**Supplementary Table 1.** Age-adjusteda prevalence of self-reported hysterectomy among adult women aged >18 years, by US census region and division, state, and territory -- Behavioral Risk Factor Surveillance System, United States, 2012-2020.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |   | **Overall (2012-2020)** |  | **2020** | **2012** |  | **Absolute % change 2012-2020 (95% CI)c** |
|  |   | **No.b** | **Weighted %** | **95% CI** |  | **Weighted % (95% CI)** | **Weighted % (95% CI)** |  |
|  |  |  |  |  |  |  |  |  |  |
| **OVERALL** |   | 333,362 | 17.9 | (17.8, 18.0) |   | 17.0 (16.6, 17.3) | 18.9 (18.6, 19.1) |   | -1.9 (-2.3, -1.5) |
|  |   |  |  |  |   |  |  |   |  |
|  |  |  |  |  |  |  |  |  |  |
| **NORTHEASTd** |   | 46,709 | 12.9 | (12.7, 13.1) |   | 12.0 (11.5, 12.6) | 13.9 (13.4, 14.4) |   | -1.9 (-2.6, -1.1) |
| **New Englande**  |   | 25,651 | 12.7 | (12.4, 13.0) |   | 11.8 (11.2, 12.5) | 13.3 (12.9, 13.7) |   | -1.5 (-2.2, -0.7) |
| Connecticut  |   | 3,866 | 13.0 | (12.5, 13.6) |   | 12.0 (10.8, 13.3) | 13.0 (12.1, 14.1) |   | -1.0 (-2.6, 0.6) |
| Maine  |   | 7,478 | 17.5 | (16.9, 18.0) |   | 17.5 (16.1, 18.9) | 18.2 (17.1, 19.3) |   | -0.7 (-2.5, 1.1) |
| Massachusetts |   | 5,757 | 11.2 | (10.8, 11.7) |   | 10.0 (9.0, 11.2) | 11.7 (11.0, 12.4) |   | -1.7 (-3.0, -0.4) |
| New Hampshire |   | 3,235 | 13.8 | (13.2, 14.5) |   | 13.7 (12.5, 15.1) | 15.0 (13.7, 16.4) |   | -1.3 (-3.1, 0.6) |
| Rhode Island  |   | 2,720 | 14.3 | (13.6, 15.0) |   | 13.0 (11.6, 14.6) | 15.3 (14.0, 16.8) |   | -2.3 (-4.4, -0.3) |
| Vermont  |   | 2,595 | 12.2 | (11.6, 12.8) |   | 11.6 (10.3, 13.0) | 12.6 (11.6, 13.8) |   | -1.1 (-2.8, 0.7) |
| **Middle Atlantice** |   | 21,058 | 13.0 | (12.6, 13.3) |   | 12.1 (11.4, 12.8) | 14.1 (13.4, 14.8) |   | -2.0 (-3.0, -1.0) |
| New Jersey |   | 4,744 | 11.1 | (10.6, 11.7) |   | 10.5 (9.4, 11.8) | 11.6 (10.8, 12.5) |   | -1.1 (-2.5, 0.3) |
| New York  |   | 9,895 | 12.1 | (11.6, 12.6) |   | 10.9 (10.1, 11.8) | 14.0 (12.6, 15.4) |   | -3.0 (-4.7, -1.4) |
| Pennsylvania  |   | 6,419 | 15.4 | (14.9, 16.0) |   | 15.0 (13.4, 16.7) | 15.9 (15.2, 16.8) |   | -1.0 (-2.8, 0.9) |
|  |  |  |  |  |  |  |  |  |  |
|  |   |  |  |  |   |  |  |   |  |
| **MIDWESTd** |   | 88,835 | 18.2 | (17.9, 18.4) |   | 17.1 (16.6, 17.6) | 18.7 (18.2, 19.1) |   | -1.6 (-2.2, -0.9) |
| **East North Centrale** |   | 33,089 | 17.9 | (17.6, 18.2) |   | 16.8 (16.1, 17.5) | 18.4 (17.9, 19.0) |   | -1.7 (-2.6, -0.8) |
| Illinois  |   | 3,036 | 15.0 | (14.4, 15.7) |   | 13.9 (12.4, 15.7) | 15.4 (14.3, 16.7) |   | -1.5 (-3.6, 0.6) |
| Indiana  |   | 8,383 | 21.0 | (20.4, 21.5) |   | 19.0 (17.8, 20.2) | 21.6 (20.4, 22.7) |   | -2.6 (-4.3, -0.9) |
| Michigan  |   | 7,238 | 18.5 | (18.0, 19.1) |   | 17.6 (16.2, 19.0) | 19.5 (18.4, 20.6) |   | -2.0 (-3.7, -0.2) |
| Ohio  |   | 10,893 | 19.3 | (18.7, 19.8) |   | 18.4 (17.3, 19.6) | 19.8 (18.7, 20.9) |   | -1.4 (-3.0, 0.2) |
