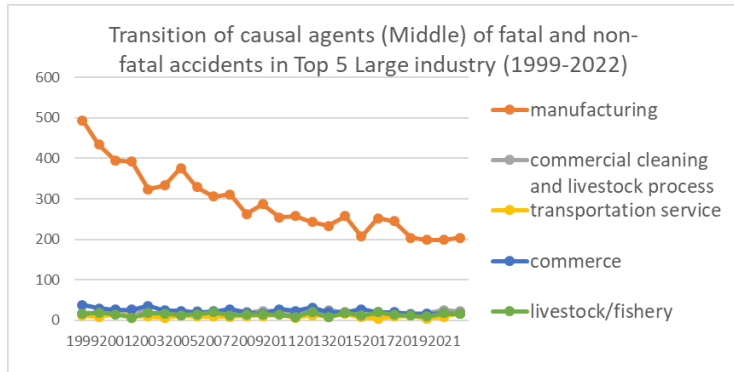
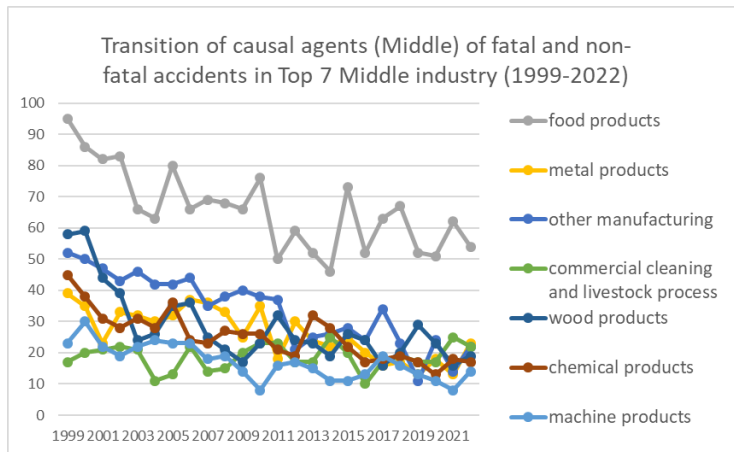


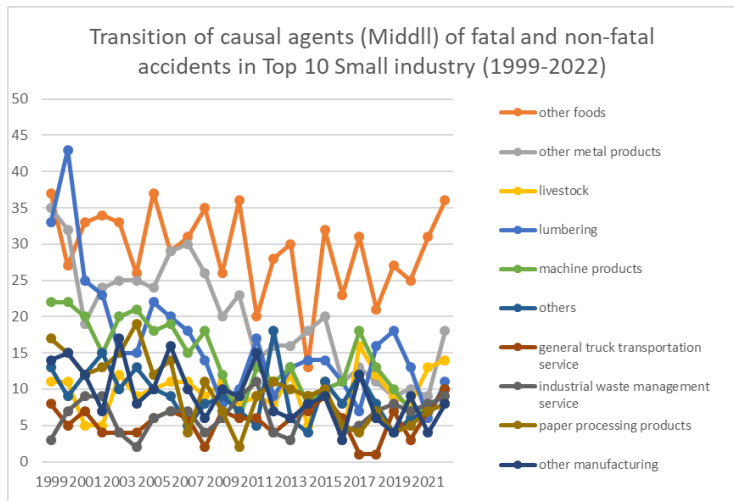
Transition of causal agents (Middle) of fatal and non-fatal accidents as code no. 12 power transmission mechanism (1999-2022)



Transition of causal agents (Middle) of fatal and non-fatal accidents as code no. 12 power transmission mechanism in Large industry (1999-2022)



Transition of causal agents (Middle) of fatal and non-fatal accidents as code no. 12 power transmission mechanism in Middle Industry (1999-2022)



Transition of causal agents (Middle) of fatal and non-fatal accidents as code no. 12 power transmission mechanism in Middle Industry (1999-2022)

Transition of causal agents (Middle) of fatal and non-fatal accidents as code no. 12 power transmission mechanism in Large industry (1999-2022)

| 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 | 2022 | total | Large industry |
|------|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|---|
| 01 | manufacturing | 494 | 434 | 395 | 392 | 324 | 333 | 376 | 329 | 306 | 311 | 263 | 287 | 254 | 257 | 243 | 233 | 257 | 207 | 252 | 245 | 204 | 199 | 199 | 204 | 6,998 | manufacturing |
| 15 | commercial cleaning and livestock process | 17 | 20 | 21 | 22 | 21 | 11 | 13 | 22 | 14 | 15 | 20 | 23 | 23 | 17 | 17 | 25 | 20 | 10 | 17 | 19 | 17 | 17 | 25 | 22 | 448 | commercial cleaning and livestock process |
| 04 | transportation service | 12 | 9 | 16 | 12 | 10 | 6 | 12 | 10 | 10 | 9 | 11 | 11 | 14 | 6 | 13 | 9 | 16 | 8 | 4 | 10 | 12 | 4 | 9 | 17 | 250 | transportation service |
| 08 | commerce | 38 | 30 | 26 | 26 | 36 | 24 | 23 | 20 | 22 | 27 | 19 | 16 | 27 | 23 | 32 | 20 | 19 | 27 | 20 | 20 | 15 | 16 | 18 | 16 | 560 | commerce |
| 07 | livestock/fishery | 16 | 19 | 15 | 7 | 18 | 17 | 13 | 15 | 20 | 13 | 14 | 15 | 14 | 9 | 21 | 8 | 19 | 12 | 20 | 14 | 12 | 10 | 18 | 16 | 355 | livestock/fishery |
| 03 | construction | 29 | 27 | 38 | 20 | 28 | 29 | 28 | 20 | 28 | 26 | 16 | 15 | 15 | 18 | 15 | 12 | 17 | 14 | 16 | 15 | 14 | 9 | 17 | 14 | 480 | construction |
| 17 | others | 14 | 11 | 14 | 15 | 10 | 15 | 10 | 10 | 5 | 9 | 9 | 8 | 6 | 18 | 6 | 4 | 11 | 8 | 13 | 8 | 4 | 6 | 7 | 10 | 231 | others |
| 14 | hotel/restaurant/amusement service | 14 | 13 | 10 | 25 | 13 | 7 | 14 | 14 | 17 | 21 | 13 | 14 | 8 | 14 | 8 | 11 | 13 | 13 | 8 | 5 | 9 | 8 | 6 | 9 | 287 | hotel/restaurant/amusement service |
| 06 | agriculture | 6 | 5 | 6 | 4 | 2 | 7 | 6 | 3 | 5 | 5 | 7 | 4 | 5 | 7 | 4 | 10 | 5 | 9 | 2 | 4 | 5 | 12 | 7 | 6 | 136 | agriculture |
| 05 | cargo handling service | 2 | 5 | | | 4 | 4 | 4 | 1 | 2 | | 3 | 4 | 4 | 1 | 1 | | 4 | 1 | 3 | 4 | 3 | 1 | 4 | 6 | 61 | cargo handling service |
| 02 | mining | 11 | 9 | 10 | 7 | 6 | 5 | 8 | 6 | 7 | 6 | 1 | 1 | 5 | 3 | 6 | 5 | 7 | 7 | 4 | 4 | 3 | 6 | 3 | 4 | 134 | mining |
| 13 | health and hygiene service | | 4 | | 2 | 1 | 1 | 1 | 3 | | 1 | 1 | 1 | 1 | | | 1 | 3 | 1 | 2 | 1 | 2 | 3 | | | 29 | health and hygiene service |
| 12 | education/research service | 2 | 1 | 1 | | | 1 | | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 1 | | | 1 | 1 | 2 | | 1 | | | 21 | education/research service |
| 11 | telecommunication service | | | | | | | 1 | | 3 | | | | | | | | | 1 | 1 | | 1 | 1 | | | 8 | telecommunication service |
| 09 | financial business/advertisement | | | | | | | 1 | | | | 1 | | | | | | | | | | | | | | 2 | financial business/advertisement |
| 10 | movie/play service | | 1 | | | | | | | | | | | | | | | 1 | | | | | | | | 2 | movie/play service |
