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Midseason Influenza Vaccine Use by Adults in the U.S.

Detailed Survey Data Tables

Katherine M. Harris, Juergen Maurer, and Nicole Lurie

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Table 1: Actual and Intended Receipt of Influenza Vaccine for Adults Age 18 and Older, Fall 2008

Indication	Unweighted Sample Size	Vaccinated Already		Intends to Be Vaccinated	
		Weighted %	95% Confidence Interval (%)	Weighted %	95% Confidence Interval (%)
All adults	3,969	29.6	27.0–32.1	16.6	14.4–18.7
No indication	525	13.5	9.4–17.6	16.4	11.6–21.3
Any indication	3,444	37.1	34.0–40.1	16.6	14.5–18.8

Table 2: Actual and Intended Receipt of Influenza Vaccine for Adults Age 18 and Older by Indication, Fall 2008

Indication	Unweighted Sample Size	Vaccinated Already		Intends to Be Vaccinated	
		Weighted %	95% Confidence Interval (%)	Weighted %	95% Confidence Interval (%)
Age 50 and older	2,997	46.5	43.4–49.6	18.6	16.2–21.0
High-risk health condition	1,394	42.3	37.3–47.2	17.8	14.5–21.2
Health worker or caregiver	870	29.5	24.2–34.8	12.7	9.1–16.3

Table 3: Actual and Intended Receipt of Influenza Vaccine for Adults Age 18 and Older by Selected High-Risk Health Condition, Fall 2008

Indication	Unweighted Sample Size	Vaccinated Already		Intends to Be Vaccinated	
		Weighted %	95% Confidence Interval (%)	Weighted %	95% Confidence Interval (%)
Asthma	473	32.8	25.3–40.3	14.7	9.8–19.6
Chronic lung disease	155	62.9	49.5–76.2	15.8	7.1–24.6
Diabetes	658	52.3	45.2–59.3	18.0	13.1–22.8
Heart disease	405	52.3	43.3–61.2	25.7	18.0–33.4

Table 4: Actual and Intended Receipt of Influenza Vaccine for Adults Age 18 and Older by Region, Fall 2008

Region	Unweighted Sample Size	Vaccinated Already		Intends to Be Vaccinated	
		Weighted %	95% Confidence Interval (%)	Weighted %	95% Confidence Interval (%)
Northeast	640	31.8	25.7–37.9	17.3	12.3–22.3
Midwest	788	28.5	23.0–34.0	17.3	12.4–22.3
South	1,579	29.7	25.7–33.8	18.5	14.7–22.4
West	962	28.5	23.5–33.5	12.1	8.9–15.3

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Table 5: Actual and Intended Receipt of Influenza Vaccine for Adults Age 18 and Older by Race/Ethnicity, Fall 2008

Ethnic Group	Unweighted Sample Size	Vaccinated Already		Intends to Be Vaccinated	
		Weighted %	95% Confidence Interval (%)	Weighted %	95% Confidence Interval (%)
White	1,400	32.3	28.9–35.6	17.4	14.6–20.2
Black	1,225	24.9	20.4–29.4	18.0	13.9–22.2
Hispanic	704	22.7	16.9–28.6	10.6	6.2–15.0
Other	640	23.4	16.8–30.1	17.9	9.8–26.0

Table 6: Main Reason Why Adults Intending to Be Vaccinated Have Not Yet Been Vaccinated, Fall 2008 (n=744)

Main Reason	Weighted %	95% Confidence Interval
Other	33.6	27.2–40.1
I don't know where to get a vaccine	4.5	0.7–8.2
I didn't realize flu season had begun	5.3	2.7–7.9
It slipped my mind	15.5	11.0–20.0
I haven't had the time	41.1	34.1–48.1

Table 7: Main Reason Why Unvaccinated Adults Do Not Intend to Be Vaccinated, Fall 2008 (n=1,721)

Main Reason	Weighted %	95% Confidence Interval
Don't need it	25.3	21.4–29.2
Don't believe in flu vaccines	20.1	16.5–23.7
Might get sick or experience side effects	18.7	15.5–21.8
Others need it more than I do	7.8	5.0–10.6
Dislike of needles	5.2	3.0–7.3
Flu vaccines cost too much	4.3	2.0–6.6
A doctor did not tell me I need it	3.6	1.9–5.3
Flu vaccines are not covered by my insurance	1.6	0.2–3.0
Don't know where to get a flu vaccine	1.4	0.1–2.8
It takes too much time to get a flu vaccine	0.5	0.0–1.0
Didn't know about it	0.2	0.0–0.3
Other	11.4	8.7–14.0

Table 8: Survey Completion Rates

Ethnic Group	Fielded	Completed	Completion Rate (%)
White	1,949	1,402	72
Black	2,066	1,226	59
Hispanic/other/mixed	2,030	1,344	66
Total	6,045	3,972	66

NOTE: Three survey responses were missing key data.

Table 9: Unweighted Sample Size by Age Category and Race/Ethnicity

Age	White	Black	Hispanic/Other/Mixed	Total
18–49	334	300	339	973
50–64	513	661	687	1,861
65+	555	265	318	1,138
Total	1,402	1,226	1,344	3,972

NOTE: Three survey responses were missing key data.

This occasional paper presents data from a nationally representative survey of adults age 18 and older (n=3,969) conducted for RAND by Knowledge Networks, Inc., a nationally representative online research panel consisting of roughly 40,000 households. Reported percentages have been weighted to reflect the demographic composition of U.S. adults using data from the Current Population Survey. Panelists are initially recruited with known probabilities using random-digit dialing. Household members agree to respond to surveys in exchange for small financial incentives or free Internet access. Studies using the Knowledge Networks panel have been published in peer-reviewed literature.

For additional information about survey and sampling methodology, see "Knowledge Networks Methodology," available at <http://www.knowledgenetworks.com/ganp/docs/Knowledge%20Networks%20Methodology.pdf>

The survey was administered to 6,045 adult panelists between November 7 and November 19. Sixty-six percent of sampled panelists completed the survey. The survey questionnaire is available at <http://mrqc.knowledgenetworks.com/mrIWeb/mrIWeb.dll?i.Project=S12240&i.Test=1>

This survey was conducted with the funding and support of GlaxoSmithKline (GSK). The findings have been subject to RAND's quality assurance and peer review process, and RAND alone is responsible for the content. The RAND Corporation is a nonprofit research organization providing objective analysis and effective solutions that address the challenges facing the public and private sectors around the world. RAND's publications do not necessarily reflect the opinions of its research clients and sponsors. RAND® is a registered trademark.

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