

**Working Papers
Project on the Public and Biological Security
Harvard School of Public Health**

17.

FLU VACCINE SURVEY

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Six in Ten Seniors and Nearly Half of Chronically Ill Adults who Tried to Get Flu Vaccine Were Successful

Boston, MA -- A Harvard School of Public Health national survey released today found 63% of seniors and 46% of adults with chronic illnesses who tried to get the influenza vaccine were successful. However, 37% of seniors and 54% of those with chronic illnesses were unable to get the vaccine when they tried. [Figure 1].

The findings, released in the Center for Disease Control and Prevention's December 17, 2004, *Morbidity and Mortality Weekly Report*, also show that 51% of seniors and 63% of chronically ill adults, two groups at high risk for serious complications from influenza, did not try to get the vaccine.

"Health officials and health care providers, including private physicians and nurses, need to continue their educational efforts emphasizing the need for these groups to get vaccinated," said Robert J. Blendon, Professor of Health Policy and Political Analysis at the Harvard School of Public Health. "News media and other reports suggest that in many communities there is now influenza vaccine available, especially for adults in the CDC's recommended priority groups."

Top problems faced by those who could not get the vaccine

The survey found that the top problems experienced by those either age 65 and older or with a chronic illness who tried and could not get the vaccine were that there was no vaccine available when they tried to get it (68 percent said this was a major problem) and it was hard to find a place where they could get the vaccine (50 percent) [Figure 2]

Parents of children ages 6 -23 months

Most parents of children ages 6-23 months old were also able to get their child or children vaccinated. Overall, 50 percent of parents reported trying to get their child vaccinated, with 76 percent indicating they were successful. Generally, parents of 6-23 month old children reported experiencing fewer problems in trying to get the vaccine than the people in this season's other priority groups.

For children ages 6-23 months, the leading reasons for not trying to get inactivated influenza vaccine reported by parents were 1) not believing their children were at risk for a serious case of influenza (21%), 2) concern about the side effects (19%), 3) being told by a health-care provider that the child should not get the vaccine because of the shortages and because the child was not at high risk for having a serious case of influenza (18%) and 4) not believing that the influenza vaccine was effective (13%). This is the first season the CDC and others have recommended annual influenza vaccination for children 6-23 months old.

Why some adults in high-risk groups didn't try to get the vaccine

Among all adults at higher risk for developing serious complications from influenza, 60 percent reported that they did not try to get the influenza vaccine during the preceding 3 months. When asked why they did not try, one out of three (32%) said either that they were "waiting until more vaccine was available" or that they believed that "because of shortages, you could not get the vaccine." Other major reasons included 1) believing that they were "not at high risk for getting a serious case of influenza" (21 percent), 2) not believing that the "vaccine would be effective in preventing you from getting the flu" (18 percent), and 3) concerns that "you could get the flu from the vaccine" (18 percent).

Potential Interest in Non-F.D.A. Licensed Flu Vaccine

The U.S. government recently announced the likely availability of 1.2 million doses of Fluarix™ influenza vaccine from GlaxoSmithKline (GSK) to help ease the vaccine shortage in the United States. Although Fluarix is fully licensed for use in Germany and about 29 other countries worldwide, it is not currently approved for general use in the United States by the Food and Drug Administration (FDA). However, the

FDA has deemed the vaccine safe and effective for this season under an investigational new drug application (IND).

In this survey, respondents were asked if they would be willing to receive a flu vaccine if no other vaccine were available after being told it was investigational. When asked this question, 56% of adults in priority groups said they would be willing to receive this vaccine. Americans who elect to receive investigational vaccines must sign a form. With this requirement imposed, willingness to take the vaccine decreased to 40% among adults in priority groups. [Figure 3]

"These findings highlight the need for those who may be offering this vaccine to provide patient education materials that give reassurance that it is safe to receive," said Professor Blendon.

This study was prepared by the Harvard School of Public Health *Project on the Public and Biological Security*. The Project is supported through a grant from the CDC to provide technical assistance by monitoring the response of the general public to health threats.

