

## code no.521 metal material as Causal (S) agents

## Fatal &amp; non-fatal accidents caused by metal material as Causal (S) agents in 1999-2021

| 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 |
|-----------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| 010101 meat/dairy products        |      |      | 2    |      | 9    |      | 6    | 5    | 10   | 7    | 9    | 9    | 8    | 8    | 5    | 5    | 9    | 5    | 5    | 7    | 7    | 5    | 7    | 128   |
| 010102 fishery products           |      |      | 6    |      | 17   |      | 9    | 9    | 7    | 5    | 7    | 3    | 8    | 10   | 5    | 5    | 4    | 7    | 2    | 11   | 3    | 4    | 3    | 125   |
| 010103 agricultural food products |      |      | 9    |      | 6    |      | 2    | 5    | 7    | 1    | 6    | 4    |      | 3    | 3    | 10   | 4    | 1    | 1    | 2    | 2    | 3    | 3    | 72    |
| 010104 bread/cake products        |      |      | 8    |      | 10   |      | 9    | 16   | 13   | 9    | 16   | 8    | 8    | 9    | 5    | 8    | 6    | 8    | 10   | 12   | 7    | 13   | 8    | 183   |
| 010105 alcoholic drinks           |      |      | 2    |      |      |      | 1    |      | 5    | 2    | 2    |      | 1    | 1    | 1    | 1    | 2    |      |      | 1    |      | 1    |      | 20    |
| 010106 soft drinks                |      |      | 4    |      |      |      |      | 2    |      | 1    | 1    |      | 1    | 1    | 1    | 1    |      | 2    |      | 2    |      |      | 2    | 18    |
| 010109 other foods                |      |      | 42   |      | 41   |      | 40   | 53   | 35   | 45   | 24   | 29   | 25   | 47   | 30   | 33   | 32   | 26   | 44   | 34   | 40   | 25   | 23   | 668   |
| 0101 food products                |      |      | 73   |      | 83   |      | 67   | 90   | 77   | 70   | 65   | 53   | 51   | 79   | 50   | 63   | 57   | 49   | 62   | 69   | 59   | 51   | 46   | 1,214 |
| 010201 silk-reeling               |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |
| 010202 cotton-spinning            |      |      |      |      | 1    |      |      |      |      | 1    | 2    |      |      |      |      |      | 1    |      |      | 1    |      |      |      | 6     |
| 010203 weaving                    |      |      | 4    |      | 1    |      | 1    | 3    | 3    | 1    | 3    | 1    | 1    | 2    |      |      | 1    |      | 2    | 1    | 1    | 3    | 3    | 31    |
| 010204 dyeing                     |      |      | 2    |      |      |      |      | 1    | 1    |      | 2    | 1    | 1    | 2    |      | 1    |      | 1    | 1    | 1    | 2    | 1    | 1    | 18    |
| 010209 other textile products     |      |      | 4    |      | 6    |      | 3    | 6    | 3    | 2    | 1    |      | 4    | 5    | 5    | 6    | 2    | 3    | 1    | 1    | 3    | 3    | 4    | 62    |
| 0102 textile products             |      |      | 10   |      | 8    |      | 4    | 10   | 7    | 4    | 8    | 2    | 6    | 9    | 5    | 7    | 4    | 4    | 4    | 4    | 6    | 7    | 8    | 117   |
| 010301 over/under wear            |      |      |      |      | 2    |      | 2    | 1    | 1    |      |      |      | 1    | 1    |      |      |      | 1    |      | 1    | 1    |      | 1    | 12    |
| 010309 other fiber products       |      |      | 8    |      | 2    |      | 1    | 4    | 2    | 3    |      | 4    | 1    | 4    | 1    | 4    |      | 3    | 2    |      | 1    | 2    |      | 42    |
| 0103 fiber products               |      |      | 8    |      | 4    |      | 3    | 5    | 3    | 3    |      | 4    | 2    | 5    | 1    | 4    |      | 4    | 2    | 1    | 2    | 2    | 1    | 54    |
| 010401 lumbering                  |      |      | 24   |      | 12   |      | 14   | 12   | 13   | 2    | 3    | 4    | 6    | 4    | 5    | 7    | 3    | 4    | 5    | 4    | 6    | 4    | 3    | 135   |





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|--|--|--|-------|--|-------|--|-------|-------|-------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| products                                       |  |  | 63    |  | 55    |  | 43    | 45    | 64    | 42    | 25  | 36  | 39  | 27  | 19  | 37  | 21  | 18  | 30  | 41  | 21  | 20  | 33  | 679    |
| 011002 casting products                        |  |  | 106   |  | 75    |  | 97    | 94    | 99    | 102   | 44  | 73  | 62  | 73  | 63  | 66  | 50  | 51  | 42  | 55  | 55  | 49  | 49  | 1,305  |
| 011009 other steel products                    |  |  | 98    |  | 73    |  | 60    | 65    | 68    | 64    | 39  | 55  | 46  | 42  | 46  | 38  | 33  | 38  | 32  | 33  | 39  | 27  | 39  | 935    |
| 0110 steel making                              |  |  | 267   |  | 203   |  | 200   | 204   | 231   | 208   | 108 | 164 | 147 | 142 | 128 | 141 | 104 | 107 | 104 | 129 | 115 | 96  | 121 | 2,919  |
| 011101 nonferrous metals/rolling products      |  |  | 24    |  | 19    |  | 19    | 28    | 26    | 17    | 17  | 23  | 14  | 12  | 11  | 6   | 17  | 12  | 11  | 18  | 9   | 8   | 17  | 308    |
| 011102 nonferrous metals casting products      |  |  | 29    |  | 16    |  | 27    | 26    | 28    | 19    | 11  | 22  | 26  | 14  | 18  | 16  | 15  | 21  | 13  | 20  | 12  | 8   | 13  | 354    |
| 011109 other nonferrous metal products         |  |  | 27    |  | 21    |  | 28    | 27    | 23    | 19    | 14  | 16  | 14  | 13  | 20  | 12  | 13  | 16  | 9   | 11  | 7   | 13  | 11  | 314    |
| 0111 nonferrous metal making                   |  |  | 80    |  | 56    |  | 74    | 81    | 77    | 55    | 42  | 61  | 54  | 39  | 49  | 34  | 45  | 49  | 33  | 49  | 28  | 29  | 41  | 976    |
| 011201 western tableware/cutting tool products |  |  | 18    |  | 11    |  | 11    | 5     | 10    | 11    | 9   | 5   | 4   | 3   | 4   | 9   | 4   | 2   | 5   |     | 5   | 3   | 2   | 121    |
| 011202 screw products                          |  |  | 15    |  | 13    |  | 8     | 15    | 9     | 13    | 4   | 8   | 4   | 9   | 6   | 1   | 5   | 5   | 8   | 6   | 6   | 3   | 4   | 142    |
| 011203 metal press products                    |  |  | 113   |  | 85    |  | 104   | 101   | 108   | 79    | 65  | 73  | 57  | 54  | 60  | 59  | 55  | 56  | 71  | 70  | 74  | 59  | 42  | 1,385  |
| 011204 metal plating products                  |  |  | 42    |  | 31    |  | 40    | 44    | 34    | 40    | 17  | 29  | 30  | 28  | 26  | 31  | 23  | 23  | 34  | 24  | 24  | 23  | 21  | 564    |
| 011209 other metal products                    |  |  | 1,568 |  | 1,292 |  | 1,183 | 1,193 | 1,152 | 1,116 | 880 | 774 | 775 | 805 | 745 | 783 | 745 | 741 | 746 | 774 | 632 | 612 | 612 | 17,128 |
| 0112 metal products                            |  |  | 1,756 |  | 1,432 |  | 1,346 | 1,358 | 1,313 | 1,259 | 975 | 889 | 870 | 899 | 841 | 883 | 832 | 827 | 864 | 874 | 741 | 700 | 681 | 19,340 |
| 011301 machine products                        |  |  | 393   |  | 339   |  | 344   | 351   | 343   | 282   | 229 | 201 | 221 | 222 | 207 | 231 | 198 | 200 | 200 | 171 | 190 | 145 | 175 | 4,642  |
| 011302 measuring                               |  |  | 6     |  | 2     |  | 9     | 4     | 5     | 7     | 4   | 5   | 5   | 2   | 2   | 2   | 2   | 1   | 4   | 2   | 1   | 3   | 3   | 69     |

