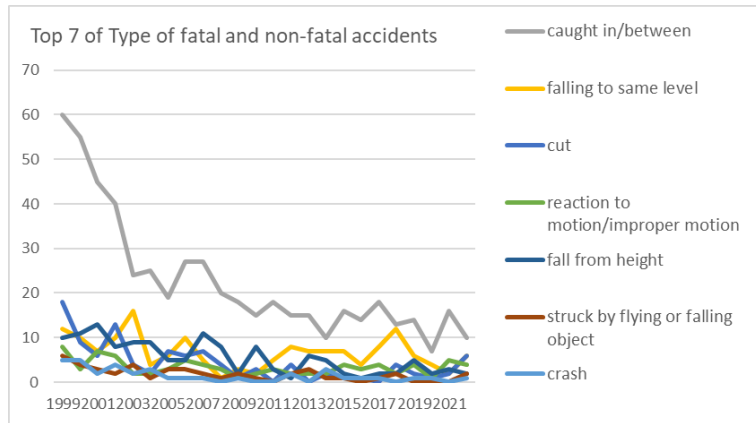
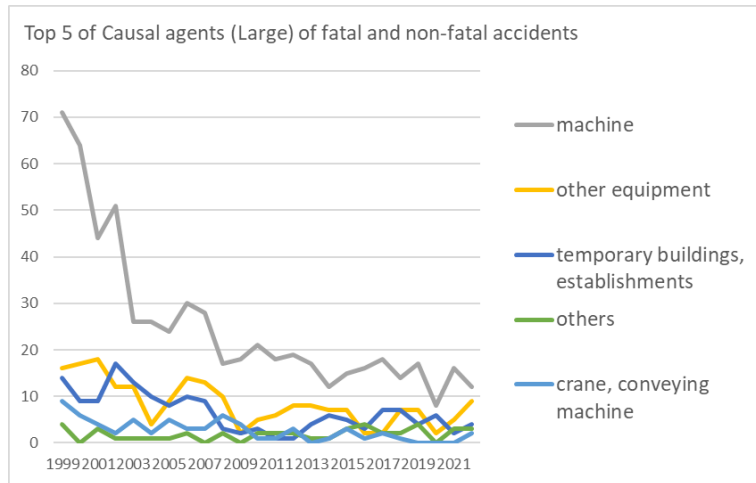


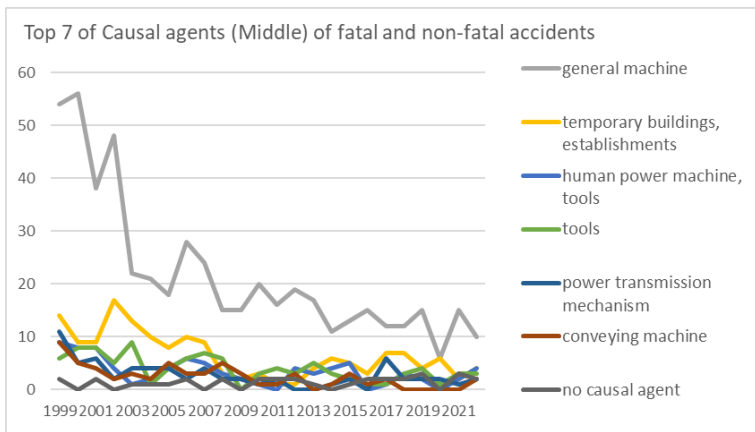
Transition of fatal and non-fatal accidents in 010202 cotton-spinning in Japan (1999-2022)



