# Table 1: Weighted Prevalence Estimates of Parent-Reported Attention-Deficit/Hyperactivity Disorder (ADHD) Diagnosis and Medication Treatment among U.S. Children Aged 2-5 Years by Sociodemographic Characteristics (National Survey of Children’s Health, 2011-12)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Unweighted n | Current ADHD | | Current ADHD and Taking ADHD Medication | | | Proportion Receiving Medication of Those with Current ADHD | |
| Characteristic | Weighted  % (SE) | PR1 (95% CI) | Weighted  % (SE) | PR1 (95% CI) | Weighted  % (SE) | | PR1 (95% CI) |
| **Overall** | 19,897 | 1.5 (0.2) |  | 0.7 (0.1) |  | 43.7 (5.4) | |  |
| **Sex** |  |  |  |  |  |  | |  |
| Boys | 10,165 | **2.1 (0.3)** | **2.63 (1.67—4.14)** | **1.0 (0.2)** | **3.09 (1.60—5.98)** | 45.5 (6.6) | | 1.17 (0.69—2.01) |
| Girls | 9,732 | **0.8 (0.2)** | Ref. | **0.3 (0.1)** | Ref. | 38.8 (9.0) | | Ref. |
| **Age Group** |  |  |  |  |  |  | |  |
| 2-3 years | 9,385 | **0.7\* (0.2)** | **0.29 (0.15—0.55)** | **0.1\*\* (0.05)** | **0.07 (0.02—0.27)** | **12.6\*\* (8.1)** | | **0.24 (0.07—0.88)** |
| 4-5 years | 10,512 | **2.2 (0.3)** | Ref. | **1.2 (0.2)** | Ref. | **51.8 (5.7)** | | Ref. |
| **Race/Ethnicity** |  |  |  |  |  |  | |  |
| Non-Hispanic White | 12,068 | **1.4 (0.2)** | Ref. | 0.7 (0.2) | Ref. | 52.5 (7.3) | | Ref. |
| Non-Hispanic Black | 1,861 | **3.2 (0.8)** | *2.32 (1.30—4.17)* | 0.7\* (0.3) | 0.94 (0.42—2.13) | 21.3\* (8.1) | | *0.41 (0.18—0.90)* |
| Hispanic, Any Race | 3,062 | **0.7 (0.2)** | **0.50 (0.26—0.95)** | 0.4\* (0.2) | 0.54 (0.21—1.37) | 56.7 (14.0) | | 1.08 (0.62—1.88) |
| Non-Hispanic Other | 2,483 | **2.0 (0.6)** | 1.47 (0.80—2.69) | 1.0\* (0.4) | 1.41 (0.56—3.57) | 50.5 (13.7) | | 0.96 (0.53—1.75) |
| **Highest Education of Any Parent in Household** | | |  |  |  |  | |  |
| Less than H.S. | 1,296 | 1.9 (0.5) | 1.52 (0.85—2.72) | 0.4\* (0.2) | 0.71 (0.28—1.77) | 19.6\* (8.1) | | 0.47 (0.19—1.12) |
| 12 years, H.S. Graduate | 3,036 | 1.8 (0.4) | 1.48 (0.88—2.50) | 1.0 (0.3) | 1.97 (1.00—3.90) | 56.1 (11.2) | | 1.33 (0.80—2.23) |
| More than H.S. | 15,215 | 1.2 (0.2) | Ref. | 0.5 (0.1) | Ref. | 42.1 (7.2) | | Ref. |
| **Household Income Relative to Federal Poverty Level**2 | | |  |  |  |  | |  |
| <100% | 3,752 | **2.7 (0.4)** | **3.46 (2.02—5.91)** | **1.0 (0.2)** | **2.85 (1.28—6.35)** | 36.2 (7.4) | | 0.82 (0.44—1.56) |
| 100%-200% | 3,900 | **1.8 (0.4)** | **2.27 (1.25—4.11)** | **1.0 (0.3)** | **2.93 (1.28—6.71)** | 56.8 (10.5) | | 1.29 (0.70—2.39) |
| >200% | 12,245 | **0.8 (0.2)** | Ref. | **0.3\* (0.1)** | Ref. | 43.9 (11.0) | | Ref. |
| **Region** |  |  |  |  |  |  | |  |
| Northeast | 3,342 | **1.5\* (0.5)** | **2.23 (1.03—4.83)** | **0.6\* (0.3)** | 2.65 (0.83—8.46) | 41.3\* (15.8) | | 1.19 (0.46—3.07) |
| Midwest | 4,520 | **2.1 (0.4)** | **3.10 (1.75—5.50)** | **1.0 (0.3)** | **4.53 (1.81—11.35)** | 50.9 (9.9) | | 1.46 (0.73—2.93) |
| South | 7,057 | **1.7 (0.3)** | **2.58 (1.51—4.42)** | **0.7 (0.2)** | **3.11 (1.32—7.35)** | 41.9 (8.1) | | 1.20 (0.60—2.41) |
| West | 4,978 | **0.7 (0.1)** | Ref. (p<0.0006) | **0.2\* (0.1)** | Ref. | 34.8 (10.3) | | Ref. |
| **Insurance Status** |  |  |  |  |  |  | |  |
| Non-Public Insurance | 11,879 | **0.7 (0.2)** | Ref. | **0.4\* (0.1)** | Ref. | **52.5 (11.4)** | | Ref. |
| Public Insurance | 7,015 | **2.4 (0.3)** | **3.41 (2.03—5.71)** | **0.9 (0.2)** | **2.54 (1.23—5.26)** | **39.1 (6.2)** | | 0.75 (0.44—1.26) |
| No Insurance | 739 | **1.3\*\* (0.7)** | 1.83 (0.61—5.46) | **0.8\*\* (0.6)** | 2.24 (0.52—9.58) | **64.1\* (23.3)** | | 1.22 (0.53—2.80) |