| 16 | public office | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | 2 | public office |
| | total | 655 | 588 | 552 | 532 | 473 | 460 | 511 | 456 | 440 | 445 | 379 | 401 | 377 | 374 | 367 | 338 | 392 | 319 | 363 | 351 | 301 | 293 | 313 | 324 | 10,004 | total |

Transition of causal agents (Middle) of fatal and non-fatal accidents as code no. 12 power transmission mechanism in Middle industry (1999-2022)

| code | Middle industry | 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 | Middle industry |
|------|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|---|
| 0101 | food products | 95 | 86 | 82 | 83 | 66 | 63 | 80 | 66 | 69 | 68 | 66 | 76 | 50 | 59 | 52 | 46 | 73 | 52 | 63 | 67 | 52 | 51 | 62 | 54 | 1,581 | food products |
| 0112 | metal products | 39 | 35 | 23 | 33 | 32 | 30 | 32 | 37 | 36 | 33 | 25 | 35 | 18 | 30 | 24 | 22 | 25 | 20 | 16 | 17 | 13 | 18 | 13 | 23 | 629 | metal products |
| 0117 | other manufacturing | 52 | 50 | 47 | 43 | 46 | 42 | 42 | 44 | 35 | 38 | 40 | 38 | 37 | 21 | 25 | 26 | 28 | 24 | 34 | 23 | 11 | 24 | 14 | 22 | 806 | other manufacturing |
| 1501 | commercial cleaning and livestock process | 17 | 20 | 21 | 22 | 21 | 11 | 13 | 22 | 14 | 15 | 20 | 23 | 23 | 17 | 17 | 25 | 20 | 10 | 17 | 19 | 17 | 17 | 25 | 22 | 448 | commercial cleaning and livestock process |
| 0104 | wood products | 58 | 59 | 44 | 39 | 24 | 26 | 35 | 36 | 25 | 21 | 17 | 23 | 32 | 24 | 23 | 19 | 26 | 24 | 16 | 20 | 29 | 23 | 16 | 19 | 678 | wood products |
| 0108 | chemical products | 45 | 38 | 31 | 28 | 31 | 28 | 36 | 24 | 23 | 27 | 26 | 26 | 21 | 19 | 32 | 28 | 22 | 17 | 18 | 19 | 17 | 13 | 18 | 17 | 604 | chemical products |
| 0113 | machine products | 23 | 30 | 22 | 19 | 22 | 24 | 23 | 23 | 18 | 19 | 14 | 8 | 16 | 17 | 15 | 11 | 11 | 13 | 19 | 16 | 13 | 11 | 8 | 14 | 409 | machine products |
| 0701 | livestock | 11 | 11 | 5 | 5 | 12 | 9 | 10 | 11 | 11 | 9 | 11 | 8 | 9 | 8 | 12 | 5 | 11 | 3 | 16 | 12 | 9 | 8 | 13 | 14 | 233 | livestock |
| 0109 | sand and stone products | 39 | 29 | 44 | 33 | 20 | 22 | 19 | 20 | 23 | 18 | 16 | 17 | 13 | 17 | 19 | 21 | 18 | 13 | 16 | 18 | 18 | 11 | 14 | 13 | 491 | sand and stone products |
| 0106 | pulp/paper processing products | 26 | 23 | 22 | 27 | 22 | 27 | 26 | 21 | 14 | 18 | 12 | 4 | 21 | 17 | 13 | 13 | 16 | 9 | 11 | 15 | 12 | 12 | 15 | 12 | 408 | pulp/paper processing products |
| 0403 | road cargo transportation service | 9 | 6 | 9 | 8 | 4 | 4 | 6 | 8 | 7 | 4 | 8 | 7 | 8 | 5 | 7 | 7 | 10 | 7 | 1 | 3 | 7 | 3 | 7 | 12 | 157 | road cargo transportation service |
| 0802 | retail | 25 | 22 | 18 | 15 | 21 | 17 | 11 | 13 | 12 | 15 | 13 | 9 | 17 | 18 | 17 | 9 | 8 | 20 | 9 | 9 | 10 | 7 | 10 | 10 | 335 | retail |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|----|----|---|----|----|----|-----|----------------------------------|---|
| 1702 | others | 14 | 10 | 14 | 15 | 10 | 13 | 10 | 9 | 5 | 8 | 9 | 8 | 6 | 18 | 6 | 4 | 11 | 8 | 12 | 8 | 4 | 6 | 7 | 10 | 225 | others | |
| 0303 | other construction works | 10 | 9 | 11 | 8 | 2 | 12 | 13 | 11 | 12 | 9 | 8 | 6 | 7 | 8 | 4 | 7 | 4 | 5 | 11 | 6 | 8 | 2 | 8 | 8 | 189 | other construction works | |
| 0115 | transport equipment products | 16 | 20 | 11 | 22 | 18 | 17 | 26 | 17 | 15 | 18 | 9 | 18 | 11 | 9 | 5 | 12 | 9 | 9 | 12 | 8 | 9 | 11 | 8 | 7 | 317 | transport equipment products | |
| 0801 | wholesale | 7 | 6 | 7 | 8 | 7 | 6 | 9 | 4 | 8 | 9 | 4 | 6 | 9 | 4 | 11 | 7 | 5 | 6 | 9 | 9 | 4 | 5 | 7 | 6 | 163 | wholesale | |
