 2 | 3 | | 4 | 1 | 4 | 1 | 4 | | 3 | 2 | | 1 | 2 | | 42 | metal material |
| lumber, bamboo | 1 | l | | 3 | 1 | | | | | 1 | 1 | | | 1 | | | | | 2 | | 10 | lumber, bamboo |
| stone, sand, substance | | | | | | | | 1 | | | | | | | | | | | | | 1 | stone, sand, substance |
| other materials | g | 9 | 2 | 4 | 10 | 5 | 6 | 3 | 7 | 3 | 6 | 6 | 6 | 2 | 3 | 4 | 6 | 8 | 2 | 2 | 94 | other materials |
| load | 1 | 16 | 22 | 15 | 13 | 10 | 8 | 13 | 7 | 5 | 6 | 6 | 6 | 14 | 9 | 10 | 12 | 6 | 13 | 3 | 194 | load |
| machine/equipment as load | 2 | 2 | 1 | 1 | 1 | | 1 | | | | 1 | | | | 1 | | | | | | 8 | machine/equipment as load |
| natural ground, | 1 | I | | | | 1 | 1 | | | | | | | 2 | | | | | | | 5 | natural ground, rock |
| standing tree | | | | | | | | | | | | | | | | | | | | 1 | 1 | standing tree |
| water | | | 1 | | | 1 | | | | 1 | | | | | | | | | | | 3 | water |
| abnormal environment | | | | | | | | | | 1 | | | | | | | | | | | 1 | abnormal environment |
| high/cold temperature environment | | | | | | 1 | | | | | 1 | | | | | 1 | | 1 | | 1 | | high/cold temperature environment |
| other environments | 5 | 5 | 1 | 4 | 2 | 3 | 5 | 1 | 1 | 2 | 1 | 4 | 2 | 2 | 2 | 1 | 1 | | 3 | 2 | 42 | other environments |
| other causal agent | 3 | 3 | 1 | 8 | | 2 | 1 | 2 | | | 2 | 1 | 3 | 2 | 1 | | 3 | | 5 | 24 | 58 | other causal agent |
| no causal agent | | 1 | 7 | 5 | 2 | 7 | 7 | 8 | 6 | 2 | 9 | 4 | 4 | 3 | 3 | 5 | 4 | 3 | 8 | 4 | 95 | no causal agent |
| unclassifiable | 2 | 2 | 1 | | | | 1 | | | | | | | | | | | | | | 4 | unclassifiable |
| total | 3 | 304 | 232 | 215 | 217 | 211 | 175 | 157 | 161 | 154 | 179 | 142 | 151 | 148 | 143 | 139 | 136 | 145 | 141 | 157 | 3,307 | total |

| Age | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | total | Age |
|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|----------------------|
| 19 years old or less | 11 | 4 | 6 | 3 | 4 | 2 | 1 | 1 | 3 | 2 | 1 | 2 | 1 | 6 | 2 | 1 | 2 | 1 | 1 | 4 | 2 | 4 | 1 | 65 | 19 years old or less |
| 20-29 | 46 | 44 | 35 | 25 | 34 | 21 | 27 | 21 | 26 | 13 | 11 | 19 | 17 | 20 | 16 | 21 | 12 | 20 | 12 | 11 | 13 | 7 | 16 | 487 | 20-29 |
| 30-39 | 42 | 39 | 55 | 31 | 34 | 31 | 29 | 38 | 38 | 22 | 28 | 23 | 25 | 24 | 23 | 27 | 20 | 18 | 17 | 14 | 24 | 16 | 26 | 644 | 30-39 |
| 40-49 | 74 | 75 | 57 | 52 | 48 | 46 | 37 | 44 | 44 | 36 | 26 | 31 | 24 | 33 | 29 | 29 | 35 | 29 | 28 | 32 | 28 | 24 | 34 | 895 | 40-49 |
| 50-59 | 129 | 130 | 98 | 84 | 68 | 61 | 75 | 83 | 63 | 62 | 52 | 42 | 42 | 42 | 33 | 27 | 43 | 36 | 35 | 25 | 29 | 41 | 36 | 1,336 | 50-59 |
| 60 years old or | 52 | 66 | 53 | 35 | 44 | 42 | 46 | 30 | 37 | 40 | 39 | 44 | 45 | 54 | 39 | 46 | 36 | 39 | 46 | 50 | 49 | 49 | 44 | 1,025 | 60 years old or |
| more | J2 | | | | | 72 | | | | | | | -5 | | | | | | | | | | | 1 ' 1 | more |
| total | 354 | 358 | 304 | 230 | 232 | 203 | 215 | 217 | 211 | 175 | 157 | 161 | 154 | 179 | 142 | 151 | 148 | 143 | 139 | 136 | 145 | 141 | 157 | 4,452 | total |

Workers' number of workplace of fatal and non-fatal accidents in other fiber products in 1999-2021

| Workers scale | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | total | Workers scale |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------------------|
| 9 workers or less | 68 | 90 | 80 | 64 | 59 | 53 | 47 | 58 | 52 | 36 | 39 | 56 | 39 | 35 | 31 | 33 | 32 | 31 | 23 | 32 | 21 | 31 | 20 | 1,030 | 9 workers or less |
| 10-29 | 117 | 108 | 86 | 67 | 82 | 62 | 86 | 72 | 77 | 60 | 51 | 49 | 48 | 59 | 46 | 57 | 48 | 48 | 49 | 39 | 54 | 43 | 59 | 1,467 | 10-29 |
| 30-49 | 71 | 67 | 67 | 46 | 40 | 42 | 33 | 28 | 35 | 38 | 30 | 18 | 22 | 34 | 34 | 24 | 26 | 18 | 28 | 34 | 23 | 29 | 41 | 828 | 30-49 |
| 50-99 | 49 | 48 | 35 | 26 | 30 | 29 | 28 | 36 | 22 | 22 | 26 | 22 | 23 | 28 | 17 | 21 | 24 | 22 | 25 | 17 | 27 | 20 | 23 | 620 | 50-99 |
| 100-299 | 42 | 40 | 30 | 25 | 19 | 13 | 16 | 18 | 20 | 15 | 8 | 15 | 20 | 17 | 10 | 14 | 17 | 21 | 11 | 12 | 13 | 12 | 10 | 418 | 100-299 |
| 300 workers or | 7 | 5 | 6 | 2 | 2 | 4 | 5 | 5 | 5 | 4 | 3 | 1 | 2 | 6 | 4 | 2 | 1 | 3 | 3 | 2 | 7 | 6 | 4 | 89 | 300 workers or |
| more | | | | | | _ | | | | • | | | | | _ | | | | | | | | ' | | more |
| total | 354 | 358 | 304 | 230 | 232 | 203 | 215 | 217 | 211 | 175 | 157 | 161 | 154 | 179 | 142 | 151 | 148 | 143 | 139 | 136 | 145 | 141 | 157 | 4,452 | total |