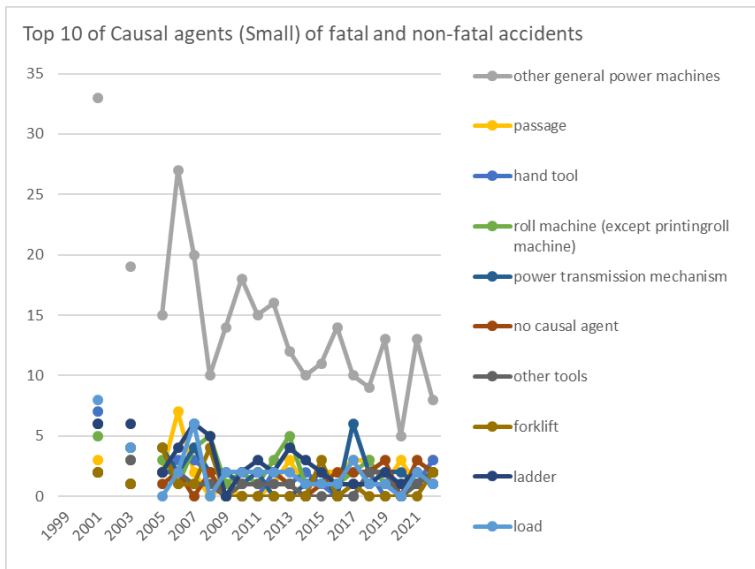
Transition of Top 7 of Type of fatal and non-fatal accidents in 010202 cotton-spinning in Japan (1999-2022)



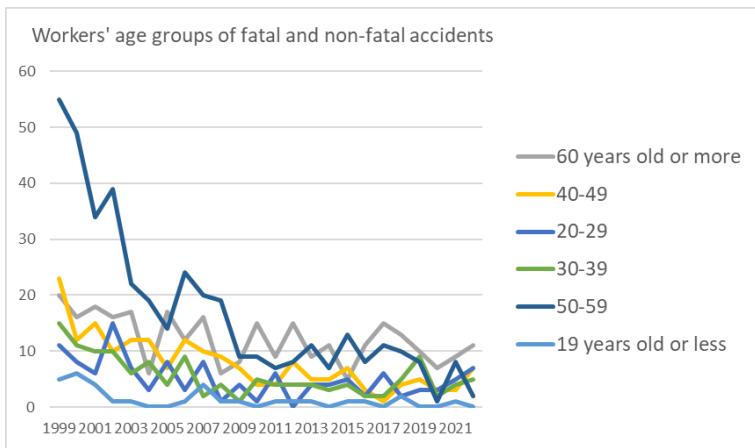
Transition of Top 5 of Causal agents (Large) of fatal and non-fatal accidents in 010202 cotton-spinning in Japan (1999-2022)



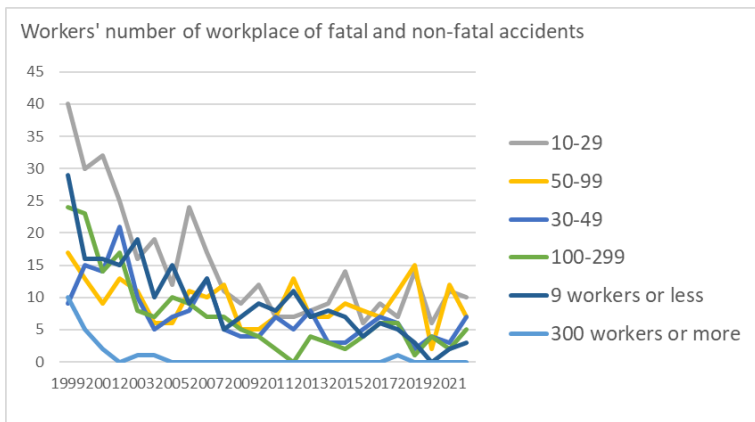
Transition of Top 7 of Causal agents (Middle) of fatal and non-fatal accidents in 010202 cotton-spinning in Japan (1999-2022)



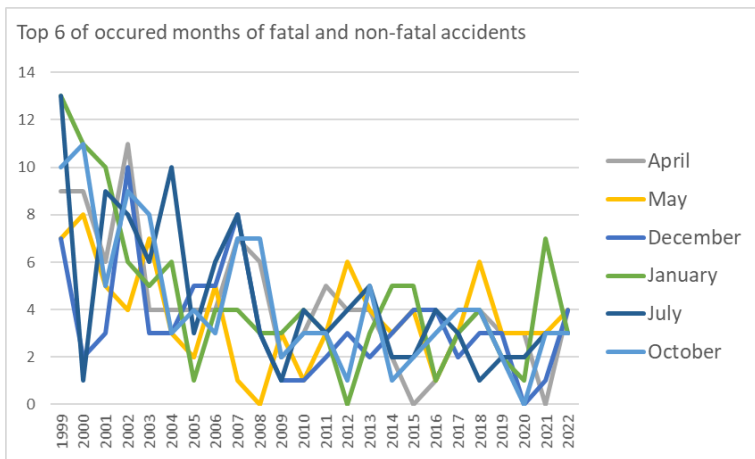
Transition of Top 10 of Causal agents (Small) of fatal and non-fatal accidents in 010202 cotton-spinning in Japan (1999-2022)