| 0601 | agriculture | 4 | 4 | 5 | 4 | 1 | 7 | 6 | 3 | 4 | 4 | 6 | 4 | 4 | 7 | 3 | 10 | 5 | 5 | 2 | 4 | 5 | 11 | 7 | 6 | 121 | agriculture | |
| 0102 | textile products | 28 | 16 | 29 | 15 | 15 | 10 | 10 | 12 | 11 | 6 | 8 | 9 | 7 | 6 | 6 | 9 | 9 | 3 | 15 | 12 | 5 | 8 | 10 | 5 | 264 | textile products | |
| 1403 | other amusement service | 12 | 11 | 9 | 22 | 12 | 6 | 9 | 12 | 15 | 20 | 10 | 13 | 7 | 12 | 6 | 9 | 11 | 9 | 8 | 5 | 7 | 8 | 5 | 5 | 243 | other amusement service | |
| 0114 | electrical equipment products | 21 | 7 | 9 | 4 | 10 | 13 | 14 | 9 | 11 | 10 | 12 | 5 | 6 | 10 | 7 | 4 | 1 | 8 | 10 | 5 | 6 | 5 | 5 | 5 | 197 | electrical equipment products | |
| 0107 | printing/bookbinding | 18 | 11 | 8 | 12 | 5 | 7 | 8 | 3 | 4 | 10 | 7 | 7 | 2 | 7 | 5 | 2 | 3 | 2 | 4 | 4 | 5 | 4 | 3 | 5 | 146 | printing/bookbinding | |
| 0110 | steel making | 11 | 4 | 4 | 18 | 6 | 7 | 13 | 8 | 12 | 12 | 4 | 12 | 9 | 10 | 9 | 8 | 10 | 5 | 10 | 8 | 6 | 4 | 7 | 4 | 201 | steel making | |
| 0202 | quarrying | 9 | 8 | 9 | 7 | 6 | 5 | 8 | 6 | 7 | 6 | 1 | 1 | 3 | 3 | 4 | 4 | 7 | 7 | 3 | 4 | 3 | 6 | 3 | 4 | 124 | quarrying | |
| 0402 | road passenger transport service | 2 | 2 | 5 | 2 | 4 | 1 | 4 | 1 | 3 | 3 | 3 | 3 | 2 | | 5 | 1 | 6 | 1 | 1 | 5 | 3 | 1 | 2 | 4 | 64 | road passenger transport service | |
| 0501 | land cargo handling service | 2 | 1 | | | 3 | 1 | 2 | 1 | 2 | | 3 | 4 | 2 | | 1 | | 4 | 1 | 2 | 2 | 2 | 1 | 4 | 4 | 42 | land cargo handling service | |
| 1402 | restaurant | 2 | 2 | | 3 | 1 | 1 | 3 | 1 | | 1 | 3 | 1 | | 2 | 1 | 2 | 1 | 4 | | | 1 | | 1 | 4 | 34 | restaurant | |
| 0301 | civil engineering work | 10 | 12 | 16 | 7 | 10 | 12 | 9 | 5 | 6 | 10 | 4 | 6 | 4 | 3 | 7 | 2 | 6 | 3 | 2 | 5 | 1 | 3 | 1 | 3 | 147 | civil engineering work | |
| 0302 | construction work | 9 | 6 | 11 | 5 | 16 | 5 | 6 | 4 | 10 | 7 | 4 | 3 | 4 | 7 | 4 | 3 | 7 | 6 | 3 | 4 | 5 | 4 | 8 | 3 | 144 | construction work | |
| 0111 | nonferrous metal making | 9 | 14 | 8 | 5 | 4 | 7 | 4 | 4 | 5 | 8 | 4 | 3 | 3 | 4 | 3 | 4 | 1 | 4 | 4 | 7 | 7 | 3 | 1 | 3 | 119 | nonferrous metal making | |
| 0702 | fishery | 5 | 8 | 10 | 2 | 6 | 8 | 3 | 4 | 9 | 4 | 3 | 7 | 5 | 1 | 9 | 3 | 8 | 9 | 4 | 2 | 3 | 2 | 5 | 2 | 122 | fishery | |
| 0502 | harbor transportation service | | 4 | | | 1 | 3 | 2 | | | | | | 2 | 1 | | | | | 1 | 2 | 1 | | | 2 | 19 | harbor transportation service | |
| 0103 | fiber products | 8 | 5 | 6 | 4 | 1 | 6 | 5 | 3 | 3 | 3 | 3 | 1 | 3 | 4 | 5 | 2 | 4 | 1 | 1 | 4 | 3 | | | 2 | 1 | 75 | fiber products |
| 0401 | railroad/water transportation/airline service | 1 | | 1 | 2 | | | 1 | 1 | | | 1 | | 1 | 4 | 1 | 1 | 1 | | | 2 | 2 | 2 | | | 1 | 22 | railroad/water transportation/airline service |
| 0804 | other commerce | 6 | 2 | 1 | 3 | 8 | 1 | 3 | 3 | 2 | 3 | 2 | 1 | 1 | 1 | 4 | 4 | 6 | 1 | 2 | 2 | 1 | 4 | 1 | | 62 | other commerce | |
| 0105 | furniture | 6 | 7 | 3 | 6 | 2 | 3 | 3 | 1 | 2 | 1 | 1 | 3 | 1 | 2 | 2 | 1 | 2 | 1 | | 3 | 1 | 1 | 2 | | 54 | furniture | |
| 1201 | education/research service | 2 | 1 | 1 | | | 1 | | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 1 | | | 1 | 1 | 2 | | 1 | | | 21 | education/research service | |
| 0116 | electric/gas/water service | | | 2 | 1 | | 1 | | 1 | | 1 | 1 | | 3 | | 1 | 3 | 2 | 2 | | | | | 1 | | 19 | electric/gas/water service | |
| 0602 | forestry | 2 | 1 | 1 | | 1 | | | | 1 | 1 | 1 | | 1 | | 1 | | | 4 | | | | 1 | | | 15 | forestry | |
| 1302 | social welfare facility | | 1 | | | | 1 | 1 | 2 | | | 1 | | | | | 1 | | 1 | 2 | 1 | 2 | 2 | | | 15 | social welfare facility | |