| Month | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | total | Month |
|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-----------|
| January | 28 | 33 | 31 | 28 | 18 | 19 | 18 | 12 | 12 | 22 | 12 | 11 | 19 | 10 | 13 | 12 | 16 | 16 | 21 | 15 | 14 | 9 | 12 | 401 | January |
| February | 25 | 35 | 18 | 17 | 24 | 22 | 24 | 17 | 12 | 18 | 10 | 14 | 14 | 16 | 12 | 18 | 11 | 13 | 7 | 19 | 11 | 9 | 12 | 378 | February |
| March | 30 | 43 | 28 | 25 | 18 | 16 | 17 | 17 | 22 | 13 | 19 | 17 | 18 | 19 | 10 | 16 | 17 | 13 | 16 | 8 | 11 | 17 | 11 | 421 | March |
| April | 40 | 29 | 24 | 16 | 21 | 18 | 15 | 20 | 12 | 15 | 12 | 20 | 7 | 15 | 15 | 10 | 11 | 8 | 8 | 8 | 10 | 12 | 10 | 356 | April |
| May | 35 | 34 | 23 | 19 | 14 | 18 | 17 | 14 | 14 | 14 | 4 | 14 | 7 | 5 | 8 | 16 | 10 | 11 | 11 | 12 | 10 | 8 | 18 | 336 | May |
| June | 27 | 33 | 24 | 14 | 24 | 20 | 28 | 17 | 18 | 15 | 14 | 10 | 10 | 19 | 11 | 17 | 10 | 11 | 13 | 8 | 13 | 12 | 8 | 376 | June |
| July | 28 | 33 | 24 | 18 | 22 | 21 | 16 | 15 | 22 | 13 | 21 | 17 | 14 | 15 | 7 | 8 | 11 | 9 | 14 | 7 | 18 | 14 | 9 | 376 | July |
| August | 31 | 24 | 19 | 27 | 17 | 16 | 19 | 21 | 19 | 16 | 14 | 9 | 12 | 19 | 11 | 9 | 10 | 8 | 8 | 13 | 13 | 12 | 28 | 375 | August |
| September | 32 | 24 | 32 | 20 | 16 | 15 | 13 | 22 | 11 | 11 | 18 | 20 | 13 | 11 | 10 | 16 | 10 | 19 | 8 | 6 | 16 | 7 | 17 | 367 | September |
| October | 24 | 35 | 29 | 20 | 16 | 13 | 13 | 18 | 26 | 15 | 13 | 13 | 14 | 16 | 18 | 12 | 16 | 16 | 7 | 15 | 9 | 14 | 11 | 383 | October |
| November | 34 | 12 | 31 | 14 | 25 | 10 | 14 | 24 | 20 | 13 | 10 | 8 | 11 | 15 | 13 | 10 | 16 | 10 | 10 | 13 | 10 | 12 | 10 | 345 | November |
| December | 20 | 23 | 21 | 12 | 17 | 15 | 21 | 20 | 23 | 10 | 10 | 8 | 15 | 19 | 14 | 7 | 10 | 9 | 16 | 12 | 10 | 15 | 11 | 338 | December |
| total | 354 | 358 | 304 | 230 | 232 | 203 | 215 | 217 | 211 | 175 | 157 | 161 | 154 | 179 | 142 | 151 | 148 | 143 | 139 | 136 | 145 | 141 | 157 | 4,452 | total |

Prefecture of fatal and non-fatal accidents in other fiber products in 1999-2021

| Prefecture | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | total | Prefecture |
|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------------|
| Hokkaido | 3 | 9 | 8 | | 5 | | 3 | 6 | 6 | 2 | 3 | 3 | 7 | 4 | 3 | 3 | 3 | 2 | 3 | 1 | 3 | 3 | 4 | 84 | Hokkaido |
| Aomori | 7 | 5 | 2 | | 2 | | 2 | 3 | 3 | 1 | 4 | 3 | 1 | 6 | 2 | | 2 | 2 | | 1 | 5 | 3 | 2 | 56 | Aomori |
| lwate | 3 | 5 | 3 | | 3 | | 4 | 3 | 5 | 7 | 1 | 2 | 4 | 4 | 2 | 4 | 4 | 6 | 3 | 6 | 1 | 2 | 3 | 75 | lwate |