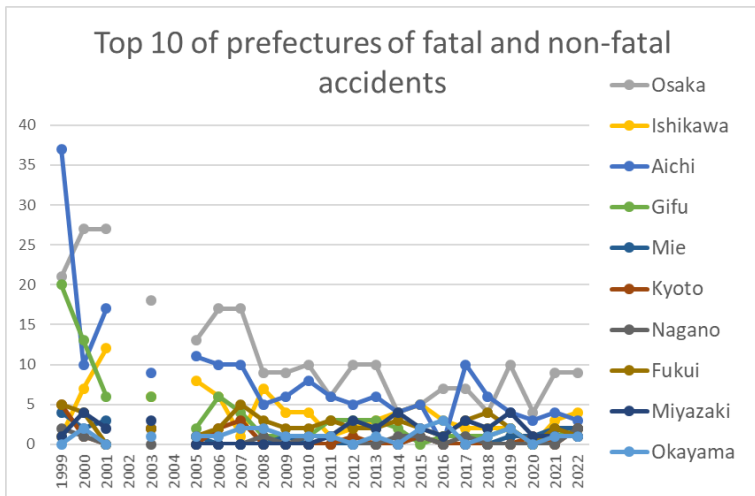
Transition of workers' age groups of fatal and non-fatal accidents in 010202 cotton-spinning in Japan (1999-2022)



Transition of workers' number of workplace of fatal and non-fatal accidents in 010202 cotton-spinning in Japan (1999-2022)



Transition of Top 6 of occurred months of fatal and non-fatal accidents in 010202 cotton-spinning in Japan (1999-2022)



Transition of Top 10 of prefectures of fatal and non-fatal accidents in 010202 cotton-spinning in Japan (1999-2022)

Transition of Type of fatal and non-fatal accidents in 010202 cotton-spinning in Japan (1999-2022)

| 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 | 2022 | total | Type of accidents |
|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------------------|
| caught in/between | 60 | 55 | 45 | 40 | 24 | 25 | 19 | 27 | 27 | 20 | 18 | 15 | 18 | 15 | 15 | 10 | 16 | 14 | 18 | 13 | 14 | 7 | 16 | 10 | 541 | caught in/between |
| falling to same level | 12 | 10 | 7 | 10 | 16 | 4 | 6 | 10 | 5 | 1 | 3 | 2 | 5 | 8 | 7 | 7 | 7 | 4 | 8 | 12 | 6 | 4 | 2 | 6 | 162 | falling to same |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|---|--|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------|---|
| other equipment, facilities | | | 2 | | 1 | | | 2 | 1 | 1 | | | | 1 | 1 | | | | 1 | | 1 | 1 | | 1 | 13 | other equipment, facilities |
| other materials | | | | | 3 | | 1 | | | | | | | 2 | | | | | 1 | | | 1 | 1 | | 9 | other materials |
| other causal agent | | | 1 | | | | | | | | | | | 1 | 2 | 2 | | | 1 | | | 1 | | 8 | other causal agent | |
| other electrical equipment | | | | | | | 1 | | | | | 1 | | | | | | | | | | | 1 | | 3 | other electrical equipment |
| working platform, boot board | | | 4 | | 5 | | 3 | 2 | 2 | 1 | 1 | 1 | 1 | | 1 | 2 | | 2 | 1 | 2 | 1 | | | | 29 | working platform, boot board |
| conveyor | | | 2 | | 2 | | | 2 | 1 | | 2 | | | 2 | | 1 | | 1 | | | | | | | 13 | conveyor |
| other temporary buildings, establishments | | | | | | | 1 | | | 2 | 1 | | | | | | 1 | 1 | 2 | | 1 | 1 | | | 10 | other temporary buildings, establishments |
| building, establishment | | | 1 | | 1 | | 1 | | | | | 1 | | | 2 | | | | | | 1 | | | | 7 | building, establishment |
| metal material | | | | | 1 | | | | | 1 | 2 | | | | 1 | | | 1 | | | | | | | 6 | metal material |
| truck | | | | | | | 1 | | | | | | 1 | 1 | | | | 1 | | | | | | | 4 | truck |
| other powered conveying machines | | | | | | | | | | 1 | 1 | 1 | 1 | | | | | | | | | | | | 4 | other powered conveying machines |
| high/cold temperature environment | | | 1 | | | | | | | | | | | | | | | | 1 | 2 | | | | | 4 | high/cold temperature environment |
| other environments | | | | | | | | | | | | | 1 | 1 | | 2 | | | | | | | | | 4 | other environments |
| roof, beam, haze, crossbeam, principal rafter | | | | | | | 2 | | | | | | | | | | | | | | | | 1 | | 3 | roof, beam, haze, crossbeam, principal rafter |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-------|
| total | 129 | 102 | 87 | 91 | 65 | 48 | 50 | 61 | 60 | 40 | 30 | 34 | 31 | 36 | 34 | 30 | 35 | 27 | 35 | 36 | 35 | 16 | 30 | 32 | 1,174 | total |
|-------|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-------|