SE = Standard Error. 95% CI = 95% Confidence Interval

Percentage estimates in **bold and underlined** indicate a chi-square test p-value less than or equal to 0.001; percentage estimates in **bold** and not underlined indicate a chi-square test p-value between 0.001 and 0.05.

1 PR = Prevalence ratio. PR in **bold** indicates statistically significant difference from reference group at the =0.05 level and remains statistically significant after adjustment for other significant indicators in a logistic regression model. PR in *italics* indicates a prevalence ratio that is no longer statistically significant after adjusting for other significant indicators in a logistic regression model.

2 Multiple imputation used to estimate value for respondents with missing data on household income (9.4% were missing).

\* Estimate is unstable and may be unreliable. It has a relative standard error between 30% and 50% and should be interpreted with caution.

\*\* Estimate is unreliable. It has a relative standard error larger than 50% and should not be used except for inferential statistics (e.g., comparisons with other estimates).

# Table 2: Weighted Prevalence Estimates of Parent-Reported Attention-Deficit/Hyperactivity Disorder (ADHD) Diagnosis and Medication Treatment among U.S. Children Aged 2-5 Years by Sociodemographic Characteristics over Time (National Survey of Children’s Health, 2007-08 and 2011-12)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Current ADHD | | | |  | Current ADHD and Taking ADHD Medication | | | |  | Proportion Receiving Medication of Those with Current ADHD | | | |
|  | Weighted % | |  | |  | Weighted % | |  |  |  | Weighted % | |  |  |
| Characteristic | 2007 | 2011 | PR1 (95% CI) | |  | 2007 | 2011 | PR1 (95% CI) | |  | 2007 | 2011 | PR1 (95% CI) | |
| **Overall** | 1.0 | 1.5 | **1.57 (1.10—2.23)** | |  | 0.3 | 0.7 | **2.02 (1.22—3.34)** | |  | 34.5 | 43.7 | 1.27 (0.82—1.96) | |
| **Sex** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Boys | 1.4 | 2.1 | 1.49 (0.98—2.27) | |  | 0.5 | 1.0 | *1.94 (1.07—3.52)* | |  | 35.9 | 45.5 | 1.27 (0.76—2.10) | |
| Girls | 0.5 | 0.8 | 1.79 (0.94—3.40) | |  | 0.1\* | 0.3 | 2.03 (0.96—5.55) | |  | 30.1\* | 38.8 | 1.29 (0.57—2.92) | |
| **Age Group** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2-3 years | 0.4\* | 0.7\* | 1.75 (0.71—4.30) | |  | 0.1\*\* | 0.1\*\* | 0.9 (0.12—6.70) | |  | 24.5\*\* | 12.6\*\* | 0.51 (0.08—3.14) | |
| 4-5 years | 1.5 | 2.2 | *1.51 (1.03—2.20)* | |  | 0.5 | 1.2 | **2.16 (1.30—3.58)** | |  | 36.9 | 51.8 | 1.41 (0.91—2.16) | |