| Miyagi | 8 | 2 | 4 | 2 | 1 | 6 | 1 | 3 | 2 | | 3 | 2 | 4 | 2 | 2 | 3 | | 1 | 2 | | 4 | 52 | Miyagi |
|-----------|----|----|----|----|----|----|----|----|----|---|---|---|---|----|----|----|----|----|----|---|----|-----|-----------|
| Akita | 3 | 4 | 2 | 3 | 3 | 2 | 5 | 1 | 4 | | 4 | 5 | 2 | 4 | | | 1 | 4 | 5 | 5 | 3 | 60 | Akita |
| Yamagata | 3 | 2 | 3 | 2 | 1 | 3 | 1 | 2 | 2 | 2 | 4 | 3 | 1 | 3 | 6 | 1 | 3 | 3 | 1 | 5 | 1 | 52 | Yamagata |
| Fukushima | 13 | 6 | 7 | 5 | 4 | 9 | 5 | 7 | 1 | 2 | 5 | 5 | 2 | 2 | 3 | 5 | 1 | 4 | 3 | 3 | 2 | 94 | Fukushima |
| Ibaraki | 15 | 16 | 9 | 4 | 3 | 3 | 3 | 3 | 1 | 2 | 1 | 4 | 2 | 1 | 5 | 2 | 3 | 1 | 3 | | 1 | 82 | Ibaraki |
| Tochigi | 6 | 8 | 5 | 8 | 3 | 5 | 3 | 3 | 2 | 4 | 7 | 3 | 3 | 2 | 1 | 2 | 2 | 3 | 1 | 3 | 6 | 80 | Tochigi |
| Gunma | 8 | 8 | 16 | 7 | 3 | 10 | 5 | 7 | 3 | 4 | 5 | 6 | 4 | 2 | 3 | 6 | | 4 | 10 | 3 | 8 | 122 | Gunma |
| Saitama | 15 | 10 | 9 | 13 | 4 | 7 | 9 | 9 | 7 | 9 | 4 | 9 | 7 | 10 | 4 | 8 | 4 | 6 | 7 | 8 | 3 | 162 | Saitama |
| Chiba | 10 | 7 | 4 | 8 | 4 | 3 | 3 | 2 | 3 | 3 | 1 | 8 | 5 | 6 | 5 | 1 | 1 | 4 | 1 | 8 | 1 | 88 | Chiba |
| Tokyo | 5 | 7 | 9 | 7 | 4 | 13 | 5 | 4 | 4 | 6 | 5 | 6 | | 4 | 3 | | 2 | | 2 | 2 | 2 | 90 | Tokyo |
| Kanagawa | 4 | 5 | 3 | 5 | 3 | 4 | 1 | 2 | 1 | 3 | | 1 | 4 | 4 | 1 | | 4 | 3 | 1 | 2 | | 51 | Kanagawa |
| Niigata | 7 | 5 | 5 | 6 | 2 | 5 | 4 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 3 | 2 | 4 | 2 | 3 | 2 | 7 | 74 | Niigata |
| Toyama | 7 | 3 | 3 | 5 | 5 | 2 | 5 | | 2 | 4 | 5 | 1 | 3 | 3 | 1 | 3 | 1 | | | | 2 | 55 | Toyama |
| Ishikawa | 3 | 8 | 2 | 6 | 4 | 4 | 5 | 5 | 2 | 2 | 3 | 2 | 2 | 4 | 3 | | 3 | 2 | 1 | 2 | 1 | 64 | Ishikawa |
| Fukui | 17 | 5 | 7 | 3 | 5 | 4 | 3 | 1 | 6 | 1 | 1 | 5 | 6 | 4 | 2 | 2 | 1 | 2 | 2 | 5 | 6 | 88 | Fukui |
| Yamanashi | | | 2 | | 1 | 1 | 1 | | | | 1 | | | 2 | 1 | 2 | | | 2 | | 1 | 14 | Yamanashi |
| Nagano | 2 | 1 | 1 | 2 | 2 | | 1 | 2 | | | 1 | | 4 | | 1 | 1 | 1 | 1 | 1 | 1 | | 22 | Nagano |
| Gifu | 6 | 9 | 13 | 7 | 3 | 6 | 7 | 1 | 6 | 5 | | 5 | 4 | 5 | 1 | 13 | 2 | 7 | 4 | 3 | 7 | 114 | Gifu |
| Shizuoka | 12 | 14 | 4 | 4 | 4 | 2 | 4 | 3 | 5 | 2 | | 1 | 3 | 3 | 2 | 1 | 3 | 1 | 5 | 1 | 2 | 76 | Shizuoka |
| Aichi | 23 | 33 | 25 | 17 | 19 | 17 | 17 | 13 | 24 | 6 | 8 | 5 | 6 | 12 | 11 | 6 | 15 | 10 | 9 | 8 | 10 | 294 | Aichi |
| Mie | 9 | 9 | 7 | 6 | 9 | 1 | 4 | 5 | 2 | 4 | 4 | 6 | 1 | | 1 | 1 | 3 | 2 | 2 | 3 | 5 | 84 | Mie |
| Shiga | 8 | 14 | 3 | | 6 | 5 | 8 | 10 | 5 | 4 | 1 | 6 | 8 | 8 | 7 | 5 | 2 | 2 | 3 | 5 | 1 | 111 | Shiga |
| Kyoto | 4 | 3 | 7 | 1 | 2 | 3 | 1 | 2 | 3 | 6 | 2 | 2 | 4 | 4 | 1 | 3 | 4 | 5 | 3 | 1 | 1 | 62 | Kyoto |