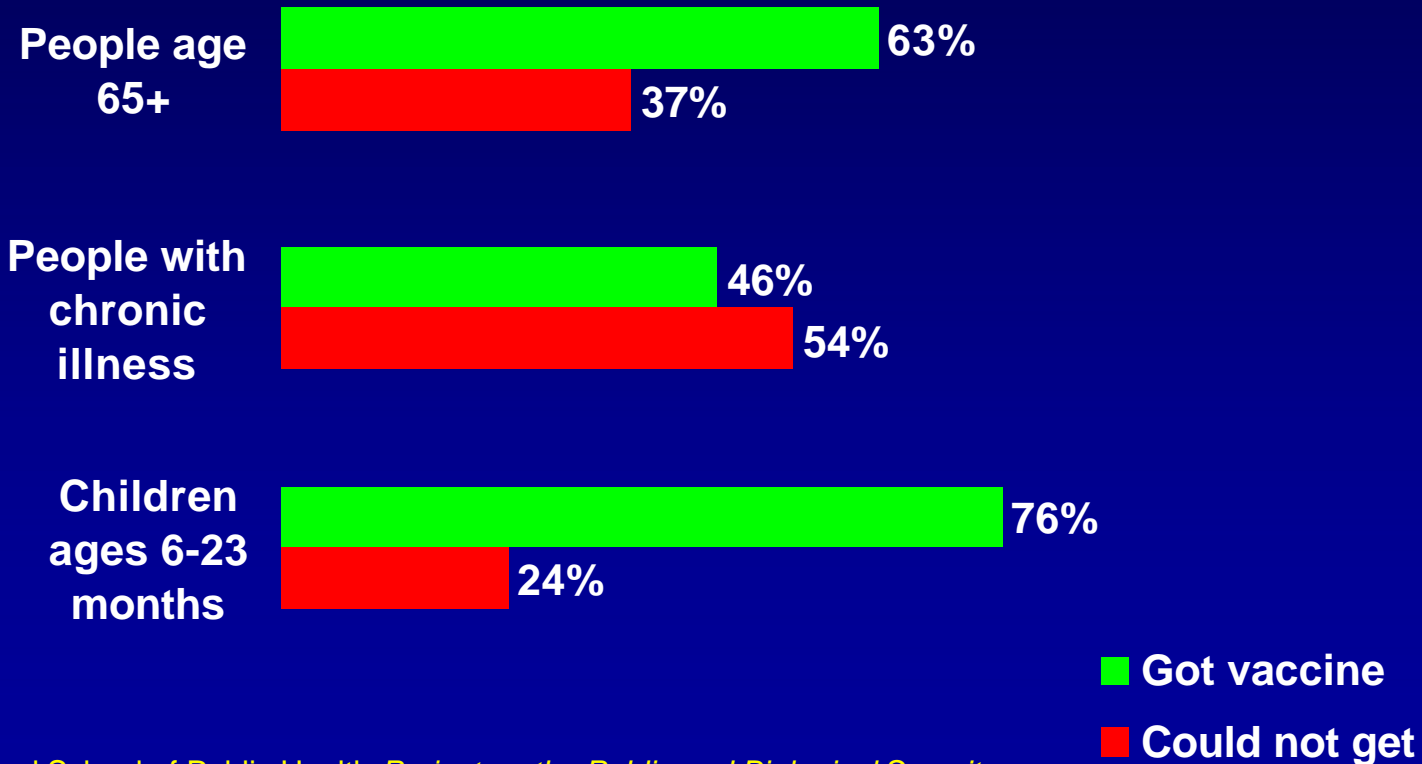
The study was designed and analyzed by researchers at the Harvard School of Public Health. The project director is Robert J. Blendon of the Harvard School of Public Health. The research team also includes Catherine M. DesRoches, John M. Benson, and Kathleen J. Weldon of the Harvard School of Public Health and Melissa J. Herrmann of ICR/International Communications Research. Fieldwork was conducted via telephone for the Project by ICR/International Communications Research of Media (PA) between October 29 and November 9, 2004, with a nationally representative sample of 1227 adults nationwide, including 249 parent interviews of children ages 6-23 months.

Parents were asked a series of vaccine-related questions about each of their children in the age group. The findings about childrens vaccine experiences are representative of the total population of children that age in the U.S.

