

Industrial accidents in stock/commodity trade business in Japan in 1999-2020

stock/commodity trade business industry Code No.090102

Type of accidents in stock/commodity trade business 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 | 2 | 3 | 2 | 3 | 5 | 5 | 4 | 2 | 8 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 4 | 3 | 2 | 1 | 2 |
| falling to same level | 4 | 6 | 1 | 3 | 5 | 7 | 3 | 5 | 8 | 5 | 1 | 3 | 3 | 6 | 3 | 2 | 1 | 6 | 5 | 7 | 2 | 4 |
| crash | 1 | 1 | 3 | - | 0 | - | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| struck by flying or falling object | 0 | 0 | 1 | 1 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| collapse | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| crashed by | 0 | 0 | 0 | - | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| caught in/between | 1 | 1 | 1 | - | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 2 |
| cut | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 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 |
| drown | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| contact to high/low-temperature | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| contact to harmful substance | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| electric shock | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| explosion | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| burst | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| fire | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| traffic accident (public road) | 4 | 6 | 5 | 3 | 3 | 1 | 3 | 1 | 2 | 2 | 3 | 2 | 4 | 4 | 2 | 1 | 1 | 2 | 5 | 4 | 2 | 1 |
| traffic accident (others) | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| reaction to motion/improper motion | 1 | 3 | 0 | - | 1 | 2 | 2 | 1 | 1 | 2 | 0 | 0 | 2 | 2 | 1 | 1 | 0 | 2 | 0 | 0 | 1 | 0 |
| others | 0 | 0 | 0 | - | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 |

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|----------------|----|----|----|----|----|----|----|----|----|----|---|---|----|----|---|---|---|----|----|----|---|----|
| unclassifiable | 0 | 0 | 0 | 1 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| total | 13 | 19 | 14 | 10 | 13 | 18 | 14 | 12 | 15 | 18 | 4 | 8 | 14 | 12 | 7 | 7 | 7 | 14 | 16 | 14 | 9 | 11 |

Causal agents (middle) of industrial accidents in stock/commodity trade business in 1999-2020

| Causal (M) agents | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| engine | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| power transmission mechanism | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| woodworking machine | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| construction machine | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 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 |
| general machine | 0 | 0 | 0 | - | 1 | - | 0 | 0 | 0 | 0 | 0 | 1 | 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 |
| conveying machine | 1 | 1 | 0 | - | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| vehicle | 5 | 6 | 5 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | 2 | 3 | 5 | 3 | 2 | 0 | 2 | 5 | 3 | 2 | 2 |
| pressure vessel | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| chemical facilities | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| welding equipment | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| kiln, caldron | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| electric equipment | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| human power machine, tools | 0 | 1 | 0 | - | 1 | - | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 1 | 2 | 0 | 2 | 2 | 0 |
| tools | 0 | 0 | 2 | 1 | 1 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 |
| other equipments, facilities | 0 | 1 | 1 | 1 | 0 | - | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| temporary buildings, | 4 | 7 | 6 | 4 | 6 | 6 | 8 | 8 | 9 | 12 | 1 | 3 | 5 | 6 | 2 | 2 | 6 | 9 | 7 | 6 | 3 | 5 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| equipment | | | | | | | | | | | | | | | | | | | | | | |
| arc welding equipment | | | 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 |
| kiln, caldron | | | 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 |
| other kiln, caldron | | | 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 | 1 | 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 |
| other electrical equipment | | | 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 |
| human power hauling equipment | | | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 1 | 2 | 0 | 2 | 1 | 0 | | |
| human power machine | | | 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 | 1 | 0 | |
| ladder | | | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | | |
| slinging tool | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| other tools | | | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | | |
| other equipment, facilities | | | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | | |
| scaffolding | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| timbering | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| stairs, landing stage | | | 5 | 3 | 4 | 6 | 3 | 9 | 0 | 1 | 4 | 0 | 1 | 1 | 6 | 5 | 5 | 2 | 1 | 2 | | |
| opening | | | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| roof, beam, haze, crossbeam, principal rafter | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| working platform, boot board | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | | |
| passage | | | 1 | 3 | 2 | 2 | 5 | 1 | 0 | 1 | 0 | 4 | 1 | 1 | 0 | 3 | 2 | 3 | 2 | 2 | | |
| building, establishment | | | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | | |

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|----------------------|----|----|----|----|----|----|----|----|----|----|---|---|----|----|---|---|---|----|----|----|---|----|
| 19 years old or less | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | |
| 20-29 | 2 | 4 | 2 | 6 | 2 | 3 | 3 | 2 | 2 | 5 | 2 | 4 | 3 | 3 | 1 | 0 | 3 | 2 | 3 | 1 | 1 | 0 |
| 30-39 | 6 | 1 | 6 | 1 | 4 | 5 | 1 | 5 | 5 | 6 | 1 | 1 | 2 | 0 | 1 | 1 | 0 | 0 | 2 | 1 | 1 | 3 |
| 40-49 | 2 | 6 | 4 | 2 | 3 | - | 8 | 0 | 2 | 4 | 1 | 3 | 2 | 2 | 2 | 2 | 1 | 5 | 6 | 2 | 3 | 1 |
| 50-59 | 2 | 6 | 2 | 1 | 4 | 8 | 2 | 4 | 5 | 2 | 0 | 0 | 5 | 4 | 3 | 2 | 3 | 6 | 4 | 7 | 3 | 4 |
| 60 years old or more | 1 | 2 | 0 | - | 0 | 2 | 0 | 1 | 1 | 1 | 0 | 0 | 2 | 3 | 0 | 2 | 0 | 1 | 1 | 2 | 1 | 3 |
| total | 13 | 19 | 14 | 10 | 13 | 18 | 14 | 12 | 15 | 18 | 4 | 8 | 14 | 12 | 7 | 7 | 7 | 14 | 16 | 14 | 9 | 11 |

Workers' number of workplace of industrial accidents in stock/commodity trade business in 1999-2020

| Workers scale | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 9 workers or less | 0 | 0 | 2 | 1 | 1 | 3 | 2 | 2 | 1 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 1 |
| 10-29 | 3 | 3 | 1 | 2 | 4 | 5 | 2 | 2 | 0 | 3 | 3 | 1 | 2 | 1 | 2 | 1 | 1 | 4 | 3 | 4 | 1 | 1 |
| 30-49 | 2 | 2 | 3 | 1 | 0 | 1 | 3 | 4 | 3 | 1 | 0 | 2 | 1 | 3 | 0 | 2 | 1 | 0 | 2 | 1 | 1 | 1 |
| 50-99 | 3 | 5 | 5 | 1 | 3 | 1 | 1 | 1 | 3 | 3 | 0 | 1 | 1 | 3 | 3 | 1 | 0 | 3 | 4 | 1 | 1 | 2 |
| 100-299 | 1 | 4 | 0 | 2 | 3 | 4 | 3 | 1 | 2 | 4 | 0 | 2 | 4 | 3 | 2 | 2 | 4 | 4 | 5 | 3 | 2 | 6 |
| 300 workers or more | 4 | 5 | 3 | 3 | 2 | 4 | 3 | 2 | 6 | 5 | 1 | 2 | 4 | 2 | 0 | 1 | 1 | 3 | 1 | 3 | 4 | 0 |
| total | 13 | 19 | 14 | 10 | 13 | 18 | 14 | 12 | 15 | 18 | 4 | 8 | 14 | 12 | 7 | 7 | 7 | 14 | 16 | 14 | 9 | 11 |

Month of industrial accidents in stock/commodity trade business in 1999-2020

| Month | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| January | 3 | 1 | 2 | 1 | 1 | 3 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 2 | 2 | 2 | 0 | 1 |
| February | 3 | 2 | 1 | - | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 2 | 2 | 3 |
| March | 3 | 1 | 0 | 1 | 0 | 2 | 2 | 1 | 2 | 1 | 3 | 1 | 1 | 2 | 0 | 2 | 1 | 2 | 2 | 1 | 0 | 1 |
| April | 1 | 1 | 0 | 3 | 2 | 1 | 0 | 0 | 2 | 1 | 0 | 1 | 1 | 3 | 0 | 0 | 0 | 1 | 2 | 0 | 2 | 1 |
| May | 1 | 2 | 4 | 1 | 0 | 3 | 1 | 1 | 1 | 1 | 0 | 2 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 2 | 1 | 0 |
| June | 2 | 0 | 1 | - | 1 | 3 | 3 | 0 | 2 | 2 | 0 | 0 | 4 | 0 | 2 | 0 | 1 | 0 | 1 | 1 | 1 | 0 |
| July | 0 | 3 | 0 | 1 | 2 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 1 | 0 | 3 | 0 | 0 | 0 | 2 | 2 | 0 | 2 |
| August | 0 | 4 | 1 | 1 | 1 | 1 | 3 | 1 | 3 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 |
| September | 0 | 1 | 2 | - | 2 | 1 | 0 | 1 | 2 | 1 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 |
| October | 0 | 0 | 0 | - | 1 | 2 | 3 | 1 | 1 | 2 | 0 | 0 | 0 | 1 | 2 | 1 | 1 | 0 | 2 | 0 | 1 | 2 |
| November | 0 | 0 | 1 | 2 | 0 | 2 | 1 | 3 | 0 | 1 | 0 | 1 | 3 | 1 | 0 | 3 | 2 | 4 | 1 | 1 | 1 | 1 |
| December | 0 | 4 | 2 | - | 2 | 0 | 1 | 1 | 1 | 3 | 0 | 1 | 2 | 1 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 0 |

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|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Oita | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miyazaki | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kagoshima | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Okinawa | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| total | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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

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