| Osaka | 21 | 40 | 27 | 15 | 16 | 19 | 29 | 16 | 11 | 14 | 19 | 19 | 13 | 17 | 19 | 18 | 16 | 11 | 14 | 8 | 8 | 370 | Osaka |
|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----------|
| Hyogo | 13 | 7 | 16 | 9 | 11 | 9 | 6 | 3 | 4 | 7 | 5 | 7 | 2 | 3 | 3 | 7 | 5 | 2 | 2 | 7 | 7 | 135 | Hyogo |
| Nara | 13 | 10 | 16 | 11 | 13 | 4 | 12 | 7 | 6 | 7 | 6 | 5 | | 1 | 7 | 7 | 7 | 5 | 5 | | 5 | 147 | Nara |
| Wakayama | 10 | 2 | 6 | 2 | 5 | 4 | 8 | 4 | 1 | 2 | 5 | 4 | 3 | 1 | 3 | 4 | 3 | 2 | 2 | 3 | 5 | 79 | Wakayama |
| Tottori | | 2 | 3 | | | 1 | 1 | | 1 | | 1 | | | | | | 3 | 1 | 2 | 1 | | 16 | Tottori |
| Shimane | 1 | 3 | 2 | 3 | 3 | | 2 | 1 | 1 | 2 | | | 2 | 1 | | | | 1 | | 1 | | 23 | Shimane |
| Okayama | 21 | 19 | 14 | 6 | 11 | 4 | 6 | 6 | 4 | 8 | 7 | 6 | 8 | 8 | 3 | 4 | 4 | 8 | 4 | 9 | 17 | 177 | Okayama |
| Hiroshima | 9 | 20 | 15 | 11 | 15 | 7 | 11 | 12 | 6 | 8 | 3 | 5 | 5 | 3 | 8 | 4 | 4 | 5 | 5 | 6 | 13 | 175 | Hiroshima |
| Yamaguchi | | 3 | | | 1 | 2 | 1 | 1 | 1 | | 1 | | 1 | | | | 1 | | 2 | 1 | 2 | 17 | Yamaguchi |
| Tokushima | 1 | 4 | 2 | 1 | 1 | 2 | 2 | 1 | 2 | | | 2 | 1 | | 3 | 2 | 1 | 1 | | | 1 | 27 | Tokushima |
| Kagawa | 7 | 4 | 9 | 4 | 7 | 4 | 6 | 3 | 4 | 5 | 2 | 6 | 3 | 4 | | 2 | 3 | | 6 | 4 | 1 | 84 | Kagawa |
| Ehime | 2 | 8 | 3 | 12 | 4 | 3 | 2 | 3 | | 1 | 4 | 3 | 3 | 1 | 6 | 3 | 3 | 4 | 5 | 6 | 4 | 80 | Ehime |
| Kochi | 4 | | 4 | 2 | 2 | 3 | | 1 | | 2 | | | | 2 | 2 | | 1 | | 2 | | | 25 | Kochi |
| Fukuoka | 15 | 4 | 6 | 13 | 10 | 11 | 5 | 9 | 7 | 10 | 8 | 9 | 10 | 8 | 10 | 9 | 5 | 8 | 4 | 7 | 4 | 172 | Fukuoka |
| Saga | 7 | 3 | 3 | 3 | 2 | 1 | 1 | 1 | 1 | 3 | 2 | 4 | 1 | | 3 | | 4 | 2 | | | | 41 | Saga |
| Nagasaki | 8 | 4 | 6 | 1 | 1 | 4 | | 2 | 1 | 3 | 3 | 3 | 1 | 3 | 1 | | 4 | 3 | 3 | 4 | 4 | 59 | Nagasaki |
| Kumamoto | 14 | 10 | 3 | 3 | 2 | 6 | 1 | 1 | 3 | 3 | 2 | 1 | 2 | 3 | | 1 | 2 | 2 | 3 | 2 | 2 | 66 | Kumamoto |
| Oita | 3 | 4 | 4 | | 2 | 2 | 1 | 2 | | 1 | 3 | | | | 1 | 1 | 3 | 1 | 1 | | | 29 | Oita |
| Miyazaki | 4 | 8 | 1 | 3 | 1 | 4 | 2 | 3 | 7 | 4 | 1 | 2 | 3 | 2 | 2 | 3 | 4 | 4 | 5 | 2 | | 65 | Miyazaki |
| Kagoshima | | 4 | 1 | 2 | 4 | | | 1 | 1 | 1 | 3 | 2 | | | 1 | 1 | | | | 2 | | 23 | Kagoshima |
| Okinawa | | 1 | | | | | | | | | | | | | | | | 1 | | | 1 | 3 | Okinawa |
| total | 354 | 358 | 304 | 232 | 215 | 217 | 211 | 175 | 157 | 161 | 154 | 179 | 142 | 151 | 148 | 143 | 139 | 136 | 145 | 141 | 157 | 4,019 | total |

Fatal and non-fatal accidents mean fatal and non-fatal injuries and occupational diseases with work absence of 4 days and more. Data of 2011 year include fatal and non-fatal 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/2021e_industry.html

Fatal accidents in other fiber products in Japan in 1999-2021

other fiber products industry Code No.010309

Type of fatal accidents in other fiber products in 1999-2021

| 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 | 2021 | total | Type of accidents |
|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|----------------------|
| fall from height | | | | | | 1 | 1 | | | | | 1 | | | | | | | | | 1 | | | 4 | fall from height |
| falling to same level | | | 1 | | | | | | | | | | | | | | | | | | | | | 1 | falling to same |
| crash | | | | | | | | | | | | | | | | | | | | | | | | | crash |
| struck by flying or | | | | | | | | | | | | | | | | | | | | | | | | | struck by flying |
| falling object | | | | | | | | | | | | | | | | | | | | | | | | | or falling object |
| collapse | | | | | | | | | | | | | | | | | | | | | | | | | collapse |
| crashed by | | | | | | | | | | | | | | | | | | | | | | | | | crashed by |
| caught in/between | | 1 | | | 1 | 1 | | | | 1 | | | | 1 | | | | | | | | | | 5 | caught in/between |
| cut | | | | | | | | | | | | | | | | | | | | | | | | | cut |

| | | - | - | - | | 1 | - | = | = | = | | - | = | = | = | = | = | = | | | = | |
|---------------------------|---|---|---|---|---|---|---|-------|---|---|---|---|---|---|---|---|---|---|------|--|-----------------|--------------------|
| injury to the sole of | | | | | | | | | | | | | | | | | | | | | | injury to the sole |
| the foot | | | | | | | | | | | | | | | | | | | | | | of the foot |
| drown | | | | | | | | | | | | 1 | | | | | | | | | 1 | drown |
| | | | | | | | | | | | | | | | | | | | | | | contact to |
| contact to high/low- | | | | | | | | | | | | | | | | | | | | | | high/low- |
| temperature | | | | | | | | | | | | | | | | | | | | | | temperature |
| | | | | | | | | | | | | | | | | | | | | | | contact to |
| contact to harmful | 1 | | | | | | | | | | | | | | | | | | | | 1 | harmful |
| substance | | | | | | | | | | | | | | | | | | | | | | substance |
| electric shock | | | | | | | | | | | | | | | | | | | | | $\vdash \vdash$ | |
| | | | | | | | | | | | | | | | | | | | | | | electric shock |
| explosion | | | | | | | | | | | | | | | | | | | | | | explosion |
| burst | | | | | | | | | | | | | | | | | | | | | | burst |
| fire | | | | | | | | | | | | | | | | | | | | | | fire |
| traffic accident (public | | | | | | | | | | | | | | | | | | | | | | traffic accident |
| road) | | | | | | | 1 | | | | | | | | | | | | | | 1 | (public road) |
| | | | | | | | | | | | | | | | | | | | | | | traffic accident |
| traffic accident (others) | | | | | | | | | | | | | | | | | | | | | | (others) |
| reaction to | | | | | | | | | | | | | | | | | | | | | | reaction to |
| motion/improper | | | | | | | | | | | | | | | | | | | | | | motion/improper |
| motion | | | | | | | | | | | | | | | | | | | | | | motion |
| others | | 1 | | | | | | | | | | | | | | | | | | | 1 | others |
| unclassifiable | | | | | | | | | | | | | | | | | | | | | | unclassifiable |
| total | 1 | 2 | 1 | | 1 | 2 | 2 | | 1 | | 1 | 1 | 1 | | | | | | 1 | | 14 | total |