| Wisconsin  |   | 3,539 | 17.0 | (16.2, 17.8) |   | 16.2 (14.4, 18.1) | 17.0 (15.3, 18.8) |   | -0.8 (-3.4, 1.7) |
| **West North Centrale** |   | 55,746 | 18.8 | (18.5, 19.0) |   | 17.9 (17.4, 18.4) | 19.3 (18.7, 19.8) |   | -1.4 (-2.1, -0.6) |
| Iowa  |   | 5,610 | 17.3 | (16.8, 17.8) |   | 17.3 (16.1, 18.4) | 17.6 (16.4, 18.8) |   | -0.3 (-2.0, 1.3) |
| Kansas  |   | 10,492 | 21.9 | (21.4, 22.4) |   | 20.5 (19.4, 21.7) | 22.2 (21.2, 23.2) |   | -1.7 (-3.2, -0.1) |
| Minnesota  |   | 8,791 | 15.3 | (14.9, 15.7) |   | 13.7 (13.0, 14.5) | 15.8 (14.8, 16.7) |   | -2.1 (-3.3, -0.9) |
| Missouri  |   | 6,678 | 20.8 | (20.1, 21.5) |   | 20.3 (19.0, 21.6) | 21.0 (19.6, 22.5) |   | -0.7 (-2.7, 1.3) |
| Nebraska  |   | 14,312 | 19.6 | (19.1, 20.1) |   | 18.8 (17.7, 19.9) | 21.2 (20.2, 22.2) |   | -2.4 (-3.8, -1.0) |
| North Dakota  |   | 4,645 | 19.9 | (19.1, 20.7) |   | 18.4 (16.5, 20.4) | 20.7 (19.1, 22.5) |   | -2.4 (-5.0, 0.2) |
| South Dakota  |   | 5,218 | 19.3 | (18.3, 20.3) |   | 19.0 (16.4, 21.9) | 20.0 (18.3, 21.7) |   | -1.0 (-4.2, 2.3) |
|  |  |  |  |  |  |  |  |  |  |
|  |   |  |  |  |   |  |  |   |  |
| **SOUTHd** |   | 122,560 | 21.1 | (20.9, 21.4) |   | 20.4 (19.8, 21.0) | 22.2 (21.7, 22.6) |   | -1.8 (-2.6, -1.1) |
| **South Atlantice** |   | 62,513 | 19.3 | (19.0, 19.6) |   | 18.5 (17.7, 19.2) | 20.7 (20.1, 21.3) |   | -2.2 (-3.2, -1.2) |
| Delaware  |   | 3,071 | 16.2 | (15.5, 16.9) |   | 14.2 (12.7, 15.9) | 18.0 (16.4, 19.7) |   | -3.8 (-6.1, -1.5) |
| District of Columbia  |   | 2,001 | 11.7 | (11.1, 12.3) |   | 10.5 (9.2, 12.1) | 11.2 (10.0, 12.5) |   | -0.7 (-2.6, 1.2) |
| Florida  |   | 14,259 | 17.8 | (17.2, 18.5) |   | 18.2 (16.3, 20.3) | 19.2 (17.7, 20.8) |   | -1.0 (-3.5, 1.5) |
| Georgia  |   | 6,775 | 22.6 | (21.9, 23.2) |   | 21.2 (19.7, 22.7) | 24.8 (23.4, 26.3) |   | -3.7 (-5.8, -1.6) |
| Maryland  |   | 8,067 | 16.0 | (15.4, 16.5) |   | 14.1 (13.2, 15.1) | 17.1 (16.1, 18.2) |   | -3.0 (-4.4, -1.6) |
| North Carolina  |   | 5,935 | 20.5 | (19.9, 21.2) |   | 19.2 (17.7, 20.8) | 22.0 (21.0, 23.2) |   | -2.8 (-4.7, -1.0) |
| South Carolina  |   | 10,540 | 23.5 | (22.9, 24.1) |   | 21.9 (20.1, 23.8) | 25.1 (23.9, 26.3) |   | -3.2 (-5.5, -1.0) |
| Virginia  |   | 6,622 | 17.3 | (16.8, 17.8) |   | 16.2 (15.1, 17.5) | 18.4 (17.3, 19.5) |   | -2.1 (-3.8, -0.5) |
| West Virginia  |   | 5,243 | 22.3 | (21.6, 23.0) |   | 21.1 (19.6, 22.8) | 22.6 (21.2, 24.1) |   | -1.5 (-3.6, 0.7) |
| **East South Centrale** |   | 30,672 | 25.6 | (25.2, 26.0) |   | 24.0 (23.1, 25.0) | 25.8 (25.1, 26.5) |   | -1.8 (-2.9, -0.6) |
| Alabama  |   | 9,138 | 29.2 | (28.5, 29.9) |   | 27.2 (25.6, 28.9) | 30.4 (29.0, 31.9) |   | -3.2 (-5.4, -1.0) |
| Kentucky  |   | 8,779 | 22.5 | (21.8, 23.2) |   | 21.9 (20.0, 24.0) | 22.6 (21.4, 23.9) |   | -0.7 (-3.0, 1.7) |
| Mississippi  |   | 7,247 | 27.8 | (27.1, 28.6) |   | 26.7 (25.2, 28.3) | 27.9 (26.5, 29.3) |   | -1.1 (-3.2, 1.0) |
| Tennessee  |   | 5,508 | 23.9 | (23.2, 24.8) |   | 21.8 (20.1, 23.6) | 23.4 (22.2, 24.8) |   | -1.7 (-3.9, 0.6) |
