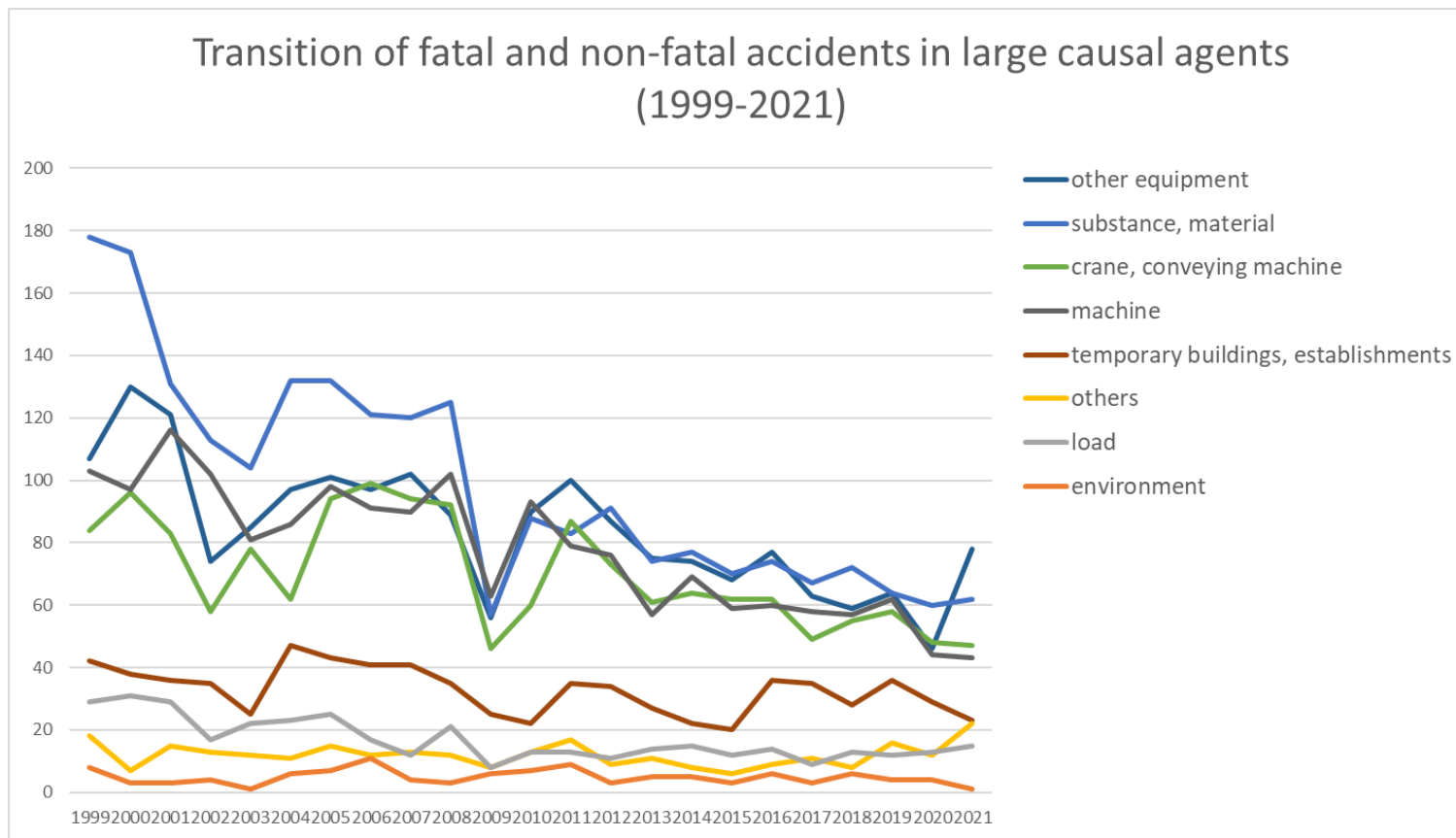