| Causal (L) agents | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | total | Causal (L) agents |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|---|
| machine | | 1 | | | 1 | | | | | 1 | | | | 1 | | | | | | | | | | 4 | machine |
| crane, conveying machine | | | 1 | | | 1 | 1 | | | | | | | | | | | | | | | | | 3 | crane, conveying machine |
| other equipment | | | | | | | 1 | | | | | 1 | | | | | | | | | | | | 2 | other equipment |
| temporary buildings, establishments | | | | | | 1 | | | | | | | | | | | | | | | 1 | | | 2 | temporary buildings, establishments |
| substance, material | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | substance, material |
| load | | | | | | | | | | | | | | | | | | | | | | | | | load |
| environment | | 1 | | | | | | | | | | | 1 | | | | | | | | | | | 2 | environment |
| others | | | | | | | | | | | | | | | | | | | | | | | | | others |
| total | 1 | 2 | 1 | | 1 | 2 | 2 | | | 1 | | 1 | 1 | 1 | | | | | | | 1 | | | 14 | total |

Causal agents (middle) of fatal accidents in other fiber products in 1999-2021

| Causal (M) agents | 1000 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2000 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2010 | 2020 | 2021 | total | Causal (M) |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------------|
| Causai (M) agents | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2003 | 2000 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2013 | 2010 | 2017 | 2010 | 2019 | 2020 | 2021 | totai | agents |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

| engine | | | | | | | | | | | | | | | engine |
|---------------------------------|---|---|---|---|---|--|---|--|---|--|--|--|--|---|------------------------------------|
| power transmission mechanism | | | | | | | | | | | | | | | power transmission mechanism |
| woodworking machine | | | | | | | | | | | | | | | woodworking machine |
| construction machine | | | | | | | | | | | | | | | construction machine |
| metal manufacturing machine | | | | | | | | | | | | | | | metal manufacturing machine |
| general machine | 1 | | 1 | | | | 1 | | 1 | | | | | 4 | general machine |
| mobile silviculture machine | | | | | | | | | | | | | | | mobile silviculture machine |
| crane | | | | | | | | | | | | | | | crane |
| conveying machine | | 1 | | 1 | | | | | | | | | | 2 | conveying machine |
| vehicle | | | | | 1 | | | | | | | | | 1 | vehicle |
| pressure vessel | | | | | | | | | | | | | | | pressure vessel |
| chemical facilities | | | | | | | | | | | | | | | chemical facilities |
| welding equipment | | | | | | | | | | | | | | | welding equipment |

| | | | | | | | |] | الـ | | | | | | <u> </u> | <u> </u> | | <u> </u> | | <u> </u> |
|--|-----|---|------|------|---|---|---|---|-----|------|-------|---|---|------|----------|----------|--|----------|---|----------------|
| kiln, caldron | | | | | | | | | | | | | | | | | | | | kiln, caldron |
| electric equipment | | | | | | | | | | | | | | | | | | | | electric |
| | | | | | | | | | | | | | | | | | | | | equipment |
| human power machine, | | | | | | | | | | | | | | | | | | | | human power |
| tools | | | | | | | | | | | | | | | | | | | | machine, tools |
| tools | | | | | | 1 | | | | | | | | | | | | | 1 | tools |
| other equipments, | | | | | | | | | | | | | | | | | | | | other |
| facilities | | | | | | | | | | 1 | | | | | | | | | 1 | equipments, |
| lucinics | | | | | | | | | | | | | | | | | | | | facilities |
| tamparani buildings | | | | | | | | | | | | | | | | | | | | temporary |
| temporary buildings, establishments | | | | | 1 | | | | | | | | | | | 1 | | | 2 | buildings, |
| establishments | | | | | | | | | | | | | | | | | | | | establishments |
| | | | | | | | | | | | | | | | | | | | | hazards, |
| hazards, harmful | 1 | | | | | | | | | | | | | | | | | | 1 | harmful |
| substances | | | | | | | | | | | | | | | | | | | | substances |
| materials | | | | | | | | | | | | | | | | | | | | materials |
| load | | | | | | | | | | | | | | | | | | | | load |
| | | 1 | | | | | | | | | | | | | | | | | | natural |
| natural environment | | | | | | | | | | | | | | | | | | | 2 | environment |
| -4h | | | | | | | | | | | | | | | | | | | | other causal |
| other causal agent | | | | | | | | | | | | | | | | | | | | agent |
| no causal agent | | | | | | | | | | | | | | | | | | | | no causal |
| no causai agent | | | | | | | | | | | | | | | | | | | | agent |
| unclassifiable | | | | | | | | | | | | | | | | | | | | unclassifiable |
| | === | = | ==== | | | | - | 1 | - | | = | = | = | | | - | | | | : |

| | total | 1 | 2 | 1 | | 1 | 11.) | 2 | | | 1 | | 1 | 1 | 1 | | | | | | | 1 | | | 14 | total | |
|--|-------|---|---|---|--|---|------|---|--|--|---|--|---|---|---|--|--|--|--|--|--|---|--|--|----|-------|--|
|--|-------|---|---|---|--|---|------|---|--|--|---|--|---|---|---|--|--|--|--|--|--|---|--|--|----|-------|--|