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|---|--|--|-----|--|-----|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|-------|----|--|
| instruments   |  |  |     |  |     |  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |  |       |    |  |
| 011303 optical instruments                                    |  |  | 3   |  | 2   |  | 1   | 4   | 2   | 1   |     | 3   | 4   | 3   | 1   | 1   | 3   | 1   | 2   | 2   | 2   | 1   | 1   |  |       | 37 |  |
| 011304 watch products   |  |  | 2   |  |     |  | 1   |     | 1   | 1   |     | 1   |     |     |     | 3   |     |     |     |     |     |     |     |  |       | 9  |  |
| 011305 other precision machine products                       |  |  | 49  |  | 37  |  | 35  | 32  | 25  | 38  | 15  | 15  | 21  | 21  | 12  | 14  | 14  | 23  | 14  | 15  | 12  | 12  | 15  |  | 419   |    |  |
| 0113 machine products   |  |  | 453 |  | 380 |  | 390 | 391 | 376 | 329 | 248 | 225 | 251 | 248 | 222 | 251 | 217 | 225 | 220 | 190 | 205 | 161 | 194 |  | 5,176 |    |  |
| 011401 heavy electrical equipment                             |  |  | 12  |  | 12  |  | 16  | 11  | 13  | 10  | 8   | 7   | 4   | 12  | 8   | 9   | 6   | 10  | 6   | 13  | 9   | 11  | 4   |  | 181   |    |  |
| 011402 electrical appliance                                   |  |  | 12  |  | 10  |  | 8   | 9   | 20  | 11  | 8   | 9   | 9   | 6   | 7   | 8   | 7   | 11  | 6   | 7   | 3   | 4   | 4   |  | 159   |    |  |
| 011403 electronics equipment and telecommunications apparatus |  |  | 25  |  | 21  |  | 25  | 12  | 20  | 15  | 12  | 13  | 8   | 12  | 9   | 6   | 11  | 13  | 7   | 12  | 14  | 10  | 11  |  | 256   |    |  |
| 011409 other electrical equipment                             |  |  | 41  |  | 41  |  | 41  | 42  | 36  | 46  | 26  | 30  | 34  | 24  | 25  | 26  | 18  | 19  | 31  | 27  | 32  | 19  | 17  |  | 575   |    |  |
| 0114 electrical equipment products                            |  |  | 90  |  | 84  |  | 90  | 74  | 89  | 82  | 54  | 59  | 55  | 54  | 49  | 49  | 42  | 53  | 50  | 59  | 58  | 44  | 36  |  | 1,171 |    |  |
| 011501 ship building  |  |  | 85  |  | 79  |  | 86  | 113 | 119 | 99  | 79  | 78  | 58  | 61  | 51  | 52  | 76  | 74  | 67  | 53  | 44  | 39  | 40  |  | 1,353 |    |  |
| 011502 auto mobile products                                   |  |  | 163 |  | 153 |  | 188 | 183 | 168 | 149 | 92  | 107 | 92  | 103 | 99  | 107 | 102 | 101 | 100 | 96  | 121 | 74  | 100 |  | 2,298 |    |  |
| 011503 railway vehicle products                               |  |  | 5   |  | 9   |  | 7   | 6   | 5   | 8   | 6   | 2   | 4   | 3   | 3   | 2   | 4   | 3   | 3   |     | 5   | 4   | 4   |  | 83    |    |  |
| 011509 other transport equipment products                     |  |  | 38  |  | 47  |  | 39  | 39  | 43  | 34  | 22  | 19  | 34  | 19  | 20  | 23  | 15  | 25  | 30  | 24  | 34  | 20  | 16  |  | 541   |    |  |
| 0115 transport equipment                                      |  |  | 291 |  | 288 |  | 320 | 341 | 335 | 290 | 199 | 206 | 188 | 186 | 173 | 184 | 197 | 203 | 200 | 173 | 204 | 137 | 160 |  | 4,275 |    |  |