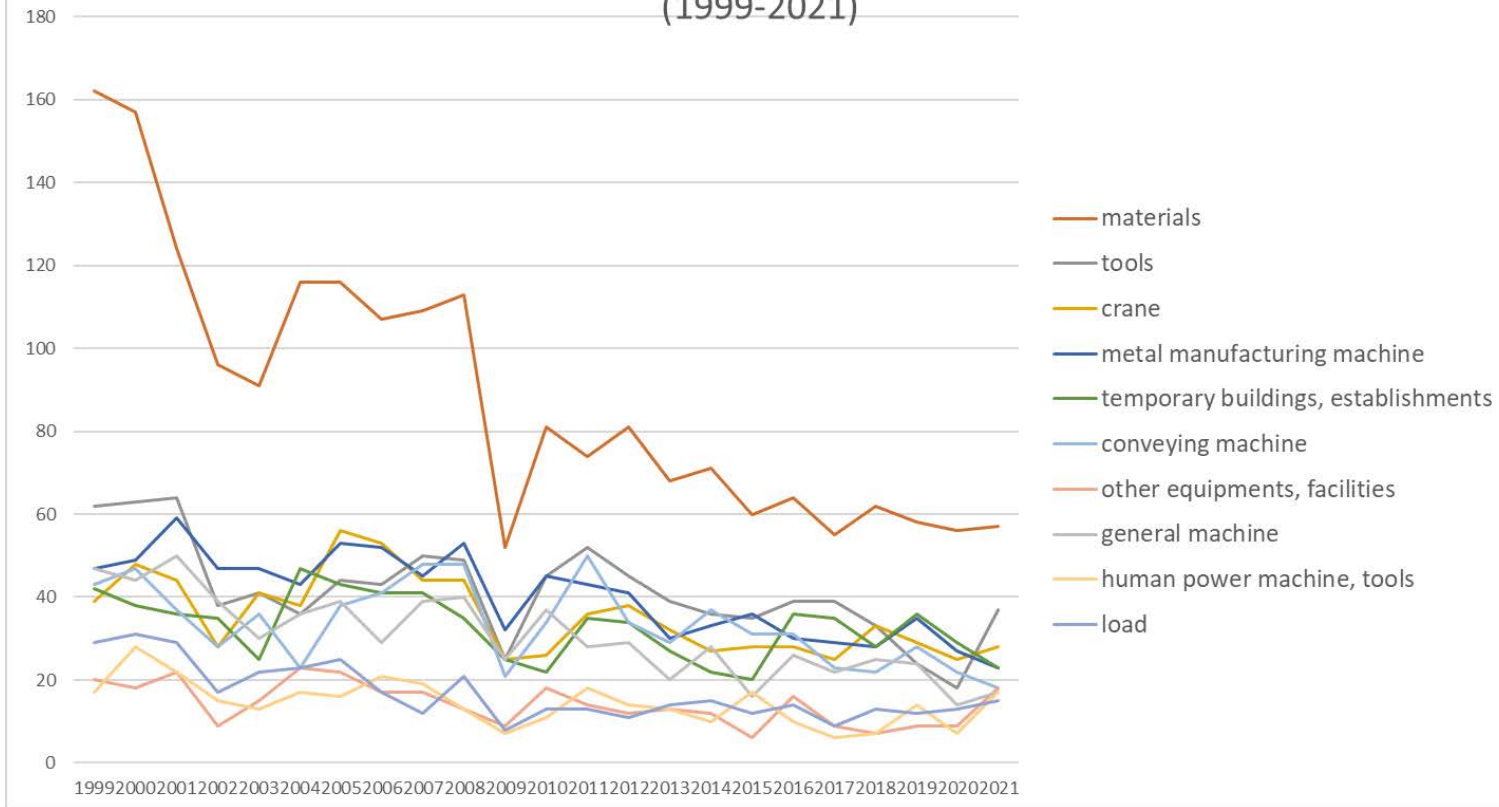


