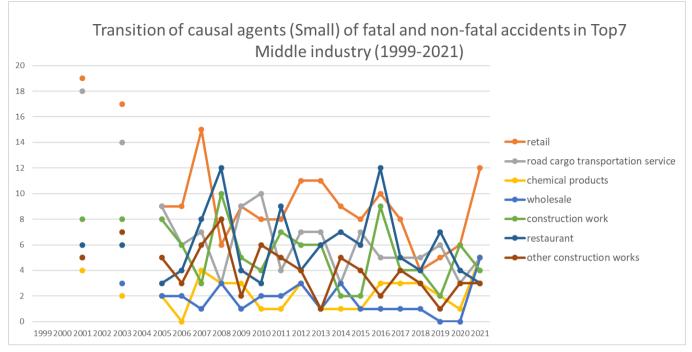
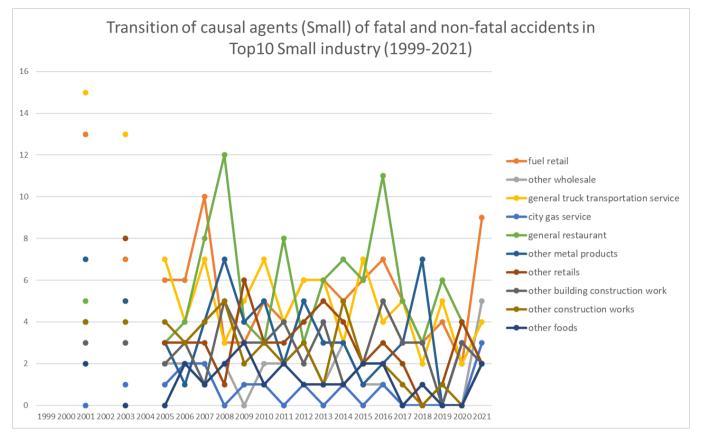


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 319 other pressure vessels in Large industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 319 other pressure vessels in Middle Industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 319 other pressure vessels in Small Industry (1999-2021)

## Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 319 other pressure vessels 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                        |
|------|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|---------------------------------------|
| 08   | commerce                              |      |      | 25   |      | 20   |      | 12   | 13   | 16   | 10   | 13   | 10   | 13   | 16   | 12   | 13   | 10   | 12   | 10   | 5    | 6    | 6    | 20   | 242   | commerce                              |
| 01   | manufacturing                         |      |      | 33   |      | 26   |      | 26   | 20   | 26   | 24   | 21   | 15   | 10   | 22   | 12   | 16   | 6    | 14   | 14   | 21   | 9    | 9    | 16   | 340   | manufacturing                         |
| 03   | construction                          |      |      | 16   |      | 23   |      | 14   | 13   | 10   | 20   | 10   | 10   | 12   | 12   | 8    | 11   | 8    | 13   | 10   | 11   | 5    | 10   | 8    | 224   | construction                          |
| 04   | transportation service                |      |      | 18   |      | 14   |      | 10   | 6    | 7    | 4    | 9    | 10   | 4    | 8    | 7    | 5    | 7    | 5    | 5    | 5    | 6    | 4    | 5    | 139   | transportation service                |
| 14   | hotel/restaurant/amusement<br>service |      |      | 9    |      | 9    |      | 4    | 5    | 9    | 13   | 4    | 3    | 10   | 8    | 9    | 8    | 8    | 16   | 6    | 8    | 7    | 5    | 3    | 144   | hotel/restaurant/amusement<br>service |
| 13   | health and hygiene service            |      |      | 1    |      | 2    |      | 4    | 2    | 2    | 3    | 5    | 2    | 3    | 5    | 1    | 3    | 5    | 3    | 3    |      | 3    | 3    | 2    | 52    | health and hygiene service            |
| 17   | others                                |      |      | 4    |      | 8    |      | 3    | 3    | 2    | 3    | 3    | 1    | 3    | 2    | 4    | 1    | 1    | 1    |      | 4    | 1    | 3    | 1    | 48    | others                                |

| 05 | cargo handling service     |  | 3        | 1   |    | 1  | 1  |    | 2  |         |    |    |    | 1  |    |    |    | 1  |    |    | 1  | 11    | cargo handling service     |
|----|----------------------------|--|----------|-----|----|----|----|----|----|---------|----|----|----|----|----|----|----|----|----|----|----|-------|----------------------------|
| 10 | movie/play service         |  |          |     |    |    |    |    |    | 1       |    |    |    | 1  | 1  |    |    |    |    |    | 1  | 4     | movie/play service         |
| 15 | commercial cleaning and    |  | 7        | 1   | 2  |    | 3  | 4  | 3  | 1       | 5  | 2  | 5  | 1  | 1  | 1  |    |    | 1  |    |    | 37    | commercial cleaning and    |
|    | livestock process          |  | <u> </u> |     | 2  |    |    |    |    | <b></b> |    |    |    |    | ľ  | ľ  |    |    | Ľ  |    |    | 57    | livestock process          |
| 07 | livestock/fishery          |  |          |     |    |    |    | 1  |    |         | 1  |    | 1  | 1  |    |    | 1  |    |    |    |    | 5     | livestock/fishery          |
| 12 | education/research service |  | 1        | 1   | 1  |    |    |    |    |         |    |    |    |    |    |    |    |    |    |    |    | 3     | education/research service |
| 06 | agriculture                |  |          |     |    |    |    |    |    |         |    |    |    | 1  |    |    |    |    |    | 1  |    | 2     | agriculture                |
| 09 | financial                  |  |          |     |    |    |    |    | 1  |         |    |    |    | 1  |    |    |    |    |    |    |    | 2     | financial                  |
|    | business/advertisement     |  |          |     |    |    |    |    |    |         |    |    |    |    |    |    |    |    |    |    |    | 2     | business/advertisement     |
| 02 | mining                     |  |          |     |    |    |    |    |    | 1       |    |    |    |    |    |    |    |    |    |    |    | 1     | mining                     |
| 11 | telecommunication service  |  |          |     |    |    |    |    |    |         |    |    |    |    |    |    |    |    |    |    |    |       | telecommunication service  |
| 16 | public office              |  |          |     |    |    |    |    |    |         |    |    |    |    |    |    |    |    |    |    |    |       | public office              |
|    | total                      |  | 117      | 105 | 76 | 63 | 76 | 82 | 71 | 54      | 61 | 75 | 59 | 63 | 47 | 65 | 49 | 55 | 38 | 41 | 57 | 1,254 | total                      |

## Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 319 other pressure vessels in Middle industry (1999-2021)

| 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 | total | Middle industry                      |
|------|-----------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|--------------------------------------|
| 0802 | retail                            |      |      | 19   |      | 17   |      | 9    | 9    | 15   | 6    | 9    | 8    | 8    | 11   | 11   | 9    | 8    | 10   | 8    | 4    | 5    | 6    | 12   | 184   | retail                               |
| 0403 | road cargo transportation service |      |      | 18   |      | 14   |      | 9    | 6    | 7    | 3    | 9    | 10   | 4    | 7    | 7    | 3    | 7    | 5    | 5    | 5    | 6    | 3    | 5    | 133   | road cargo<br>transportation service |
| 0108 | chemical products                 |      |      | 4    |      | 2    |      | 2    |      | 4    | 3    | 3    | 1    | 1    | 3    | 1    | 1    | 1    | 3    | 3    | 3    | 2    | 1    | 5    | 43    | chemical products                    |
| 0801 | wholesale                         |      |      | 5    |      | 3    |      | 2    | 2    | 1    | 3    | 1    | 2    | 2    | 3    | 1    | 3    | 1    | 1    | 1    | 1    |      |      | 5    | 37    | wholesale                            |
| 0302 | construction work                 |      |      | 8    |      | 8    |      | 8    | 6    | 3    | 10   | 5    | 4    | 7    | 6    | 6    | 2    | 2    | 9    | 4    | 4    | 2    | 6    | 4    | 104   | construction work                    |
| 1402 | restaurant                        |      |      | 6    |      | 6    |      | 3    | 4    | 8    | 12   | 4    | 3    | 9    | 4    | 6    | 7    | 6    | 12   | 5    | 4    | 7    | 4    | 3    | 113   | restaurant                           |
| 0303 | other construction works          |      |      | 5    |      | 7    |      | 5    | 3    | 6    | 8    | 2    | 6    | 5    | 4    | 1    | 5    | 4    | 2    | 4    | 3    | 1    | 3    | 3    | 77    | other construction<br>works          |
|      |                                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       | electric/gas/water                   |

| 0116 | electric/gas/water service                   |   | 1 | 1 | 2 | 2 |   | 2 | 1 |   | 1 |   | 1 |   | 1 |   | 1 |   | 1 | 3 | 17 | service                                      |
|------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--|
| 0112 | metal products                               | 7 | 6 | 4 | 1 | 4 | 8 | 4 | 5 | 2 | 5 | 3 | 4 | 1 | 3 | 3 | 7 |   | 3 | 2 | 72 | metal products                               |
| 0101 | food products                                | 4 | 4 | 4 | 6 | 6 | 4 | 6 | 3 | 3 | 1 | 3 | 3 | 2 | 4 |   | 2 | 1 | 2 | 2 | 60 | food products                                |
| 0115 | transport equipment products                 | 4 | 3 | 2 |   | 1 | 2 | 2 | 1 | 1 | 2 | 1 |   |   |   | 4 | 1 | 1 |   | 2 | 27 | transport equipment<br>products              |
| 0804 | other commerce                               | 1 |   | 1 | 2 |   |   | 3 |   | 3 | 2 |   | 1 | 1 | 1 | 1 |   | 1 |   | 2 | 19 | other commerce                               |
| 1702 | others                                       | 4 | 8 | 3 | 3 | 2 | 3 | 2 | 1 | 3 | 2 | 4 | 1 | 1 | 1 |   | 4 | 1 | 3 | 1 | 47 | others                                       |
| 0301 | civil engineering work                       | 3 | 8 | 1 | 4 | 1 | 2 | 3 |   |   | 2 | 1 | 4 | 2 | 2 | 2 | 4 | 2 | 1 | 1 | 43 | civil engineering work                       |
| 1301 | medical treatment service                    | 1 | 2 | 4 | 1 | 1 | 1 | 1 | 2 | 3 | 5 | 1 | 2 | 2 | 2 | 3 |   | 2 | 3 | 1 | 37 | medical treatment<br>service                 |
| 0113 | machine products                             | 5 | 1 | 2 | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   | 1 | 1 | 1 | 1 | 4 | 1 | 1 | 28 | machine products                             |
| 0501 | land cargo handling service                  | 3 | 1 |   | 1 | 1 |   | 2 |   |   |   |   | 1 |   |   |   | 1 |   |   | 1 | 11 | land cargo handling<br>service               |
| 1303 | other health and hygiene service             |   |   |   |   |   | 1 | 4 |   |   |   |   |   | 1 | 1 |   |   |   |   | 1 | 8  | other health and hygiene service             |
| 0106 | pulp/paper processing products               |   | 1 |   |   | 1 |   |   |   | 1 | 1 |   |   |   |   |   |   |   |   | 1 | 5  | pulp/paper processing<br>products            |
| 1001 | movie/play service                           |   |   |   |   |   |   |   | 1 |   |   |   | 1 | 1 |   |   |   |   |   | 1 | 4  | movie/play service                           |
| 0803 | haircut/beauty salon                         |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   | 1 | 2  | haircut/beauty salon                         |
| 0117 | other manufacturing                          | 6 | 6 | 5 | 3 | 2 | 3 | 2 |   |   | 4 | 2 | 4 |   | 2 | 2 | 3 | 1 | 1 |   | 46 | other manufacturing                          |
| 1501 | commercial cleaning and livestock<br>process | 7 | 1 | 2 |   | 3 | 4 | 3 | 1 | 5 | 2 | 5 | 1 | 1 | 1 |   |   | 1 |   |   | 37 | commercial cleaning<br>and livestock process |
| 1403 | other amusement service                      |   | 1 | 1 | 1 |   | 1 |   |   | 1 | 4 | 3 |   | 1 | 1 |   | 3 |   | 1 |   | 18 | other amusement service                      |
| 1401 | hotel  | 3 | 2 |   |   | 1 |   |   |   |   |   |   | 1 | 1 | 3 | 1 | 1 |   |   |   | 13 | hotel  |
| 0114 | electrical equipment products                |   |   |   | 1 |   | 1 | 1 | 3 |   | 3 |   |   | 1 |   |   |   |   |   |   | 10 | electrical equipment<br>products             |

