**Supplementary Material:**

Supplementary Figure S1. Correlation between number of unique surnames and number of houses per zone



Supplementary Table S1. Temporal trends in types of contacts reported by cases

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Type of contact\* | July | August | September | October |
| Touched the body fluids of the case  | 10 (19.6) | 79 (22.8) | 131 (27.7) | 102 (40.3) |
| Had direct physical contact with the body of the case  | 23 (45.1) | 136 (39.2) | 235 (49.7) | 165 (65.2) |
| Touched or shared the linens, clothes, or dishes/eating utensils of the case | 10 (19.6) | 87 (25.1) |  183 (38.7) | 119 (47.0) |
| Slept, ate, or spent time in the same household or room as the case | 12 (23.5) | 81 (23.3) | 172 (36.4) | 120 (47.4) |

\*Categories defined by the Viral Hemorrhagic Fever Case Investigation Form

Supplementary Table S2. Temporal trends in characteristics of individuals who developed Ebola virus disease after contact with symptomatic cases

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |   | Reported by Single Source(n=193)n (%) |   |   | Reported by Multiple Sources(n=91)n (%) |  |
|  | July | August | September | July | August | September |
| Sex of Contact Becoming Case |  |  |  |  |  |  |
|  Male | 2 (20.0) | 28 (46.7) | 12 (34.3) | 2 (100.0) | 4 (50.0) | 4 (30.8) |
|  Female | 8 (80.0) | 32 (53.3) | 23 (65.7) | 0 (0.0) | 4 (50.0) | 9 (69.2) |
| Age of Contact Becoming Case |   |  |   |   |  |  |
|  <15 years | 0 (0.0) | 12 (20.0) | 11 (33.3) | 0 (0.0) | 0 (0.0) | 5 (38.5) |
|  15-45 years | 9 (75.0) | 36 (60.0) | 14 (42.4) | 1 (50.0) | 10 (90.9) | 6 (46.2) |
|  >45 years | 3 (25.0) | 12 (20.0) | 8 (24.2) | 1 (50.0) | 1 (9.1) | 2 (15.4) |
|  |  |  |  |  |  |  |  |  |  |  |