| 1301 | medical treatment service | | 3 | | 2 | 1 | | | | | 1 | | | 1 | | | | 1 | | | | | 1 | | | 10 | medical treatment service | |
| 1401 | hotel | | | 1 | | | | 2 | 1 | 2 | | | | 1 | | 1 | | 1 | | | | | 1 | | | 10 | hotel | |
| 1101 | telecommunication service | | | | | | | 1 | | 3 | | | | | | | | | 1 | 1 | | 1 | 1 | | | 8 | telecommunication service | |
| 0404 | other transportation service | | 1 | 1 | | 2 | 1 | 1 | | | | 1 | | | | | | | | | | | | | | 7 | other transportation | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------|--|----|----|----|----|----|----|----|----|----|----|---|----|----|----|---|----|---|----|---|----|---|---|---|----|------------------------------------|--|
| 011502 | auto mobile products | 11 | 11 | 9 | 13 | 14 | 12 | 20 | 12 | 6 | 15 | 4 | 11 | 6 | 4 | 5 | 10 | 6 | 5 | 7 | 7 | 5 | 7 | 5 | 4 | 209 | auto mobile products |
| 010409 | other lumber and wood products | 18 | 10 | 14 | 13 | 5 | 6 | 6 | 8 | 3 | 5 | 5 | 7 | 12 | 10 | 4 | 3 | 7 | 7 | 6 | 3 | 8 | 8 | 4 | 4 | 176 | other lumber and wood products |
| 010402 | plywood | 7 | 6 | 5 | 3 | 4 | 5 | 7 | 8 | 4 | 2 | 4 | 6 | 3 | 5 | 6 | 2 | 5 | 6 | 3 | 1 | 3 | 2 | 6 | 4 | 107 | plywood |
| 011702 | machine repair | 9 | 5 | 6 | 7 | 4 | 6 | 11 | 6 | 3 | 3 | 5 | 6 | 2 | 2 | 4 | 2 | 4 | 3 | 5 | 2 | 1 | 4 | 2 | 4 | 106 | machine repair |
| 040202 | bus service | 1 | 2 | 4 | 2 | 4 | | 3 | | 2 | 3 | 2 | 2 | 1 | | 5 | | 5 | 1 | 1 | 5 | 3 | 1 | 2 | 4 | 53 | bus service |
| 011305 | other precision machine products | 1 | 6 | | 4 | 2 | 2 | 2 | 3 | 1 | 1 | 1 | 2 | 2 | 3 | 1 | 3 | 1 | 1 | 1 | 3 | 3 | 3 | 1 | 4 | 51 | other precision machine products |
| 050101 | land cargo handling service | 2 | 1 | | | 3 | 1 | 2 | 1 | 2 | | 3 | 4 | 2 | | 1 | | 4 | 1 | 2 | 2 | 2 | 1 | 4 | 4 | 42 | land cargo handling service |
| 140309 | other amusement service | 9 | 4 | 7 | 16 | 8 | 4 | 8 | 9 | 11 | 17 | 8 | 8 | 3 | 10 | 5 | 6 | 8 | 8 | 6 | 3 | 7 | 7 | 4 | 3 | 179 | other amusement service |
| 011703 | cleaning | 8 | 11 | 6 | 7 | 4 | 7 | 1 | 1 | 6 | 2 | 4 | 7 | 5 | | 5 | 5 | 6 | 10 | 4 | 5 | 5 | 5 | 5 | 3 | 122 | cleaning |
| 080202 | auto mobile retail | 8 | 5 | 5 | 7 | 8 | 7 | 2 | 2 | 6 | 6 | 8 | | 4 | 6 | 8 | 4 | 2 | 6 | 4 | 6 | 3 | 2 | 5 | 3 | 117 | auto mobile retail |
| 010601 | pulp/paper | 7 | 3 | 5 | 7 | 7 | 5 | 5 | 3 | 4 | 6 | 3 | 1 | 6 | 1 | 1 | 1 | 4 | 1 | 3 | 6 | 6 | 4 | 3 | 3 | 95 | pulp/paper |
| 030302 | machinery/apparatus setting work | 5 | 4 | 5 | 3 | 1 | 5 | 7 | 5 | 3 | 5 | 1 | 4 | 4 | 5 | 4 | 3 | 2 | 4 | 7 | 3 | 5 | 2 | 5 | 3 | 95 | machinery/apparatus setting work |
| 010806 | rubber products | 6 | 5 | 5 | 2 | 3 | 7 | 2 | 4 | 6 | 4 | 4 | 1 | 4 | 4 | 5 | 4 | 2 | 2 | 1 | 6 | 3 | | 1 | 3 | 84 | rubber products |
| 030309 | other construction works | 3 | 4 | 4 | 4 | | 6 | 5 | 6 | 7 | 3 | 7 | 1 | 3 | 3 | | 2 | 2 | 1 | 4 | 2 | 3 | | 1 | 3 | 74 | other construction works |
| 140201 | general restaurant | 2 | 1 | | 2 | 1 | 1 | 3 | 1 | | 1 | 2 | 1 | | 2 | | 2 | 1 | 4 | | | 1 | | | 3 | 28 | general restaurant |
| 010101 | meat/dairy products | 9 | 10 | 3 | 7 | 7 | 6 | 10 | 3 | 8 | 8 | 5 | 6 | 6 | 7 | 6 | 5 | 5 | 5 | 2 | 11 | 2 | 6 | 5 | 2 | 144 | meat/dairy products |
| 010209 | other textile products | 6 | 4 | 16 | 9 | 3 | 1 | 3 | 6 | 6 | 3 | 2 | 6 | 3 | 4 | 4 | 5 | 4 | 1 | 8 | 7 | 3 | 6 | 4 | 2 | 116 | other textile products |
| 011409 | other electrical equipment | 10 | 5 | 6 | 1 | 4 | 5 | 5 | 4 | 6 | 3 | 6 | 1 | 4 | 4 | 2 | 1 | | 3 | 5 | 3 | 4 | 2 | 2 | 2 | 88 | other electrical equipment |