Transition of fatal and non-fatal accidents in each element like as causal agents, type of accidents, etc. in code no. 011002 casting products (1999-2021)



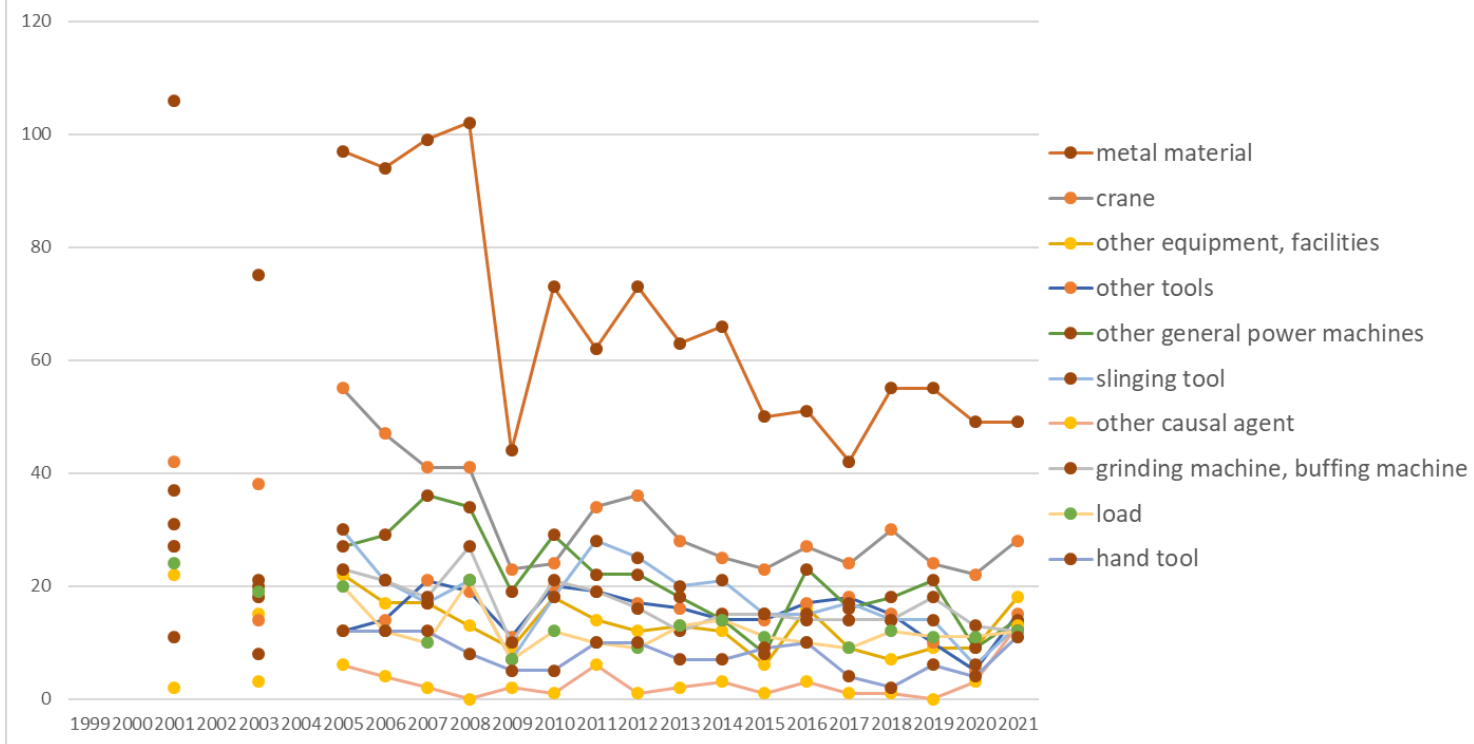
Transition of fatal and non-fatal accidents in large causal agents in code no. 011002 casting products (1999-2021)

Transition of fatal and non-fatal accidents in top 10 middle causal agents
(1999-2021)



