















|  |  |  |  |   |   |  |  |  |   |  |   |  |   |   |   |  |   |   |   |  |  |   |   |    |
|--|--|--|--|---|---|--|--|--|---|--|---|--|---|---|---|--|---|---|---|--|--|---|---|----|
| construction work  |  |  |  |   |   |  |  |  |   |  |   |  |   |   |   |  |   |   |   |  |  |   |   |    |
| 030111 port/seaside<br>construction work                             |  |  |  |   |   |  |  |  |   |  |   |  |   |   |   |  |   |   |   |  |  |   |   |    |
| 030199 other civil<br>engineering work                               |  |  |  |   |   |  |  |  |   |  |   |  |   |   |   |  |   |   |   |  |  |   |   |    |
| 0301 civil engineering work  |  |  |  |   |   |  |  |  |   |  |   |  |   |   |   |  |   |   |   |  |  |   |   |    |
| 030201 steel<br>frame/reinforced concrete<br>house construction work |  |  |  |   | 1 |  |  |  |   |  | 1 |  |   |   |   |  |   |   |   |  |  |   | 2 |    |
| 030202 wooden house<br>construction work                             |  |  |  |   |   |  |  |  |   |  |   |  | 1 |   |   |  |   |   |   |  |  |   | 1 |    |
| 030203 building facility<br>construction work                        |  |  |  |   |   |  |  |  | 1 |  |   |  |   |   |   |  |   | 1 |   |  |  |   | 2 |    |
| 030209 other building<br>construction work                           |  |  |  |   |   |  |  |  |   |  |   |  |   |   |   |  |   |   |   |  |  | 1 | 1 |    |
| 0302 construction work   |  |  |  |   | 1 |  |  |  | 1 |  |   |  | 1 | 1 |   |  |   |   | 1 |  |  |   | 1 | 6  |
| 030301<br>electricity/telecommunication<br>work                      |  |  |  |   |   |  |  |  |   |  |   |  |   |   |   |  |   |   |   |  |  |   |   |    |
| 030302 machinery/apparatus<br>setting work                           |  |  |  | 1 |   |  |  |  | 1 |  |   |  |   |   | 1 |  | 1 | 2 |   |  |  |   |   | 9  |
| 030309 other construction<br>works                                   |  |  |  |   |   |  |  |  |   |  |   |  |   |   |   |  |   |   |   |  |  | 1 |   | 1  |
| 0303 other construction  |  |  |  | 1 |   |  |  |  | 1 |  |   |  |   |   | 1 |  | 1 | 2 |   |  |  |   |   | 10 |



|   |  |  |   |  |   |  |   |  |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |
|---|--|--|---|--|---|--|---|--|---|---|---|---|---|--|---|---|---|---|---|---|---|---|---|----|
| works   |  |  |   |  |   |  |   |  |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |
| 03 construction                                       |  |  | 1 |  | 1 |  | 1 |  | 2 |   | 2 | 1 | 1 |  | 1 |   | 1 | 2 | 1 | 1 |   |   | 1 | 16 |
| 040101 railroad service                               |  |  |   |  |   |  |   |  |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |
| 040102 water transportation service                   |  |  |   |  |   |  |   |  |   |   |   |   |   |  |   |   | 1 |   | 1 |   |   |   |   | 2  |
| 040103 airline service                                |  |  |   |  |   |  |   |  |   |   |   |   |   |  | 1 | 1 |   |   |   |   |   |   |   | 2  |
| 0401 railroad/water transportation/airline service    |  |  |   |  |   |  |   |  |   |   |   |   |   |  | 1 | 1 | 1 |   | 1 |   |   |   |   | 4  |
| 040201 taxi service                                   |  |  |   |  |   |  |   |  |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |
| 040202 bus service                                    |  |  |   |  |   |  |   |  |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |
| 040209 other passenger transport service              |  |  |   |  |   |  |   |  |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |
| 0402 road passenger transport service                 |  |  |   |  |   |  |   |  |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |
| 040301 general truck transportation service           |  |  | 1 |  |   |  | 1 |  | 1 | 3 | 1 |   |   |  | 1 |   |   |   | 2 |   | 1 |   |   | 11 |
| 040302 specific truck transportation service          |  |  | 1 |  |   |  |   |  |   |   |   |   |   |  |   |   |   | 1 |   |   |   |   |   | 2  |
| 040303 cargo/ light automobile transportation service |  |  |   |  |   |  |   |  |   |   | 1 |   |   |  |   |   |   |   |   |   |   |   |   | 1  |
| 040309 other land cargo transportation service        |  |  |   |  |   |  |   |  |   |   |   |   |   |  |   |   |   |   |   |   |   |   |   |    |
| 0403 road cargo                                       |  |  | 2 |  |   |  | 1 |  | 2 | 3 | 1 |   |   |  | 1 |   |   |   | 1 | 2 |   | 1 |   | 14 |