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|---|--|--|-------|--|-------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| products                                |  |  |       |  |       |  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |
| 011601 electric utility service         |  |  | 1     |  |       |  |       | 2     | 1     |       |       | 1     | 1     |       |       |       |       |       |       |       | 2     |       | 8     |        |
| 011602 city gas service                 |  |  | 2     |  | 1     |  |       | 1     |       |       |       |       |       | 1     |       |       |       |       |       | 1     |       | 1     | 7     |        |
| 011603 city water service               |  |  | 2     |  | 2     |  | 1     | 1     | 1     | 2     | 1     | 3     | 1     | 2     | 1     |       | 2     | 1     |       | 1     | 2     |       | 23    |        |
| 011609 other electric/gas/water service |  |  |       |  |       |  | 1     |       | 1     |       | 1     |       |       |       |       |       |       | 1     |       |       |       |       | 4     |        |
| 0116 electric/gas/water service         |  |  | 5     |  | 3     |  | 2     | 1     | 5     | 3     | 2     | 3     | 2     | 3     | 2     |       | 2     | 1     | 1     | 1     | 3     | 2     | 1     | 42     |
| 011701 auto mobile servicing            |  |  | 65    |  | 43    |  | 50    | 40    | 41    | 34    | 37    | 29    | 24    | 43    | 31    | 24    | 25    | 21    | 32    | 32    | 27    | 27    | 29    | 654    |
| 011702 machine repair                   |  |  | 39    |  | 31    |  | 37    | 20    | 24    | 31    | 24    | 17    | 17    | 24    | 13    | 17    | 13    | 9     | 11    | 13    | 10    | 18    | 6     | 374    |
| 011703 cleaning                         |  |  | 6     |  | 2     |  |       | 3     | 3     | 5     | 2     |       | 2     | 1     | 4     | 1     | 5     | 2     |       | 1     |       | 1     | 1     | 39     |
| 011704 tobacco products                 |  |  | 2     |  | 1     |  |       |       |       |       |       | 1     |       |       |       |       |       |       |       |       |       |       |       | 4      |
| 011709 other manufacturing              |  |  | 65    |  | 39    |  | 64    | 53    | 61    | 41    | 38    | 28    | 41    | 37    | 29    | 30    | 39    | 26    | 28    | 28    | 37    | 29    | 34    | 747    |
| 0117 other manufacturing                |  |  | 177   |  | 116   |  | 151   | 116   | 129   | 111   | 101   | 75    | 84    | 105   | 77    | 72    | 82    | 58    | 71    | 74    | 74    | 75    | 70    | 1,818  |
| 01 manufacturing                        |  |  | 3,503 |  | 2,899 |  | 2,841 | 2,894 | 2,867 | 2,573 | 1,946 | 1,894 | 1,851 | 1,922 | 1,736 | 1,842 | 1,716 | 1,702 | 1,730 | 1,736 | 1,607 | 1,432 | 1,468 | 40,159 |
| 020101 general coal mining              |  |  | 9     |  |       |  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 9      |
| 020109 other coal mining                |  |  | 1     |  |       |  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 1      |
| 0201 coal mining                        |  |  | 10    |  |       |  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 10     |
| 020201 quarrying                        |  |  | 5     |  | 3     |  | 7     | 11    | 6     | 5     |       | 5     | 5     | 5     | 2     | 5     | 4     | 3     | 3     | 2     | 2     | 2     | 4     | 79     |
| 020202 gravel digging                   |  |  | 3     |  | 8     |  | 6     | 2     | 3     | 5     |       | 3     | 1     | 1     | 2     | 2     | 1     | 2     | 3     | 7     | 1     | 1     | 2     | 53     |
| 020209 other quarrying                  |  |  |       |  | 1     |  | 1     | 3     |       | 1     | 2     |       |       |       |       |       |       |       |       |       |       |       | 2     | 10     |
| 0202 quarrying                          |  |  | 8     |  | 12    |  | 14    | 16    | 9     | 11    | 2     | 8     | 6     | 6     | 4     | 7     | 5     | 5     | 6     | 9     | 3     | 3     | 8     | 142    |
| 020301 metal mining                     |  |  |       |  |       |  |       |       | 1     |       |       |       |       |       |       |       |       |       |       |       | 1     |       |       | 2      |

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|--|--|--|-----|--|----|--|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 020302 petroleum mining                                |  |  |     |  |    |  |    | 1  |    |    |    |    |    | 1  |    |    |    |    |    |    |    |    | 2  |     |
| 020309 other mining                                    |  |  | 1   |  |    |  | 1  |    | 1  | 2  |    |    |    |    |    |    | 1  |    |    | 1  |    | 1  | 8  |     |
| 0203 other mining                                      |  |  | 1   |  |    |  | 1  | 2  | 1  | 2  |    |    | 1  |    |    |    | 1  |    |    | 2  |    | 1  | 12 |     |
| 02 mining  |  |  | 19  |  | 12 |  | 14 | 17 | 11 | 12 | 4  | 8  | 6  | 7  | 4  | 7  | 5  | 6  | 6  | 9  | 5  | 3  | 9  | 164 |
| 030101 hydroelectric plant construction work           |  |  | 1   |  | 1  |  | 4  | 1  | 2  |    | 1  |    |    |    | 2  | 1  | 3  | 1  | 1  | 1  | 2  | 1  |    | 22  |
| 030102 tunnel construction work                        |  |  | 9   |  | 8  |  | 11 | 5  | 4  | 6  | 2  | 1  | 3  | 2  | 4  | 4  | 4  | 3  | 5  | 7  | 6  | 6  | 3  | 93  |
| 030103 subway construction work                        |  |  | 3   |  |    |  | 1  | 1  |    |    | 2  | 2  | 1  |    | 1  |    |    |    |    | 1  |    |    |    | 12  |
| 030104 railway construction work                       |  |  | 10  |  | 9  |  | 13 | 9  | 10 | 12 | 5  | 12 | 9  | 5  | 4  | 6  | 5  | 9  | 12 | 8  | 10 | 4  | 11 | 163 |
| 030105 bridge construction work                        |  |  | 27  |  | 18 |  | 25 | 16 | 21 | 15 | 15 | 12 | 13 | 11 | 5  | 10 | 9  | 9  | 17 | 11 | 9  | 12 | 7  | 262 |
| 030106 road construction work                          |  |  | 99  |  | 58 |  | 51 | 48 | 37 | 40 | 40 | 36 | 40 | 31 | 30 | 17 | 30 | 35 | 30 | 35 | 34 | 30 | 29 | 750 |
| 030107 river civil engineering work                    |  |  | 19  |  | 16 |  | 16 | 13 | 13 | 11 | 17 | 7  | 11 | 9  | 5  | 10 | 10 | 5  | 4  | 7  | 6  | 8  | 6  | 193 |
| 030108 sand collapse prevention civil engineering work |  |  | 12  |  | 11 |  | 6  | 5  | 4  | 7  | 2  | 7  | 2  | 6  | 2  | 1  | 1  | 1  | 2  | 2  | 3  | 2  | 2  | 78  |
| 030109 land consolidation civil engineering work       |  |  | 41  |  | 20 |  | 28 | 27 | 27 | 16 | 19 | 16 | 15 | 12 | 18 | 13 | 12 | 17 | 15 | 13 | 17 | 9  | 11 | 346 |
| 030110 water supply/sewage                             |  |  | 100 |  | 73 |  | 66 | 52 | 34 | 37 | 29 | 32 | 27 | 37 | 23 | 31 | 29 | 21 | 17 | 20 | 17 | 14 | 15 | 674 |