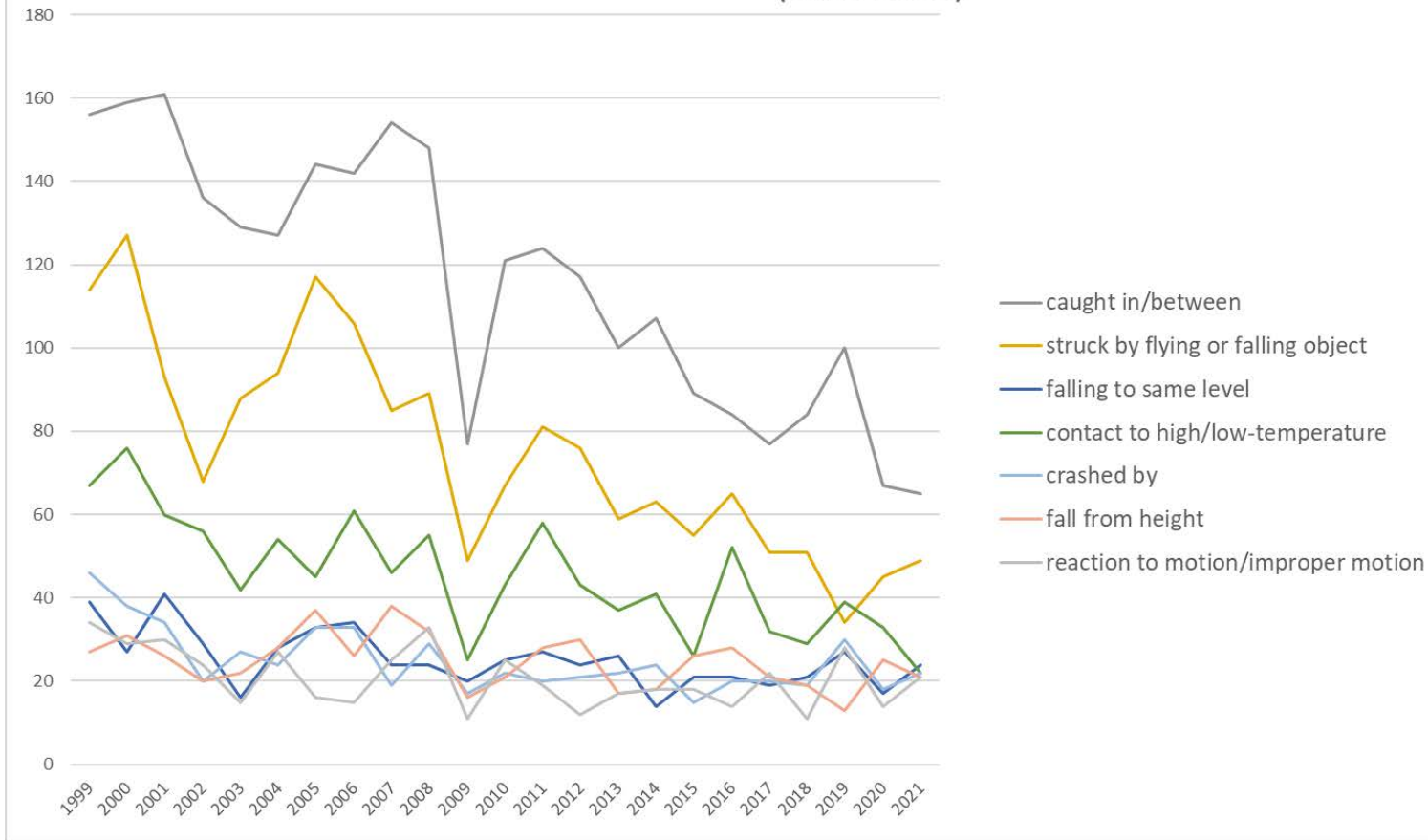
Transition of fatal and non-fatal accidents in middle causal agents in code no. 011002 casting products (1999-2021)

Transition of fatal and non-fatal accidents in top 10 small causal agents
(1999-2021)