Causal agents (small) of fatal accidents in other fiber products in 1999-2021

| 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 | 2021 | total | Causal (S) agents |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|--------------------|
| engine | | | | | | | | | | | | | | | | | | | | | | | | | engine |
| power transmission | | | | | | | | | | | | | | | | | | | | | | | | | power transmission |
| mechanism | | | | | | | | | | | | | | | | | | | | | | | | | mechanism |
| circular sawing | | | | | | | | | | | | | | | | | | | | | | | | | circular sawing |
| machine | | | | | | | | | | | | | | | | | | | | | | | | | machine |
| band sawing | | | | | | | | | | | | | | | | | | | | | | | | | band sawing |
| machine | | | | | | | | | | | | | | | | | | | | | | | | | machine |
| wood planer | | | | | | | | | | | | | | | | | | | | | | | | | wood planer |
| machine | | | | | | | | | | | | | | | | | | | | | | | | | machine |
| hollow chisel | | | | | | | | | | | | | | | | | | | | | | | | | hollow chisel |
| mortiser, wood | | | | | | | | | | | | | | | | | | | | | | | | | mortiser, wood |
| borer | | | | | | | | | | | | | | | | | | | | | | | | | borer |
| chamfering | | | | | | | | | | | | | | | | | | | | | | | | | chamfering |
| machine, router, | | | | | | | | | | | | | | | | | | | | | | | | | machine, router, |
| woodworking | | | | | | | | | | | | | | | | | | | | | | | | | woodworking |
| milling machine | | | | | | | | | | | | | | | | | | | | | | | | | milling machine |
| chain saw | | | | | | | | | | | | | | | | | | | | | | | | | chain saw |
| other woodworking | | | | | | | | | | | | | | | | | | | | | | | | | other woodworking |
| machines | | | | | | | | | | | | | | | | | | | | | | | | | machines |

| leveling, | | | | | | | | | | | | leveling, |
|-----------------------|--|--|--|--|--|--|--|--|--|--|--|-----------------------|
| transporting or | | | | | | | | | | | | transporting or |
| loading machine | | | | | | | | | | | | loading machine |
| excavating machine | | | | | | | | | | | | excavating machine |
| foundation work | | | | | | | | | | | | foundation work |
| machine | | | | | | | | | | | | machine |
| hardening machine | | | | | | | | | | | | hardening machine |
| demolition machine | | | | | | | | | | | | demolition machine |
| vehicle for high lift | | | | | | | | | | | | vehicle for high lift |
| work | | | | | | | | | | | | work |
| other construction | | | | | | | | | | | | other construction |
| machines | | | | | | | | | | | | machines |
| lathe | | | | | | | | | | | | lathe |
| drill press, milling | | | | | | | | | | | | drill press, milling |
| machine | | | | | | | | | | | | machine |
| grinding machine, | | | | | | | | | | | | grinding machine, |
| buffing machine | | | | | | | | | | | | buffing machine |
| power press | | | | | | | | | | | | power press |
| forging pressure | | | | | | | | | | | | forging pressure |
| hammer | | | | | | | | | | | | hammer |
| shearing machine | | | | | | | | | | | | shearing machine |
| other metal | | | | | | | | | | | | other metal |
| manufacturing | | | | | | | | | | | | manufacturing |
| machines | | | | | | | | | | | | machines |
| | | | | | | | | | | | | |

| centrifugal machine | | | | | | | | | | | | | | | | centrifugal machine |
|--|---|---|------|------|--|---|--|---------------|---|--|--|--|---------------|--|---|--|
| mixer, grinder | | | | | | | | | | | | | | | | mixer, grinder |
| roll machine (except printingroll machine) | 1 | | | | | 1 | | | | | | | | | | roll machine (except printingroll machine) |
| injection molding | | | | | | | | | 1 | | | | | | 1 | injection molding machine |
| food manufacturing machine | | | | | | | | | | | | | | | | food manufacturing machine |
| printing machine | | | | | | | | | | | | | | | | printing machine |
| industrial robot | | | | | | | | | | | | | | | | industrial robot |
| other general power machines | | | 1 | | | | | | | | | | | | 1 | other general power machines |
| felling machine | | | | | | | | | | | | | | | | felling machine |
| mobile logging machine | | | | | | | | | | | | | | | | mobile logging machine |
| skyline yarding machine | | | | | | | | | | | | | | | | skyline yarding machine |
| other mobile silviculture machine | | | | | | | | | | | | | | | | other mobile silviculture machine |
| crane | | | | | | | | | | | | | | | | crane |
| mobile crane | | | | | | | | | | | | | | | | mobile crane |
| derrick crane | | | | | | | | | | | | | | | | derrick crane |
| elevator, lift | | | | | | | | | | | | | | | | elevator, lift |
| | | 7 | | | | | | $\overline{}$ | | | | | $\overline{}$ | | | |

| cargo lifting | | | | | | | | | | | | | | | cargo lifting |
|----------------------|--|---|--|---|---|--|--|--|--|--|--|--|--|---|----------------------|
| appliance | | | | | | | | | | | | | | | appliance |
| gondola | | | | | | | | | | | | | | | gondola |
| lumberyard | | | | | | | | | | | | | | | lumberyard |
| equipment, logging | | | | | | | | | | | | | | | equipment, logging |
| cableway | | | | | | | | | | | | | | | cableway |
| simple skyline | | | | | | | | | | | | | | | simple skyline |
| yarding equipment | | | | | | | | | | | | | | | yarding equipment |
| other powered | | | | | | | | | | | | | | | other powered |
| crane | | | | | | | | | | | | | | | crane |
| truck | | | | | | | | | | | | | | | truck |
| forklift | | 1 | | | | | | | | | | | | 1 | forklift |
| railway equipment | | | | | | | | | | | | | | | railway equipment |
| conveyor | | | | 1 | | | | | | | | | | 1 | conveyor |
| loader | | | | | | | | | | | | | | | loader |
| straddle carrier | | | | | | | | | | | | | | | straddle carrier |
| rough terrain hauler | | | | | | | | | | | | | | | rough terrain hauler |
| other powered | | | | | | | | | | | | | | | other powered |
| conveying machines | | | | | | | | | | | | | | | conveying machines |
| cars, bus, | | | | | 1 | | | | | | | | | 1 | cars, bus, |
| motorcycle | | | | | | | | | | | | | | | motorcycle |
| railway vehicle | | | | | | | | | | | | | | | railway vehicle |
| other vehicles | | | | | | | | | | | | | | | other vehicles |
| boiler | | | | | | | | | | | | | | | boiler |

