**Supplementary Table 1:** Numbers of MSA and Non-MSA cases of each of the major capsular groups from 2010 to 2020, and the corresponding proportions of cases with evidence of joint infection. One group E MSA strain was isolated in 2020, representing the only group E IMD case of that year (not included in table).

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Group W** | | | **Group B** | | | **Group Y** | | | **Group C** | | |
| **Year** | **MSA cases (n)** | **Non-MSA cases (n)** | **MSA as % of total** | **MSA cases (n)** | **Non-MSA cases (n)** | **MSA as % of total** | **MSA cases (n)** | **Non-MSA cases (n)** | **MSA as % of total** | **MSA cases (n)** | **Non-MSA cases (n)** | **MSA as % of total** |
| **2010** | 3 | 21 | 12.5 | 2 | 811 | 0.2 | 2 | 71 | 2.7 | 2 | 18 | 10.0 |
| **2011** | 3 | 31 | 8.8 | 4 | 737 | 0.5 | 4 | 87 | 4.4 | 1 | 28 | 3.4 |
| **2012** | 1 | 45 | 2.2 | 3 | 630 | 0.5 | 5 | 75 | 6.3 | 2 | 26 | 7.1 |
| **2013** | 2 | 80 | 2.4 | 7 | 548 | 1.3 | 3 | 74 | 3.9 | 0 | 29 | 0.0 |
| **2014** | 2 | 118 | 1.7 | 5 | 413 | 1.2 | 1 | 74 | 1.3 | 2 | 33 | 5.7 |
| **2015** | 15 | 205 | 6.8 | 4 | 461 | 0.9 | 6 | 105 | 5.4 | 3 | 25 | 10.7 |
| **2016** | 13 | 213 | 5.8 | 6 | 445 | 1.3 | 6 | 106 | 5.4 | 3 | 38 | 7.3 |
| **2017** | 11 | 202 | 5.2 | 3 | 400 | 0.7 | 2 | 75 | 2.6 | 1 | 61 | 1.6 |
| **2018** | 5 | 160 | 3.0 | 2 | 387 | 0.5 | 2 | 76 | 2.6 | 2 | 60 | 3.2 |
| **2019** | 8 | 120 | 6.3 | 4 | 356 | 1.1 | 2 | 59 | 3.3 | 2 | 34 | 5.6 |
| **2020** | 3 | 30 | 9.1 | 3 | 183 | 1.6 | 0 | 18 | 0.0 | 1 | 16 | 5.9 |
| **All years** | **66** | **1225** | **5.1** | **43** | **5371** | **0.8** | **33** | **820** | **3.9** | **19** | **368** | **4.9** |