|   |  |  |    |  |    |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
|---|--|--|----|--|----|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1001 movie/play service                 |  |  |    |  | 2  |   |    | 1  | 2  | 1  |    |    | 1  |    | 1  | 1  |    |    |    |    |    |    | 10 |     |
| 10 movie/play service                   |  |  |    |  | 2  |   |    | 1  | 2  | 1  |    |    | 1  |    | 1  | 1  |    |    |    |    |    |    | 10 |     |
| 110101 telecommunication service        |  |  |    |  |    |   |    |    |    |    |    |    | 1  |    |    |    |    |    |    |    |    |    | 1  |     |
| 1101 telecommunication service          |  |  |    |  |    |   |    |    |    |    |    |    | 1  |    |    |    |    |    |    |    |    |    | 1  |     |
| 11 telecommunication service            |  |  |    |  |    |   |    |    |    |    |    |    | 1  |    |    |    |    |    |    |    |    |    | 1  |     |
| 120101 auto mobile practical training   |  |  |    |  |    |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 1  | 1  |     |
| 120102 software service                 |  |  |    |  |    |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
| 120109 other education/research service |  |  | 3  |  | 7  |   | 8  | 9  | 14 | 13 | 6  | 9  | 4  | 5  | 4  | 4  | 6  | 5  | 7  | 8  | 7  | 10 | 7  | 136 |
| 1201 education/research service         |  |  | 3  |  | 7  |   | 8  | 9  | 14 | 13 | 6  | 9  | 4  | 5  | 4  | 4  | 6  | 5  | 7  | 8  | 7  | 10 | 8  | 137 |
| 12 education/research service           |  |  | 3  |  | 7  |   | 8  | 9  | 14 | 13 | 6  | 9  | 4  | 5  | 4  | 4  | 6  | 5  | 7  | 8  | 7  | 10 | 8  | 137 |
| 130101 hospital                         |  |  | 25 |  | 26 |   | 15 | 22 | 17 | 21 | 18 | 11 | 7  | 22 | 13 | 20 | 13 | 15 | 13 | 9  | 9  | 11 | 7  | 294 |
| 130102 general clinic                   |  |  |    |  |    |   | 1  |    |    |    |    |    | 1  |    |    | 1  |    |    | 1  |    |    |    | 4  |     |
| 130109 other medical treatment service  |  |  | 1  |  |    | 1 | 1  |    | 3  | 1  | 1  | 1  | 1  |    | 1  | 1  |    |    |    |    | 1  | 1  | 14 |     |
| 1301 medical treatment service          |  |  | 26 |  | 26 |   | 16 | 24 | 17 | 24 | 19 | 12 | 8  | 24 | 13 | 21 | 15 | 15 | 13 | 10 | 9  | 12 | 8  | 312 |
| 130201 social welfare facility          |  |  | 19 |  | 18 |   | 25 | 23 | 22 | 23 | 28 | 30 | 30 | 25 | 41 | 16 | 35 | 39 | 35 | 32 | 25 | 35 | 32 | 533 |
| 1302 social welfare facility            |  |  | 19 |  | 18 |   | 25 | 23 | 22 | 23 | 28 | 30 | 30 | 25 | 41 | 16 | 35 | 39 | 35 | 32 | 25 | 35 | 32 | 533 |
| 130301 bathhouse                        |  |  |    |  |    |   | 1  | 4  | 2  | 3  | 2  | 2  | 2  | 1  | 2  |    | 2  | 3  |    |    |    | 2  | 26 |     |