Figure 1

Experiences with Obtaining the Flu Vaccine, October-November 2004

% who got and could not get vaccine among those who tried



Harvard School of Public Health *Project on the Public and Biological Security*.
Appearing in *Morbidity and Mortality Weekly Report*, December 17, 2004.

Figure 2

Top Problems When Trying to Get the Flu Vaccine Among High Risk Adults*, October-November 2004

% saying major problem



**Adults either age 65+ or with a chronic illness who tried but did not get the vaccine*

Harvard School of Public Health *Project on the Public and Biological Security*.
Appearing in *Morbidity and Mortality Weekly Report*, December 17, 2004.

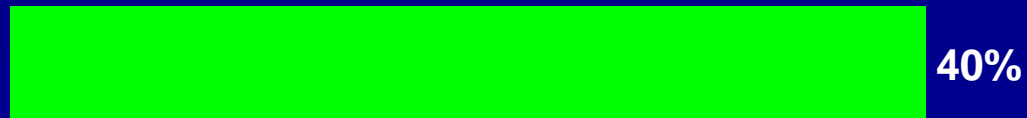
Figure 3

High Risk Adults'* Willingness to Receive Flu Vaccine from Germany

Willing to receive flu vaccine from Germany if no other vaccine available



Even if you were asked to sign a form stating you knew the drug was investigational



**Adults aged 65 or older or with a chronic illness*

Harvard School of Public Health *Project on the Public and Biological Security*.
Appearing in *Morbidity and Mortality Weekly Report*, December 17, 2004.

**CDC/Harvard Project on the Public and Biological Security
Flu Questionnaire
Fall 2004**

The CDC/Harvard Project on the Public and Biological Security: Flu Study was conducted by telephone from October 29 to November 9, 2004 among a nationally representative sample of 1227 adults age 18 and older. A total of 249 interviews were completed with parents of children 6-23 months old. Fieldwork by ICR/International Communications Research of Media, PA. The margin of error for the total sample is plus or minus three percentage points.

A. Policy

FL-1. To the best of your knowledge, is there enough flu vaccines in your community this year for everyone who wants one or has your community been experiencing shortages of the flu vaccine?

	Yes, enough vaccines	No, experience shortages	Don't know	Refused
11/9/04	15	66	19	--

FL-2. To the best of your knowledge, is there enough flu vaccine in the U.S. this year for everyone who wants it or has the U.S. been experiencing shortages of the vaccine?

	Yes, enough vaccines	No, experience shortages	Don't know	Refused
11/9/04	11	79	10	*

(Asked of those who say their community or the US has been experiencing shortages of the flu vaccine this season; n=1049)

FL-3. How concerned are you about the shortage of flu vaccine this season – very concerned, somewhat concerned, not too concerned, or not concerned at all?

	NET	CONCERNED		NET	NOT CONCERNED		Don't know	Refused
		Very	Somewhat		Not too	Not at all		
11/9/04	61	31	31	38	20	18	*	*

FL-1/2/3. Combo Table

	11/9/04
Community or U.S. experiencing flu vaccine shortages (NET)	85
Concerned about the shortage (net)	52
Very	26
Somewhat	26
Not concerned about the shortage (net)	33
Somewhat	17
Very	15
Community and U.S. not experiencing flu vaccine shortages	5
Don't Know/Refused to either	10

(Asked of one half of total respondents who say their community or the U.S. has been experiencing flu vaccine shortages; n=507)

FL-4. Which ONE of the following do you think is primarily to blame for the shortages of flu vaccine this year?

	11/9/04
Vaccine manufacturers and pharmaceutical companies	39
Federal government public health agencies	29
State and local governments	9
Health plans and health insurance companies	3
Doctors' organizations	1
People getting vaccinated who are not at high risk of serious complications from the flu	7
Don't know	11
Refused	*

(Asked of one half total respondents; n=620)

FL-5. Which ONE of the following do you think should be primarily responsible for making sure that the U.S. has enough flu vaccine?