Transition of workers' age groups of fatal and non-fatal accidents in 010202 cotton-spinning in Japan (1999-2022)

| Age | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | total | Age |
|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|----------------------|
| 60 years old or more | 20 | 16 | 18 | 16 | 17 | 6 | 17 | 12 | 16 | 6 | 8 | 15 | 9 | 15 | 9 | 11 | 5 | 11 | 15 | 13 | 10 | 7 | 9 | 11 | 292 | 60 years old or more |
| 40-49 | 23 | 12 | 15 | 10 | 12 | 12 | 7 | 12 | 10 | 9 | 7 | 4 | 4 | 8 | 5 | 5 | 7 | 3 | 1 | 4 | 5 | 3 | 3 | 7 | 188 | 40-49 |
| 20-29 | 11 | 8 | 6 | 15 | 7 | 3 | 8 | 3 | 8 | 1 | 4 | 1 | 6 | | 4 | 4 | 5 | 2 | 6 | 2 | 3 | 3 | 5 | 7 | 122 | 20-29 |
| 30-39 | 15 | 11 | 10 | 10 | 6 | 8 | 4 | 9 | 2 | 4 | 1 | 5 | 4 | 4 | 4 | 3 | 4 | 2 | 2 | 5 | 9 | 2 | 4 | 5 | 133 | 30-39 |
| 50-59 | 55 | 49 | 34 | 39 | 22 | 19 | 14 | 24 | 20 | 19 | 9 | 9 | 7 | 8 | 11 | 7 | 13 | 8 | 11 | 10 | 8 | 1 | 8 | 2 | 407 | 50-59 |
| 19 years old or less | 5 | 6 | 4 | 1 | 1 | | | 1 | 4 | 1 | 1 | | 1 | 1 | 1 | | 1 | 1 | | 2 | | | 1 | | 32 | 19 years old or less |
| total | 129 | 102 | 87 | 91 | 65 | 48 | 50 | 61 | 60 | 40 | 30 | 34 | 31 | 36 | 34 | 30 | 35 | 27 | 35 | 36 | 35 | 16 | 30 | 32 | 1,174 | total |

Transition of workers' number of workplace of fatal and non-fatal accidents in 010202 cotton-spinning in Japan (1999-2022)

