# Early Public Response to Influenza A(H7N9) Virus, Guangzhou, China, May 30–June 7, 2013

## Technical Appendix

Technical Appendix Table. Characteristics of the population of Guangzhou, China, and of survey respondents in urban districts and semirural areas of Guangzhou, May 30–June 7, 2013

| Characteristic | % (95% CI) participants by area | | | | % Guangzhou population* | Difference between residential areas (p)† | Effect size‡ |
|---|---|---|---|---|---|---|---|
| | Urban districts, n = 594 | Conghua, n = 283 | Zengcheng, n = 300 | Total, N = 1,177 | | | |
| Sex | | | | | | | |
| F | 59.1 (55.0–63.1) | 53.7 (47.7–59.6) | 57.0 (51.2–62.7) | 57.3 (54.4–60.1) | 48.0 | 0.320 | 0.19 |
| M | 40.9 (36.9–45.0) | 46.3 (40.4–52.3) | 43.0 (37.3–48.8) | 42.7 (39.9–45.6) | 52.0 | | |
| Age group, y | | | | | | | |
| 15–34 | 35.5 (31.7–39.5) | 34.3 (28.8–40.1) | 41.7 (36.0–47.5) | 36.8 (34.0–39.6) | 49.1 | 0.154 | 0.25 |
| 35–54 | 40.6 (36.6–44.6) | 43.5 (37.6–49.5) | 40.7 (35.1–46.5) | 41.3 (38.5–44.2) | 34.8 | | |
| ≥55 | 23.9 (20.5–27.5) | 22.3 (17.6–27.6) | 17.7 (13.5–22.5) | 21.9 (19.6–24.4) | 16.1 | | |
| Education | | | | | | | |
| Primary or below | 12.3 (9.8–15.2) | 19.8 (15.3–24.9) | 18.0 (13.8–22.8) | 15.6 (13.5–17.7) | 17.7 | <0.001 | 0.34 |
| Secondary | 46.1 (42.1–50.2) | 51.9 (46.0–57.9) | 53.3 (47.5–59.1) | 49.4 (46.5–52.3) | 61.7 | | |
| Tertiary or above | 41.1 (37.1–45.2) | 27.2 (22.1–32.8) | 27.7 (22.7–33.1) | 34.3 (31.6–37.1) | 20.6 | | |
| Unknown | 0.5 | 1.1 | 1.0 | 0.8 | 0 | | |
| Marital status | | | | | | | |
| Single | 14.6 (11.9–17.7) | 13.8 (10.0–18.4) | 18.0 (13.8–22.8) | 15.3 (13.3–17.5) | 32.4 | 0.316 | 0.36 |
| Married or formerly married | 85.2 (82.1–87.9) | 85.5 (80.9–89.4) | 82.0 (77.2–86.2) | 84.5 (82.3–86.5) | 67.6 | | |
| Unknown | 0.2 | 0.7 | 0.0 | 0.3 | 0 | | |
| Monthly income (US$)§ | | | | | | | |
| ≤163 | 18.9 (15.8–22.2) | 29.3 (24.1–35.0) | 23.7 (19.0–28.9) | 22.6 (20.2–25.1) | Not known | <0.001 | |
| 163–488 | 26.6 (23.1–30.3) | 35.0 (29.4–40.9) | 32.7 (27.4–38.3) | 30.2 (27.5–32.9) | Not known | | |
| 488–813 | 20.9 (17.7–24.4) | 16.3 (12.2–21.1) | 12.0 (8.6–16.2) | 17.5 (15.4–19.8) | Not known | | |
| >813 | 20.2 (17.0–23.7) | 5.3 (3.0–8.6) | 9.0 (6.0–12.8) | 13.8 (11.8–15.9) | Not known | | |
| Unknown | 13.5 (10.8–16.5) | 14.1 (10.3–18.7) | 22.7 (18.1–27.8) | 16.0 (13.9–18.2) | Not known | | |

*Population structure was obtained from the 2010 Guangzhou census data (http://www.gzstats.gov.cn/tjgb/glpcgb/201105/t20110517_25227.htm [in Chinese]).

†p values were based on $\chi^2$ test.

‡Cohen's effect sizes $w$ were calculated using the formula $w = \sqrt{\sum_{i=1}^{m} (p_0(i) - p_1(i))^2 / p_0(i)}$ , where $p_0(i)$ and $p_1(i)$ represent the observed proportions in the i'th category from the population (based on the 2010 Guangzhou census data) and the total sample, respectively.

§≤US$163, US$163–488, US$488–813 and >US$813 are approximate to categories of ≤1,000 Chinese Yuan (CNY), 1,000–3,000CNY, 3,000–5,000CNY, >5,000CNY (1US$ = 6.15CNY).