	11/9/04
Vaccine manufacturers and pharmaceutical companies	26
Federal government public health agencies	45
State and local governments	11
Health plans and health insurance companies	8
Doctors' organizations	5
Don't know	4
Refused	--

B. Concern

FL-6. How concerned are you that you or a family member will get each of the following in the next 3 months? Would you say you are very concerned, somewhat concerned, not too concerned, or not concerned at all about getting?

a. Influenza, that is, the flu

	CONCERNED			NOT CONCERNED			Don't know	Refused
	NET	Very	Somewhat	NET	Not too	Not at all		
11/9/04	58	25	33	42	24	18	*	--

b. Pneumonia

	CONCERNED			NOT CONCERNED			Don't know	Refused
	NET	Very	Somewhat	NET	Not too	Not at all		
11/9/04	42	20	22	57	26	31	1	--

c. An infectious disease caused by bioterrorism

	CONCERNED			NOT CONCERNED			Don't know	Refused
	NET	Very	Somewhat	NET	Not too	Not at all		
11/9/04	38	18	21	59	25	34	2	--

d. SARS

	CONCERNED			NOT CONCERNED			Don't know	Refused
	NET	Very	Somewhat	NET	Not too	Not at all		
11/9/04	21	10	11	72	25	47	7	--

FL-7. How effective do you think each of the following would be in **PREVENTING YOU FROM GETTING SICK WITH THE FLU**. Would you say that (INSERT ITEM) would be very effective at preventing you from becoming sick with the flu, somewhat effective, not very effective, or not effective at all?

a. getting the flu vaccine

	EFFECTIVE			NOT EFFECTIVE			Don't know	Refused
	NET	Very	Somewhat	NET	Not too	Not at all		
11/9/04	81	44	37	14	6	7	5	--

b. frequent hand washing

	EFFECTIVE			NOT EFFECTIVE			Don't know	Refused
	NET	Very	Somewhat	NET	Not too	Not at all		
11/9/04	94	72	22	5	2	4	1	--

c. avoiding close contact with others who may have the flu

	EFFECTIVE			NOT EFFECTIVE			Don't know	Refused
	NET	Very	Somewhat	NET	Not too	Not at all		
11/9/04	88	64	24	9	5	5	2	*

d. avoiding touching your eyes, nose or mouth as much as possible during the flu season

	EFFECTIVE			NOT EFFECTIVE			Don't know	Refused
	NET	Very	Somewhat	NET	Not too	Not at all		
11/9/04	81	52	28	17	8	9	2	--

e. taking anti viral medicine when you first notice that you have symptoms of the flu

	EFFECTIVE			NOT EFFECTIVE			Don't know	Refused
	NET	Very	Somewhat	NET	Not too	Not at all		
11/9/04	67	27	40	25	15	10	8	*

FL-8. How effective do you think each of the following would be in **PREVENTING YOU FROM SPREADING** the flu to other people when you are sick? Would you say that (INSERT ITEM) would be very effective at preventing you from **SPREADING THE FLU TO OTHERS**, somewhat effective, not very effective, or not effective at all?

a. Frequent hand washing

	EFFECTIVE			NOT EFFECTIVE			Don't know	Refused
	NET	Very	Somewhat	NET	Not too	Not at all		
11/9/04	92	72	20	7	3	4	1	--

b. Covering your mouth and nose when coughing or sneezing

	EFFECTIVE			NOT EFFECTIVE			Don't know	Refused
	NET	Very	Somewhat	NET	Not too	Not at all		
11/9/04	95	71	24	4	2	2	1	--

c. Staying home from work when you are sick with the flu

	EFFECTIVE			NOT EFFECTIVE			Don't know	Refused
	NET	Very	Somewhat	NET	Not too	Not at all		
11/9/04	96	77	19	3	1	2	1	--

C. Past Flu Experience

FL-9. Have you had the flu at any time in the last 12 months or not?

	Yes	No	Don't know	Refused
11/9/04	15	84	1	--

(Asked of those who have had the flu in the last 12 months; n=166)

FL-10. Was that in the last three months, or not?

	Yes	No	Don't know	Refused
11/9/04	42	58	--	--

FL-9/10 Combo Table

	HAD FLU IN LAST 12 MONTH			Have not had flu last 12 months	Don't know	Refused
	NET	Last 12 months	Last 3 months			
11/9/04	15	6	9	84	1	--

(Asked of those who have had the flu in the last 12 months; n=166)

FL-11. Did your doctor or other health professional tell you that you had the flu?