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|--|--|--|-------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|--|--|--|
| construction work  |  |  |       |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |  |  |  |
| 030111 port/seaside<br>construction work                             |  |  | 16    | 14    | 7   | 7   | 8   | 6   | 5   | 5   | 4   | 3   | 4   | 7   | 4   | 4   | 4   | 6   | 5   | 6   | 4   | 119    |  |  |  |
| 030199 other civil<br>engineering work                               |  |  | 227   | 199   | 168 | 156 | 169 | 135 | 120 | 139 | 131 | 112 | 107 | 104 | 104 | 83  | 102 | 92  | 86  | 83  | 85  | 2,402  |  |  |  |
| 0301 civil engineering work  |  |  | 564   | 427   | 396 | 340 | 329 | 285 | 257 | 269 | 256 | 228 | 205 | 204 | 211 | 188 | 209 | 203 | 195 | 175 | 173 | 5,114  |  |  |  |
| 030201 steel<br>frame/reinforced concrete<br>house construction work |  |  | 464   | 397   | 401 | 370 | 356 | 317 | 230 | 190 | 239 | 261 | 266 | 275 | 236 | 203 | 237 | 204 | 181 | 197 | 161 | 5,185  |  |  |  |
| 030202 wooden house<br>construction work                             |  |  | 223   | 178   | 166 | 162 | 147 | 120 | 105 | 118 | 103 | 112 | 128 | 123 | 113 | 91  | 93  | 94  | 97  | 90  | 89  | 2,352  |  |  |  |
| 030203 building facility<br>construction work                        |  |  | 84    | 83    | 66  | 79  | 66  | 52  | 40  | 40  | 48  | 45  | 48  | 56  | 47  | 30  | 36  | 34  | 47  | 29  | 33  | 963    |  |  |  |
| 030209 other building<br>construction work                           |  |  | 317   | 370   | 322 | 371 | 323 | 292 | 265 | 253 | 242 | 272 | 269 | 256 | 221 | 229 | 232 | 227 | 235 | 237 | 244 | 5,177  |  |  |  |
| 0302 construction work   |  |  | 1,088 | 1,028 | 955 | 982 | 892 | 781 | 640 | 601 | 632 | 690 | 711 | 710 | 617 | 553 | 598 | 559 | 560 | 553 | 527 | 13,677 |  |  |  |
| 030301<br>electricity/telecommunication<br>work                      |  |  | 39    | 22    | 16  | 20  | 28  | 32  | 29  | 26  | 25  | 22  | 14  | 20  | 18  | 20  | 19  | 22  | 18  | 19  | 16  | 425    |  |  |  |
| 030302 machinery/apparatus<br>setting work                           |  |  | 72    | 53    | 47  | 54  | 54  | 72  | 44  | 51  | 44  | 50  | 44  | 35  | 39  | 26  | 44  | 45  | 37  | 43  | 33  | 887    |  |  |  |
| 030309 other construction<br>works                                   |  |  | 161   | 134   | 136 | 137 | 136 | 107 | 93  | 112 | 109 | 97  | 111 | 111 | 122 | 112 | 117 | 138 | 137 | 123 | 134 | 2,327  |  |  |  |
| 0303 other construction  |  |  | 272   | 209   | 199 | 211 | 218 | 211 | 166 | 189 | 178 | 169 | 169 | 166 | 179 | 158 | 180 | 205 | 192 | 185 | 183 | 3,639  |  |  |  |



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|---|--|--|-------|--|-------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|-----|-----|-----|-----|--------|
| works   |  |  |       |  |       |  |       |       |       |       |       |       |       |       |       |       |       |     |     |     |     |     |     |        |
| 03 construction                                       |  |  | 1,924 |  | 1,664 |  | 1,550 | 1,533 | 1,439 | 1,277 | 1,063 | 1,059 | 1,066 | 1,087 | 1,085 | 1,080 | 1,007 | 899 | 987 | 967 | 947 | 913 | 883 | 22,430 |
| 040101 railroad service                               |  |  | 4     |  | 5     |  | 5     | 3     | 2     | 2     | 1     | 3     | 5     | 2     | 1     | 2     | 4     | 2   | 2   | 3   | 1   | 6   | 4   | 57     |
| 040102 water transportation service                   |  |  |       |  |       |  | 1     | 1     | 1     |       |       | 2     | 1     |       |       |       | 2     | 2   | 1   |     | 1   | 1   |     | 13     |
| 040103 airline service                                |  |  |       |  |       |  |       |       | 1     | 1     |       |       | 1     | 2     |       |       |       | 1   |     |     |     |     |     | 6      |
| 0401 railroad/water transportation/airline service    |  |  | 4     |  | 5     |  | 6     | 4     | 4     | 3     | 1     | 5     | 7     | 4     | 1     | 2     | 6     | 5   | 3   | 3   | 2   | 7   | 4   | 76     |
| 040201 taxi service                                   |  |  | 4     |  | 2     |  | 3     | 2     | 1     | 2     | 2     | 4     | 6     | 5     |       | 1     | 2     | 2   | 1   | 1   | 1   | 1   | 1   | 41     |
| 040202 bus service                                    |  |  | 6     |  | 5     |  | 2     | 6     | 1     | 3     | 4     | 4     | 3     | 5     | 1     | 5     | 3     | 1   | 2   | 2   | 2   | 2   | 4   | 61     |
| 040209 other passenger transport service              |  |  |       |  |       |  |       |       |       |       |       |       |       |       |       | 2     |       |     |     |     |     |     |     | 2      |
| 0402 road passenger transport service                 |  |  | 10    |  | 7     |  | 5     | 8     | 2     | 5     | 6     | 8     | 9     | 10    | 1     | 8     | 5     | 3   | 3   | 3   | 3   | 3   | 5   | 104    |
| 040301 general truck transportation service           |  |  | 463   |  | 377   |  | 346   | 346   | 334   | 320   | 250   | 236   | 226   | 233   | 272   | 249   | 222   | 221 | 243 | 241 | 215 | 173 | 181 | 5,148  |
| 040302 specific truck transportation service          |  |  | 10    |  | 17    |  | 17    | 13    | 9     | 4     | 8     | 4     | 3     | 6     | 6     | 9     | 5     | 4   | 3   | 9   | 5   | 8   | 3   | 143    |
| 040303 cargo/ light automobile transportation service |  |  | 2     |  | 1     |  | 2     | 2     | 4     | 1     | 1     | 4     |       | 1     |       | 1     | 1     | 1   | 1   |     | 1   |     | 1   | 24     |
| 040309 other land cargo transportation service        |  |  | 16    |  | 16    |  | 19    | 21    | 17    | 6     | 5     | 5     | 5     | 9     | 10    | 7     | 5     | 5   | 6   | 6   | 6   | 5   | 4   | 173    |
| 0403 road cargo                                       |  |  | 491   |  | 411   |  | 384   | 382   | 364   | 331   | 264   | 249   | 234   | 249   | 288   | 266   | 233   | 231 | 253 | 256 | 227 | 186 | 189 | 5,488  |