| | | | | == | == | | |
|---------------------|--|------|------|--------|--------|------|------|------|------|------|------|------|---------------------|
| pressure vessel | | | | | | | | | | | | | pressure vessel |
| other pressure | | | | | | | | | | | | | other pressure |
| vessels | | | | | | | | | | | | | vessels |
| chemical facilities | | | | | | | | | | | | | chemical facilities |
| gas welding | | | | | | | | | | | | | gas welding |
| equipment | | | | | | | | | | | | | equipment |
| arc welding | | | | | | | | | | | | | arc welding |
| equipment | | | | | | | | | | | | | equipment |
| other welding | | | | | | | | | | | | | other welding |
| equipment | | | | | | | | | | | | | equipment |
| kiln, caldron | | | | | | | | | | | | | kiln, caldron |
| industrial dryer | | | | | | | | | | | | | industrial dryer |
| other kiln, caldron | | | | | | | | | | | | | other kiln, caldron |
| transmission | | | | | | | | | | | | | transmission |
| electric power | | | | | | | | | | | | | electric power |
| facilities | | | | | | | | | | | | | facilities |
| other electrical | | | | | | | | | | | | | other electrical |
| equipment | | | | | | | | | | | | | equipment |
| human power | | | | | | | | | | | | | human power |
| cranes | | | | | | | | | | | | | cranes |
| human power | | | | | | | | | | | | | human power |
| hauling equipment | | | | | | | | | | | | | hauling equipment |
| human power | | | | | | | | | | | | | human power |
| machine | | | | | | | | | | | | | machine |

| hand tool | | | | | | | | | | | | | | | hand tool |
|---|--|--|---|---|--|--|---|--|--|--|--|---|--|---|---|
| ladder | | | | 1 | | | | | | | | | | 1 | ladder |
| slinging tool | | | | | | | | | | | | | | | slinging tool |
| other tools | | | | | | | | | | | | | | | other tools |
| other equipment, | | | | | | | 1 | | | | | | | 1 | other equipment, facilities |
| scaffolding | | | | | | | | | | | | | | | scaffolding |
| timbering | | | | | | | | | | | | | | | timbering |
| stairs, landing stage | | | | | | | | | | | | | | | stairs, landing stage |
| opening | | | | | | | | | | | | | | | opening |
| roof, beam, haze, crossbeam, principal rafter | | | 1 | | | | | | | | | | | 1 | roof, beam, haze, crossbeam, principal rafter |
| working platform, | | | | | | | | | | | | | | | working platform, boot board |
| passage | | | | | | | | | | | | | | | passage |
| building, establishment | | | | | | | | | | | | 1 | | 1 | building, establishment |
| other temporary buildings, establishments | | | | | | | | | | | | | | | other temporary buildings, establishments |
| explosive substance | | | | | | | | | | | | | | | explosive substance |
| inflammable substance | | | | | | | | | | | | | | | inflammable substance |

| | | | | | | | | | | | | | | | |
|--------------------|---|---|------|------|------|------|------|---|------|------|------|------|------|---|--------------------|
| inflammable gas | | | | | | | | | | | | | | | inflammable gas |
| harmful substance | 1 | | | | | | | | | | | | | 1 | harmful substance |
| radiation | | | | | | | | | | | | | | | radiation |
| other hazards, | | | | | | | | | | | | | | | other hazards, |
| harmful substances | | | | | | | | | | | | | | | harmful substances |
| metal material | | | | | | | | | | | | | | | metal material |
| lumber, bamboo | | | | | | | | | | | | | | | lumber, bamboo |
| stone, sand, | | | | | | | | | | | | | | | stone, sand, |
| substance | | | | | | | | | | | | | | | substance |
| other materials | | | | | | | | | | | | | | | other materials |
| load | | | | | | | | | | | | | | | load |
| machine/equipment | | | | | | | | | | | | | | | machine/equipment |
| as load | | | | | | | | | | | | | | | as load |
| natural ground, | | | | | | | | | | | | | | | natural ground, |
| rock | | | | | | | | | | | | | | | rock |
| standing tree | | | | | | | | | | | | | | | standing tree |
| water | | | | | | | | 1 | | | | | | 1 | water |
| abnormal | | | | | | | | | | | | | | | abnormal |
| environment | | | | | | | | | | | | | | | environment |
| high/cold | | | | | | | | | | | | | | | high/cold |
| temperature | | | | | | | | | | | | | | | temperature |
| environment | | | | | | | | | | | | | | | environment |
| other environments | | 1 | | | | | | | | | | | | 1 | other environments |
| other causal agent | | | | | | | | | | | | | | | other causal agent |

| no causal agent | | | | | | | | | | | | | | | | | | no causal agent |
|-----------------|---|---|---|---|---|---|--|---|---|---|---|--|--|--|---|--|----|-----------------|
| unclassifiable | | | | | | | | | | | | | | | | | | unclassifiable |
| total | 1 | 2 | 1 | 1 | 2 | 2 | | 1 | 1 | 1 | 1 | | | | 1 | | 14 | total |

Workers age of fatal accidents in other fiber products in 1999-2021

| Age | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | total | Age |
|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|----------------------|
| 19 years old or less | | | | | | | | | | | | | | | | | | | | | | | | | 19 years old or less |
| 20-29 | | | | | | | | | | 1 | | | | | | | | | | | | | | 1 | 20-29 |
| 30-39 | | | | | | 2 | | | | | | | | | | | | | | | | | | 2 | 30-39 |
| 40-49 | | | 1 | | | | | | | | | | | | | | | | | | | | | 1 | 40-49 |
| 50-59 | 1 | 1 | | | | | 2 | | | | | | | | | | | | | | 1 | | | 5 | 50-59 |
| 60 years old or | | 1 | | | 1 | | | | | | | 1 | 1 | 1 | | | | | | | | | | 5 | 60 years old or |
| more | | • | | | • | | | | | | | • | • | | | | | | | | | | | | more |
| total | 1 | 2 | 1 | | 1 | 2 | 2 | | | 1 | | 1 | 1 | 1 | | | | | | | 1 | | | 14 | total |

Workers' number of workplace of fatal accidents in other fiber products in 1999-2021

| Workers scale | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | total | Workers scale |
|-------------------|------|------|--------|------|------|------|------|------|------|--------|------|--------|------|------|----------|--------|------|------|------|------|------|------|------|-------|-------------------|
| 9 workers or less | | | | | | | 1 | | | 1 | | 1 | | | | | | | | | | | | 3 | 9 workers or less |
| 10-29 | 1 | 2 | 1 | | | 2 | 1 | | | | | | | 1 | | | | | | | 1 | | | 9 | 10-29 |
| 30-49 | | | | | | | | | | | | | 1 | | | | | | | | | | | 1 | 30-49 |
| 50-99 | | | | | 1 | | | | | | | | | | | | | | | | | | | 1 | 50-99 |
| | | | \Box | | | | | | | \Box | | \Box | | | \sqcap | \Box | | | | | | | | | |

| 100-299 | | | | | | | | | | | | | | | | | | 100-299 |
|----------------|---|---|---|---|---|---|--|---|---|---|---|--|--|--|---|--|----|----------------|
| 300 workers or | | | | | | | | | | | | | | | | | | 300 workers or |
| more | | | | | | | | | | | | | | | | | | more |
| total | 1 | 2 | 1 | 1 | 2 | 2 | | 1 | 1 | 1 | 1 | | | | 1 | | 14 | total |