| 0109 sand and stone products          |  | 1 | 1 | 1 | 1 | 2 |   |   |   |   | 1 |   | 1 |   |   | 1 |   |   | 9 | sand and stone products                             |
|---------------------------------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0110 steel making                     |  | 1 |   | 1 | 1 | 1 | 1 |   |   | 1 |   |   |   |   | 1 | 2 |   |   | 9 | steel making  |
| 1302 social welfare facility          |  |   |   |   | 1 | 1 | 1 |   |   |   |   |   | 1 | 2 |   |   | 1 |   | 7 | social welfare facility                             |
| 0111 nonferrous metal making          |  | 1 |   | 1 |   | 1 | 1 |   |   |   |   |   |   |   |   |   |   |   | 4 | nonferrous metal<br>making                          |
| 0701 livestock                        |  |   |   |   |   |   |   |   |   | 1 |   | 1 | 1 |   | 1 |   |   |   | 4 | livestock   |
| 0102 textile products                 |  |   | 1 | 1 | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 | textile products                                    |
| 0105 furniture                        |  |   |   | 1 |   | 1 |   |   |   |   |   | 1 |   |   |   |   |   |   | 3 | furniture   |
| 0402 road passenger transport service |  |   |   | 1 |   |   | 1 |   |   |   | 1 |   |   |   |   |   |   |   | 3 | road passenger<br>transport service                 |
| 1201 education/research service       |  | 1 | 1 | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 | education/research<br>service                       |
| 0104 wood products                    |  |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   | 2 | wood products                                       |
| 0401<br>service                       |  |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   | 2 | railroad/water<br>transportation/airline<br>service |
| 0601 agriculture                      |  |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   | 1 | 2 | agriculture   |
| 0901 financial business               |  |   |   |   |   |   |   | 1 |   |   |   |   | 1 |   |   |   |   |   | 2 | financial business                                  |
| 0103 fiber products                   |  |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 | fiber products                                      |
| 0107 printing/bookbinding             |  |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 | printing/bookbinding                                |
| 0202 quarrying                        |  |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   | 1 | quarrying   |
| 0404 other transportation service     |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 | 1 | other transportation service                        |
| 0702 fishery                          |  |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   | 1 | fishery   |
| 1701 dispatch service                 |  |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   | 1 | dispatch service                                    |
| 0201 coal mining                      |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | coal mining   |

| 0203 | other mining                  |  |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | other mining          |
|------|-------------------------------|--|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------------------|
| 0502 | harbor transportation service |  |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | harbor transportation |
|      |                               |  |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | service               |
| 0602 | forestry                      |  |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | forestry              |
| 0002 | advertisement and mediator    |  |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | advertisement and     |
| 0902 |                               |  |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | mediator              |
| 1101 | telecommunication service     |  |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | telecommunication     |
|      |                               |  |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | service               |
| 1601 | public office                 |  |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | public office         |
|      | total                         |  | 117 | 105 | 76 | 63 | 76 | 82 | 71 | 54 | 61 | 75 | 59 | 63 | 47 | 65 | 49 | 55 | 38 | 41 | 57 | 1,254 | total                 |

## Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 319 other pressure vessels 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                       |
|--------|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|--------------------------------------|
| 080204 | fuel retail                             |      |      | 13   |      | 7    |      | 6    | 6    | 10   | 3    | 3    | 5    | 4    | 6    | 6    | 5    | 6    | 7    | 5    | 3    | 4    | 2    | 9    | 110   | fuel retail                          |
| 080109 | other wholesale                         |      |      | 4    |      | 3    |      | 2    | 2    | 1    | 2    |      | 2    | 2    | 3    | 1    | 3    | 1    | 1    |      | 1    |      |      | 5    | 33    | other wholesale                      |
| 040301 | general truck transportation<br>service |      |      | 15   |      | 13   |      | 7    | 4    | 7    | 3    | 5    | 7    | 4    | 6    | 6    | 3    | 7    | 4    | 5    | 2    | 5    | 2    | 4    | 109   | general truck transportation service |
| 011602 | city gas service                        |      |      |      |      | 1    |      | 1    | 2    | 2    |      | 1    | 1    |      | 1    |      | 1    |      | 1    |      |      |      |      | 3    | 14    | city gas service                     |
| 140201 | general restaurant                      |      |      | 5    |      | 5    |      | 3    | 4    | 8    | 12   | 4    | 3    | 8    | 3    | 6    | 7    | 6    | 11   | 5    | 3    | 6    | 4    | 2    | 105   | general restaurant                   |
| 011209 | other metal products                    |      |      | 7    |      | 5    |      | 3    | 1    | 4    | 7    | 4    | 5    | 2    | 5    | 3    | 3    | 1    | 2    | 3    | 7    |      | 3    | 2    | 67    | other metal products                 |
| 080209 | other retails                           |      |      | 4    |      | 8    |      | 3    | 3    | 3    | 1    | 6    | 3    | 3    | 4    | 5    | 4    | 2    | 3    | 2    |      | 1    | 4    | 2    | 61    | other retails                        |
| 030209 | other building construction<br>work     |      |      | 3    |      | 3    |      | 2    | 3    | 1    | 5    | 3    | 3    | 4    | 2    | 4    | 1    | 2    | 5    | 3    | 3    |      | 3    | 2    | 52    | other building construction<br>work  |
| 030309 | other construction works                |      |      | 4    |      | 4    |      | 4    | 3    | 4    | 5    | 2    | 3    | 2    | 3    | 1    | 5    | 2    | 2    | 1    |      | 1    |      | 2    | 48    | other construction works             |
| 010109 | other foods                             |      |      | 2    |      |      |      |      | 2    | 1    | 2    | 3    | 1    | 2    | 1    | 1    | 1    | 2    | 2    |      | 1    |      |      | 2    | 23    | other foods                          |
| 080409 | other commerce                          |      |      | 1    |      |      |      | 1    | 2    |      |      | 2    |      | 3    | 1    |      | 1    | 1    |      | 1    |      |      |      | 2    | 15    | other commerce                       |
|        |   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |                                      |

| 010805 | plastics products   | 1 | I |   |   |   |   |   |   |   |   | 1 |   |   |   | 2 |   |   |   |   | 2 | 6  | plastics products   |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|
| 170209 | others  | 4 | 1 | 8 | 3 | 3 | 2 | 3 | 1 | 1 | 2 | 2 | 4 | 1 | 1 | 1 |   | 4 | 1 | 3 | 1 | 45 | others  |
| 030302 | machinery/apparatus setting<br>work                           | 1 | I | 3 | 1 |   | 2 | 3 |   | 3 | 3 | 1 |   |   | 2 |   | 2 | 3 |   | 3 | 1 | 28 | machinery/apparatus setting<br>work                           |
| 130101 | hospital  | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 4 | 1 | 2 | 2 | 2 | 3 |   | 1 | 1 | 1 | 28 | hospital  |
| 030201 | steel frame/reinforced<br>concrete house construction<br>work | 2 | 2 | 2 | 1 |   | 2 | 4 | 2 |   | 2 | 3 | 2 |   |   | 2 | 1 |   |   | 2 | 1 | 26 | steel frame/reinforced<br>concrete house construction<br>work |
| 011301 | machine products  | 5 | 5 |   | 2 | 3 | 1 | 1 | 1 |   | 1 | 1 | 1 |   | 1 | 1 |   |   | 2 | 1 | 1 | 22 | machine products  |
| 030203 | building facility construction<br>work                        | 3 | 3 | 1 | 3 | 2 |   | 1 |   |   |   |   |   | 1 |   | 1 |   | 1 | 2 | 1 | 1 | 17 | building facility construction<br>work                        |
| 010801 | non organic or organic<br>chemical products                   |   |   | 1 |   |   | 2 | 2 | 1 | 1 | 1 | 1 |   | 1 |   | 1 |   | 1 | 1 |   | 1 | 14 | non organic or organic<br>chemical products                   |
| 011502 | auto mobile products  |   |   | 2 | 1 |   | 1 | 1 | 2 |   | 1 | 1 | 1 |   |   |   | 1 |   |   |   | 1 | 12 | auto mobile products  |
| 040309 | other land cargo<br>transportation service                    | 2 | 2 |   | 1 |   |   |   | 1 | 1 |   | 1 |   |   |   | 1 |   | 2 |   | 1 | 1 | 11 | other land cargo<br>transportation service                    |
| 050101 | land cargo handling service                                   | 3 | 3 | 1 |   | 1 | 1 |   | 2 |   |   |   |   | 1 |   |   |   | 1 |   |   | 1 | 11 | land cargo handling service                                   |
| 011501 | ship building   | 1 | 1 | 1 |   |   |   | 1 |   | 1 |   |   |   |   |   |   | 3 | 1 | 1 |   | 1 | 10 | ship building   |
| 010803 | pharmaceuticals   | 1 | 1 | 1 |   |   |   |   |   |   |   | 1 |   |   |   |   | 2 | 1 |   | 1 | 1 | 8  | pharmaceuticals   |
| 140209 | other restaurants   | 1 | 1 | 1 |   |   |   |   |   |   | 1 | 1 |   |   |   | 1 |   | 1 | 1 |   | 1 | 8  | other restaurants   |
| 130301 | bathhouse   |   |   |   |   |   |   |   | 4 |   |   |   |   |   | 1 | 1 |   |   |   |   | 1 | 7  | bathhouse   |
| 080202 | auto mobile retail  |   |   | 1 |   |   |   |   |   |   | 1 |   |   |   |   |   |   | 1 |   |   | 1 | 4  | auto mobile retail  |
| 010601 | pulp/paper  |   |   |   |   |   | 1 |   |   |   |   | 1 |   |   |   |   |   |   |   |   | 1 | 3  | pulp/paper  |
| 010809 | chemical fertilizer products                                  |   |   |   |   |   | 1 |   |   |   |   |   | 1 |   |   |   |   |   |   |   | 1 | 3  | chemical fertilizer products                                  |
| 030111 | port/seaside construction<br>work                             |   |   |   |   |   |   |   | 1 |   |   |   | 1 |   |   |   |   |   |   |   | 1 | 3  | port/seaside construction<br>work                             |
| 080302 | beauty salon  |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   | 1 | 2  | beauty salon  |