|  |  |  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |  |       |    |  |
|--|--|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|-------|----|--|
| transportation service                       |  |  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |  |       |    |  |
| 040409 other transportation service          |  |  | 2   | 3   | 1   | 1   | 4   | 1   | 2   | 1   | 1   |     | 1   | 3   | 2   | 2   | 1   | 1   | 1   |     |     |  |       | 27 |  |
| 0404 other transportation service            |  |  | 2   | 3   | 1   | 1   | 4   | 1   | 2   | 1   | 1   |     | 1   | 3   | 2   | 2   | 1   | 1   | 1   |     |     |  |       | 27 |  |
| 04 transportation service                    |  |  | 507 | 426 | 396 | 395 | 374 | 340 | 273 | 263 | 251 | 263 | 291 | 279 | 246 | 241 | 260 | 263 | 233 | 196 | 198 |  | 5,695 |    |  |
| 050101 land cargo handling service           |  |  | 44  | 33  | 24  | 35  | 34  | 32  | 18  | 20  | 20  | 17  | 18  | 19  | 20  | 25  | 24  | 19  | 26  | 15  | 21  |  | 464   |    |  |
| 0501 land cargo handling service             |  |  | 44  | 33  | 24  | 35  | 34  | 32  | 18  | 20  | 20  | 17  | 18  | 19  | 20  | 25  | 24  | 19  | 26  | 15  | 21  |  | 464   |    |  |
| 050201 general harbor transportation service |  |  | 7   | 8   | 7   | 3   | 7   | 3   | 5   | 1   | 5   | 5   | 4   | 4   | 2   | 7   | 5   | 3   | 12  | 1   | 1   |  | 90    |    |  |
| 050202 port cargo handling service           |  |  | 18  | 30  | 34  | 23  | 30  | 24  | 12  | 19  | 18  | 9   | 15  | 21  | 15  | 13  | 14  | 13  | 18  | 12  | 13  |  | 351   |    |  |
| 050209 other harbor transportation service   |  |  | 3   | 1   | 1   |     | 1   | 2   | 2   | 3   | 1   | 2   | 1   | 1   |     |     |     | 1   | 1   | 1   |     |  | 21    |    |  |
| 0502 port cargo transportation service       |  |  | 28  | 39  | 42  | 26  | 37  | 28  | 19  | 22  | 26  | 15  | 21  | 26  | 18  | 20  | 19  | 16  | 31  | 14  | 15  |  | 462   |    |  |
| 05 cargo handling service                    |  |  | 72  | 72  | 66  | 61  | 71  | 60  | 37  | 42  | 46  | 32  | 39  | 45  | 38  | 45  | 43  | 35  | 57  | 29  | 36  |  | 926   |    |  |
| 060101 agriculture                           |  |  | 8   | 10  | 6   | 13  | 7   | 10  | 5   | 7   | 11  | 13  | 9   | 7   | 6   | 10  | 14  | 13  | 12  | 14  | 22  |  | 197   |    |  |
| 0601 agriculture                             |  |  | 8   | 10  | 6   | 13  | 7   | 10  | 5   | 7   | 11  | 13  | 9   | 7   | 6   | 10  | 14  | 13  | 12  | 14  | 22  |  | 197   |    |  |
| 060201 lumbering                             |  |  | 4   | 2   | 5   | 6   | 8   | 2   | 6   | 3   | 3   | 3   | 2   | 2   | 4   | 4   | 1   |     | 1   | 4   | 4   |  | 64    |    |  |
| 060209 other forestry                        |  |  | 7   | 8   | 4   | 2   | 5   | 3   | 4   | 3   | 6   | 6   | 5   |     | 1   | 5   | 1   | 1   | 2   |     | 1   |  | 64    |    |  |
| 0602 forestry                                |  |  | 11  | 10  | 9   | 8   | 13  | 5   | 10  | 6   | 9   | 9   | 7   | 2   | 5   | 9   | 2   | 1   | 3   | 4   | 5   |  | 128   |    |  |

|  |  |  |     |  |     |  |     |     |     |     |    |     |    |     |    |     |    |     |     |     |     |     |     |       |
|--|--|--|-----|--|-----|--|-----|-----|-----|-----|----|-----|----|-----|----|-----|----|-----|-----|-----|-----|-----|-----|-------|
| 06 agriculture                         |  |  | 19  |  | 20  |  | 15  | 21  | 20  | 15  | 15 | 13  | 20 | 22  | 16 | 9   | 11 | 19  | 16  | 14  | 15  | 18  | 27  | 325   |
| 070101 livestock                       |  |  | 14  |  | 13  |  | 14  | 13  | 14  | 9   | 12 | 19  | 7  | 9   | 4  | 9   | 7  | 4   | 5   | 9   | 6   | 9   | 12  | 189   |
| 0701 livestock                         |  |  | 14  |  | 13  |  | 14  | 13  | 14  | 9   | 12 | 19  | 7  | 9   | 4  | 9   | 7  | 4   | 5   | 9   | 6   | 9   | 12  | 189   |
| 070201 fishery                         |  |  | 3   |  | 7   |  | 3   | 3   | 8   | 4   | 4  | 5   | 6  | 2   | 2  | 2   | 5  | 1   | 5   | 1   | 4   | 3   | 4   | 72    |
| 070209 other fishery                   |  |  | 2   |  | 4   |  | 3   | 5   | 3   | 5   | 2  | 1   | 3  | 1   | 1  | 5   |    | 6   | 2   | 3   | 2   | 4   |     | 52    |
| 0702 fishery                           |  |  | 5   |  | 11  |  | 6   | 8   | 11  | 9   | 6  | 6   | 9  | 3   | 3  | 7   | 5  | 7   | 7   | 4   | 6   | 7   | 4   | 124   |
| 07 livestock/fishery                   |  |  | 19  |  | 24  |  | 20  | 21  | 25  | 18  | 18 | 25  | 16 | 12  | 7  | 16  | 12 | 11  | 12  | 13  | 12  | 16  | 16  | 313   |
| 080101 all kinds of wholesale          |  |  | 16  |  | 7   |  | 5   | 10  | 9   | 6   | 5  | 2   | 1  | 1   | 2  | 1   | 3  | 3   | 3   | 3   | 1   | 1   | 4   | 83    |
| 080102 furniture/fittings<br>wholesale |  |  | 3   |  | 1   |  | 2   | 4   |     | 3   | 1  | 1   | 1  | 1   | 2  |     | 1  |     |     | 1   |     |     | 1   | 22    |
| 080109 other wholesale                 |  |  | 73  |  | 98  |  | 81  | 95  | 88  | 80  | 55 | 62  | 71 | 66  | 76 | 71  | 77 | 75  | 81  | 89  | 79  | 82  | 91  | 1,490 |
| 0801 wholesale                         |  |  | 92  |  | 106 |  | 88  | 109 | 97  | 89  | 61 | 65  | 73 | 68  | 80 | 72  | 81 | 78  | 84  | 93  | 80  | 83  | 96  | 1,595 |
| 080201 all kinds of retail             |  |  | 51  |  | 27  |  | 37  | 30  | 27  | 18  | 20 | 19  | 11 | 15  | 12 | 17  | 11 | 21  | 16  | 18  | 11  | 6   | 10  | 377   |
| 080202 auto mobile retail              |  |  | 7   |  | 9   |  | 12  | 8   | 9   | 13  | 7  | 9   | 6  | 8   | 12 | 5   | 4  | 14  | 8   | 4   | 5   | 7   | 9   | 156   |
| 080203 furniture/fittings<br>retail    |  |  | 5   |  | 3   |  | 3   | 3   |     | 4   | 3  |     | 4  | 2   | 1  | 4   | 2  | 2   | 4   | 2   | 3   | 3   | 2   | 50    |
| 080204 fuel retail                     |  |  | 10  |  | 10  |  | 10  | 6   | 3   | 7   | 4  | 5   | 3  | 3   | 2  | 5   |    | 6   | 4   | 3   | 3   | 5   | 4   | 93    |
| 080205 newspaper retail                |  |  | 3   |  | 3   |  | 5   | 4   | 3   | 2   |    | 4   | 1  | 1   | 4  | 4   | 3  | 4   | 4   | 2   | 1   |     | 1   | 49    |
| 080209 other retails                   |  |  | 100 |  | 77  |  | 105 | 89  | 79  | 83  | 48 | 77  | 62 | 85  | 67 | 85  | 57 | 66  | 74  | 71  | 79  | 91  | 78  | 1,473 |
| 0802 retail                            |  |  | 176 |  | 129 |  | 172 | 140 | 121 | 127 | 82 | 114 | 87 | 114 | 98 | 120 | 77 | 113 | 110 | 100 | 102 | 112 | 104 | 2,198 |
| 080301 haircut                         |  |  |     |  |     |  |     |     |     |     |    |     |    |     |    |     |    |     |     |     |     |     |     |       |
| 080302 beauty salon                    |  |  |     |  | 1   |  | 1   |     |     | 1   |    |     |    |     |    |     |    | 1   |     |     |     |     |     | 4     |
| 0803 haircut/beauty salon              |  |  |     |  | 1   |  | 1   |     |     | 1   |    |     |    |     |    |     |    | 1   |     |     |     |     |     | 4     |