| 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 | 2022 | total | Workers scale |
|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|---------------------|
| 10-29 | 40 | 30 | 32 | 25 | 16 | 19 | 12 | 24 | 17 | 11 | 9 | 12 | 7 | 7 | 8 | 9 | 14 | 6 | 9 | 7 | 14 | 6 | 11 | 10 | 355 | 10-29 |
| 50-99 | 17 | 13 | 9 | 13 | 11 | 6 | 6 | 11 | 10 | 12 | 5 | 5 | 7 | 13 | 7 | 7 | 9 | 8 | 7 | 11 | 15 | 2 | 12 | 7 | 223 | 50-99 |
| 30-49 | 9 | 15 | 14 | 21 | 10 | 5 | 7 | 8 | 13 | 5 | 4 | 4 | 7 | 5 | 8 | 3 | 3 | 5 | 7 | 6 | 2 | 4 | 3 | 7 | 175 | 30-49 |
| 100-299 | 24 | 23 | 14 | 17 | 8 | 7 | 10 | 9 | 7 | 7 | 5 | 4 | 2 | | 4 | 3 | 2 | 4 | 6 | 6 | 1 | 4 | 2 | 5 | 174 | 100-299 |
| 9 workers or less | 29 | 16 | 16 | 15 | 19 | 10 | 15 | 9 | 13 | 5 | 7 | 9 | 8 | 11 | 7 | 8 | 7 | 4 | 6 | 5 | 3 | | 2 | 3 | 227 | 9 workers or less |
| 300 workers or more | 10 | 5 | 2 | | 1 | 1 | | | | | | | | | | | | | | 1 | | | | | 20 | 300 workers or more |
| total | 129 | 102 | 87 | 91 | 65 | 48 | 50 | 61 | 60 | 40 | 30 | 34 | 31 | 36 | 34 | 30 | 35 | 27 | 35 | 36 | 35 | 16 | 30 | 32 | 1,174 | total |

Transition of occurred months of fatal and non-fatal accidents in 010202 cotton-spinning in Japan (1999-2022)

| Month | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | total | Month |
|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-----------|
| April | 9 | 9 | 6 | 11 | 4 | 4 | 4 | 4 | 7 | 6 | 2 | 3 | 5 | 4 | 4 | 2 | | 1 | 3 | 4 | 3 | 3 | | 4 | 102 | April |
| May | 7 | 8 | 5 | 4 | 7 | 3 | 2 | 5 | 1 | | 3 | 1 | 3 | 6 | 4 | 3 | 4 | 1 | 3 | 6 | 3 | 3 | 3 | 4 | 89 | May |
| December | 7 | 2 | 3 | 10 | 3 | 3 | 5 | 5 | 8 | 3 | 1 | 1 | 2 | 3 | 2 | 3 | 4 | 4 | 2 | 3 | 3 | | 1 | 4 | 82 | December |
| January | 13 | 11 | 10 | 6 | 5 | 6 | 1 | 4 | 4 | 3 | 3 | 4 | 3 | | 3 | 5 | 5 | 1 | 3 | 4 | 2 | 1 | 7 | 3 | 107 | January |
| July | 13 | 1 | 9 | 8 | 6 | 10 | 3 | 6 | 8 | 3 | 1 | 4 | 3 | 4 | 5 | 2 | 2 | 4 | 3 | 1 | 2 | 2 | 3 | 3 | 106 | July |
| October | 10 | 11 | 5 | 9 | 8 | 3 | 4 | 3 | 7 | 7 | 2 | 3 | 3 | 1 | 5 | 1 | 2 | 3 | 4 | 4 | 2 | | 3 | 3 | 103 | October |
| August | 12 | 9 | 5 | 11 | 6 | 5 | 6 | 5 | 6 | 1 | 1 | 4 | 1 | 4 | 2 | 2 | 2 | 2 | 3 | 1 | 5 | 2 | 2 | 3 | 100 | August |
| February | 11 | 10 | 9 | 7 | 6 | 3 | 5 | 8 | 3 | 7 | 4 | 1 | 2 | 4 | 2 | 4 | 5 | 4 | 2 | | 3 | | 1 | 2 | 103 | February |
| March | 17 | 14 | 5 | 4 | 3 | 4 | 3 | 7 | 5 | 3 | 2 | 2 | 4 | 3 | | 1 | 3 | 2 | 3 | 8 | 3 | 1 | 3 | 2 | 102 | March |
| November | 10 | 9 | 8 | 8 | 6 | 1 | 4 | 5 | 5 | 2 | 3 | 4 | 1 | 3 | 2 | 3 | 1 | 3 | 5 | 1 | 1 | 2 | 1 | 2 | 90 | November |
| September | 10 | 8 | 6 | 7 | 5 | 2 | 7 | 2 | 1 | 2 | 4 | 4 | 3 | 3 | 4 | 2 | 3 | 2 | 2 | 2 | 5 | | 1 | 2 | 87 | September |
| June | 10 | 10 | 16 | 6 | 6 | 4 | 6 | 7 | 5 | 3 | 4 | 3 | 1 | 1 | 1 | 2 | 4 | | 2 | 2 | 3 | 2 | 5 | | 103 | June |
| total | 129 | 102 | 87 | 91 | 65 | 48 | 50 | 61 | 60 | 40 | 30 | 34 | 31 | 36 | 34 | 30 | 35 | 27 | 35 | 36 | 35 | 16 | 30 | 32 | 1,174 | total |