| **Race/Ethnicity** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Non-Hispanic White | 1.0 | 1.4 | 1.40 (0.86—2.28) | |  | 0.5 | 0.7 | 1.58 (0.86—2.90) | |  | 48.0 | 52.5 | 1.09 (0.67—1.80) | |
| Non-Hispanic Black | 1.2\* | 3.2 | **2.68 (1.16—6.20)** | |  | 0.1\*\* | 0.7\* | *14.26 (3.11—65.27)* | |  | 4.0\*\* | 21.3\* | **5.31 (1.04—27.19)** | |
| Hispanic, any race | 0.7\* | 0.7 | 1.02 (0.41—2.54) | |  | 0.0\*\* | 0.4\* | **14.09 (3.60—55.10)** | |  | 4.1\*\* | 56.7 | **13.76 (3.63—52.09)** | |
| Non-Hispanic Other | 1.4\*\* | 2.0 | 1.48 (0.47—4.72) | |  | 0.7\*\* | 1.0\* | 1.39 (0.29—6.67) | |  | 53.8\* | 50.5 | 0.94 (0.31—2.80) | |
| **Highest Education of Any Parent in Household** | | |  |  |  |  |  |  |  |  |  |  |  |  |
| Less than H.S. | 1.5\* | 1.9 | 1.28 (0.55—2.98) | |  | 0.3\*\* | 0.4\* | 1.37 (0.33—5.65) | |  | 18.3\*\* | 19.6\* | 1.07 (0.27—4.32) | |
| 12 years, H.S. Graduate | 1.7 | 1.8 | 1.08 (0.54—2.16) | |  | 0.7\* | 1.0 | 1.53 (0.63—3.71) | |  | 39.6\* | 56.1 | 1.42 (0.68—2.96) | |
| More than H.S. | 0.6 | 1.2 | **1.99 (1.27—3.13)** | |  | 0.2 | 0.5 | **2.66 (1.42—4.98)** | |  | 32.9 | 42.1 | 1.28 (0.73—2.24) | |
| **Household Income Relative to Federal Poverty Level**2 | | | |  |  |  |  |  |  |  |  |  |  |  |
| <100% | 1.8 | 2.7 | 1.49 (0.85—2.61) | |  | 0.6\* | 1.0 | 1.52 (0.62—3.76) | |  | 35.6\* | 36.2 | 1.02 (0.49—2.14) | |
| 100%-200% | 1.4 | 1.8 | 1.29 (0.64—2.60) | |  | 0.4\* | 1.0 | *2.50 (1.08—5.78)* | |  | 29.4\* | 56.8 | 1.94 (0.87—4.31) | |
| >200% | 0.5 | 0.8 | 1.58 (0.87—2.88) | |  | 0.2\* | 0.3\* | 1.91 (0.76—4.78) | |  | 38.9 | 43.9 | 1.13 (0.55—2.33) | |
| **Region** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Northeast | 0.9 | 1.5\* | 1.60 (0.68—3.77) | |  | 0.3\*\* | 0.6\* | 1.99 (0.50—7.98) | |  | 33.2\* | 41.3\* | 1.24 (0.41—3.81) | |
| Midwest | 1.2 | 2.1 | 1.76 (0.95—3.24) | |  | 0.6\* | 1.0 | 1.62 (0.70—3.72) | |  | 55.3 | 50.9 | 0.92 (0.52—1.64) | |
| South | 1.0 | 1.7 | 1.65 (0.91—2.99) | |  | 0.3\* | 0.7 | *2.26 (1.02—5.01)* | |  | 30.5\* | 41.9 | 1.37 (0.65—2.90) | |
| West | 0.6\* | 0.7 | 1.03 (0.45—2.35) | |  | 0.1\* | 0.2\* | *4.21 (1.53—11.62)* | |  | 9.5\* | 34.8 | **3.65 (1.17—11.42)** | |
| **Insurance Status** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Non-Public Insurance | 0.5 | 0.7 | 1.35 (0.65—2.80) | |  | 0.1\* | 0.4\* | **3.02 (1.12—8.16)** | |  | 24.8\* | 52.5 | 2.12 (0.84—5.31) | |
| Public Insurance | 1.8 | 2.4 | 1.37 (0.90—2.08) | |  | 0.7 | 0.9 | 1.31 (0.71—2.39) | |  | 41.0 | 39.1 | 0.95 (0.58—1.56) | |
| No Insurance | 0.6\*\* | 1.3\*\* | 2.09 (0.45—9.74) | |  | 0.1\*\* | 0.8\*\* | *8.77 (1.35—56.95)* | |  | 15.3\*\* | 64.1\* | 4.20 (0.72—24.46) | |