| **West South Centrale** |   | 29,375 | 22.2 | (21.7, 22.7) |   | 21.9 (20.6, 23.3) | 23.0 (22.1, 23.9) |   | -1.1 (-2.7, 0.5) |
| Arkansas  |   | 5,061 | 27.0 | (26.0, 28.0) |   | 27.6 (25.5, 29.8) | 26.9 (25.0, 28.8) |   | 0.7 (-2.2, 3.6) |
| Louisiana  |   | 7,382 | 27.4 | (26.7, 28.2) |   | 27.0 (25.1, 29.0) | 28.4 (27.0, 29.8) |   | -1.4 (-3.8, 1.0) |
| Oklahoma  |   | 7,225 | 25.5 | (24.9, 26.2) |   | 24.8 (23.0, 26.7) | 26.1 (25.8, 27.4) |   | -1.3 (-3.6, 1.0) |
| Texas  |   | 9,707 | 20.3 | (19.6, 21.0) |   | 20.2 (18.4, 22.0) | 21.1 (19.9, 22.4) |   | -0.9 (-3.1, 1.3) |
|  |  |  |  |  |  |  |  |  |  |
|  |   |  |  |  |   |  |  |   |  |
| **WESTd** |   | 70,239 | 16.2 | (15.9, 16.5) |   | 14.9 (14.0, 15.7) | 17.7 (17.2, 18.2) |   | -2.8 (-3.8, -1.8) |
| **Mountaine** |   | 48,596 | 19.5 | (19.2, 19.7) |   | 18.6 (18.0, 19.3) | 20.6 (20.0, 21.2) |   | -1.9 (-2.8, -1.1) |
| Arizona  |   | 6,974 | 19.2 | (18.5, 19.9) |   | 18.0 (16.8, 19.4) | 20.5 (18.9, 22.2) |   | -2.5 (-4.6, -0.3) |
| Colorado  |   | 8,143 | 18.0 | (17.5, 18.5) |   | 17.2 (16.1, 18.3) | 19.2 (18.2, 20.2) |   | -2.0 (-3.5, -0.5) |
| Idaho  |   | 4,905 | 23.3 | (22.4, 24.2) |   | 22.4 (20.6, 24.2) | 25.6 (23.7, 27.7) |   | -3.3 (-6.0, -0.6) |
| Montana  |   | 5,540 | 21.1 | (20.3, 21.8) |   | 19.7 (18.2, 21.4) | 21.4 (20.1, 22.8) |   | -1.7 (-3.8, 0.5) |
| Nevada  |   | 2,958 | 18.4 | (17.5, 19.4) |   | 18.7 (16.2, 21.4) | 19.3 (17.6, 21.2) |   | -0.6 (-3.8, 2.5) |
| New Mexico  |   | 5,690 | 18.0 | (17.4, 18.7) |   | 17.7 (16.0, 19.5) | 19.3 (18.2, 20.4) |   | -1.6 (-3.6, 0.5) |
| Utah  |   | 8,795 | 21.7 | (21.2, 22.2) |   | 20.4 (19.3, 21.5) | 22.6 (21.6, 23.6) |   | -2.2 (-3.7, -0.7) |
| Wyoming  |   | 5,591 | 24.0 | (23.1, 24.9) |   | 24.1 (22.1, 26.3) | 22.8 (21.1, 24.7) |   | 1.3 (-1.5, 4.0) |
| **Pacifice** |   | 21,643 | 14.7 | (14.3, 15.1) |   | 13.0 (11.8, 14.3) | 16.4 (15.7, 17.1) |   | -3.3 (-4.8, -1.9) |
| Alaska  |   | 1,981 | 17.2 | (16.2, 18.3) |   | 14.4 (12.4, 16.6) | 18.6 (16.6, 20.8) |   | -4.3 (-7.2, -1.3) |
| California  |   | 4,730 | 13.9 | (13.4, 14.5) |   | 12.1 (10.6, 13.9) | 15.5 (14.5, 16.4) |   | -3.3 (-5.3, -1.4) |
| Hawaii  |   | 3,437 | 11.4 | (10.8, 11.9) |   | 10.9 (9.8, 12.1) | 11.9 (10.7, 13.3) |   | -1.1 (-2.8, 0.6) |
| Oregon  |   | 4,039 | 18.7 | (18.0, 19.4) |   | 16.3 (15.0, 17.7) | 20.9 (19.5, 22.5) |   | -4.7 (-6.7, -2.6) |
| Washington  |   | 7,456 | 17.0 | (16.5, 17.6) |   | 15.3 (14.3, 16.4) | 18.6 (17.7, 19.5) |   | -3.2 (-4.6, -1.9) |
|  |  |  |  |  |  |  |  |  |  |
|  |   |  |  |  |   |  |  |   |  |
| **US Territories** |   | 5,019 | 17.6 | (16.9, 18.3) |   | 17.0 (15.1, 19.0) | 17.3 (16.2, 18.5) |   | -0.3 (-2.6, 1.9) |
| Guam |   | 622 | 11.0 | (9.8, 12.3) |   | 7.7 (5.4, 10.9) | 14.7 (12.3, 17.6) |   | -7.0 (-10.8, -3.2) |
| Puerto Rico |   | 4,200 | 17.8 | (17.1, 18.5) |   | 17.2 (15.3, 19.3) | 17.4 (16.3, 18.6) |   | -0.2 (-2.5, 2.1) |
|  |  |  |  |  |  |  |  |  |  |