Transition of prefectures of fatal and non-fatal accidents in 010202 cotton-spinning in Japan (1999-2022)

| Prefecture | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | total | Prefecture |
|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------------|
| Osaka | 21 | 27 | 27 | | 18 | | 13 | 17 | 17 | 9 | 9 | 10 | 6 | 10 | 10 | 4 | 5 | 7 | 7 | 4 | 10 | 4 | 9 | 9 | 253 | Osaka |
| Ishikawa | 1 | 7 | 12 | | 6 | | 8 | 6 | 1 | 7 | 4 | 4 | 1 | 2 | 3 | 4 | 5 | 3 | 2 | 2 | 2 | | 3 | 4 | 87 | Ishikawa |
| Aichi | 37 | 10 | 17 | | 9 | | 11 | 10 | 10 | 5 | 6 | 8 | 6 | 5 | 6 | 4 | 5 | | 10 | 6 | 4 | 3 | 4 | 3 | 179 | Aichi |
| Gifu | 20 | 13 | 6 | | 6 | | 2 | 6 | 4 | 1 | 1 | 1 | 3 | 3 | 3 | 2 | | 1 | 1 | 1 | 2 | | 1 | 2 | 79 | Gifu |
| Mie | 4 | 2 | 3 | | 2 | | 1 | | | | 1 | | | | | | 1 | | | | 1 | 1 | 2 | 2 | 20 | Mie |
| Kyoto | 5 | 1 | | | 2 | | | 2 | 3 | | | | | 1 | | | 1 | | | | | 1 | | 2 | 18 | Kyoto |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|---|---|---|--|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--------|-----------|
| Nagano | 2 | 1 | | | | | | | 1 | | 1 | 1 | | | 1 | 1 | | 1 | | | | | 2 | 11 | Nagano | |
| Fukui | 5 | 4 | | | 2 | | 1 | 2 | 5 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 1 | 3 | 4 | 2 | | 2 | 1 | 51 | Fukui |
| Miyazaki | 1 | 4 | 2 | | 3 | | | | | | | | 1 | 3 | 2 | 4 | 2 | 1 | 3 | 2 | 4 | 1 | 1 | 1 | 35 | Miyazaki |
| Okayama | | 2 | | | 1 | | 1 | 1 | 2 | 2 | 1 | 1 | 1 | | 1 | | 2 | 3 | | 1 | 2 | | 1 | 1 | 23 | Okayama |
| Shiga | 3 | 1 | | | 1 | | 1 | | 1 | 2 | 1 | | | | 1 | 2 | 1 | | 2 | 2 | 1 | | 2 | 1 | 22 | Shiga |
| Nagasaki | 1 | | 1 | | | | | | 1 | | | | | 2 | | | 2 | 2 | | 1 | 2 | 1 | 2 | 1 | 16 | Nagasaki |
| Miyagi | | 2 | | | | | | 1 | | | 1 | | 2 | | | | | | | 1 | 1 | | | 1 | 9 | Miyagi |
| Kanagawa | | 1 | | | | | | | | | | | 1 | 1 | | | | | | 2 | | | | 1 | 6 | Kanagawa |
| Ehime | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | Ehime |
| Kumamoto | 2 | 2 | 4 | | 2 | | 1 | 3 | 1 | 1 | | 1 | | 1 | 1 | 1 | 2 | 3 | 1 | 4 | 3 | 1 | | | 34 | Kumamoto |
| Hiroshima | 4 | 2 | 2 | | 3 | | 1 | 1 | 4 | | | 2 | | 1 | | 1 | 1 | | | | | | | | 22 | Hiroshima |
| Shimane | | 3 | 2 | | | | | 2 | 1 | 2 | 1 | | | 1 | 1 | | | 1 | | 1 | | 2 | 1 | | 18 | Shimane |
| Kagoshima | 5 | 3 | 1 | | 1 | | 1 | 2 | 1 | | | | | | | 1 | 2 | 1 | | | | | | | 18 | Kagoshima |
| Toyama | 2 | 2 | 1 | | 1 | | 1 | | | 1 | | | 3 | 1 | | 1 | | 2 | 1 | | | | 1 | | 17 | Toyama |
| Wakayama | 3 | 2 | 1 | | 2 | | 1 | 1 | 2 | 1 | | | 1 | | | 1 | 1 | | | 1 | | | | | 17 | Wakayama |