|   |  |  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |  |  |
|---|--|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--|--|
| 150104 cremation service                            |  |  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |  |  |
| 150105 livestock process service                    |  |  | 1     | 2     | 5     | 4     | 5     | 1     | 2     | 5     | 4     | 5     | 2     | 3     |       | 2     | 1     | 1     |       | 3     | 46    |        |  |  |
| 150109 other cleaning and livestock process service |  |  | 1     | 1     | 1     |       | 2     | 1     | 2     | 3     | 1     | 1     | 1     | 1     | 2     | 1     | 1     | 1     | 2     | 1     | 1     | 24     |  |  |
| 1501 commercial cleaning                            |  |  | 11    | 4     | 10    | 7     | 5     | 10    | 4     | 10    | 7     | 5     | 12    | 5     | 8     | 3     | 6     | 4     | 5     | 4     | 6     | 126    |  |  |
| 15 commercial cleaning                              |  |  | 11    | 4     | 10    | 7     | 5     | 10    | 4     | 10    | 7     | 5     | 12    | 5     | 8     | 3     | 6     | 4     | 5     | 4     | 6     | 126    |  |  |
| 160101 public office                                |  |  | 2     | 3     | 7     | 1     |       | 2     |       | 2     | 2     | 1     | 1     | 1     | 1     |       | 4     |       | 1     |       | 29    |        |  |  |
| 1601 public office                                  |  |  | 2     | 3     | 7     | 1     |       | 2     |       | 2     | 2     | 1     | 1     | 1     | 1     |       | 4     |       | 1     |       | 29    |        |  |  |
| 16 public office                                    |  |  | 2     | 3     | 7     | 1     |       | 2     |       | 2     | 2     | 1     | 1     | 1     | 1     |       | 4     |       | 1     |       | 29    |        |  |  |
| 170101 dispatch service                             |  |  | 3     | 5     | 3     | 1     | 4     | 3     |       | 3     | 1     | 3     |       | 2     |       | 2     | 1     | 1     |       | 2     | 1     | 35     |  |  |
| 1701 dispatch service                               |  |  | 3     | 5     | 3     | 1     | 4     | 3     |       | 3     | 1     | 3     |       | 2     |       | 2     | 1     | 1     |       | 2     | 1     | 35     |  |  |
| 170201 security service                             |  |  |       | 1     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 1      |  |  |
| 170202 information processing service               |  |  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |  |  |
| 170209 others                                       |  |  | 19    | 19    | 22    | 20    | 15    | 17    | 12    | 13    | 25    | 18    | 10    | 17    | 18    | 10    | 10    | 11    | 18    | 15    | 13    | 302    |  |  |
| 1702 others   |  |  | 19    | 20    | 22    | 20    | 15    | 17    | 12    | 13    | 25    | 18    | 10    | 17    | 18    | 10    | 10    | 11    | 18    | 15    | 13    | 303    |  |  |
| 17 others   |  |  | 22    | 25    | 25    | 21    | 19    | 20    | 12    | 16    | 26    | 21    | 10    | 19    | 18    | 12    | 11    | 12    | 18    | 17    | 14    | 338    |  |  |
| total   |  |  | 2,476 | 2,347 | 2,267 | 2,004 | 2,001 | 2,152 | 1,967 | 1,992 | 1,992 | 1,902 | 1,852 | 1,723 | 1,784 | 1,778 | 1,744 | 1,588 | 1,658 | 1,548 | 1,503 | 36,278 |  |  |

Fatal accidents caused by food manufacturing machine 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 |      |      |      |      | 1    |      |      |      |      |      | 1    |      |      |      |      |      |      |      |      |      | 1    |      |      | 3     |



























|   |   |   |  |   |   |   |   |   |  |   |   |   |  |  |   |   |  |   |   |  |   |   |   |    |
|---|---|---|--|---|---|---|---|---|--|---|---|---|--|--|---|---|--|---|---|--|---|---|---|----|
| 150104 cremation service                            |   |   |  |   |   |   |   |   |  |   |   |   |  |  |   |   |  |   |   |  |   |   |   |    |
| 150105 livestock process service                    |   |   |  |   |   |   |   |   |  |   |   |   |  |  |   |   |  |   |   |  |   |   |   |    |
| 150109 other cleaning and livestock process service | 1 |   |  |   |   |   |   |   |  |   |   |   |  |  |   |   |  |   |   |  |   |   |   | 1  |
| 1501 commercial cleaning                            | 1 |   |  |   |   |   |   |   |  |   |   |   |  |  |   |   |  |   |   |  |   |   |   | 1  |
| 15 commercial cleaning                              | 1 |   |  |   |   |   |   |   |  |   |   |   |  |  |   |   |  |   |   |  |   |   |   | 1  |
| 160101 public office                                |   |   |  |   |   |   |   |   |  |   |   |   |  |  |   |   |  |   |   |  |   |   |   |    |
| 1601 public office                                  |   |   |  |   |   |   |   |   |  |   |   |   |  |  |   |   |  |   |   |  |   |   |   |    |
| 16 public office                                    |   |   |  |   |   |   |   |   |  |   |   |   |  |  |   |   |  |   |   |  |   |   |   |    |
| 170101 dispatch service                             |   |   |  |   |   |   |   |   |  |   |   |   |  |  |   |   |  |   |   |  |   |   |   |    |
| 1701 dispatch service                               |   |   |  |   |   |   |   |   |  |   |   |   |  |  |   |   |  |   |   |  |   |   |   |    |
| 170201 security service                             |   |   |  |   |   |   |   |   |  |   |   |   |  |  |   |   |  |   |   |  |   |   |   |    |
| 170202 information processing service               |   |   |  |   |   |   |   |   |  |   |   |   |  |  |   |   |  |   |   |  |   |   |   |    |
| 170209 others                                       |   |   |  |   |   |   |   |   |  |   |   |   |  |  |   |   |  |   |   |  |   |   |   |    |
| 1702 others   |   |   |  |   |   |   |   |   |  |   |   |   |  |  |   |   |  |   |   |  |   |   |   |    |
| 17 others   |   |   |  |   |   |   |   |   |  |   |   |   |  |  |   |   |  |   |   |  |   |   |   |    |
| total   | 3 | 3 |  | 2 | 6 | 3 | 4 | 3 |  | 2 | 3 | 2 |  |  | 1 | 3 |  | 2 | 4 |  | 3 | 1 | 1 | 46 |

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>

