**Table 2b: Gender stratified respiratory symptom prevalence and 95% confidence intervals (CI)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Cough** | |  | **Phlegm** | |  | **Wheeze** | |
| **Cohort** | **Female (95% CI)** | **Male (95% CI)** |  | **Female (95% CI)** | **Male (95% CI)** |  | **Female (95% CI)** | **Male (95% CI)** |
| Africa |  |  |  |  |  |  |  |  |
| Ethiopia | 11.0 (3.0, 19.0) | 13.0 (8.0, 19.0) |  | 3.0 (0.0, 8.0) | 7.0 (3.0, 11.0) |  | 9.0 (2.0, 17.0) | 14.0 (8.0, 20.0) |
| KwaZulu-Natal Crop Farmers | *NR* | *NA* |  | *NR* | *NA* |  | *NR* | *NA* |
| Western Cape Fruit Farm Workers | 37.0 (30.0, 44.0) | *NA* |  | *NR* | *NA* |  | 31.0 (25.0, 37.0) | *NA* |
| North West Poultry Workers | 27.0 (17.0, 39.0) | 40.0 (32.0, 48.0) |  | 16.0 (8.0, 27.0) | 29.0 (22.0, 37.0) |  | 12.0 (6.0, 22.0) | 17.0 (11.0, 23.0) |
| Asia |  |  |  |  |  |  |  |  |
| KMCC | *NR* | *NR* |  | *NR* | *NR* |  | *NR* | *NR* |
| Europe |  |  |  |  |  |  |  |  |
| AGRICAN | 9.7 (9.4, 10.0) | 12.3 (12.0, 12.5) |  | *NR* | *NR* |  | *NR* | *NR* |
| BM3R | 16.1 (14.5, 17.7) | 17.7 (16.3, 19.1) |  | 9.6 (8.3, 10.9) | 15.8 (14.5, 17.1) |  | *NR* | *NR* |
| FERMA | 36.6 (28.3, 44.8) | 36.5 (31.3, 41.7) |  | 19.4 (12.5, 26.3) | 26.1 (21.0, 31.3) |  | 17.7 (11.0, 24.3) | 15.3 (11.3, 19.2) |
| Franche-Comte Farmers | 9.2 (3.5, 14.9) | 22.0 (18.2, 25.8) |  | 11.2 (4.9, 17.5) | 19.8 (16.0, 23.8) |  | 6.0 (2.4, 9.6) | 9.6 (7.1, 12.1) |
| Norwegian Farmers | 21.6 (19.8, 23.5) | 25.4 (23.9,27.0) |  | 16.8 (15.1, 18.5) | 20.2 (18.7, 21.7) |  | 13.9 (12.4, 15.5) | 17.4 (16.1, 18.8) |
| PIPAH | *NR* | *NR* |  | *NR* | *NR* |  | *NR* | *NR* |
| SUS Study | 30.9 (25.0, 37.3) | 18.9 (17.1, 20.8) |  | 20.9 (15.8, 26.7) | 12.1 (10.6, 13.7) |  | 18.7 (13.9, 24.3) | 8.5 (7.2, 9.9) |
| North America |  |  |  |  |  |  |  |  |
| AHS | 13.8 (13.6, 14.1) | 17.2 (16.9, 17.4) |  | 10.0 (9.8, 10.2) | 18.0 (17.7, 18.3) |  | 18.8 (17.5, 20.1) | 25.2 (24.9, 25.5) |
| Farmer Health Study | 3.1 (1.1, 6.5) | 4.3 (3.4, 5.4) |  | 2.0 (0.6, 5.1) | 4.1 (3.2, 5.1) |  | 4.1 (1.8, 7.9) | 9.1 (7.8, 10.6) |
| KCRHS | 17.9 (15.0, 20.7) | 19.5 (16.2, 22.8) |  | 9.6 (7.5, 11.8) | 17.1 (13.9, 20.2) |  | 5.8 (4.1, 7.5) | 8.2 (5.9, 10.5) |
| Oceania |  |  |  |  |  |  |  |  |
| New Zealand | 15.4 (13.8, 16.9) | 16.8 (15.2, 18.3) |  | 6.5 (5.4, 7.5) | 9.0 (7.8, 10.2) |  | 15.3 (13.8, 16.9) | 16.8 (15.3, 18.4) |
| Victorian Grain Farmers | *NA* | *NR* |  | *NA* | *NR* |  | *NA* | *NR* |
| South America |  |  |  |  |  |  |  |  |
| MAUCO | *NR* | *NR* |  | *NR* | *NR* |  | *NR* | *NR* |
| Overall Median (IQR) | 16.1 (10.3, 29.0) | 18.3 (14.0, 24.6) |  | 10.0 (6.5, 16.8) | 17.1 (9.0, 20.2) |  | 13.9 (6.0, 18.7) | 14.7 (9.0, 17.1) |

NR, not reported; NA, not applicable; IQR, inter-quartile range

KMCC, Korean Multi-center Cancer Cohort ; AHS, Agricultural Health Study; GDMSP, Grain Dust Medical Surveillance Program; KCRHS, Keokuk County Rural Health Study