| 100109 | other movie/play service                 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 | 1  | other movie/play service                 |
|--------|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--|
| 030199 | other civil engineering work             |  | 3 | 7 | 1 | 2 | 1 |   | 1 |   |   | 1 |   | 2 |   |   | 1 | 2 |   | 1 |   | 22 | other civil engineering work             |
| 011701 | auto mobile servicing                    |  | 5 | 3 | 1 | 1 | 2 |   | 2 |   |   |   |   | 2 |   | 1 | 2 | 1 |   |   |   | 20 | auto mobile servicing                    |
| 150102 | industrial waste management<br>service   |  | 1 | 1 | 2 |   |   | 2 |   | 1 | 4 | 1 | 1 |   | 1 | 1 |   |   |   |   |   | 15 | industrial waste management<br>service   |
| 010104 | bread/cake products                      |  | 1 | 2 | 1 | 1 | 1 |   | 2 | 1 |   |   |   | 1 |   | 2 |   | 1 |   | 1 |   | 14 | bread/cake products                      |
| 140309 | other amusement service                  |  |   | 1 | 1 | 1 |   | 1 |   |   |   | 4 | 2 |   | 1 | 1 |   | 2 |   |   |   | 14 | other amusement service                  |
| 011709 | other manufacturing                      |  |   |   | 3 | 1 |   |   |   |   |   | 2 | 2 | 2 |   |   |   | 1 | 1 | 1 |   | 13 | other manufacturing                      |
| 040302 | specific truck transportation<br>service |  | 1 | 1 | 1 | 2 |   |   | 3 | 2 |   |   | 1 |   |   |   |   | 1 | 1 |   |   | 13 | specific truck transportation service    |
| 140101 | hotel                                    |  | 3 | 2 |   |   | 1 |   |   |   |   |   |   | 1 | 1 | 3 | 1 | 1 |   |   |   | 13 | hotel                                    |
| 150101 | building maintenance service             |  | 4 |   |   |   |   |   | 2 |   | 1 |   | 3 | 1 |   |   |   |   |   |   |   | 11 | building maintenance service             |
| 011702 | machine repair                           |  |   | 3 | 1 |   |   | 3 |   |   |   | 2 |   |   |   |   |   | 1 |   |   |   | 10 | machine repair                           |
| 030106 | road construction work                   |  |   | 1 |   | 1 |   | 2 |   |   |   |   |   | 1 | 1 |   |   | 2 | 2 |   |   | 10 | road construction work                   |
| 010102 | fishery products                         |  |   | 1 |   | 1 | 3 | 1 |   | 1 |   |   | 1 |   |   |   |   |   |   | 1 |   | 9  | fishery products                         |
| 030202 | wooden house construction<br>work        |  |   | 2 | 2 | 1 |   |   |   | 1 | 1 | 1 |   |   |   | 1 |   |   |   |   |   | 9  | wooden house construction<br>work        |
| 080201 | all kinds of retail                      |  | 2 | 1 |   |   | 2 | 2 |   |   |   | 1 |   |   |   |   | 1 |   |   |   |   | 9  | all kinds of retail                      |
| 010901 | cement products                          |  |   | 1 | 1 | 1 | 1 |   |   |   |   | 1 |   | 1 |   |   |   | 1 |   |   |   | 7  | cement products                          |
| 130109 | other medical treatment<br>service       |  |   |   | 2 |   |   |   |   | 1 | 1 | 1 |   |   |   |   |   |   | 1 | 1 |   | 7  | other medical treatment<br>service       |
| 130201 | social welfare facility                  |  |   |   |   | 1 | 1 | 1 |   |   |   |   |   | 1 | 2 |   |   |   | 1 |   |   | 7  | social welfare facility                  |
| 011305 | other precision machine<br>products      |  |   | 1 |   |   |   |   |   | 1 |   |   |   |   |   |   | 1 | 1 | 2 |   |   | 6  | other precision machine<br>products      |
| 030110 | water supply/sewage<br>construction work |  |   |   |   | 1 |   |   | 1 |   |   | 1 |   | 1 |   | 2 |   |   |   |   |   | 6  | water supply/sewage<br>construction work |
| 150103 | other waste disposal service             |  | 1 |   |   |   |   | 2 | 1 |   |   | 1 | 1 |   |   |   |   |   |   |   |   | 6  | other waste disposal service             |