	Yes	No	Don't know	Refused
11/9/04	41	58	2	--

Q.FL-9/11. Combo Table

	HAD FLU IN LAST 12 MONTH			Have not had flu last 12 months	Don't know	Refused
	NET	Diagnosed by doctor	Not Diagnosed by doctor			
11/9/04	15	6	9	84	1	--

FL-13. Have you talked to your doctor or health professional about the flu **this** year or not?

	Yes	No	Don't know	Refused
11/9/04	22	78	*	--

D. Respondent's Vaccination Experience

Now I am going to ask you a few questions about the flu shot or flu vaccine.

FL-12. Did you get a flu vaccine **last** year or not?

	Yes	No	Don't know	Refused
11/9/04	37	63	1	--

FL-14. Has your doctor or health professional recommended that you get a flu shot **this** year or not?

	Yes	No	Don't know	Refused
11/9/04	27	70	2	--

FL-15. Did you try to get a flu vaccine in the past three months or not?

	Yes	No	Don't know	Refused
11/9/04	21	79	*	--

(Asked of those who have tried to get the flu vaccine; n=313)

FL-16. Please tell me if each of the following was a major problem you experienced when trying to get your flu vaccine, a minor problem, or not a problem at all:

a. It was hard to find a place where you could get the vaccine

	PROBLEM			Not a Problem	Don't know	Refused
	NET	Major	Minor			
11/9/04	44	35	9	56	*	*

b. The times that the vaccine was available were inconvenient

	PROBLEM			Not a Problem	Don't know	Refused
	NET	Major	Minor			
11/9/04	30	14	16	69	1	*

c. There was no vaccine available when you went to get it

	PROBLEM			Not a Problem	Don't know	Refused
	NET	Major	Minor			
11/9/04	52	42	10	48	1	*

d. The vaccine was expensive

	PROBLEM			Not a Problem	Don't know	Refused
	NET	Major	Minor			
11/9/04	13	6	6	86	1	*

e. The lines were very long

	PROBLEM			Not a Problem	Don't know	Refused
	NET	Major	Minor			
11/9/04	34	27	8	63	2	*

f. The health care provider told you that you shouldn't get one because there were shortages of the vaccine and you were not at high risk for having a serious case of the flu

	PROBLEM			Not a Problem	Don't know	Refused
	NET	Major	Minor			
11/9/04	27	18	9	72	1	*

g. The health care provider told you that you shouldn't get one for medical reasons

	PROBLEM			Not a Problem	Don't know	Refused
	NET	Major	Minor			
11/9/04	14	5	9	85	1	*

(Asked of those who have tried to get the flu vaccine; n=313)

FL-17. Did you get a flu vaccine in the past three months, or not?

	Yes	No	Don't know	Refused
11/9/04	45	55	--	*

FL-15/17. Combo Table

	TRIED TO GET FLU VACCINE			Have not tried to get flu vaccine	Don't know	Refused
	NET	Got vaccine	Did not get vaccine			
11/9/04	21	10	11	79	*	--

(Asked of those who got the flu vaccine; n=144)

FL-18. Where did you go to get the vaccine? Did you get the vaccine at your doctor's office or clinic, a hospital, a health department, your school or workplace, a pharmacy or supermarket, a community center or some other place?

	11/9/04
Doctor's office or clinic	43
A hospital	8
A health department	12
School or workplace	9
A pharmacy or supermarket	9
A community center	7
Some other place	13
Don't know	--
Refused	--

FL-15/17/18. Combo Table

	11/9/04
Tried to get the flu vaccine (NET)	21
Got the flu vaccine (sub net)	10
Doctor's office or clinic	4
A hospital	1
A health department	1
School or workplace	1
A pharmacy or supermarket	1
A community center	1
Some other place	1
Did not get the flu vaccine	11
Did not try to get the flu vaccine	79
Don't know	*
Refused	--

(Asked of those who got the flu vaccine; n=144)

FL-19. How much did you have to pay for the flu vaccine, nothing, less than \$25, \$25-50, or more than \$50?