1 PR = Prevalence ratio. PR in **bold** indicates statistically significant difference in 2011-12 estimate compared to the estimate from 2007-08 at the =0.05 level and remains statistically significant after adjustment for other significant indicators in a logistic regression model. PR in *italics* indicates a prevalence ratio that is no longer statistically significant after adjusting for other significant indicators in a logistic regression model.

2 Multiple imputation used to estimate value for respondents with missing data on household income (8.9% in 2007-08 and 9.4% in 2011-12 were missing).

\* Estimate is unstable and may be unreliable. It has a relative standard error between 30% and 50% and should be interpreted with caution.

\*\* Estimate is unreliable. It has a relative standard error larger than 50% and should not be used except for inferential statistics (e.g., comparisons with other estimates).

# Supplemental Table 1: Weighted prevalence of treatments received by children aged 2-5 years with a special health care need and current ADHD (National Survey of Children with Special Health Care Needs, 2009-10)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | |  |  | Mutually exclusive treatment group combinations for past year behavioral treatment and past week ADHD medication treatment | | | |
|  | Medication  in past week | | Behavioral treatment1 in past year | | Medication and behavioral treatment1 | Behavioral treatment1 only | Medication only | Neither behavioral treatment1 nor medication |
| Characteristic | Weighted % (SE) | PR2 (95% CI) | Weighted % (SE) | PR2 (95% CI) | Weighted % (SE) | Weighted % (SE) | Weighted % (SE) | Weighted % (SE) |
| **Overall** | 44.2 (4.6) |  | 52.8 (4.7) |  | 19.1 (3.1) | 33.7 (4.4) | 25.1 (4.2) | 22.1 (4.32) |
| **Sex** |  |  |  |  |  |  |  |  |
| Boys | 43.1 (4.9) | 0.90 (0.55—1.47) | 54.8 (5.2) | 1.18 (0.74—1.90) | 21.8 (3.8) | 33.0 (4.9) | 21.3 (3.5) | 23.9 (5.3) |
| Girls | 47.9 (10.8) | Ref. | 46.4 (10.3) | Ref. | 10.6\* (4.0) | 35.8 (9.4) | 37.3\*(11.8) | 16.3\* (5.6) |
| **Age Group** |  |  |  |  |  |  |  |  |
| 2-3 years | 29.0\* (9.9) | 0.62 (0.31—1.25) | 50.6 (10.6) | 0.95 (0.61—1.50) | 5.9\*\* (3.6) | 44.8 (10.6) | 23.1\* (9.7) | 26.3\* (8.5) |
| 4-5 years | 46.6 (5.1) | Ref. | 53.2 (5.2) | Ref. | 21.2 (3.6) | 31.9 (4.7) | 25.4 (4.6) | 21.4 (4.8) |
| **Race/Ethnicity**3 |  |  |  |  |  |  |  |  |
| Non-Hispanic White | 52.3 (5.4) | Ref. | 52.9 (5.4) | Ref. | 22.8 (4.7) | 30.1 (5.2) | 29.5 (4.8) | 17.6 (3.9) |
| Non-Hispanic Black | 45.1 (12.9) | 0.86 (0.48—1.56) | 35.3 (10.3) | 0.67 (0.36—1.22) | 11.3\* (5.6) | 24.0\* (8.2) | 33.8\* (13.5) | 30.9\* (12.0) |
| Hispanic, Any Race | 26.2\* (8.4) | *0.50 (0.26—0.97)* | 59.2 (12.0) | 1.12 (0.72—1.74) | 16.0\* (6.9) | 43.2 (12.0) | 10.2\* (4.3) | 30.6\* (12.2) |