|  |  |  |     |  |     |  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |
|--|--|--|-----|--|-----|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 080401 warehousing                           |  |  | 17  |  | 12  |  | 9   | 11  | 16  | 5   | 4   | 8   | 4   | 10  | 7   | 14  | 14  | 2   | 9   | 13  | 6   | 4   | 11  | 176   |
| 080409 other commerce                        |  |  | 38  |  | 40  |  | 31  | 40  | 39  | 29  | 42  | 35  | 32  | 48  | 31  | 37  | 31  | 34  | 37  | 39  | 27  | 18  | 28  | 656   |
| 0804 other commerce                          |  |  | 55  |  | 52  |  | 40  | 51  | 55  | 34  | 46  | 43  | 36  | 58  | 38  | 51  | 45  | 36  | 46  | 52  | 33  | 22  | 39  | 832   |
| 08 commerce                                  |  |  | 323 |  | 288 |  | 301 | 300 | 273 | 251 | 189 | 222 | 196 | 240 | 216 | 243 | 203 | 228 | 240 | 245 | 215 | 217 | 239 | 4,629 |
| 090101 banking/trust business                |  |  | 2   |  |     |  |     |     |     | 1   |     |     | 1   |     | 1   |     |     |     |     |     |     |     |     | 5     |
| 090102 stock/commodity trade business        |  |  |     |  |     |  |     | 1   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1     |
| 090103 insurance business                    |  |  | 1   |  | 2   |  | 2   |     |     |     |     | 1   | 2   |     | 2   |     |     |     | 2   |     |     |     |     | 12    |
| 090109 other financial business              |  |  |     |  |     |  |     |     |     |     |     |     | 1   |     |     |     |     |     |     |     |     |     | 1   | 2     |
| 0901 financial business                      |  |  | 3   |  | 2   |  | 2   | 1   |     | 1   |     | 1   | 4   |     | 3   |     |     |     | 2   |     |     |     | 1   | 20    |
| 090201 traveling service                     |  |  | 1   |  |     |  |     |     |     |     |     |     |     |     |     |     |     | 1   |     |     |     |     |     | 2     |
| 090209 other advertisement and mediator      |  |  | 2   |  | 1   |  | 4   | 3   | 4   | 3   |     | 1   | 1   | 1   |     | 3   | 1   | 1   | 2   |     |     |     | 1   | 28    |
| 0902 advertisement and mediator              |  |  | 3   |  | 1   |  | 4   | 3   | 4   | 3   |     | 1   | 1   | 1   |     | 3   | 1   | 2   | 2   |     |     |     | 1   | 30    |
| 09 financial business/advertisement          |  |  | 6   |  | 3   |  | 6   | 4   | 4   | 4   |     | 2   | 5   | 1   | 3   | 3   | 1   | 2   | 4   |     |     |     | 2   | 50    |
| 100101 movie production and delivery service |  |  | 2   |  | 1   |  |     |     |     |     | 2   |     |     |     |     | 1   | 1   |     |     |     |     |     |     | 7     |
| 100102 movie theatre                         |  |  |     |  |     |  |     |     | 1   |     | 1   |     |     |     |     |     |     |     |     |     |     |     |     | 2     |
| 100109 other movie/play service              |  |  | 1   |  |     |  | 2   |     | 1   | 1   | 1   |     | 2   | 3   | 3   | 1   | 3   |     |     | 1   |     |     | 1   | 20    |

