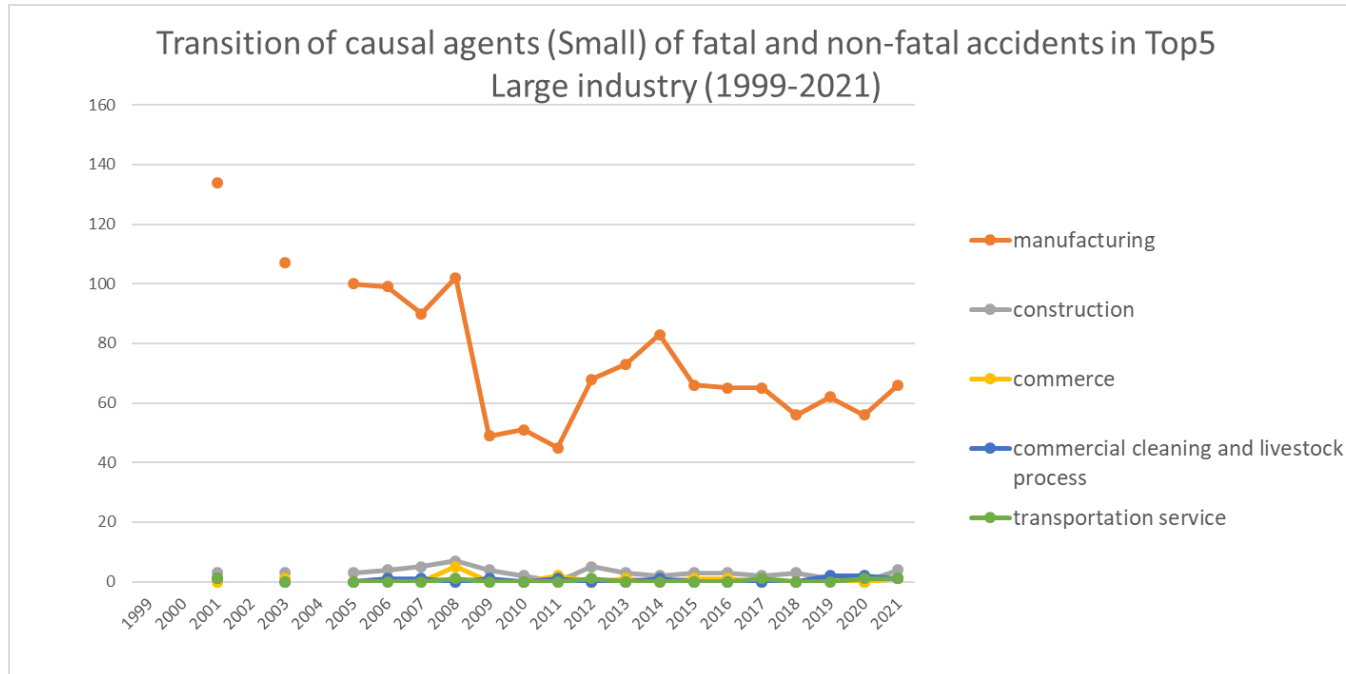
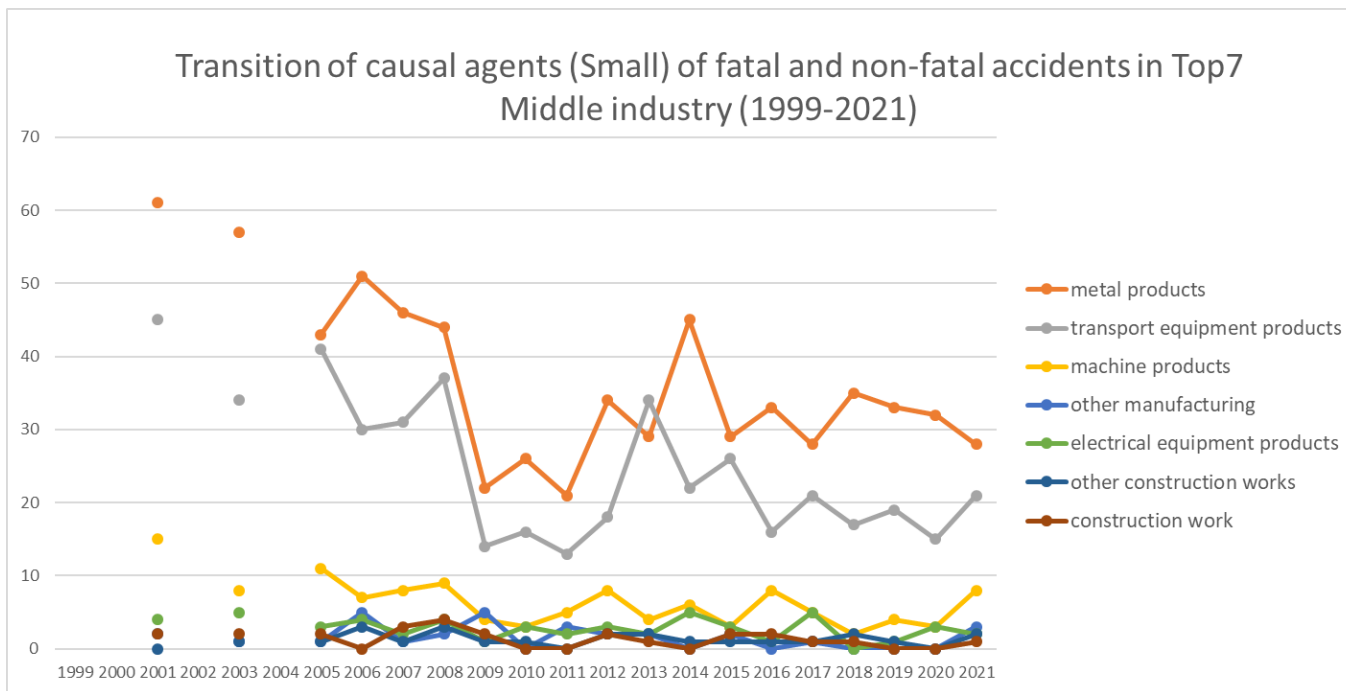


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 339 other welding equipment (1999-2021)

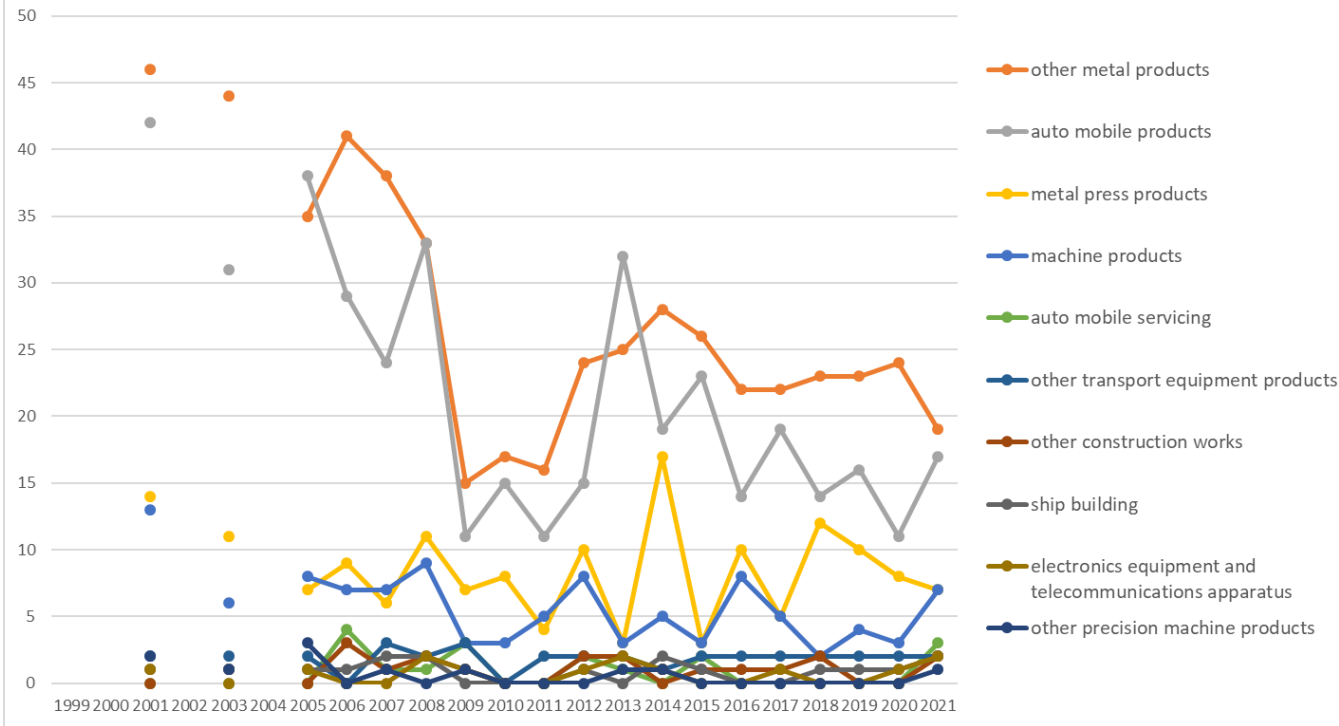


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 339 other welding equipment in Large industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 339 other welding equipment in Middle Industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents in Top10 Small industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 339 other welding equipment in Small Industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 339 other welding equipment in Large industry (1999-2021)

| code | Large industry | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | total | Large industry |
|------|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|---|
| 01 | manufacturing | | | 134 | | 107 | | 100 | 99 | 90 | 102 | 49 | 51 | 45 | 68 | 73 | 83 | 66 | 65 | 65 | 56 | 62 | 56 | 66 | 1,437 | manufacturing |
| 03 | construction | | | 3 | | 3 | | 3 | 4 | 5 | 7 | 4 | 2 | | 5 | 3 | 2 | 3 | 3 | 2 | 3 | 1 | | 4 | 57 | construction |
| 08 | commerce | | | | | 1 | | | 1 | | 5 | | | 2 | | 1 | | 1 | 1 | | | 1 | | 1 | 14 | commerce |
| 15 | commercial cleaning and livestock process | | | 1 | | | | | 1 | 1 | | 1 | | 1 | | | 1 | | | | | 2 | 2 | 1 | 11 | commercial cleaning and livestock process |
| 04 | transportation service | | | 1 | | | | | | | 1 | | | | 1 | | | | | 1 | | | 1 | 1 | 6 | transportation service |
| 14 | hotel/restaurant/amusement service | | | 1 | | | | | | | | | | | | | | | | | | 1 | | 1 | 3 | hotel/restaurant/amusement service |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|----------------------------------|--|--|-----|--|-----|--|-----|-----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|----------------------------------|
| 1201 | education/research service | | | | | | | | | | | | | | | | | | | | | | | | | service |
