Supplemental Table 1. Crude percentages and 95% CIs of US adults with cancer who used gabapentinoid drugs, 2005 and 2015.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  | Percentage (95% CI) |  |  |  |  |  |
|  | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | *P*-value1 | Rate ratio2 |
| Overall | 3.28 (2.10, 4.23) | 3.19 (2.19, 4.36) | 4.06 (3.14, 5.08) | 6.02 (4.11, 8.83) | 5.06 (3.78, 6.97) | 4.41 (2.99, 6.37) | 5.29 (4.07, 7.06) | 5.63 (4.44, 7.21) | 9.25 (7.63, 11.3) | 8.63 (7.08, 10.6) | 8.26 (6.98, 9.84) | <.01 | 2.30 |
| By characteristic |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  Sex |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  Male | 2.50 (1.39, 4.33) | 4.26 (2.87, 6.66) | 2.90 (1.64, 4.95) | 4.71 (2.68, 8.62) | 5.19 (3.41, 7.81) | 2.41 (1.04, 5.71) | 4.22 (2.65, 6.45) | 4.94 (3.47, 7.08) | 7.49 (5.60, 10.0) | 8.78 (7.03, 11.0) | 7.54 (5.46, 10.2) | <.01 | 3.02 |
|  Female | 3.98 (2.58, 6.20) | 2.39 (1.57, 3.82) | 4.97 (3.64, 6.75) | 7.19 (4.39, 11.7) | 5.03 (3.43, 7.38) | 6.30 (4.11, 9.69) | 6.43 (4.47, 9.07) | 6.14 (4.65, 8.27) | 10.7 (8.24, 13.9) | 8.51 (6.43, 11.2) | 8.86 (6.97, 11.4) | <.01 | 2.23 |
|  Age |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  18-44 | 0.82 (0.21, 3.28) | 0.49 (0.08, 2.90) | 0.67 (0.20, 2.31) | 4.14 (1.27, 13.6) | 2.00 (0.92, 4.54)  | 4.40 (2.11, 9.42)  | 4.15 (1.69, 9.59) | 3.70 (1.83, 13.6) | 1.85 (0.80, 4.24) | 1.83 (0.77, 4.42) | 15.3 (9.59, 24.6) | <.001 | 18.6 |
|  45-64 | 5.13 (3.30, 8.26) | 3.39 (1.98, 6.06) | 4.10 (2.61, 6.23) | 6.13 (4.06, 9.92) | 5.21 (3.55, 7.50) | 5.94 (3.24, 10.9) | 3.70 (2.22, 5.97) | 5.00 (3.22, 7.72) | 11.7 (9.06, 15.4) | 8.92 (6.70, 11.9) | 5.90 (3.88, 9.00) | <.01 | 1.15 |
|  65-85 | 2.68 (1.63, 4.49) | 4.14 (2.91, 6.13) | 5.35 (3.76, 7.43) | 6.42 (3.53, 11.5) | 6.03 (3.92, 9.17) | 3.46 (1.83, 6.41) | 6.84 (4.84, 9.50) | 6.48 (4.83, 8.65) | 9.81 (7.39, 13.0) | 11.0 (8.73, 13.8) | 8.52 (6.68, 10.9) | <.01 | 3.18 |
|  Region |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  Northeast | 3.76 (2.17, 6.84) | 1.01 (0.29, 3.57) | 3.38 (2.76, 4.13) | 2.46 (0.80, 4.13) | 1.91 (0.57, 6.53) | 3.24 (1.03, 10.7) | 3.81 (1.50, 9.54) | 4.85 (2.57, 9.11) | 10.3 (6.16, 17.0) | 8.45 (6.29, 11.3) | 4.03 (1.85, 8.89) | .01 | 1.07 |
|  Midwest | 3.96 (2.08, 7.49) | 5.62 (3.75, 8.27) | 3.52 (2.15, 5.97) | 9.19 (5.78, 14.3) | 4.03 (2.36, 6.91) | 5.75 (3.53, 9.52) | 6.68 (4.50, 9.70) | 7.96 (5.04, 12.5) | 7.30 (4.77, 11.4) | 11.0 (7.24, 16.5) | 7.22 (4.58, 11.4) | .19 | 1.82 |
|  South | 3.84 (2.33, 6.48) | 2.80 (1.57, 4.88) | 5.02 (3.44, 7.20) | 7.16 (3.62, 14.2) | 7.61 (4.77, 12.4) | 5.30 (2.92, 9.88) | 4.86 (3.03, 7.64) | 5.28 (3.46, 8.15) | 10.4 (7.62, 14.4) | 10.4 (7.37, 14.6) | 11.1 (8.73, 14.1) | .02 | 2.89 |
|  West | 1.56 (0.45, 5.02) | 3.79 (1.75, 7.97) | 3.46 (1.82, 6.67) | 3.59 (1.51, 8.19) | 5.18 (3.06, 8.89) | 1.97 (0.71, 5.38) | 6.64 (3.47, 12.6) | 4.69 (3.09, 7.16) | 8.52 (5.76, 12.5) | 3.85 (2.53, 5.92) | 7.91 (5.85, 10.7) | .11 | 5.07 |

Abbreviation: CI, confidence interval

1Chi-square across all study years

2Compares percentage in 2015 to 2005 (reference)