| Shizuoka | 2 | 3 | 2 | | 1 | | 2 | | | 1 | 1 | 1 | | | | | | 1 | | | | | | | 14 | Shizuoka |
| Hyogo | 2 | 2 | 1 | | | | 1 | 1 | 1 | | 1 | 1 | | 1 | 2 | | 1 | | | | | | | | 14 | Hyogo |
| Yamagata | 2 | 1 | 1 | | 1 | | | | | 2 | | | | 1 | | | 1 | | | | | 1 | | | 10 | Yamagata |
| Niigata | 1 | | | | 1 | | | 1 | 1 | | 1 | 1 | 1 | 1 | | | | | | 2 | | | | | 10 | Niigata |
| Saga | | 1 | 1 | | 2 | | | 1 | 2 | 1 | | | | | | 1 | | | | | | | | | 9 | Saga |
| Oita | 1 | 2 | | | 1 | | | | | | 1 | | | | 1 | 1 | | | 1 | | | 1 | | 9 | Oita | |
| Kagawa | | 1 | 1 | | | | 1 | 1 | | 1 | | | | | | | | 1 | | 1 | | | | | 7 | Kagawa |
| Fukushima | | | | | | | | 1 | 2 | | | | | | | 1 | | | 1 | | | | | | 5 | Fukushima |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-------|-----------|----------|
| Tokyo | 1 | | | | | | 1 | 1 | | | | | | | | | 1 | | | | | | | | 4 | Tokyo | | |
| Ibaraki | | | 1 | | | | 1 | 1 | | | | | | | | | | | | | | | | | | 3 | Ibaraki | |
| Gunma | 2 | 1 | | | | | | | | | | | | | | | | | | | | | | | | 3 | Gunma | |
| Tottori | 1 | | | | | | | | | | | | 1 | | | | | | | | 1 | | | | | 3 | Tottori | |
| Yamanashi | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | 2 | Yamanashi | |
| Kochi | | | | | | | 1 | | | | | | | | 1 | | | | | | | | | | | 2 | Kochi | |
| Chiba | | | | | | | | 1 | | | | | | | | | | | | | | | | | | 1 | Chiba | |
| Nara | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | Nara | |
| Yamaguchi | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 | Yamaguchi | |
| Tokushima | | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | Tokushima | |
| Hokkaido | | | | | | | | | | | | | | | | | | | | | | | | | | | | Hokkaido |
| Aomori | | | | | | | | | | | | | | | | | | | | | | | | | | | | Aomori |
| Iwate | | | | | | | | | | | | | | | | | | | | | | | | | | | | Iwate |
| Akita | | | | | | | | | | | | | | | | | | | | | | | | | | | | Akita |
| Tochigi | | | | | | | | | | | | | | | | | | | | | | | | | | | | Tochigi |
| Saitama | | | | | | | | | | | | | | | | | | | | | | | | | | | | Saitama |
| Fukuoka | | | | | | | | | | | | | | | | | | | | | | | | | | | | Fukuoka |
| Okinawa | | | | | | | | | | | | | | | | | | | | | | | | | | | | Okinawa |
| total | 129 | 102 | 87 | 91 | 65 | 48 | 50 | 61 | 60 | 40 | 30 | 34 | 31 | 36 | 34 | 30 | 35 | 27 | 35 | 36 | 35 | 16 | 30 | 32 | 1,174 | total | | |

Data Source : <https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.html> MHLW, Jaan

Return to https://www.jisha.or.jp/english/statistics/202312_05.html