| 1301 | medical treatment service | | | | | | | | | | | | | | | | | | | | | | | | | medical treatment service |
| 1302 | social welfare facility | | | | | | | | | | | | | | | | | | | | | | | | | social welfare facility |
| 1303 | other health and hygiene service | | | | | | | | | | | | | | | | | | | | | | | | | other health and hygiene service |
| 1403 | other amusement service | | | | | | | | | | | | | | | | | | | | | | | | | other amusement service |
| 1601 | public office | | | | | | | | | | | | | | | | | | | | | | | | | public office |
| | total | | | 140 | | 112 | | 106 | 107 | 97 | 115 | 54 | 55 | 48 | 76 | 77 | 86 | 70 | 70 | 68 | 59 | 67 | 59 | 74 | 1,540 | total |

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 339 other welding equipment in Small industry (1999-2021)

| code | Small industry | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | total | Small industry |
|--------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|--|
| 011209 | other metal products | | | 46 | | 44 | | 35 | 41 | 38 | 33 | 15 | 17 | 16 | 24 | 25 | 28 | 26 | 22 | 22 | 23 | 23 | 24 | 19 | 521 | other metal products |
| 011502 | auto mobile products | | | 42 | | 31 | | 38 | 29 | 24 | 33 | 11 | 15 | 11 | 15 | 32 | 19 | 23 | 14 | 19 | 14 | 16 | 11 | 17 | 414 | auto mobile products |
| 011203 | metal press products | | | 14 | | 11 | | 7 | 9 | 6 | 11 | 7 | 8 | 4 | 10 | 3 | 17 | 3 | 10 | 5 | 12 | 10 | 8 | 7 | 162 | metal press products |
| 011301 | machine products | | | 13 | | 6 | | 8 | 7 | 7 | 9 | 3 | 3 | 5 | 8 | 3 | 5 | 3 | 8 | 5 | 2 | 4 | 3 | 7 | 109 | machine products |
| 011701 | auto mobile servicing | | | | | | | | 4 | 1 | 1 | 3 | | | 2 | 1 | | 2 | | | | | | 3 | 17 | auto mobile servicing |
| 011509 | other transport equipment products | | | 2 | | 2 | | 2 | | 3 | 2 | 3 | | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 35 | other transport equipment products |