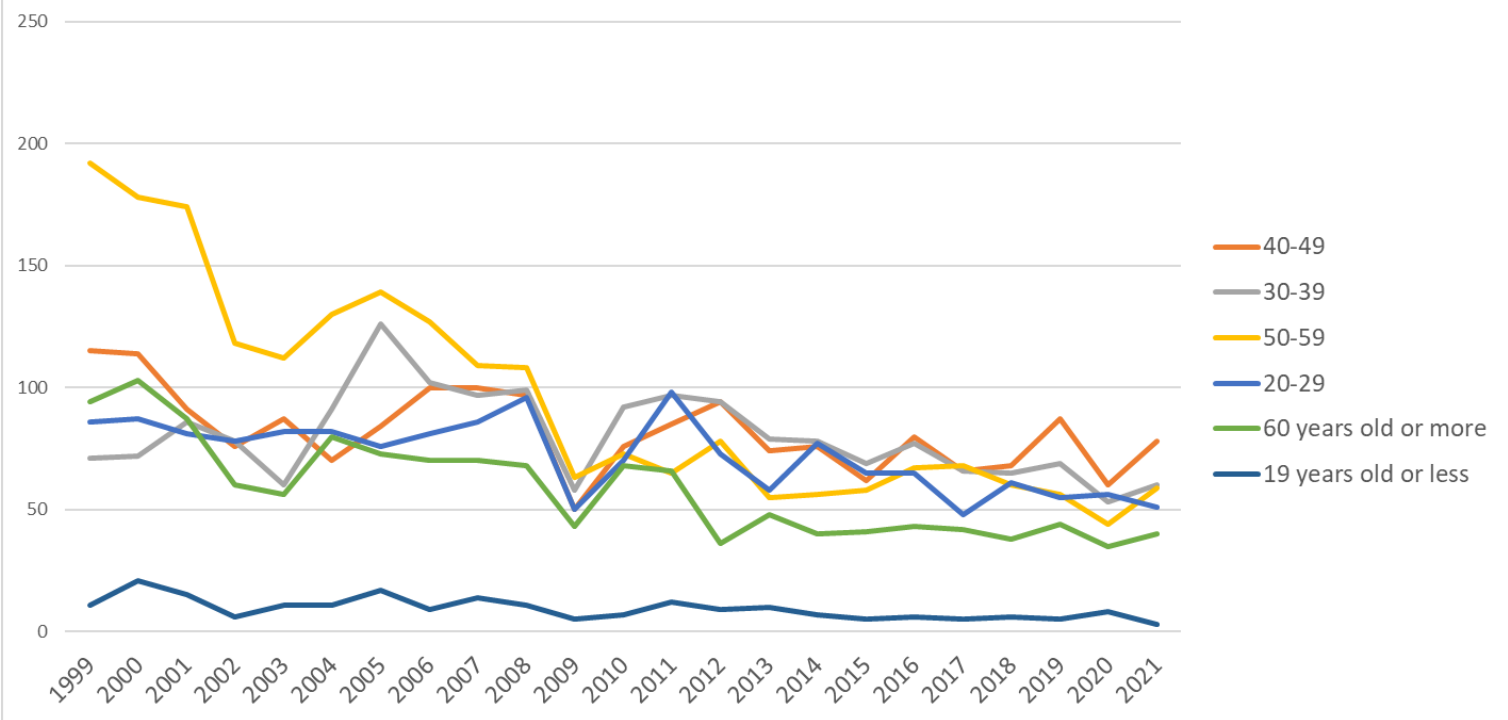
Transition of fatal and non-fatal accidents in small causal agents in code no. 011002 casting products (1999-2021)

Transition of fatal and non-fatal accidents in top 7 type of accidents
(1999-2021)



Transition of fatal and non-fatal accidents in type of accidents in code no. 011002 casting products (1999-2021)

Transition of fatal and non-fatal accidents in workers ages (1999-2021)



Transition of fatal and non-fatal accidents in workers ages in code no. 011002 casting products (1999-2021)

| code | 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 |
|------|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|----------------------|
| 4 | 40-49 | 115 | 114 | 91 | 76 | 87 | 70 | 84 | 100 | 100 | 97 | 50 | 76 | 85 | 94 | 74 | 76 | 62 | 80 | 66 | 68 | 87 | 60 | 78 | 1,890 | 40-49 |
| 3 | 30-39 | 71 | 72 | 86 | 78 | 60 | 91 | 126 | 102 | 97 | 99 | 58 | 92 | 97 | 94 | 79 | 78 | 69 | 77 | 66 | 65 | 69 | 53 | 60 | 1,839 | 30-39 |
| 5 | 50-59 | 192 | 178 | 174 | 118 | 112 | 130 | 139 | 127 | 109 | 108 | 63 | 73 | 65 | 78 | 55 | 56 | 58 | 67 | 68 | 60 | 56 | 44 | 59 | 2,189 | 50-59 |
| 2 | 20-29 | 86 | 87 | 81 | 78 | 82 | 82 | 76 | 81 | 86 | 96 | 50 | 70 | 98 | 73 | 58 | 77 | 65 | 65 | 48 | 61 | 55 | 56 | 51 | 1,662 | 20-29 |
| 6 | 60 years old or more | 94 | 103 | 87 | 60 | 56 | 80 | 73 | 70 | 70 | 68 | 43 | 68 | 66 | 36 | 48 | 40 | 41 | 43 | 42 | 38 | 44 | 35 | 40 | 1,345 | 60 years old or more |
| 1 | 19 years old or less | 11 | 21 | 15 | 6 | 11 | 11 | 17 | 9 | 14 | 11 | 5 | 7 | 12 | 9 | 10 | 7 | 5 | 6 | 5 | 6 | 5 | 8 | 3 | 214 | 19 years old or less |
| | total | 569 | 575 | 534 | 416 | 408 | 464 | 515 | 489 | 476 | 479 | 269 | 386 | 423 | 384 | 324 | 334 | 300 | 338 | 295 | 298 | 316 | 256 | 291 | 9,139 | total |

