Physician COVID-19 Vaccination Study (Final Report)

June 2021
EISAMR
Objectives & Methodology

Objective:
• The AMA’s Advocacy team would like to survey practicing physicians to determine current COVID-19 vaccination rates.

Methodology:
• AMA developed the survey questionnaire and WebMD programmed and fielded the 5–7 minute survey through their physician panel
  • The survey was fielded from June 3 to June 8, 2021.
• Sample size – N=301; respondent mix includes:
  • N=150 PCPs (Family Medicine, Internal Medicine, General Medicine, Pediatrics, OB/GYN)
  • N=151 Specialists (All other specialties)
Executive Summary

• 96% of physicians have been fully vaccinated for COVID-19.
  • The most common vaccine received was Pfizer-BioNTech (64%), followed by Moderna (34%) and Johnson & Johnson/Janssen (2%).

• The most common reason for not receiving the vaccine was concern about the vaccine being too new and having unknown long-term effects.

• There were no significant differences in physician vaccination rates across various demographic groups, including: PCP vs Specialist, region, gender, age, and race.
  • However, there was a significant difference in vaccination rates among Hispanics (84%) and Non-Hispanics (97%).
96% of physicians have been fully vaccinated for COVID-19

Have you been fully vaccinated for the coronavirus? N=301

Yes: 96%
No: 4%

Which COVID-19 vaccine did you receive? N=290

- Pfizer-BioNTech: 64%
- Moderna: 34%
- Johnson & Johnson/Janssen: 2%

[LEFT] Q1. Have you been fully vaccinated for the coronavirus? [RIGHT] Q3. (Only for Q1=Yes) Among the multiple vaccines approved for use in the U.S., which COVID-19 vaccine did you receive?
5 of 11 non-vaccinated physicians plan to receive the COVID-19 vaccine; the most common reason for not receiving the vaccine was that it was too new and has unknown long-term effects.

Do you plan to receive the COVID-19 vaccine? N=11

- Yes: 5
- No: 6

What is the primary reason why you are not fully vaccinated for the coronavirus? N=11

- I believe that the coronavirus vaccines are too new and long-term effects are unknown: 7
- I’m concerned about vaccine side effects, given my underlying health conditions: 2
- Other: 2

Other reasons

- Vaccine not recommended due to medical issues: 1
- Contracted COVID-19 and received first vaccine shot: 1
# Demographics

<table>
<thead>
<tr>
<th>Region</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Northeast (ME, NH, VT, MA, RI, CT, NY, NJ, PA)</td>
<td>19%</td>
</tr>
<tr>
<td>Midwest (WI, IL, MI, IN, OH, ND, SD, NE, KS, MN, IA, MO)</td>
<td>20%</td>
</tr>
<tr>
<td>South (KY, TN, MS, AL, FL, GA, SC, NC, VA, WV, DC, MD, DE, TX, OK, AR, LA)</td>
<td>34%</td>
</tr>
<tr>
<td>West (MT, ID, WY, NV, UT, CO, AZ, NM, WA, OR, CA, AK, HI)</td>
<td>27%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Specialty</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary Care Physician (Family Medicine + General Medicine + Internal Medicine + Pediatrics + OB/GYN)</td>
<td>50%</td>
</tr>
<tr>
<td>Specialist (All others not listed above)</td>
<td>50%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Gender</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>61%</td>
</tr>
<tr>
<td>Female</td>
<td>39%</td>
</tr>
<tr>
<td>Other</td>
<td>0%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ethnicity/Race</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hispanic</td>
<td>7%</td>
</tr>
<tr>
<td>Asian</td>
<td>23%</td>
</tr>
<tr>
<td>Black or African American</td>
<td>4%</td>
</tr>
<tr>
<td>Native American/Alaskan Native</td>
<td>0.4%</td>
</tr>
<tr>
<td>Native Hawaiian or Pacific Islander</td>
<td>0.4%</td>
</tr>
<tr>
<td>White</td>
<td>73%</td>
</tr>
<tr>
<td>Other</td>
<td>2%</td>
</tr>
</tbody>
</table>

D1. What state do you currently reside in? Select one.  
S2. What is your current medical specialty?  
D2. What is your gender? Select one.  
D5. What is your age?  
D3. What is your ethnicity? Select one.  
D4. What is your race? Select all that apply.
Vaccination Rate by Demographics

Hari Iyer
Member since 2017
There is no significant difference in vaccination rates between PCPs and Specialists

Have you been fully vaccinated for the coronavirus?

- Yes: 98% (PCP: 95%, Specialist: 98%)
- No: 2% (PCP: 2%, Specialist: 5%)

Q1. Have you been fully vaccinated for the coronavirus?
S2. What is your current medical specialty?
There is no significant difference in vaccination rates across different regions of the US

Have you been fully vaccinated for the coronavirus?

<table>
<thead>
<tr>
<th>Region</th>
<th>Yes (%)</th>
<th>No (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>North East</td>
<td>95%</td>
<td>2%</td>
</tr>
<tr>
<td>Mid West</td>
<td>97%</td>
<td>5%</td>
</tr>
<tr>
<td>South</td>
<td>96%</td>
<td>4%</td>
</tr>
<tr>
<td>West</td>
<td>98%</td>
<td>2%</td>
</tr>
</tbody>
</table>

Q1. Have you been fully vaccinated for the coronavirus?

D1. What state do you currently reside in? Select one.
There is no significant difference in vaccination rates between men and women physicians.

Have you been fully vaccinated for the coronavirus?

- Yes: 97% Male, 96% Female
- No: 3% Male, 4% Female

Q1. Have you been fully vaccinated for the coronavirus?
D2. What is your gender? Select one.
There is no significant difference in vaccination rates across various age groups.

Have you been fully vaccinated for the coronavirus?

- **Yes**
  - Under 35: 95% (N=22*)
  - 35-44: 97% (N=105)
  - 45-54: 96% (N=79)
  - 55-64: 93% (N=59)
  - 65+: 100% (N=32)

- **No**
  - Under 35: 5% (N=22*)
  - 35-44: 3% (N=105)
  - 45-54: 4% (N=79)
  - 55-64: 7% (N=59)
  - 65+: 0% (N=32)

*Caution: low base size*
Non-Hispanic physicians were significantly more likely to have been vaccinated than Hispanic physicians

Have you been fully vaccinated for the coronavirus?

- Yes
  - Hispanic: 84% (N=19*)
  - Non-Hispanic: 97% (N=261)
- No
  - Hispanic: 16%
  - Non-Hispanic: 3%
There is no significant difference in vaccination rates across White, Black, and Asian physicians.

Have you been fully vaccinated for the coronavirus?

- Yes: 96% (White: 98%, Black: 100%, Asian: 98%)
- No: 4% (White: 2%, Black: 0%, Asian: 0%)

Q1. Have you been fully vaccinated for the coronavirus?

D4. What is your race? Select all that apply.

* Caution: low base size