| 030309 | other construction works | | | | | 1 | | | 3 | 1 | 2 | 1 | | | 2 | 2 | | 1 | 1 | 1 | 2 | | | 2 | 19 | other construction works |
| 011501 | ship building | | | 1 | | 1 | | 1 | 1 | 2 | 2 | | | | 1 | | 2 | 1 | | | 1 | 1 | 1 | 2 | 17 | ship building |
| 011403 | electronics equipment and telecommunications apparatus | | | 1 | | | | 1 | | | 2 | 1 | | | 1 | 2 | 1 | | | 1 | | | 1 | 2 | 13 | electronics equipment and telecommunications apparatus |
| 011305 | other precision machine | | | 2 | | 1 | | 3 | | 1 | | 1 | | | | 1 | 1 | | | | | | | 1 | 11 | other precision machine |

| | products | | | | | | | | | | | | | | | | | | | | | | | products | |
|--------|---|--|--|---|--|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|---|
| 030201 | steel frame/reinforced concrete house construction work | | | 2 | | | | | 2 | 1 | 1 | | | 1 | 1 | | | 1 | 1 | | | | 1 | 11 | steel frame/reinforced concrete house construction work |
| 010502 | metal furniture | | | 1 | | | | | 1 | | 1 | | | | | 1 | 3 | 1 | | | | 1 | 9 | metal furniture | |
| 010901 | cement products | | | 2 | | 1 | | | | 1 | | | | | | 1 | | | 1 | 1 | 1 | 1 | 9 | cement products | |
| 011201 | western tableware/cutting tool products | | | 1 | | 1 | | | 1 | | | | | 1 | | | | | | | | 1 | 8 | western tableware/cutting tool products | |
| 150102 | industrial waste management service | | | 1 | | | | | 1 | | | | | | 1 | | | | | 2 | 2 | 1 | 8 | industrial waste management service | |
| 011009 | other steel products | | | 1 | | | | | 1 | 1 | | | | | 2 | | | | | | | 1 | 6 | other steel products | |
| 040301 | general truck transportation service | | | | | | | | | 1 | | | | 1 | | | | | | | 1 | 1 | 4 | general truck transportation service | |
| 080109 | other wholesale | | | | | | | | | 1 | | | 2 | | | | | | | | | 1 | 4 | other wholesale | |
| 011204 | metal plating products | | | | | | | 1 | | | | | | | | | | | | | | 1 | 2 | metal plating products | |