	Nothing	Less than \$25	\$25-\$50	More than \$50	Don't know	Refused
11/9/04	75	20	1	1	4	--

FL-15/17/19. Combo Table

	11/9/04
Tried to get the flu vaccine (NET)	21
Got the flu vaccine (sub net)	10
Paid nothing	7
Paid less than \$25	2
Paid \$25-\$50	*
Paid more than \$50	*
Did not get the flu vaccine	11
Did not try to get the flu vaccine	79
Don't know	*
Refused	--

(Asked of those who have not tried to get the flu vaccine; n=913)

FL-20. Please tell me if each of the following is a major reason why you have not tried to get a flu vaccine in the past three months, a minor reason, or not a reason at all?

a. You don't think you are at risk to get a serious case of the flu

	REASON			Not a Reason	Don't know	Refused
	NET	Major	Minor			
11/9/04	53	26	27	46	1	*

b. You don't think the vaccine would be effective in preventing you from getting the flu

	REASON			Not a Reason	Don't know	Refused
	NET	Major	Minor			
11/9/04	42	17	25	56	3	*

c. You are concerned that you could get the flu from the vaccine

	REASON			Not a Reason	Don't know	Refused
	NET	Major	Minor			
11/9/04	30	13	17	70	*	*

d. It is too expensive

	REASON			Not a Reason	Don't know	Refused
	NET	Major	Minor			
11/9/04	16	7	9	83	1	*

e. It is too inconvenient to get to a place where you could get the vaccine

	REASON			Not a Reason	Don't know	Refused
	NET	Major	Minor			
11/9/04	17	6	11	83	*	*

f. You have had a flu shot before and don't need one

	REASON			Not a Reason	Don't know	Refused
	NET	Major	Minor			
11/9/04	18	8	10	81	1	*

g. You don't like shots

	REASON			Not a Reason	Don't know	Refused
	NET	Major	Minor			
11/9/04	22	8	14	78	*	*

h. The health care provider told you that you shouldn't get one because there were shortages of the vaccine and you were not at risk for having a serious case of the flu

	REASON	Not a Reason	Don't know
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	NET	Major	Minor	Reason	know	Refused
11/9/04	21	12	9	78	1	*

i. The health care provider told you that you shouldn't get one for medical reasons

	REASON			Not a Reason	Don't know	Refused
	NET	Major	Minor			
11/9/04	12	7	5	88	*	*

j. Because of shortages, you didn't think that you could get a vaccine

	REASON			Not a Reason	Don't know	Refused
	NET	Major	Minor			
11/9/04	35	21	14	65	1	*

k. You didn't get around to doing it

	REASON			Not a Reason	Don't know	Refused
	NET	Major	Minor			
11/9/04	21	11	11	78	*	--

l. You are waiting until there is more flu vaccine available

	REASON			Not a Reason	Don't know	Refused
	NET	Major	Minor			
11/9/04	28	18	10	72	*	*

(Asked of those who have not tried to get a flu vaccine because they were waiting until there is more available; n=263)

FL-21. Do you know where you could go to get the vaccine, or don't you know?

	Yes	No	Don't know	Refused
11/9/04	71	27	1	*

FL-15/20/21. Combo Table

	11/9/04
Have not tried to get the flu vaccine (NET)	79
Waiting until there is more available (sub net)	22
Know where to go to get vaccine	16
Do not know where to go to get vaccine	6
Not waiting until there is more available	56
Have tried to get the flu vaccine	21
Don't know	*
Refused	--

E. Vaccination Experience of Children

FL-22. Are there any children living in your household?

	Yes	No	Don't know	Refused
11/9/04	36	64	--	*

(Asked of those who have children in the household; n=535)

FL-23. Are any of these children younger than 6 months old, or not?

	Yes	No	Don't know	Refused
11/9/04	1	99	*	--

FL-22/23. Combo Table

	CHILDREN IN HOUSEHOLD				Don't know	Refused
	NET	Younger than 6 months	Not younger than 6 months	No children in the household		
11/9/04	36	*	36	64	--	*

FL-24. Have you tried to get the flu vaccine for this child in the past three months or haven't you?
Not enough cases for analysis.

(Asked of those with children less than 6 months old who have tried to get a flu vaccine for that child; n=13)

FL-25. Did this child get a flu vaccine in the past three months, or not?
Not enough cases for analysis.

(Asked of those with children in the household; n=535)

FL-26. Are any of these children between the ages of 6 months and 23 months, or not?