| 010106 | soft drinks  |  |   |   | 1 |   | 1 |   | 1 |   | 1 |   |   | 1 |   |   |   |   |   |   | 5 | soft drinks  |
|--------|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| 010899 | other chemical products                                      |  |   |   |   |   |   | 1 | 1 |   |   |   |   |   | 1 |   | 1 |   | 1 |   | 5 | other chemical products                                      |
| 011009 | other steel products   |  | 1 |   |   | 1 |   | 1 |   |   | 1 |   |   |   |   |   | 1 |   |   |   | 5 | other steel products   |
| 011403 | electronics equipment and<br>telecommunications<br>apparatus |  |   |   |   |   |   |   |   | 3 |   | 1 |   |   |   |   |   |   |   |   | 4 | electronics equipment and<br>telecommunications<br>apparatus |
| 011509 | other transport equipment<br>products                        |  | 2 |   | 1 |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   | 4 | other transport equipment products                           |
| 070101 | livestock  |  |   |   |   |   |   |   |   |   | 1 |   | 1 | 1 |   |   | 1 |   |   |   | 4 | livestock  |
| 080101 | all kinds of wholesale                                       |  | 1 |   |   |   |   | 1 | 1 |   |   |   |   |   |   |   | 1 |   |   |   | 4 | all kinds of wholesale                                       |
| 080401 | warehousing  |  |   |   |   |   |   |   | 1 |   |   | 1 |   |   |   | 1 |   |   | 1 |   | 4 | warehousing  |
| 140301 | golf course  |  |   |   |   |   |   |   |   |   | 1 |   | 1 |   |   |   |   | 1 |   | 1 | 4 | golf course  |
| 150109 | other cleaning and livestock<br>process service              |  |   |   |   |   | 3 |   |   |   |   |   |   |   |   |   |   |   | 1 |   | 4 | other cleaning and livestock process service                 |
| 010101 | meat/dairy products  |  |   |   | 1 | 1 |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   | 3 | meat/dairy products  |
| 010103 | agricultural food products                                   |  |   | 1 |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   | 1 |   | 3 | agricultural food products                                   |
| 010105 | alcoholic drinks   |  | 1 |   | 1 | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 | alcoholic drinks   |
| 010806 | rubber products  |  |   |   | 2 |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 | rubber products  |
| 011109 | other nonferrous metal<br>products                           |  | 1 |   | 1 |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 | other nonferrous metal<br>products                           |
| 011409 | other electrical equipment                                   |  |   |   |   |   |   | 1 | 1 |   |   |   |   |   | 1 |   |   |   |   |   | 3 | other electrical equipment                                   |
| 100102 | movie theatre  |  |   |   |   |   |   |   |   | 1 |   |   |   | 1 | 1 |   |   |   |   |   | 3 | movie theatre  |
| 120109 | other education/research<br>service                          |  | 1 | 1 | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 | other education/research<br>service                          |
| 010409 | other lumber and wood<br>products                            |  |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   | 2 | other lumber and wood<br>products                            |
| 010602 | paper processing products                                    |  |   | 1 |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   | 2 | paper processing products                                    |

| 010808 | painting products                          |  | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 | painting products                          |
|--------|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| 010909 | other sand and stone<br>products           |  | 1 |   |   |   | 1 |   |   |   |   |   |   |   |   |   | 2 | other sand and stone<br>products           |
| 011001 | steel/iron/rolling products                |  |   |   | 1 |   | 1 |   |   |   |   |   |   |   |   |   | 2 | steel/iron/rolling products                |
| 011002 | casting products                           |  |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   | 2 | casting products                           |
| 011201 | western tableware/cutting<br>tool products |  |   | 1 |   |   |   |   |   |   |   |   |   | 1 |   |   | 2 | western tableware/cutting<br>tool products |
| 011204 | metal plating products                     |  |   |   | 1 |   |   |   |   |   |   |   | 1 |   |   |   | 2 | metal plating products                     |
| 011402 | electrical appliance                       |  |   |   |   | 1 |   |   |   |   | 1 |   |   |   |   |   | 2 | electrical appliance                       |
| 011601 | electric utility service                   |  |   |   |   |   |   |   | 1 |   |   |   |   |   | 1 |   | 2 | electric utility service                   |
| 011703 | cleaning                                   |  |   |   |   | 1 |   |   |   |   |   |   |   | 1 |   |   | 2 | cleaning                                   |
| 040202 | bus service                                |  |   |   | 1 |   |   | 1 |   |   |   |   |   |   |   |   | 2 | bus service                                |
| 060101 | agriculture                                |  |   |   |   |   |   |   |   |   |   |   | 1 |   |   | 1 | 2 | agriculture                                |
| 130102 | general clinic                             |  |   |   |   |   |   |   |   | 1 |   |   |   |   |   | 1 | 2 | general clinic                             |
| 170201 | security service                           |  |   |   |   |   |   |   | 1 | 1 |   |   |   |   |   |   | 2 | security service                           |
| 010202 | cotton-spinning                            |  |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   | 1 | cotton-spinning                            |
| 010203 | weaving                                    |  |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   | 1 | weaving                                    |
| 010209 | other textile products                     |  |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   | 1 | other textile products                     |
| 010301 | over/under wear                            |  |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   | 1 | over/under wear                            |
| 010501 | wood furniture                             |  |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   | 1 | wood furniture                             |
| 010502 | metal furniture                            |  |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   | 1 | metal furniture                            |
| 010509 | other furniture                            |  |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   | 1 | other furniture                            |
| 010701 | printing service                           |  |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   | 1 | printing service                           |
| 010802 | chemical fiber                             |  |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   | 1 | chemical fiber                             |
| 010807 | leather products                           |  |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   | 1 | leather products                           |
| 011101 | nonferrous metals/rolling<br>products      |  |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   | 1 | nonferrous metals/rolling<br>products      |