| 140201 | general restaurant | | | | | | | | | | | | | | | | | | | 1 | | 1 | 2 | general restaurant | |
| 010409 | other lumber and wood products | | | | | | | | | | | | | | | | | | | | | 1 | 1 | other lumber and wood products | |
| 030106 | road construction work | | | | | | | | | | | | | | | | | | | | | 1 | 1 | road construction work | |
| 011409 | other electrical equipment | | | 1 | | 5 | | 2 | 2 | 2 | 1 | | 2 | 2 | 2 | | 1 | 1 | 1 | 1 | | 1 | 2 | 26 | other electrical equipment |
| 011709 | other manufacturing | | | 1 | | 1 | | 1 | 1 | | 1 | 2 | | 2 | | 1 | | | | | | | 11 | other manufacturing | |
| 030209 | other building construction work | | | | | 1 | | 2 | | 1 | | 1 | | | 1 | | 2 | 1 | | 1 | | | 10 | other building construction work | |
| 011402 | electrical appliance | | | 1 | | | | 1 | | 1 | | | | 1 | 2 | | 2 | | | | | | 8 | electrical appliance | |
| 011001 | steel/iron/rolling products | | | 1 | | | | 1 | | 2 | | | | 1 | | | | | 1 | 1 | | | 7 | steel/iron/rolling products | |
| 010805 | plastics products | | | | | | | | | | | 2 | | | | | 1 | 1 | | | 2 | | 6 | plastics products | |
| 011401 | heavy electrical equipment | | | 1 | | | | 1 | | | | 1 | | | 2 | | 1 | | | | | | 6 | heavy electrical equipment | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------|--------------------------------------|--|--|---|---|--|---|---|---|---|---|---|---|---|---|---|---|--|---|---|---|---|------------------------------|--------------------------------------|
| 030199 | other civil engineering work | | | 1 | | | | 1 | 1 | | 1 | | | 1 | 1 | | | | | | | 6 | other civil engineering work | |
| 170209 | others | | | | 1 | | 2 | 1 | | | 2 | | | | | | | | | | | | 6 | others |
| 010909 | other sand and stone products | | | | 1 | | | | | | 1 | | | | 1 | 1 | 1 | | | | | | 5 | other sand and stone products |
| 011002 | casting products | | | | | | | 1 | | 1 | | | | 1 | | | | | | 2 | | | 5 | casting products |