	Yes	No	Don't know	Refused
11/9/04	8	92	*	--

(Asked of those with children 6-23 months old; n=249)

FL-27. How many children in your household are between the ages of 6 months and 23 months?

	1	2-3	4+	Don't know	Refused
11/9/04	90	7	*	1	2

(Asked of those with children 6-23 months old; n=249)

FL-28. Have you tried to get the flu vaccine for this child in the past three months?

(IF MORE THAN ONE CHILD ASK “Thinking about your oldest/next oldest child in this age group, have you tried to get the flu vaccine for this child in the past three months, or not?)

	Yes	No
11/9/04	50	50

(Asked of those with children 6-23 months old who have tried to get a flu vaccine for this child; n=125)

FL-29. Please tell me if each of the following was a major problem you experienced in trying to get a flu vaccine for this child, a minor problem, or not a problem at all:

a. It was hard to find a place where your child could get the vaccine

	PROBLEM			Not a Problem	Don't know	Refused
	NET	Major	Minor			
11/9/04	14	7	7	85	1	--

b. The times that the vaccine was available were inconvenient

	PROBLEM			Not a Problem	Don't know	Refused
	NET	Major	Minor			
11/9/04	16	4	12	84	*	--

c. There was no vaccine available when you took your child to get it

	PROBLEM			Not a Problem	Don't know	Refused
	NET	Major	Minor			
11/9/04	21	15	6	77	2	--

d. The vaccine was expensive

	PROBLEM			Not a Problem	Don't know	Refused
	NET	Major	Minor			
11/9/04	9	7	2	89	2	--

e. The lines were very long

	PROBLEM			Not a Problem	Don't know	Refused
	NET	Major	Minor			
11/9/04	15	6	9	84	1	--

f. The health care provider told you that your child shouldn't get one because there were shortages of the vaccine and your child was not at risk for having a serious case of the flu

	PROBLEM			Not a Problem	Don't know	Refused
	NET	Major	Minor			
11/9/04	11	9	2	87	1	1

g. The health care provider told you that your child shouldn't get one for medical reasons

	PROBLEM			Not a Problem	Don't know	Refused
	NET	Major	Minor			
11/9/04	5	3	2	95	--	--

(Asked of those with children 6-23 months old and who tried to get a flu vaccine for this child; n=125)

FL-30. Did this child get a flu vaccine in the past three months, or not?

	Yes	No	Don't know	Refused
11/9/04	73	23	3	--

(Asked of those with children 6-23 months old and have not tried to get a flu vaccine for this child; n=124)

FL-31. Please tell me if each of the following is a major reason why you have not tried to get a flu vaccine for your child, a minor reason, or not a reason at all:

a. You don't think that your child is at risk to get a serious case of the flu

	REASON			Not a Reason	Don't know	Refused
	NET	Major	Minor			
11/9/04	52	21	31	46	1	1

b. You don't think the vaccine would be effective in preventing your child from getting the flu

	REASON			Not a Reason	Don't know	Refused
	NET	Major	Minor			
11/9/04	36	13	24	60	3	1

c. You are concerned about side effects

	REASON			Not a Reason	Don't know	Refused
	NET	Major	Minor			
11/9/04	37	18	19	62	1	1

d. It is too expensive

	REASON			Not a Reason	Don't know	Refused
	NET	Major	Minor			
11/9/04	19	3	16	78	3	1

e. It is too hard to get to a place where your child could get the vaccine

	REASON			Not a Reason	Don't know	Refused
	NET	Major	Minor			
11/9/04	11	5	6	88	1	1

f. Your child had a flu shot before and doesn't need one

	REASON			Not a Reason	Don't know	Refused
	NET	Major	Minor			
11/9/04	14	6	7	83	3	1

g. Your child doesn't like shots

	REASON			Not a Reason	Don't know	Refused
	NET	Major	Minor			

11/9/04 20 7 13 79 1 1

i. The health care provider told you that your child shouldn't get one because there were shortages of the vaccine and your child was not at risk for having a serious case of the flu

	REASON			Not a Reason	Don't know	Refused
	NET	Major	Minor			
11/9/04	25	19	5	72	3	1

j. The health care provider told you that your child shouldn't get one for medical reasons