|   |  |  |    |  |    |  |   |    |    |    |    |   |    |    |   |    |    |    |    |    |    |    |    |     |
|---|--|--|----|--|----|--|---|----|----|----|----|---|----|----|---|----|----|----|----|----|----|----|----|-----|
| 1001 movie/play service                 |  |  | 3  |  | 1  |  | 2 |    | 1  | 2  | 3  | 1 | 2  | 3  | 3 | 2  | 4  |    |    | 1  |    |    | 1  | 29  |
| 10 movie/play service                   |  |  | 3  |  | 1  |  | 2 |    | 1  | 2  | 3  | 1 | 2  | 3  | 3 | 2  | 4  |    |    | 1  |    |    | 1  | 29  |
| 110101 telecommunication service        |  |  |    |  | 1  |  | 9 | 8  | 3  | 4  | 1  | 5 | 9  | 3  | 4 | 3  | 2  | 7  | 4  | 1  | 2  | 3  | 1  | 70  |
| 1101 telecommunication service          |  |  |    |  | 1  |  | 9 | 8  | 3  | 4  | 1  | 5 | 9  | 3  | 4 | 3  | 2  | 7  | 4  | 1  | 2  | 3  | 1  | 70  |
| 11 telecommunication service            |  |  |    |  | 1  |  | 9 | 8  | 3  | 4  | 1  | 5 | 9  | 3  | 4 | 3  | 2  | 7  | 4  | 1  | 2  | 3  | 1  | 70  |
| 120101 auto mobile practical training   |  |  | 1  |  | 1  |  |   |    |    |    |    |   |    | 1  |   |    |    |    |    |    |    | 1  |    | 4   |
| 120102 software service                 |  |  |    |  |    |  |   |    |    | 1  |    |   |    |    |   |    |    | 1  |    |    |    |    |    | 2   |
| 120109 other education/research service |  |  | 9  |  | 3  |  | 8 | 8  | 2  | 6  | 2  | 5 | 7  | 6  | 5 | 5  | 8  | 7  | 3  | 10 | 4  | 5  | 4  | 107 |
| 1201 education/research service         |  |  | 10 |  | 4  |  | 8 | 8  | 2  | 7  | 2  | 5 | 7  | 7  | 5 | 5  | 8  | 8  | 3  | 10 | 4  | 6  | 4  | 113 |
| 12 education/research service           |  |  | 10 |  | 4  |  | 8 | 8  | 2  | 7  | 2  | 5 | 7  | 7  | 5 | 5  | 8  | 8  | 3  | 10 | 4  | 6  | 4  | 113 |
| 130101 hospital                         |  |  | 3  |  | 5  |  | 7 | 9  | 8  | 5  | 5  | 4 | 8  | 2  | 3 | 3  | 5  | 6  | 6  | 4  | 8  | 9  | 6  | 106 |
| 130102 general clinic                   |  |  |    |  | 1  |  |   | 1  | 2  | 1  |    |   |    | 2  |   |    |    | 1  |    |    |    |    |    | 8   |
| 130109 other medical treatment service  |  |  | 3  |  |    |  |   | 3  |    |    |    | 1 | 3  | 1  | 1 | 1  |    | 2  | 2  |    |    |    | 1  | 18  |
| 1301 medical treatment service          |  |  | 6  |  | 6  |  | 7 | 13 | 10 | 6  | 5  | 5 | 11 | 5  | 4 | 4  | 5  | 9  | 8  | 4  | 8  | 9  | 7  | 132 |
| 130201 social welfare facility          |  |  | 9  |  | 13 |  | 5 | 8  | 10 | 12 | 15 | 8 | 7  | 12 | 8 | 11 | 11 | 13 | 15 | 16 | 18 | 13 | 17 | 221 |
| 1302 social welfare facility            |  |  | 9  |  | 13 |  | 5 | 8  | 10 | 12 | 15 | 8 | 7  | 12 | 8 | 11 | 11 | 13 | 15 | 16 | 18 | 13 | 17 | 221 |
| 130301 bathhouse                        |  |  | 1  |  |    |  |   |    | 1  | 1  |    | 1 |    |    | 2 |    |    |    | 1  | 1  |    |    | 1  | 9   |

|  |  |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |       |
|--|--|--|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|-------|
| 130309 other health and hygiene service    |  |  |    | 1  | 2  |    | 1  |    | 1  |    |    |    |    |    | 1  | 1  |    | 1  |    |    |    |  | 8     |
| 1303 other health and hygiene service      |  |  | 1  | 1  | 2  |    | 2  | 1  | 1  | 1  |    |    | 2  |    | 1  | 1  | 1  | 2  |    |    | 1  |  | 17    |
| 13 health and hygiene service              |  |  | 16 | 20 | 14 | 21 | 22 | 19 | 21 | 14 | 18 | 17 | 14 | 15 | 17 | 23 | 24 | 22 | 26 | 22 | 25 |  | 370   |
| 140101 hotel                               |  |  | 14 | 4  | 4  | 11 | 8  | 3  | 4  | 8  | 4  | 6  | 4  | 7  | 5  | 7  | 2  | 5  | 6  | 1  | 2  |  | 105   |
| 1401 hotel                                 |  |  | 14 | 4  | 4  | 11 | 8  | 3  | 4  | 8  | 4  | 6  | 4  | 7  | 5  | 7  | 2  | 5  | 6  | 1  | 2  |  | 105   |
| 140201 general restaurant                  |  |  | 31 | 31 | 35 | 34 | 37 | 28 | 39 | 41 | 30 | 59 | 35 | 39 | 34 | 47 | 36 | 31 | 34 | 20 | 28 |  | 669   |
| 140209 other restaurants                   |  |  | 6  | 8  | 2  | 2  | 5  | 2  | 4  | 6  | 1  | 3  | 1  | 6  | 1  | 6  | 5  | 1  | 3  | 3  | 2  |  | 67    |
| 1402 restaurant                            |  |  | 37 | 39 | 37 | 36 | 42 | 30 | 43 | 47 | 31 | 62 | 36 | 45 | 35 | 53 | 41 | 32 | 37 | 23 | 30 |  | 736   |
| 140301 golf course                         |  |  | 6  | 7  | 6  | 9  | 8  | 7  | 6  | 4  | 3  | 4  | 1  | 2  | 4  | 2  | 5  | 6  | 3  | 3  |    |  | 86    |
| 140302 park and amusement park             |  |  |    | 3  | 2  | 1  | 3  |    | 2  |    |    | 3  | 1  |    | 1  | 1  |    | 1  | 1  | 1  | 1  |  | 21    |
| 140309 other amusement service             |  |  | 12 | 13 | 6  | 14 | 4  | 11 | 13 | 3  | 6  | 8  | 10 | 7  | 3  | 12 | 10 | 10 | 4  | 3  | 3  |  | 152   |
| 1403 other amusement service               |  |  | 18 | 23 | 14 | 24 | 15 | 18 | 21 | 7  | 9  | 15 | 12 | 9  | 8  | 15 | 15 | 17 | 8  | 7  | 4  |  | 259   |
| 14 amusement service                       |  |  | 69 | 66 | 55 | 71 | 65 | 51 | 68 | 62 | 44 | 83 | 52 | 61 | 48 | 75 | 58 | 54 | 51 | 31 | 36 |  | 1,100 |
| 150101 building maintenance service        |  |  | 26 | 27 | 25 | 22 | 14 | 25 | 23 | 14 | 17 | 17 | 15 | 13 | 13 | 11 | 15 | 10 | 12 | 16 | 13 |  | 328   |
| 150102 industrial waste management service |  |  | 55 | 48 | 54 | 70 | 88 | 88 | 48 | 64 | 64 | 52 | 55 | 57 | 63 | 63 | 69 | 56 | 70 | 65 | 66 |  | 1,195 |
| 150103 other waste disposal service        |  |  | 24 | 28 | 26 | 32 | 24 | 20 | 32 | 22 | 21 | 18 | 24 | 21 | 18 | 19 | 18 | 11 | 25 | 20 | 16 |  | 419   |