| l      | L  | . <u> </u> | <br> | <br> | <u> </u> | <br> | <br> |   |   |   | <br> |   |   |  |   |   |  |
|--------|--|------------|------|------|----------|------|------|---|---|---|------|---|---|--|---|---|--|
| 011203 | metal press products                         |            |      |      |          |      | 1    |   |   |   |      |   |   |  |   | 1 | metal press products                         |
| 011401 | heavy electrical equipment                   |            |      |      |          |      |      |   |   | 1 |      |   |   |  |   | 1 | heavy electrical equipment                   |
| 011503 | railway vehicle products                     |            | 1    |      |          |      |      |   |   |   |      |   |   |  |   | 1 | railway vehicle products                     |
| 011609 |  |            |      |      |          |      |      |   |   |   |      |   |   |  | 1 | 1 | other electric/gas/water                     |
|        | service                                      |            |      |      |          |      |      |   |   |   |      |   |   |  |   |   | service                                      |
| 011704 | tobacco products                             |            | 1    |      |          |      |      |   |   |   |      |   |   |  |   | 1 | tobacco products                             |
| 020202 | gravel digging                               |            |      |      |          |      |      |   | 1 |   |      |   |   |  |   | 1 | gravel digging                               |
| 030104 | railway construction work                    |            |      |      |          |      |      |   |   |   |      | 1 |   |  |   | 1 | railway construction work                    |
| 030109 | land consolidation civil<br>engineering work |            |      |      |          |      |      |   |   |   |      |   | 1 |  |   | 1 | land consolidation civil<br>engineering work |
| 030301 | electricity/telecommunication<br>work        |            |      |      |          |      |      |   |   |   |      |   | 1 |  |   | 1 | electricity/telecommunication<br>work        |
| 040101 | railroad service                             |            |      |      |          |      |      |   |   |   | 1    |   |   |  |   | 1 | railroad service                             |
| 040102 | water transportation service                 |            |      |      |          |      |      |   |   |   | 1    |   |   |  |   | 1 | water transportation service                 |
| 040201 | taxi service                                 |            |      |      |          |      |      |   |   | 1 |      |   |   |  |   | 1 | taxi service                                 |
| 040409 | other transportation service                 |            |      |      |          |      |      |   |   |   |      |   |   |  | 1 | 1 | other transportation service                 |
| 070209 | other fishery                                |            |      |      |          |      | 1    |   |   |   |      |   |   |  |   | 1 | other fishery                                |
| 090101 | banking/trust business                       |            |      |      |          |      |      |   |   |   | 1    |   |   |  |   | 1 | banking/trust business                       |
| 090103 | insurance business                           |            |      |      |          |      |      | 1 |   |   |      |   |   |  |   | 1 | insurance business                           |
| 130309 | other health and hygiene<br>service          |            |      |      |          |      | 1    |   |   |   |      |   |   |  |   | 1 | other health and hygiene service             |
| 150105 | livestock process service                    |            | 1    |      |          |      |      |   |   |   |      |   |   |  |   | 1 | livestock process service                    |
| 170101 | dispatch service                             |            |      |      |          |      |      | 1 |   |   |      |   |   |  |   | 1 | dispatch service                             |
| 010201 | silk-reeling                                 |            |      |      |          |      |      |   |   |   |      |   |   |  |   |   | silk-reeling                                 |
| 010204 | dyeing                                       |            |      |      |          |      |      |   |   |   |      |   |   |  |   |   | dyeing                                       |
| 010309 | other fiber products                         |            |      |      |          |      |      |   |   |   |      |   |   |  |   |   | other fiber products                         |
|        |  |            |      |      |          |      |      |   |   |   |      |   |   |  |   |   |  |