**Abbreviations:**

CI, confidence interval

**Notes:**

a. Age adjusted to the 2000 US standard population using the direct method.

b. Unweighted frequency.

c. Absolute percent change = hysterectomy prevalence in 2020 – hysterectomy prevalence in 2012.

d. U.S. census region.

e. U.S. census division.

**Supplementary Table 2.** Age-adjusteda prevalence of self-reported hysterectomy among adult women aged >18 years, by US census divisionsb and race and ethnicity -- Behavioral Risk Factor Surveillance System, United States, 2012-2020.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Northeast** |  | **Midwest** |  | **South** |  | **West** |
| **Race** | **New England** | **Middle Atlantic** |  | **East North Central** | **West North Central** |  | **South Atlantic** | **East South Central** | **West South Central** |  | **Mountain** | **Pacific** |
| non-Hispanic White | 12.3 | 12.8 |  | 17.8 | 18.7 |  | 19.6 | 25.8 | 23.9 |  | 20.2 | 16.1 |
| non-Hispanic Black | 17.2 | 15.3 |  | 21.0 | 21.8 |  | 21.7 | 26.0 | 25.9 |  | 22.4 | 17.2 |
| non-Hispanic Asian | 6.8 | 8.9 |  | 10.9 | 8.1 |  | 7.5 | 9.0 | 10.9 |  | 10.1 | 9.0 |
| non-Hispanic NHPI | 18.0 | 13.6 |  | 6.3 | 20.6 |  | 18.9 | 24.7 | 25.1 |  | 15.2 | 15.9 |
| non-Hispanic AI/AN | 16.5 | 19.9 |  | 20.4 | 22.3 |  | 22.7 | 28.3 | 27.1 |  | 16.5 | 16.8 |
| Hispanic | 16.0 | 12.6 |  | 15.4 | 17.3 |  | 15.0 | 19.9 | 16.3 |  | 17.7 | 12.7 |

**Abbreviations:**

AI/AN, American Indian and Alaska Native; NHPI, Native Hawaiian and Pacific Islander

**Notes:**

a. Age adjusted to the 2000 US standard population using the direct method.

b. US census divisions:

Northeast/New England: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont

Northeast/Middle Atlantic: New Jersey, New York, Pennsylvania

Midwest/East North Central: Indiana, Illinois, Michigan, Ohio, Wisconsin

Midwest/West North Central: Iowa, Nebraska, Kansas, North Dakota, Minnesota, South Dakota, Missouri

South/South Atlantic: Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, West Virginia

South/East South Central: Alabama, Kentucky, Mississippi, Tennessee

South/West South Central: Arkansas, Louisiana, Oklahoma, Texas

West/Mountain: Arizona, Colorado, Idaho, New Mexico, Montana, Utah, Nevada, Wyoming

West/Pacific: Alaska, California, Hawaii, Oregon, Washington