|   |  |  |   |  |  |  |   |   |   |  |  |  |  |  |   |  |  |  |  |  |  |   |
|---|--|--|---|--|--|--|---|---|---|--|--|--|--|--|---|--|--|--|--|--|--|---|
| 010509 other furniture                          |  |  |   |  |  |  |   |   |   |  |  |  |  |  |   |  |  |  |  |  |  |   |
| 0105 furniture                                  |  |  |   |  |  |  | 1 | 1 |   |  |  |  |  |  |   |  |  |  |  |  |  | 2 |
| 010601 pulp/paper                               |  |  |   |  |  |  |   |   |   |  |  |  |  |  |   |  |  |  |  |  |  |   |
| 010602 paper processing products                |  |  |   |  |  |  |   |   |   |  |  |  |  |  |   |  |  |  |  |  |  |   |
| 010609 other pulp/paper processing products     |  |  |   |  |  |  |   |   |   |  |  |  |  |  |   |  |  |  |  |  |  |   |
| 0106 pulp/paper processing products             |  |  |   |  |  |  |   |   |   |  |  |  |  |  |   |  |  |  |  |  |  |   |
| 010701 printing service                         |  |  |   |  |  |  |   |   |   |  |  |  |  |  |   |  |  |  |  |  |  |   |
| 010702 bookbinding                              |  |  |   |  |  |  |   |   |   |  |  |  |  |  |   |  |  |  |  |  |  |   |
| 010709 other printing and bookbinding           |  |  |   |  |  |  |   |   |   |  |  |  |  |  |   |  |  |  |  |  |  |   |
| 0107 printing/bookbinding                       |  |  |   |  |  |  |   |   |   |  |  |  |  |  |   |  |  |  |  |  |  |   |
| 010801 non organic or organic chemical products |  |  |   |  |  |  |   |   |   |  |  |  |  |  |   |  |  |  |  |  |  |   |
| 010802 chemical fiber                           |  |  |   |  |  |  |   |   |   |  |  |  |  |  |   |  |  |  |  |  |  |   |
| 010803 pharmaceuticals                          |  |  |   |  |  |  |   |   |   |  |  |  |  |  |   |  |  |  |  |  |  |   |
| 010804 petroleum/coal products                  |  |  | 1 |  |  |  |   |   |   |  |  |  |  |  |   |  |  |  |  |  |  | 1 |
| 010805 plastics products                        |  |  |   |  |  |  |   |   | 1 |  |  |  |  |  | 2 |  |  |  |  |  |  | 3 |
| 010806 rubber products                          |  |  |   |  |  |  |   |   |   |  |  |  |  |  |   |  |  |  |  |  |  |   |
| 010807 leather products                         |  |  |   |  |  |  |   |   |   |  |  |  |  |  |   |  |  |  |  |  |  |   |
| 010808 painting products                        |  |  |   |  |  |  |   |   |   |  |  |  |  |  |   |  |  |  |  |  |  |   |
| 010809 chemical fertilizer products             |  |  |   |  |  |  |   |   |   |  |  |  |  |  |   |  |  |  |  |  |  |   |
| 010899 other chemical products                  |  |  |   |  |  |  |   |   |   |  |  |  |  |  |   |  |  |  |  |  |  |   |
| 0108 chemical products                          |  |  | 1 |  |  |  |   |   | 1 |  |  |  |  |  | 2 |  |  |  |  |  |  | 4 |

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|
| 010901 cement products                         |   |   | 1 |   |   |   |   | 1 |   | 1 |   |   |   |   |   |   |   |   | 1 |   |   |   | 4 |     |
| 010902 glass products                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |
| 010903 pottery products                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |
| 010904 fire resisting products                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |
| 010905 other ceramic products                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |
| 010909 other sand and stone products           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |
| 0109 sand and stone products                   |   |   | 1 |   |   |   |   | 1 |   | 1 |   |   |   |   |   |   |   |   | 1 |   |   |   | 4 |     |
| 011001 steel/iron/rolling products             | 2 |   |   |   |   |   |   |   | 1 |   |   | 1 |   | 1 | 1 | 1 |   |   | 2 |   |   |   | 9 |     |
| 011002 casting products                        |   |   |   | 1 | 1 |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   | 3 |     |
| 011009 other steel products                    | 1 |   |   | 1 |   |   | 1 |   |   |   |   | 1 |   |   | 1 |   |   |   | 1 |   |   |   | 1 | 7   |
| 0110 steel making                              | 3 |   |   | 2 | 1 |   | 1 |   | 1 |   |   | 1 | 2 |   | 1 | 2 | 1 |   | 1 | 2 |   |   | 1 | 19  |
| 011101 nonferrous metals/rolling products      | 1 |   |   |   |   | 1 |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   | 3 |     |
| 011102 nonferrous metals casting products      |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |     |
| 011109 other nonferrous metal products         |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |     |
| 0111 nonferrous metal making                   | 1 |   | 1 |   |   | 1 |   | 1 |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   | 5 |     |
| 011201 western tableware/cutting tool products |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |
| 011202 screw products                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |
| 011203 metal press products                    |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   | 2 |     |
| 011204 metal plating products                  | 1 |   |   | 1 |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   | 4 |     |
| 011209 other metal products                    | 4 | 8 | 7 | 6 | 4 | 3 | 6 | 3 | 9 | 6 | 3 | 6 | 3 | 4 | 6 | 2 | 6 | 3 | 5 | 3 | 4 | 3 | 1 | 105 |



















|   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |    |   |   |    |     |
|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|----|----|---|---|----|-----|
| 150104 cremation service                            |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |    |   |   |    |     |
| 150105 livestock process service                    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |    |   |   |    |     |
| 150109 other cleaning and livestock process service |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |    |   |   |    |     |
| 1501 commercial cleaning                            |    |    |    |    |    |    |    |    |    |    | 3  | 1  |    |    |    |    |    |   |    |    |   |   |    | 4   |
| 15 commercial cleaning                              |    |    |    |    |    |    |    |    |    |    | 3  | 1  |    |    |    |    |    |   |    |    |   |   |    | 4   |
| 160101 public office                                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |    |   |   |    |     |
| 1601 public office                                  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |    |   |   |    |     |
| 16 public office                                    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |    |   |   |    |     |
| 170101 dispatch service                             |    |    |    |    |    |    | 1  |    |    |    |    |    |    |    |    | 1  |    |   |    |    |   |   |    | 2   |
| 1701 dispatch service                               |    |    |    |    |    |    | 1  |    |    |    |    |    |    |    |    | 1  |    |   |    |    |   |   |    | 2   |
| 170201 security service                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |    |   |   |    |     |
| 170202 information processing service               |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |    |   |   |    |     |
| 170209 others                                       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  |   |    |    |   |   |    | 1   |
| 1702 others   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  |   |    |    |   |   |    | 1   |
| 17 others   |    |    |    |    |    |    | 1  |    |    |    |    |    |    |    |    | 1  | 1  |   |    |    |   |   |    | 3   |
| total   | 26 | 18 | 26 | 21 | 13 | 18 | 21 | 22 | 24 | 21 | 13 | 13 | 11 | 14 | 18 | 11 | 15 | 4 | 14 | 13 | 7 | 8 | 10 | 361 |

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

Return to <https://www.jisha.or.jp/english/statistics/2021eCSA.html>