| Non-Hispanic Other | 43.9 (11.1) | 0.84 (0.49—1.44) | 75.6 (9.3) | **1.43 (1.05—1.95)** | 25.7\* (8.6) | 49.9 (11.5) | 18.2\* (9.0) | 6.2\*\* (3.2) |
| **Highest Education of Any Parent in Household**3 | | |  |  |  |  |  |  |
| Less than H.S. | 43.9\* (13.5) | 1.09 (0.57—2.09) | 31.2\* (10.7) | 0.52 (0.26—1.05) | 8.4\*\* (4.6) | 22.9\* (9.5) | 35.5\* (13.5) | 33.3\* (13.6) |
| 12 years, H.S. Graduate | 52.9 (8.0) | 1.31 (0.89—1.93) | 58.5 (7.7) | 0.98 (0.72—1.33) | 33.1 (7.6) | 25.4 (7.3) | 19.8 (5.5) | 21.7\* (6.6) |
| More than H.S. | 40.4 (5.2) | Ref. | 59.8 (5.3) | Ref. | 17.5 (3.8) | 42.3 (5.7) | 22.9 (4.2) | 17.3 (4.1) |
| **Household Income Relative to Federal Poverty Level**3 | | |  |  |  |  |  |  |
| <100% | 53.0 (7.2) | 1.25 (0.80—1.94) | 41.2 (6.8) | 0.68 (0.45—1.03) | 22.5 (5.4) | 18.8 (5.4) | 30.5 (6.1) | 28.3 (7.3) |
| 100%-200% | 35.7 (8.7) | 0.84 (0.46—1.53) | 55.5 (10.3) | 0.92 (0.59—1.44) | 18.1\* (6.4) | 37.4 (9.8) | 17.6\* (6.1) | 26.9\* (10.7) |
| >200% | 42.6 (7.7) | Ref. | 60.4 (7.9) | Ref. | 17.1 (4.7) | 43.2 (7.4) | 25.5\* (8.0) | 14.2\* (4.8) |
| **Region** |  |  |  |  |  |  |  |  |
| Northeast | **18.5\* (6.1)** | 0.83 (0.35—1.98) | 50.8 (11.0) | 0.82 (0.49—1.35) | **12.8\* (4.9)** | **38.0 (10.2)** | **5.7\*\* (3.5)** | **43.5 (11.5)** |
| Midwest | **62.5 (8.4)** | **2.81 (1.50—5.26)** | 53.3 (8.6) | 0.86 (0.57—1.30) | **25.8 (7.7)** | **27.6 (8.2)** | **36.7 (8.3)** | **10.0\* (3.7)** |
| South | **59.5 (7.8)** | **2.68 (1.43—5.00)** | 49.0 (7.9) | 0.79 (0.52—1.19) | **25.1 (5.9)** | **23.9 (5.9)** | **34.4 (8.1)** | **16.6\* (7.0)** |
| West | **22.2 (6.5)** | Ref. | 62.2 (8.6) | Ref. | **7.2\* (3.2)** | **54.9 (9.3)** | **15.0\* (5.5)** | **22.9 (6.7)** |
| **Insurance Status** |  |  |  |  |  |  |  |  |
| Non-Public Insurance | 40.4 (7.8) | Ref. | 52.8 (8.5) | Ref. | 15.6\* (5.0) | 37.2 (8.3) | 24.8 (6.4) | 22.4\* (8.3) |
| Public Insurance | 46.3 (5.8) | 1.14 (0.73—1.80) | 54.5 (5.9) | 1.03 (0.71—1.51) | 21.7 (4.1) | 32.8 (5.2) | 24.6 (5.5) | 21.0 (5.1) |
| No Insurance | 39.8\*\* (24.4) | 0.98 (0.28—3.47) | 18.1\*\* (12.3) | 0.34 (0.09—1.35) | 1.0\*\* (1.0) | 17.1\*\* (12.1) | 38.8\*\* (24.5) | 43.1\*\* (23.0) |
| **ADHD Severity** |  |  |  |  |  |  |  |  |
| Mild | 33.1 (7.1) | Ref. | 51.2 (8.3) | Ref. | 8.8\* (3.2) | 42.4 (8.7) | 24.3 (6.5) | 24.5 (6.8) |
| Moderate | 44.7 (7.2) | 1.35 (0.80—2.29) | 45.1 (6.9) | 0.88 (0.57—1.36) | 12.7 (3.6) | 32.5 (6.1) | 32.1 (7.4) | 22.8 (6.4) |
| Severe | 52.6 (9.2) | 1.59 (0.92—2.73) | 66.2 (9.1) | 1.29 (0.85—1.97) | 37.3 (8.1) | 28.9 (8.3) | 15.2\* (4.9) | 18.6\* (9.3) |
| **Presence of a Current Co-occurring Mental or Developmental Condition4** | | | |  |  |  |  |  |
| Yes | 39.8 (4.8) | 0.69 (0.46—1.06) | **59.2 (5.3)** | 1.81 (0.99—3.28) | 22.0 (3.8) | 37.3 (5.0) | 17.8 (3.3) | 23.0 (5.3) |
| ­No | 57.3 (10.3) | Ref. | **32.8 (9.6)** | Ref. | 9.3\* (3.9) | 23.5\* (9.1) | 48.0 (10.9) | 19.2\* (6.4) |