| 020201 | quarrying | 6 | 4 | 4 | 4 | 3 | 2 | 3 | 4 | 5 | 4 | 1 | 1 | 3 | 3 | 3 | 3 | 5 | 5 | 1 | 4 | | 4 | 2 | 2 | 76 | quarrying |
| 010202 | cotton-spinning | 11 | 5 | 6 | 2 | 4 | 4 | 4 | 2 | 4 | 2 | 2 | 1 | 2 | | | 1 | 2 | | 6 | 2 | 2 | 2 | 1 | 2 | 67 | cotton-spinning |
| 011204 | metal plating products | 2 | 1 | 2 | 4 | 2 | 1 | 4 | 5 | 4 | 4 | 3 | 6 | 1 | 6 | 4 | 2 | 1 | 3 | 1 | | 1 | 5 | 1 | 2 | 65 | metal plating products |
| 011101 | nonferrous metals/rolling products | 4 | 9 | 2 | 2 | 2 | 4 | 1 | 2 | 3 | 3 | 2 | 1 | 1 | 1 | 1 | 2 | | 1 | 3 | 4 | 4 | 2 | | 2 | 56 | nonferrous metals/rolling products |
| 140301 | golf course | 2 | 6 | 2 | 5 | 3 | 1 | 1 | 3 | 2 | 2 | 2 | 5 | 4 | 1 | 1 | 2 | 1 | 1 | 1 | 2 | | 1 | 1 | 2 | 51 | golf course |
| 011501 | ship building | 1 | 3 | | 6 | 1 | 2 | 3 | 2 | 4 | 2 | 3 | 3 | 4 | 2 | | 1 | | 3 | 3 | | 2 | 3 | | 2 | 50 | ship building |
| 020202 | gravel digging | 3 | 3 | 5 | 2 | 3 | 3 | 4 | 1 | 1 | 2 | | | | 1 | | 1 | 1 | 2 | | 3 | 2 | 1 | 2 | 40 | gravel digging | |
| 010106 | soft drinks | 1 | 2 | 3 | 1 | 1 | 1 | 1 | 2 | 2 | 3 | 4 | 1 | 3 | | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 39 | soft drinks |
| 011203 | metal press products | 1 | | 1 | 4 | 2 | 2 | 1 | 2 | 2 | | 1 | 2 | | 3 | 1 | 1 | 4 | 3 | 1 | 4 | | 1 | 1 | 2 | 39 | metal press products |
| 010803 | pharmaceuticals | 1 | 2 | 2 | 3 | 2 | 3 | 1 | 1 | 1 | 2 | 3 | 3 | | 4 | 2 | 1 | | 2 | | 1 | | | 2 | 36 | pharmaceuticals | |
| 011009 | other steel products | 4 | 1 | | 3 | | 1 | 3 | | 6 | 1 | 1 | 3 | 1 | 1 | 1 | 2 | 2 | | 1 | | | 2 | 1 | 2 | 36 | other steel products |
| 030301 | electricity/telecommunication work | 2 | 1 | 2 | 1 | 1 | 1 | 1 | | 2 | 1 | | 1 | | | 2 | | | | 1 | | | 2 | 2 | 20 | electricity/telecommunication work | |
| 010103 | agricultural food products | 6 | 9 | 13 | 10 | 6 | 7 | 9 | 9 | 5 | | 3 | 7 | 7 | 4 | | 5 | 6 | 4 | 4 | 9 | 2 | 2 | 4 | 1 | 132 | agricultural food products |
| 011002 | casting products | 3 | 2 | 3 | 9 | 3 | 6 | 4 | 5 | 4 | 6 | 2 | 8 | 5 | 3 | 6 | 4 | 5 | 4 | 5 | 4 | 3 | 2 | 1 | 1 | 98 | casting products |
| 070201 | fishery | 3 | 8 | 7 | | 5 | 5 | 3 | 4 | 7 | 3 | 3 | 5 | 4 | 1 | 8 | 2 | 8 | 4 | 3 | 1 | 2 | | 3 | 1 | 90 | fishery |
| 010609 | other pulp/paper processing products | 2 | 5 | 5 | 7 | | 3 | 9 | 4 | 6 | 1 | 2 | 1 | 6 | 5 | 2 | 3 | 2 | 3 | 4 | 2 | 2 | 3 | 5 | 1 | 83 | other pulp/paper processing products |
| 010899 | other chemical products | 6 | 7 | 7 | 4 | 2 | 5 | 5 | 4 | 3 | 2 | 5 | 3 | 2 | 3 | 4 | 1 | 3 | 2 | 2 | 2 | 2 | 1 | 3 | 1 | 79 | other chemical products |
| 011403 | electronics equipment and telecommunications apparatus | 6 | 2 | 1 | 1 | 4 | 7 | 5 | 2 | 4 | 4 | 3 | 3 | 2 | 5 | 3 | 3 | | 3 | 3 | 2 | 2 | 2 | 2 | 1 | 70 | electronics equipment and telecommunications apparatus |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------|---|----|----|---|----|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|------------------|---|
| 030199 | other civil engineering work | 5 | 6 | 5 | 1 | 9 | 4 | 4 | 2 | 4 | 5 | 1 | 1 | 3 | 1 | 4 | 1 | 5 | 1 | 1 | 3 | | 1 | 1 | 1 | 69 | other civil engineering work |
| 010309 | other fiber products | 7 | 5 | 5 | 3 | 1 | 4 | 5 | 3 | 3 | 3 | 1 | 2 | 4 | 5 | 2 | 4 | 1 | | 3 | 3 | | | 2 | 1 | 67 | other fiber products |
| 011001 | steel/iron/rolling products | 4 | 1 | 1 | 6 | 3 | | 6 | 3 | 2 | 5 | 1 | 1 | 3 | 6 | 2 | 2 | 3 | 1 | 4 | 4 | 3 | | 5 | 1 | 67 | steel/iron/rolling products |
| 150109 | other cleaning and livestock process service | 2 | 2 | 5 | 3 | 7 | 2 | 2 | 7 | 2 | 2 | 2 | | 2 | 2 | 3 | 2 | | 2 | 1 | | 2 | 3 | 3 | 1 | 57 | other cleaning and livestock process service |