| 010401 | lumbering                               |  |  |  |  |  |  |  |  |  | lumbering                               |
|--------|---|--|--|--|--|--|--|--|--|--|---|
| 010402 | plywood                                 |  |  |  |  |  |  |  |  |  | plywood                                 |
| 010503 | fittings                                |  |  |  |  |  |  |  |  |  | fittings                                |
| 010609 | other pulp/paper processing<br>products |  |  |  |  |  |  |  |  |  | other pulp/paper processing<br>products |
| 010702 | bookbinding                             |  |  |  |  |  |  |  |  |  | bookbinding                             |
| 010709 | other printing and<br>bookbinding       |  |  |  |  |  |  |  |  |  | other printing and<br>bookbinding       |
| 010804 | petroleum/coal products                 |  |  |  |  |  |  |  |  |  | petroleum/coal products                 |
| 010902 | glass products                          |  |  |  |  |  |  |  |  |  | glass products                          |
| 010903 | pottery products                        |  |  |  |  |  |  |  |  |  | pottery products                        |
| 010904 | fire resisting products                 |  |  |  |  |  |  |  |  |  | fire resisting products                 |
| 010905 | other ceramic products                  |  |  |  |  |  |  |  |  |  | other ceramic products                  |
| 011102 | nonferrous metals casting<br>products   |  |  |  |  |  |  |  |  |  | nonferrous metals casting<br>products   |
| 011202 | screw products                          |  |  |  |  |  |  |  |  |  | screw products                          |
| 011302 | measuring instruments                   |  |  |  |  |  |  |  |  |  | measuring instruments                   |
| 011303 | optical instruments                     |  |  |  |  |  |  |  |  |  | optical instruments                     |
| 011304 | watch products                          |  |  |  |  |  |  |  |  |  | watch products                          |
| 011603 | city water service                      |  |  |  |  |  |  |  |  |  | city water service                      |
| 020101 | general coal mining                     |  |  |  |  |  |  |  |  |  | general coal mining                     |
| 020109 | other coal mining                       |  |  |  |  |  |  |  |  |  | other coal mining                       |
| 020201 | quarrying                               |  |  |  |  |  |  |  |  |  | quarrying                               |
| 020209 | other quarrying                         |  |  |  |  |  |  |  |  |  | other quarrying                         |
| 020301 | metal mining                            |  |  |  |  |  |  |  |  |  | metal mining                            |
| 020302 | petroleum mining                        |  |  |  |  |  |  |  |  |  | petroleum mining                        |
| 020309 | other mining                            |  |  |  |  |  |  |  |  |  | other mining                            |

|        | <u> </u>   | <br> | <br> | <br> | <br> | <br> |  | <br> | <br> | <br> | <br>L | <u></u> I  |
|--------|--|------|------|------|------|------|--|------|------|------|-------|--|
| 030101 | hydroelectric plant<br>construction work           |      |      |      |      |      |  |      |      |      |       | hydroelectric plant<br>construction work           |
| 030102 | tunnel construction work                           |      |      |      |      |      |  |      |      |      |       | tunnel construction work                           |
| 030103 | subway construction work                           |      |      |      |      |      |  |      |      |      |       | subway construction work                           |
| 030105 | bridge construction work                           |      |      |      |      |      |  |      |      |      |       | bridge construction work                           |
| 030107 | river civil engineering work                       |      |      |      |      |      |  |      |      |      |       | river civil engineering work                       |
| 030108 | sand collapse prevention civil<br>engineering work |      |      |      |      |      |  |      |      |      |       | sand collapse prevention civil<br>engineering work |
| 040103 | airline service                                    |      |      |      |      |      |  |      |      |      |       | airline service                                    |
| 040209 | other passenger transport<br>service               |      |      |      |      |      |  |      |      |      |       | other passenger transport<br>service               |
| 040303 | cargo/ light automobile<br>transportation service  |      |      |      |      |      |  |      |      |      |       | cargo/ light automobile<br>transportation service  |
| 050201 | general harbor transportation<br>service           |      |      |      |      |      |  |      |      |      |       | general harbor transportation<br>service           |
| 050202 | port cargo handling service                        |      |      |      |      |      |  |      |      |      |       | port cargo handling service                        |
| 050209 | other harbor transportation<br>service             |      |      |      |      |      |  |      |      |      |       | other harbor transportation service                |
| 060201 | lumbering  |      |      |      |      |      |  |      |      |      |       | lumbering  |
| 060209 | other forestry                                     |      |      |      |      |      |  |      |      |      |       | other forestry                                     |
| 070201 | fishery  |      |      |      |      |      |  |      |      |      |       | fishery  |
| 080102 | furniture/fittings wholesale                       |      |      |      |      |      |  |      |      |      |       | furniture/fittings wholesale                       |
| 080203 | furniture/fittings retail                          |      |      |      |      |      |  |      |      |      |       | furniture/fittings retail                          |
| 080205 | newspaper retail                                   |      |      |      |      |      |  |      |      |      |       | newspaper retail                                   |
| 080301 | haircut  |      |      |      |      |      |  |      |      |      |       | haircut  |
| 090102 | stock/commodity trade<br>business                  |      |      |      |      |      |  |      |      |      |       | stock/commodity trade<br>business                  |

| 090109 | other financial business                 |  |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | other financial business              |
|--------|--|--|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|---------------------------------------|
| 090201 | traveling service                        |  |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | traveling service                     |
| 090209 | other advertisement and<br>mediator      |  |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | other advertisement and<br>mediator   |
| 100101 | movie production and<br>delivery service |  |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | movie production and delivery service |
| 110101 | telecommunication service                |  |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | telecommunication service             |
| 120101 | auto mobile practical training           |  |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | auto mobile practical training        |
| 120102 | software service                         |  |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | software service                      |
| 140302 | park and amusement park                  |  |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | park and amusement park               |
| 150104 | cremation service                        |  |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | cremation service                     |
| 160101 | public office                            |  |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | public office                         |
| 170202 | information processing<br>service        |  |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       | information processing<br>service     |
|        | total                                    |  | 117 | 105 | 76 | 63 | 76 | 82 | 71 | 54 | 61 | 75 | 59 | 63 | 47 | 65 | 49 | 55 | 38 | 41 | 57 | 1,254 | total                                 |

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

https://www.jisha.or.jp/english/statistics/202212\_03.html