Transition of fatal and non-fatal accidents in workers scales in code no. 011002 casting products (1999-2021)

| code | 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 |
|------|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|---------------------|
| 3 | 30-49 | 92 | 122 | 116 | 83 | 61 | 82 | 107 | 110 | 86 | 124 | 45 | 89 | 93 | 108 | 65 | 68 | 56 | 73 | 39 | 62 | 56 | 56 | 96 | 1,889 | 30-49 |
| 2 | 10-29 | 207 | 206 | 185 | 136 | 156 | 162 | 179 | 145 | 172 | 156 | 88 | 134 | 142 | 97 | 106 | 93 | 108 | 99 | 103 | 103 | 91 | 73 | 73 | 3,014 | 10-29 |
| 4 | 50-99 | 93 | 81 | 78 | 64 | 61 | 81 | 98 | 85 | 89 | 83 | 55 | 82 | 73 | 71 | 72 | 97 | 64 | 65 | 57 | 53 | 68 | 65 | 57 | 1,692 | 50-99 |
| 5 | 100-299 | 52 | 51 | 50 | 38 | 32 | 38 | 34 | 54 | 59 | 61 | 36 | 37 | 42 | 49 | 44 | 43 | 40 | 57 | 58 | 34 | 49 | 27 | 29 | 1,014 | 100-299 |
| 1 | 9 workers or less | 109 | 104 | 92 | 85 | 87 | 93 | 86 | 80 | 48 | 45 | 34 | 39 | 41 | 37 | 34 | 27 | 23 | 37 | 30 | 29 | 30 | 16 | 22 | 1,228 | 9 workers or less |
| 6 | 300 workers or more | 16 | 11 | 13 | 10 | 11 | 8 | 11 | 15 | 22 | 10 | 11 | 5 | 32 | 22 | 3 | 6 | 9 | 7 | 8 | 17 | 22 | 19 | 14 | 302 | 300 workers or more |
| | total | 569 | 575 | 534 | 416 | 408 | 464 | 515 | 489 | 476 | 479 | 269 | 386 | 423 | 384 | 324 | 334 | 300 | 338 | 295 | 298 | 316 | 256 | 291 | 9,139 | total |

Transition of fatal and non-fatal accidents in months in code no. 011002 casting products (1999-2021)