Month of fatal accidents in other fiber products in 1999-2021

| Month | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | total | Month |
|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-----------|
| January | | | | | | | | | | | | | | | | | | | | | | | | | January |
| February | | 1 | | | 1 | | | | | 1 | | | | 1 | | | | | | | 1 | | | 5 | February |
| March | | | 1 | | | | | | | | | 1 | 1 | | | | | | | | | | | 3 | March |
| April | | | | | | | 1 | | | | | | | | | | | | | | | | | 1 | April |
| May | | | | | | | | | | | | | | | | | | | | | | | | | May |
| June | | | | | | | | | | | | | | | | | | | | | | | | | June |
| July | | 1 | | | | | 1 | | | | | | | | | | | | | | | | | 2 | July |
| August | | | | | | 1 | | | | | | | | | | | | | | | | | | 1 | August |
| September | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | September |
| October | | | | | | 1 | | | | | | | | | | | | | | | | | | 1 | October |
| November | | | | | | | | | | | | | | | | | | | | | | | | | November |
| December | | | | | | | | | | | | | | | | | | | | | | | | | December |
| total | 1 | 2 | 1 | | 1 | 2 | 2 | | | 1 | | 1 | 1 | 1 | | | | | | | 1 | | | 14 | total |

| Prefecture | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | total | Prefecture |
|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------------|
| Hokkaido | | | | | | | | | | | | | | | | | | | | | | | | | Hokkaido |
| Aomori | | | | | | | | | | | | | | | | | | | | | | | | | Aomori |
| lwate | | | | | | | | | | | | | | | | | | | | | | | | | lwate |
| Miyagi | | | | | | | | | | | | | | | | | | | | | | | | | Miyagi |
| Akita | | | | | | | | | | | | | | | | | | | | | | | | | Akita |
| Yamagata | | | | | | | | | | | | | | | | | | | | | | | | | Yamagata |
| Fukushima | | | | | | | | | | | | | 1 | | | | | | | | | | | 1 | Fukushim |
| Ibaraki | | | | | | | | | | | | | | | | | | | | | | | | | Ibaraki |
| Tochigi | | | | | 1 | | | | | | | | | | | | | | | | | | | 1 | Tochigi |
| Gunma | | 1 | | | | | | | | | | | | | | | | | | | | | | 1 | Gunma |
| Saitama | 1 | | | | | 1 | | | | | | | | | | | | | | | | | | 2 | Saitama |
| Chiba | | | 1 | | | | | | | | | | | | | | | | | | | | | 1 | Chiba |
| Tokyo | | | | | | | | | | | | | | | | | | | | | | | | | Tokyo |
| Kanagawa | | | | | | | | | | | | | | | | | | | | | | | | | Kanagawa |
| Niigata | | | | | | | | | | | | | | | | | | | | | | | | | Niigata |
| Toyama | | | | | | | 1 | | | | | | | | | | | | | | | | | 1 | Toyama |
| Ishikawa | | | | | | | | | | | | 1 | | | | | | | | | | | | 1 | Ishikawa |
| Fukui | | | | | | | | | | | | | | | | | | | | | | | | | Fukui |
| Yamanashi | | | | | | | | | | | | | | | | | | | | | | | | | Yamanasl |
| Nagano | | | | | | | | | | | | | | | | | | | | | | | | | Nagano |
| Gifu | | | | | | 1 | | | | | | | | | | | | | | | 1 | | | 2 | Gifu |

| Shizuoka | | | | | | | | | | | | | | Shizuoka |
|-----------|---|--|--|---|--|---|--|---|--|--|--|--|---|-----------|
| Aichi | | | | | | 1 | | | | | | | 1 | Aichi |
| Mie | | | | | | | | | | | | | | Mie |
| Shiga | 1 | | | | | | | | | | | | 1 | Shiga |
| Kyoto | | | | | | | | | | | | | | Kyoto |
| Osaka | | | | 1 | | | | | | | | | 1 | Osaka |
| Hyogo | | | | | | | | | | | | | | Hyogo |
| Nara | | | | | | | | | | | | | | Nara |
| Wakayama | | | | | | | | | | | | | | Wakayama |
| Tottori | | | | | | | | | | | | | | Tottori |
| Shimane | | | | | | | | | | | | | | Shimane |
| Okayama | | | | | | | | | | | | | | Okayama |
| Hiroshima | | | | | | | | | | | | | | Hiroshima |
| Yamaguchi | | | | | | | | | | | | | | Yamaguchi |
| Tokushima | | | | | | | | | | | | | | Tokushima |
| Kagawa | | | | | | | | | | | | | | Kagawa |
| Ehime | | | | | | | | | | | | | | Ehime |
| Kochi | | | | | | | | | | | | | | Kochi |
| Fukuoka | | | | | | | | | | | | | | Fukuoka |
| Saga | | | | | | | | | | | | | | Saga |
| Nagasaki | | | | | | | | | | | | | | Nagasaki |
| Kumamoto | | | | | | | | 1 | | | | | 1 | Kumamoto |
| Oita | | | | | | | | | | | | | | Oita |

| Miyazaki | | | | | | | | | | | | | | | | | | Miyazaki |
|-----------|---|---|---|---|---|---|--|---|---|---|---|--|--|--|---|--|----|-----------|
| Kagoshima | | | | | | | | | | | | | | | | | | Kagoshima |
| Okinawa | | | | | | | | | | | | | | | | | | Okinawa |
| total | 1 | 2 | 1 | 1 | 2 | 2 | | 1 | 1 | 1 | 1 | | | | 1 | | 14 | total |

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

Return to https://www.jisha.or.jp/english/statistics/2021e industry.html