To examine factors associated with awareness of MenB vaccines for parents and caregivers of adolescents aged 16-21 years in the United States.

**OBJECTIVE**

Examine factors associated with awareness of MenB vaccines for parents and caregivers of adolescents aged 16-21 years in the United States.

**METHODS**

- **Sample:** A nationally representative sample of parents and caregivers of at least one dependent 16-21 year old in the United States who were interviewed between October and December of 2016.

- **Survey:** The survey was conducted using a random digit dialing methodology to select households at the household level.

- **Data Collection:** Data were collected using a computer-assisted telephone interviewing (CATI) system.

- **Analysis:** Multivariate logistic regression models were developed to identify sociodemographic characteristics associated with MenB vaccine awareness.

- **Results:** The final sample included 23,892 respondents.

**RESULTS**

- **Awareness Among Adolescents:** 57% of respondents had heard of MenB vaccine.
- **Factors Associated with Awareness:**
  - **Male:** 58% awareness vs. 50% for females (odds ratio: 2.13, 95% CI: 1.78, 2.56)
  - **Race/Ethnicity:**
    - **White:** 64% awareness
    - **Black:** 45% awareness
    - **Hispanic:** 42% awareness
  - **Household Income:**
    - **< $30,000:** 50% awareness
    - **$30,000-$49,999:** 54% awareness
    - **$50,000-$74,999:** 57% awareness
    - **$75,000 or more:** 60% awareness

**TABLE 1: Factors Associated with MenB vaccine awareness or utilization from logistic regression models**

<table>
<thead>
<tr>
<th>Category</th>
<th>MenB Vaccine Awareness vs. Unaware</th>
<th>Odds Ratios and Associated 95% Confidence Interval</th>
<th>p-value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Age</td>
<td></td>
<td>Odds Ratio (95% CI)</td>
<td></td>
</tr>
<tr>
<td>Gender</td>
<td>Male vs. Female</td>
<td>1.05 (1.03, 1.08)</td>
<td>&lt;0.001</td>
</tr>
<tr>
<td>Race/Ethnicity</td>
<td>Hispanic vs. Black &amp; Others, Non-Hispanic</td>
<td>1.04 (1.01, 1.07)</td>
<td>0.010</td>
</tr>
<tr>
<td>Education</td>
<td>Higher than High School or College or above</td>
<td>1.04 (1.00, 1.07)</td>
<td>0.010</td>
</tr>
<tr>
<td>Provider</td>
<td>Doctor/Nurse mentioned</td>
<td>1.02 (1.00, 1.05)</td>
<td>0.073</td>
</tr>
<tr>
<td>Age</td>
<td>1.01 (1.00, 1.02)</td>
<td>1.00 (1.00, 1.01)</td>
<td>1.00 (1.00, 1.01)</td>
</tr>
</tbody>
</table>

**REFERENCE**

Liping Huang, MD, MA, MS1 Amanda Dempsey, MDP Alex Galkitsky, Mansour Fahimi, PhD Amti Sinharaja, PhD2 Pfizer Inc, Collegeville, PA; University of Colorado, Denver, CO, NIH, New York, NY, GfK, New York, NY, North Potomac, MD

1. GfK, North Potomac, MD
2. University of Michigan National Poll on Children’s Health