| 030302 | machinery/apparatus setting work | | | | | | 1 | | | 1 | | | | 1 | | | | | | 1 | | | 5 | machinery/apparatus setting work |
| 011202 | screw products | | | | 1 | | | | 1 | | | | 1 | | | | 1 | | | | | | 4 | screw products |
| 011503 | railway vehicle products | | | | | | | | 2 | | | 1 | | | | | | | | | 1 | | 4 | railway vehicle products |
| 030203 | building facility construction work | | | | 1 | | | | | | 3 | | | | | | | | | | | | 4 | building facility construction work |
| 080209 | other retails | | | | 1 | | | | | 2 | | | | | 1 | | | | | | | | 4 | other retails |
| 170101 | dispatch service | | | | | | | | 1 | | | | | 2 | | | 1 | | | | | | 4 | dispatch service |
| 011109 | other nonferrous metal products | | | 1 | | | | | | | | | | | 1 | | | | | | 1 | | 3 | other nonferrous metal products |
| 010209 | other textile products | | | | | | | | | 1 | | | | | | | 1 | | | | | | 2 | other textile products |
| 010309 | other fiber products | | | | | | | | | | | | 1 | | | | | | 1 | | | | 2 | other fiber products |
| 011702 | machine repair | | | 1 | | | | | | | | | 1 | | | | | | | | | | 2 | machine repair |
| 080202 | auto mobile retail | | | | | | | | | | | | | | | 1 | | | | 1 | | | 2 | auto mobile retail |
| 080204 | fuel retail | | | | | | | | | 2 | | | | | | | | | | | | | 2 | fuel retail |
| 150101 | building maintenance service | | | | | | | | 1 | | 1 | | | | | | | | | | | | 2 | building maintenance service |
| 010101 | meat/dairy products | | | | | | | | | | | 1 | | | | | | | | | | | 1 | meat/dairy products |
| 010109 | other foods | | | | | | | | | | 1 | | | | | | | | | | | | 1 | other foods |
| 010501 | wood furniture | | | | | | | | 1 | | | | | | | | | | | | | | 1 | wood furniture |
| 010509 | other furniture | | | | | | | | | | | | | | | | | | 1 | | | | 1 | other furniture |
| 010609 | other pulp/paper processing products | | | | | | | | | | | | | | 1 | | | | | | | | 1 | other pulp/paper processing products |