| code | 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 |
|------|--------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|--------|
| 8 | August | 38 | 57 | 41 | 42 | 35 | 39 | 46 | 41 | 32 | 42 | 27 | 33 | 39 | 24 | 30 | 21 | 22 | 16 | 35 | 21 | 26 | 14 | 31 | 752 | August |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----------|
| 12 | December | 40 | 46 | 35 | 35 | 32 | 32 | 27 | 36 | 34 | 29 | 22 | 32 | 28 | 33 | 36 | 26 | 16 | 20 | 21 | 26 | 17 | 20 | 30 | 673 | December |
| 9 | September | 42 | 45 | 49 | 37 | 33 | 42 | 44 | 48 | 39 | 36 | 25 | 37 | 52 | 39 | 23 | 27 | 31 | 30 | 30 | 17 | 26 | 20 | 29 | 801 | September |
| 7 | July | 61 | 58 | 44 | 41 | 36 | 33 | 46 | 41 | 42 | 44 | 21 | 35 | 23 | 21 | 35 | 30 | 23 | 33 | 25 | 26 | 32 | 15 | 27 | 792 | July |
| 10 | October | 63 | 51 | 51 | 41 | 32 | 50 | 41 | 45 | 43 | 36 | 26 | 31 | 30 | 29 | 23 | 42 | 13 | 37 | 24 | 26 | 20 | 24 | 26 | 804 | October |
| 11 | November | 48 | 45 | 27 | 36 | 33 | 39 | 45 | 41 | 48 | 25 | 19 | 29 | 39 | 33 | 21 | 24 | 30 | 34 | 20 | 20 | 21 | 24 | 25 | 726 | November |
| 4 | April | 51 | 35 | 58 | 30 | 43 | 38 | 42 | 36 | 42 | 38 | 22 | 29 | 33 | 30 | 30 | 15 | 29 | 34 | 28 | 30 | 32 | 31 | 24 | 780 | April |
| 6 | June | 54 | 58 | 39 | 34 | 39 | 42 | 47 | 39 | 37 | 46 | 19 | 49 | 40 | 42 | 33 | 25 | 26 | 14 | 20 | 24 | 36 | 17 | 22 | 802 | June |
| 1 | January | 41 | 48 | 40 | 34 | 28 | 34 | 37 | 41 | 41 | 40 | 28 | 28 | 35 | 27 | 24 | 36 | 26 | 32 | 18 | 32 | 25 | 30 | 22 | 747 | January |
| 5 | May | 31 | 45 | 38 | 23 | 31 | 40 | 40 | 35 | 38 | 46 | 11 | 28 | 37 | 34 | 25 | 27 | 29 | 31 | 22 | 34 | 22 | 16 | 21 | 704 | May |
| 3 | March | 47 | 41 | 53 | 36 | 37 | 47 | 41 | 44 | 35 | 50 | 23 | 32 | 33 | 34 | 19 | 30 | 33 | 31 | 29 | 22 | 31 | 26 | 19 | 793 | March |
| 2 | February | 53 | 46 | 59 | 27 | 29 | 28 | 59 | 42 | 45 | 47 | 26 | 23 | 34 | 38 | 25 | 31 | 22 | 26 | 23 | 20 | 28 | 19 | 15 | 765 | February |
| | total | 569 | 575 | 534 | 416 | 408 | 464 | 515 | 489 | 476 | 479 | 269 | 386 | 423 | 384 | 324 | 334 | 300 | 338 | 295 | 298 | 316 | 256 | 291 | 9,139 | total |

Transition of fatal and non-fatal accidents in prefectures in code no. 011002 casting products (1999-2021)