| 011509 | other transport equipment products | 4 | 6 | 2 | 3 | 2 | 2 | 3 | 2 | 4 | 1 | 2 | 3 | 1 | 3 | | 1 | 3 | 1 | 1 | 1 | 2 | 1 | 3 | 1 | 52 | other transport equipment products |
| 010902 | glass products | 4 | 3 | 4 | | 2 | 2 | 1 | 1 | 2 | 1 | 3 | 1 | 3 | 3 | 4 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 45 | glass products |
| 011109 | other nonferrous metal products | 3 | 4 | 5 | 2 | 2 | 2 | 3 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 1 | 3 | 3 | 1 | 1 | 1 | 45 | other nonferrous metal products |
| 010105 | alcoholic drinks | 2 | 4 | 1 | 2 | | 3 | 4 | 6 | 1 | 1 | 2 | 1 | | 1 | | 3 | | | | 3 | | 4 | 1 | 39 | alcoholic drinks | |
| 030209 | other building construction work | 1 | 4 | 4 | 1 | 3 | 1 | 2 | 2 | 2 | 3 | | 1 | | 1 | 2 | | 2 | | 1 | 1 | 2 | | 2 | 1 | 36 | other building construction work |
| 030202 | wooden house construction work | 6 | 1 | 3 | 1 | 3 | 1 | 2 | | 1 | 2 | 2 | 1 | | 1 | 1 | 2 | | 3 | 1 | | 1 | 1 | 1 | 1 | 35 | wooden house construction work |
| 010905 | other ceramic products | 3 | 3 | 5 | 1 | 2 | 1 | 3 | | 3 | | | 1 | 1 | 1 | 2 | 1 | | 1 | | | 2 | 2 | 1 | 1 | 34 | other ceramic products |
| 070209 | other fishery | 2 | | 3 | 2 | 1 | 3 | | | 2 | 1 | | 2 | 1 | | 1 | 1 | | 5 | 1 | 1 | 1 | 2 | 2 | 1 | 32 | other fishery |
| 011202 | screw products | | | 1 | 1 | 3 | 2 | | 1 | | 1 | | 4 | 3 | 3 | 2 | 1 | | 2 | 1 | 1 | 3 | 1 | | 1 | 31 | screw products |
| 030201 | steel frame/reinforced concrete house construction work | 2 | | 2 | 2 | | 2 | | 2 | 3 | 1 | 1 | 1 | | 1 | | 1 | 3 | 1 | 1 | 2 | 1 | 2 | 2 | 1 | 31 | steel frame/reinforced concrete house construction work |
| 011402 | electrical appliance | 4 | | 2 | 2 | 1 | 1 | 2 | 3 | | 2 | 3 | | | 1 | 1 | | | | | | | 1 | 1 | 1 | 25 | electrical appliance |
| 011401 | heavy electrical equipment | 1 | | | | 1 | | 2 | | 1 | 1 | | 1 | | 1 | | 1 | 2 | 2 | | | | | | 1 | 14 | heavy electrical equipment |
| 040302 | specific truck transportation service | 1 | | 2 | 3 | | | | | | 1 | | | | 1 | | 1 | 1 | | 1 | | | | | 1 | 12 | specific truck transportation service |
| 050202 | port cargo handling service | | | | | 2 | 2 | | | | | | | 2 | 1 | | | | | 1 | 1 | 1 | | | 1 | 11 | port cargo handling service |
| 040309 | other land cargo transportation service | | 1 | | 1 | | | | 1 | | 1 | | 1 | 1 | 1 | | | | | | | | | | 1 | 8 | other land cargo transportation service |
| 010201 | silk-reeling | 1 | | 1 | | 1 | | | | | | | 1 | | 1 | | | | | | | | | | 1 | 6 | silk-reeling |
| 140209 | other restaurants | | 1 | | 1 | | | | | | | | 1 | | | | | | | | | | | 1 | 1 | 6 | other restaurants |
| 050209 | other harbor transportation service | | 2 | | | 1 | | | | | | | | | | | | | | 1 | | | | | 1 | 5 | other harbor transportation service |
| 030108 | sand collapse prevention civil engineering work | 1 | | | | | | | | | | | | | | | | | | 1 | | | | | 1 | 3 | sand collapse prevention civil engineering work |
| 040102 | water transportation service | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | 1 | 3 | water transportation service |
| 030103 | subway construction work | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | subway construction work |
| 010903 | pottery products | 10 | 12 | 6 | 10 | 1 | 2 | 2 | 1 | 3 | 2 | 1 | 1 | | 2 | 4 | 2 | | | | | | | 1 | | 60 | pottery products |
| 080409 | other commerce | 6 | 2 | 1 | 2 | 8 | | 2 | 3 | 2 | 2 | 1 | | 1 | | 4 | 4 | 4 | | 2 | 2 | 1 | 4 | | | 51 | other commerce |
