Supplementary Table. Age-adjusteda hospitalization rates and emergency department visit rates by urban and rural residence, 2010–2017

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Year** | **Crohn’s Disease** | | **Ulcerative Colitis** | |
| **Urban**  **Rate Per 100,000**  **(95% CI)** | **Rural**  **Rate Per 100,000**  **(95% CI)** | **Urban**  **Rate Per 100,000**  **(95% CI)** | **Rural**  **Rate Per 100,000**  **(95% CI)** |
| **Hospitalization rate** |  |  |  |  |
| 2010 | 23.7 (21.7–25.7) | 25.2 (22.5–28.0) | 13.8 (12.7–14.8) | 12.5 (11.0–14.0) |
| 2011 | 25.0 (22.9–27.1) | 26.0 (22.8–29.3) | 14.5 (13.3–15.6) | 13.4 (11.6–15.2) |
| 2012 | 24.6 (23.5–25.7) | 26.1 (24.3–28.0) | 13.9 (13.3–14.6) | 13.3 (12.1–14.5) |
| 2013 | 22.9 (21.9–23.8) | 27.9 (25.7–30.0)\*\*\* | 14.3 (13.6–14.9) | 14.5 (13.2–15.7) |
| 2014 | 23.9 (22.9–24.9) | 25.0 (23.0–27.1) | 14.2 (13.6–14.8) | 13.0 (11.8–14.2) |
| 2015 | 23.7 (22.6–24.7) | 25.8 (23.6–28.0) | 14.3 (13.6–14.9) | 12.8 (11.7–13.9)\* |
| 2016 | 24.3 (23.2–25.4) | 28.2 (26.0–30.5)\*\* | 14.5 (13.9–15.2) | 12.5 (11.3–13.7)\*\* |
| 2017 | 23.6 (22.5–24.7) | 26.3 (24.1–28.6)\* | 14.0 (13.4–14.7) | 13.5 (12.3–14.7) |
| **Emergency department visit rate** |  |  |  |  |
| 2010 | 33.8 (31.2–36.3) | 38.8 (34.0–43.5) | 14.9 (13.9–16.0) | 14.0 (11.7–16.2) |
| 2011 | 33.5 (31.3–35.8) | 38.4 (34.5–42.2)\* | 15.6 (14.5–16.7) | 13.9 (12.3–15.6) |
| 2012 | 35.4 (32.6–38.1) | 40.0 (35.5–44.4) | 16.0 (14.8–17.2) | 14.2 (12.6–15.9) |
| 2013 | 36.0 (33.6–38.4) | 48.2 (42.9–53.5)\*\*\* | 16.2 (15.1–17.4) | 16.3 (14.7–18.0) |
| 2014 | 37.4 (34.4–40.5) | 44.3 (39.9–48.7)\* | 18.0 (16.6–19.5) | 16.3 (14.3–18.3) |
| 2015 | 38.2 (35.8–40.7) | 48.7 (42.8–54.6)\*\*\* | 18.3 (17.0–19.6) | 18.7 (16.6–20.8) |
| 2016 | 38.0 (34.8–41.3) | 55.0 (49.1–60.9)\*\*\* | 19.5 (17.7–21.2) | 19.9 (17.8–22.1) |
| 2017 | 39.5 (36.0–42.9) | 49.3 (44.2–54.3)\*\* | 20.8 (19.0–22.6) | 21.5 (19.1–23.8) |

*CI*, confidence interval

aAge adjustment based on the projected 2000 U.S. population as the standard population and three age groups: 18–44, 45–64, and ≥65 years (https://www.cdc.gov/nchs/data/statnt/statnt20.pdf)

\* 0.01 < *P* ≤ 0.05, \*\* 0.001 < *P* ≤ 0.01, \*\*\* *P* ≤ 0.001