SE = Standard Error. 95% CI = 95% Confidence Interval

Percentage estimates in **bold and underlined** indicate a chi-square test p-value less than or equal to 0.001; percentage estimates in **bold** and not underlined indicate a chi-square test p-value between 0.001 and 0.05.

1 Parents of children with current ADHD were asked if in the past year, their child had received behavioral treatment for ADD or ADHD, such as classroom management, peer interventions, social skills training, or cognitive-behavioral therapy.

2 PR = Prevalence ratio. PR in **bold** indicates statistically significant difference from reference group at the =0.05 level and remains statistically significant after adjustment for other significant indicators in a logistic regression model. PR in *italics* indicates a prevalence ratio that is no longer statistically significant after adjusting for other significant indicators in a logistic regression model.

3 Multiple imputation used to estimate value for respondents with missing data on race/ethnicity (1.2% of respondents), household education (1.2%), and household income (6.7%).

4 Current co-occurring mental or developmental conditions considered in this analysis were depression, anxiety problems, behavioral or conduct problems, autism spectrum disorder, developmental delay, and intellectual disability or mental retardation.

\* Estimate is unstable and may be unreliable. It has a relative standard error between 30% and 50% and should be interpreted with caution.

\*\* Estimate is unreliable. It has a relative standard error larger than 50% and should not be used except for inferential statistics (e.g., comparisons with other estimates).