| code | 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 |
|------|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------------|
| 23 | Aichi | 87 | 77 | 83 | | 61 | | 76 | 64 | 73 | 64 | 40 | 63 | 67 | 61 | 46 | 40 | 38 | 45 | 39 | 43 | 36 | 36 | 57 | 1,196 | Aichi |
| 11 | Saitama | 62 | 85 | 49 | | 40 | | 48 | 36 | 44 | 41 | 21 | 32 | 39 | 22 | 28 | 31 | 27 | 20 | 25 | 25 | 22 | 26 | 25 | 748 | Saitama |
| 24 | Mie | 32 | 36 | 40 | | 32 | | 19 | 23 | 26 | 23 | 16 | 17 | 20 | 23 | 18 | 14 | 13 | 15 | 15 | 16 | 13 | 11 | 18 | 440 | Mie |
| 22 | Shizuoka | 25 | 30 | 27 | | 20 | | 22 | 24 | 25 | 23 | 8 | 15 | 34 | 22 | 19 | 22 | 22 | 18 | 18 | 20 | 15 | 13 | 16 | 438 | Shizuoka |
| 27 | Osaka | 51 | 36 | 34 | | 33 | | 27 | 31 | 26 | 21 | 17 | 10 | 17 | 17 | 12 | 14 | 17 | 24 | 16 | 15 | 20 | 12 | 15 | 465 | Osaka |
| 15 | Niigata | 13 | 20 | 12 | | 6 | | 21 | 27 | 24 | 21 | 7 | 17 | 22 | 8 | 8 | 9 | 18 | 11 | 14 | 14 | 16 | 9 | 14 | 311 | Niigata |
| 40 | Fukuoka | 18 | 24 | 17 | | 12 | | 12 | 11 | 10 | 19 | 9 | 14 | 21 | 16 | 8 | 12 | 11 | 19 | 9 | 7 | 16 | 5 | 13 | 283 | Fukuoka |
| 34 | Hiroshima | 22 | 20 | 16 | | 25 | | 26 | 22 | 18 | 11 | 2 | 11 | 14 | 10 | 9 | 12 | 6 | 13 | 9 | 16 | 17 | 12 | 11 | 302 | Hiroshima |
| 32 | Shimane | 14 | 11 | 19 | | 13 | | 8 | 27 | 16 | 17 | 7 | 15 | 14 | 10 | 9 | 13 | 4 | 10 | 14 | 12 | 6 | 14 | 11 | 264 | Shimane |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-----------|-----|-----|-----|--|-----|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----------|
| 10 | Gunma | 13 | 5 | 8 | | 4 | | 8 | 4 | 4 | 7 | 10 | 8 | 7 | 9 | 13 | 8 | 3 | 5 | 1 | 4 | 8 | 3 | 1 | 133 | Gunma |
| 8 | Ibaraki | 6 | 4 | 12 | | 3 | | 5 | 5 | 9 | 7 | 2 | 11 | 4 | 8 | 5 | 7 | 1 | | 8 | 3 | 1 | 3 | 1 | 105 | Ibaraki |
| 26 | Kyoto | 9 | 4 | 6 | | 4 | | 8 | 3 | 1 | 6 | 1 | 6 | 4 | 1 | 1 | 4 | 3 | | 1 | 2 | | 2 | 1 | 67 | Kyoto |
| 42 | Nagasaki | 4 | 2 | 6 | | 2 | | 5 | 1 | 2 | 1 | 3 | 1 | | 4 | 4 | 6 | 5 | 4 | 2 | 1 | 4 | | 1 | 58 | Nagasaki |
| 41 | Saga | 3 | 2 | 1 | | 2 | | 6 | 3 | 6 | 1 | | | 1 | 2 | 4 | 1 | 2 | | 3 | | 3 | 4 | 1 | 45 | Saga |
| 30 | Wakayama | | 3 | 2 | | | | 3 | 2 | 6 | 3 | 1 | 2 | 1 | 1 | 2 | 2 | 1 | | 1 | 2 | 3 | 5 | 1 | 41 | Wakayama |
| 31 | Tottori | 1 | 2 | | | | | 3 | 2 | 3 | 1 | 1 | 1 | 2 | 1 | 3 | 2 | 2 | 3 | 1 | 2 | 1 | 1 | 1 | 33 | Tottori |
| 2 | Aomori | | 3 | 1 | | 1 | | 4 | 1 | 2 | | 2 | 2 | 2 | 4 | 1 | 1 | 1 | | 2 | | | | 1 | 28 | Aomori |
| 36 | Tokushima | | | | | | | | 1 | 2 | | | | 1 | 1 | | 3 | 1 | 1 | | | | | 1 | 11 | Tokushima |
| 35 | Yamaguchi | 7 | 6 | 2 | | 4 | | 6 | 2 | 2 | 4 | 2 | 2 | | 1 | 2 | | 2 | 6 | | 1 | 4 | 5 | | 58 | Yamaguchi |
| 19 | Yamanashi | 3 | 1 | 1 | | 1 | | 1 | 2 | 3 | 8 | 1 | 2 | 6 | | 4 | 2 | 1 | 4 | | 2 | 4 | 2 | | 48 | Yamanashi |
| 18 | Fukui | 3 | 3 | 4 | | 4 | | 2 | 1 | 2 | | 1 | 2 | 2 | 1 | | 1 | 5 | 3 | 2 | | 2 | | | 38 | Fukui |
| 44 | Oita | 5 | 1 | | | 2 | | 4 | 1 | 1 | 3 | 6 | | 1 | 3 | | 1 | | 1 | | | 1 | | | 30 | Oita |
| 45 | Miyazaki | 3 | | | | | | | | | | | | | | | | | | | 1 | | | | 4 | Miyazaki |
| 46 | Kagoshima | 1 | 3 | | | | | | | | | | | | | | | | | | | | | | 4 | Kagoshima |
| | total | 569 | 575 | 534 | | 408 | | 515 | 489 | 476 | 479 | 269 | 386 | 423 | 384 | 324 | 334 | 300 | 338 | 295 | 298 | 316 | 256 | 291 | 8,259 | total |

Data source : <https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.htm>

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