| 080204 | fuel retail | 5 | 5 | 4 | 3 | 4 | 2 | 1 | 3 | 2 | 2 | 1 | 2 | 2 | 1 | 4 | 2 | 1 | 3 | 1 | 1 | 1 | | | | 50 | fuel retail |
| 010204 | dyeing | 5 | 5 | 5 | 4 | 2 | 2 | 1 | 1 | 1 | | 3 | 1 | 1 | | 2 | 2 | | 1 | | 2 | | | 5 | | 43 | dyeing |
| 030203 | building facility construction work | | 1 | 2 | 1 | 10 | 1 | 2 | | 4 | 1 | 1 | | 4 | 4 | 1 | | 2 | 2 | | 1 | 1 | 1 | 3 | | 42 | building facility construction work |
| 010203 | weaving | 5 | 2 | 1 | | 6 | 2 | 2 | 3 | | 1 | 1 | | 1 | 1 | | 1 | 3 | 1 | 1 | 1 | | | | | 32 | weaving |
| 010501 | wood furniture | 4 | 2 | 2 | 4 | 1 | 2 | 2 | | | 1 | 1 | 3 | 1 | | | 1 | 2 | 1 | | 2 | | | | | 29 | wood furniture |
| 010809 | chemical fertilizer products | 1 | 2 | 1 | 1 | 2 | | 2 | | 1 | 3 | | 1 | 2 | 1 | 4 | | | 2 | | | 2 | 1 | 2 | | 28 | chemical fertilizer products |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 010804 | petroleum/coal products | 2 | 2 | 2 | 1 | 2 | 2 | 1 | | | 1 | 1 | 3 | | | 1 | 2 | 4 | | | 1 | | | 1 | | 26 | petroleum/coal products |
| 010702 | bookbinding | 2 | 3 | 1 | 1 | 1 | 2 | 3 | | 3 | 3 | | | | 1 | | | 1 | | 2 | | 2 | | | | 25 | bookbinding |
| 030106 | road construction work | 1 | 2 | 4 | 1 | | 2 | 1 | 2 | 2 | 1 | 3 | | 1 | 1 | | | | | | 1 | | 1 | | | 23 | road construction work |
| 010709 | other printing and bookbinding | 3 | 1 | 3 | 1 | | | 1 | | | 1 | | 4 | | 3 | 1 | | 1 | | | 1 | 1 | 1 | | | 22 | other printing and bookbinding |
| 010808 | painting products | 1 | 2 | 1 | | | | 1 | | 1 | | | 3 | | 1 | 1 | 2 | 2 | 1 | | | | 2 | 1 | | 19 | painting products |
| 010904 | fire resisting products | 3 | 2 | 1 | | | 2 | 1 | | | 1 | | | 1 | | 1 | 2 | 1 | 1 | 2 | 1 | | | | | 19 | fire resisting products |
| 040101 | railroad service | 1 | | 1 | 2 | | | 1 | 1 | | 1 | | | 3 | 1 | 1 | 1 | | | 2 | 2 | 2 | | | | 19 | railroad service |
| 080201 | all kinds of retail | | 1 | 1 | | | 1 | 2 | 1 | | 2 | | 1 | 2 | 1 | | | | 3 | 2 | | 1 | | 1 | | 19 | all kinds of retail |
| 010802 | chemical fiber | | 2 | 2 | 1 | | 1 | 1 | | 1 | 2 | | | | | 1 | 1 | | 1 | 3 | 1 | | | 1 | | 18 | chemical fiber |
| 011102 | nonferrous metals casting products | 2 | 1 | 1 | 1 | | 1 | | 1 | 1 | 4 | | 1 | 1 | 1 | 1 | 1 | | 1 | | | | | | | 18 | nonferrous metals casting products |
| 011201 | western tableware/cutting tool products | 1 | 2 | | | | | 3 | | | 2 | 1 | | | 2 | 1 | | | 1 | | 1 | | 1 | 2 | | 17 | western tableware/cutting tool products |
| 120109 | other education/research service | 2 | 1 | | | | 1 | | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | | | | | 2 | | 1 | | | 17 | other education/research service |
| 010807 | leather products | 2 | 2 | 2 | 1 | 1 | | | 2 | 1 | 1 | | 1 | | | 2 | | | | | | | | 1 | | 16 | leather products |
| 130201 | social welfare facility | | 1 | | | | 1 | 1 | 2 | | | 1 | | | | | 1 | | 1 | 2 | 1 | 2 | 2 | | | 15 | social welfare facility |
| 030109 | land consolidation civil engineering work | | | 4 | 2 | | 3 | | | | 1 | | | | | 1 | | | 1 | 1 | | | 1 | | | 14 | land consolidation civil engineering work |
| 010503 | fittings | 1 | 4 | | 2 | 1 | 1 | 1 | | | | | | | 1 | | | | | | 1 | 1 | | | | 13 | fittings |
| 030110 | water supply/sewage construction work | 1 | 4 | 1 | 2 | 1 | | 1 | | | 1 | | 2 | | | | | | | | | | | | | 13 | water supply/sewage construction work |
| 140302 | park and amusement park | 1 | 1 | | 1 | 1 | 1 | | | 2 | 1 | | | | 1 | | 1 | 2 | | 1 | | | | | | 13 | park and amusement park |
| 011603 | city water service | | | | | | 1 | | 1 | | | 1 | | 3 | | 1 | 1 | 2 | | | | | | 1 | | 11 | city water service |