# Supplemental Table 2: Weighted proportion of children taking stimulant and non-stimulant medication for ADHD among CSHCN aged 2-5 with current ADHD who were reported to have taken medication for ADHD in past week (National Survey of Children with Special Health Care Needs, 2009-10)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Took a stimulant1 medication for ADHD  in past week | | Took a non-stimulant2 medication for ADHD in past week | |
| Characteristic | Weighted % (SE) | PR3 (95% CI) | Weighted % (SE) | PR3 (95% CI) |
| **Overall** | 69.6 (5.6) |  | 33.5 (5.9) |  |
| **Sex** |  |  |  |  |
| Boys | 65.6 (6.1) | 0.81 (0.59—1.11) | 33.6 (6.2) | 1.02 (0.40—2.57) |
| Girls | 81.4 (10.8) | Ref. | 33.1\* (14.5) | Ref. |
| **Age Group** |  |  |  |  |
| 2-3 years | 39.9\*\* (20.7) | 0.55 (0.20—1.53) | 49.2\* (20.6) | 1.54 (0.62—3.80) |
| 4-5 years | 72.6 (5.7) | Ref. | 32.0 (6.1) | Ref. |
| **Race/Ethnicity**4 |  |  |  |  |
| Non-Hispanic White | 61.8 (7.2) | Ref. | 41.2 (7.4) | Ref. |
| Non-Hispanic Black | 79.6 (13.0) | 1.29 (0.87—1.91) | 23.0\*\* (13.9) | 0.56 (0.16—1.92) |
| Hispanic, Any Race | 65.7 (15.0) | 1.06 (0.64—1.76) | 39.2\* (15.0) | 0.95 (0.42—2.18) |
| Non-Hispanic Other | 92.2 (5.2) | **1.49 (1.16—1.92)** | 10.4\*\* (5.9) | **0.25 (0.08—0.82)** |
| **Highest Education of Any Parent in Household**4 | |  |  |  |
| Less than H.S. | 76.1 (13.7) | 1.08 (0.72—1.62) | 27.4 (14.6) | 1.09 (0.34—3.44) |
| 12 years, H.S. Graduate | 63.4 (9.9) | 0.90 (0.63—1.30) | 52.1 (10.5) | **2.06 (1.09—3.89)** |
| More than H.S. | 70.2 (7.1) | Ref. | 25.2 (6.4) | Ref. |
| **Household Income Relative to Federal Poverty Level**4 | |  |  |  |
| <100% | 72.3 (7.8) | 1.11 (0.75—1.67) | 37.6 (8.3) | 1.40 (0.61—3.21) |
| 100%-200% | 73.3 (9.4) | 1.13 (0.74—1.73) | 38.2\* (12.5) | 1.42 (0.55—3.70) |
| >200% | 64.9 (11.3) | Ref. | 26.8\* (9.7) | Ref. |
| **Region** |  |  |  |  |
| Northeast | 89.8 (6.3) | 1.35 (0.90—2.02) | 19.0\* (9.1) | 0.70 (0.20—2.48) |
| Midwest | 61.0 (11.1) | 0.92 (0.55—1.54) | 33.0\* (10.0) | 1.22 (0.43—3.44) |
| South | 70.9 (8.1) | 1.07 (0.69—1.66) | 37.1 (9.2) | 1.37 (0.51—3.65) |
| West | 66.6 (12.9) | Ref. | 27.1\* (11.8) | Ref. |
| **Insurance Status** |  |  |  |  |
| Non-Public Insurance | 73.5 (8.9) | Ref. | 34.0\* (10.8) | Ref. |
| Public Insurance | 70.4 (6.8) | 0.96 (0.71—1.30) | 31.1 (6.8) | 0.92 (0.43—1.95) |
| No Insurance | \*\*\* |  | \*\*\* |  |
| **ADHD Severity** |  |  |  |  |
| Mild | 60.1 (11.2) | Ref. | 31.4\* (10.5) | Ref. |
| Moderate | 75.5 (8.2) | 1.26 (0.82—1.92) | 27.1 (8.0) | 0.86 (0.36—2.08) |
| Severe | 66.7 (9.5) | 1.11 (0.70—1.76) | 42.8 (10.1) | 1.36 (0.61—3.05) |
| **Presence of a Current Co-occurring Mental or Developmental Disorder5** | | | |  |
| Yes | 63.3 (6.5) | 0.77 (0.57—1.03) | 42.3 (6.7) | 2.76 (0.88—8.63) |
| No | 82.4 (9.0) | Ref. | 15.3\*\* (8.6) | Ref. |

Percentage estimates in **bold and underlined** indicate a chi-square test p-value less than or equal to 0.001; percentage estimates in **bold** and not underlined indicate a chi-square test p-value between 0.001 and 0.05.

1 Stimulant medications reported included brand name and generic formulations of amphetamine and mixed amphetamine salts, dextroamphetamine, dexmethylphenidate, lisdexamfetamine, and methylphenidate.

2 Non-stimulant medications reported included brand name and generic formulations of aripiprazole, atomoxetine, clonidine, fluoxetine, guanfacine, risperidone, and sertraline.

3 PR = Prevalence ratio. PR in **bold** indicates statistically significant difference from reference group at the =0.05 level and remains statistically significant after adjustment for other significant indicators in a logistic regression model. PR in *italics* indicates a prevalence ratio that is no longer statistically significant after adjusting for other significant indicators in a logistic regression model.

4 Multiple imputation used to estimate value for respondents with missing data on race/ethnicity (1.2% of respondents), household education (1.2%), and household income (6.7%).

5 Current co-occurring mental or developmental conditions considered in this analysis were depression, anxiety problems, behavioral or conduct problems, autism spectrum disorder, developmental delay, and intellectual disability or mental retardation.

\* Estimate is unstable and may be unreliable. It has a relative standard error between 30% and 50% and should be interpreted with caution.

\*\* Estimate is unreliable. It has a relative standard error larger than 50% and should not be used except for inferential statistics (e.g., comparisons with other estimates).

\*\*\* Too few respondents (n<5) to produce stable estimates; results suppressed