| 080401 | warehousing | | | | 1 | | 1 | 1 | | | 1 | 1 | 1 | | 1 | | | 2 | 1 | | | | | 1 | | 11 | warehousing |
| 130101 | hospital | | 3 | | 2 | 1 | | | | | 1 | | | | 1 | | | 1 | | | | | 1 | | | 10 | hospital |
| 140101 | hotel | | | 1 | | | | 2 | 1 | 2 | | | | | 1 | | 1 | | 1 | | | | 1 | | | 10 | hotel |
| 010509 | other furniture | 1 | 1 | 1 | | | | | 1 | 1 | | | | | 1 | | | | | | | | 1 | 2 | | 9 | other furniture |
| 011302 | measuring instruments | | 1 | 1 | | | | 3 | | 1 | | | | 1 | 1 | 1 | | | | | | | | | | 9 | measuring instruments |
| 011303 | optical instruments | | 1 | | | | 1 | | 1 | 1 | | | | | | | | | 1 | | | | 1 | | | 9 | optical instruments |
| 010301 | over/under wear | 1 | | 1 | 1 | | 2 | | | | | | 1 | | | | | | 1 | 1 | | | | | | 8 | over/under wear |
| 020209 | other quarrying | | 1 | | 1 | | | 1 | 1 | 1 | | | | | | | | 1 | 1 | 1 | | | | | | 8 | other quarrying |
| 030111 | port/seaside construction work | | | 1 | | | 2 | 2 | | | | | 1 | | 1 | | | | | | | | 1 | | | 8 | port/seaside construction work |
| 060201 | lumbering | 1 | 1 | 1 | | | | | | 1 | | 1 | | 1 | | | | | 2 | | | | | | | 8 | lumbering |
| 110101 | telecommunication service | | | | | | | 1 | | 3 | | | | | | | | | 1 | 1 | | 1 | 1 | | | 8 | telecommunication service |
| 030107 | river civil engineering work | 1 | | | | | 1 | | 1 | | | | | | | 2 | 1 | | 1 | | | | | | | 7 | river civil engineering work |
| 040201 | taxi service | 1 | | | | | | 1 | | 1 | | 1 | 1 | | | | 1 | 1 | | | | | | | | 7 | taxi service |
| 040409 | other transportation service | | 1 | 1 | | | 2 | 1 | 1 | | | | | | | | | | | | | | | | | 7 | other transportation service |
| 060209 | other forestry | 1 | | | | | 1 | | | | | | | | | 1 | | | 2 | | | | 1 | | | 7 | other forestry |
| 080101 | all kinds of wholesale | | 2 | 2 | | | 1 | 1 | | 1 | | | | | | | | | | | | | | | | 7 | all kinds of wholesale |
| 011503 | railway vehicle products | | | | | | 1 | 1 | | 1 | | | 1 | | | | | | | 1 | | | | | | 6 | railway vehicle products |
| 011704 | tobacco products | | 1 | | | | | | 1 | 1 | 2 | | | | | | | | | 1 | | | | | | 6 | tobacco products |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------|---------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------------------------------------|-------|
| 080302 | beauty salon | | | | | | | | | | | | | | | | | | | | | | | | | beauty salon | |
| 090101 | banking/trust business | | | | | | | | | | | | | | | | | | | | | | | | | banking/trust business | |
| 090102 | stock/commodity trade business | | | | | | | | | | | | | | | | | | | | | | | | | stock/commodity trade business | |
| 090103 | insurance business | | | | | | | | | | | | | | | | | | | | | | | | | insurance business | |
| 090201 | traveling service | | | | | | | | | | | | | | | | | | | | | | | | | traveling service | |
| 100101 | movie production and delivery service | | | | | | | | | | | | | | | | | | | | | | | | | movie production and delivery service | |
| 130102 | general clinic | | | | | | | | | | | | | | | | | | | | | | | | | general clinic | |
| 130109 | other medical treatment service | | | | | | | | | | | | | | | | | | | | | | | | | other medical treatment service | |
| | total | 655 | 588 | 552 | 532 | 473 | 460 | 511 | 456 | 440 | 445 | 379 | 401 | 377 | 374 | 367 | 338 | 392 | 319 | 363 | 351 | 301 | 293 | 313 | 324 | 10,004 | total |

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

https://www.jisha.or.jp/english/statistics/202311_12.html