	REASON			Not a Reason	Don't know	Refused
	NET	Major	Minor			
11/9/04	5	1	4	93	1	1

k. Because of shortages, you didn't think that your child could get the vaccine

	REASON			Not a Reason	Don't know	Refused
	NET	Major	Minor			
11/9/04	18	9	9	79	3	1

l. You don't believe in vaccinating your child

	REASON			Not a Reason	Don't know	Refused
	NET	Major	Minor			
11/9/04	14	6	8	84	2	1

m. You think that your child already gets too many vaccines

	REASON			Not a Reason	Don't know	Refused
	NET	Major	Minor			
11/9/04	17	9	8	81	1	1

n. You are waiting until there is more vaccine available

	REASON			Not a Reason	Don't know	Refused
	NET	Major	Minor			
11/9/04	20	9	11	78	2	1

(Asked of those who have children 6-23 months old and who have not tried to get a flu vaccine for this child because they are waiting until there is more vaccine available; n=29)

FL-32 Do you know where you could go to get the vaccine, or don't you know?

Not enough cases for analysis.

(Asked of those with children in the household; n=535)

FL-33. Do you have a child living at home who is between the ages of 2 and 18?

	Yes	No	Don't know	Refused
11/9/04	95	5	--	*

(Asked of those who have children between the ages of 2 and 18; n=438)

FL-34. How many children in your household are between the ages of 2 and 18 years old?

	1	2	3	4+	Don't know	Refused
11/9/04	41	40	14	5	--	*

(Asked of those who have children between the ages of 2 and 18; n=438)

FL-35. Does this child have a chronic medical condition such as asthma or diabetes or is this child taking daily aspirin therapy?

(IF MORE THAN ONE CHILD ASK 'Thinking about your oldest child/next oldest child in this age group, does this child have a chronic medical condition such as asthma or diabetes or is this child taking daily aspirin therapy?')

	Yes	No	Don't know	Refused	Don't Know/Refused number of children
11/9/04	10	88	1	1	--

(Asked of those who have children between the ages of 2 and 18; n=438)

FL-36. Have you tried to get the flu vaccine for this child in the past three months?

	Yes	No	Don't know	Refused	Don't Know/Refused number of children
11/9/04	16	82	1	1	--

(Asked of those whose child 2-18 years old has a chronic medical condition and they have tried to get a flu vaccine; n=35)

FL-37. Please tell me if each of the following was a major problem you experienced in trying to get a flu vaccine for this child, a minor problem, or not a problem at all:

Not enough cases for analysis.

(Asked of those who have children 2-18 years old and they have tried to get a flu vaccine for them; n=125)

FL-38. Did this child get a flu vaccine in the past three months, or not?

	Yes	No	Don't know	Refused
11/9/04	49	51	*	--

(Asked of those whose child 2-18 years old has a chronic medical condition and they have not tried to get a flu vaccine; n=33)

FL-39. Please tell me if each of the following is a major reason why you have not tried to get a flu vaccine for your child, a minor reason, or not a reason at all?

Not enough cases for analysis.

(Asked of those who have children 2-18 years old and who have not tried to get a flu vaccine for this child because they are waiting until there is more vaccine available; n=14)

FL-40. Do you know where you could go to get the vaccine, or don't you know?

Not enough cases for analysis.

F. Knowledge and Beliefs about Flu Vaccine

FL-41. For those who the get the flu vaccine, do you think the vaccine that is available this year will be very effective at preventing people from getting the flu, somewhat effective, not too effective, or not at all effective?

	NET	EFFECTIVE		NET	NOT EFFECTIVE		Don't know	Refused
		Very	Somewhat		Not too	Not at all		
11/9/04	84	30	54	9	6	3	7	*

FL-42. How likely do think it is that a person who gets the flu shot would experience the following sorts of side effects from the vaccination? How about (INSERT ITEM)? Do you think that it is very likely, somewhat likely, not very likely, or not at all likely?

a. Getting the flu from the vaccine

	NET	LIKELY		NET	NOT LIKELY		Don't know	Refused
		Very	Somewhat		Not very	Not at all		
11/9/04	44	12	32	54	31	22	3	*

b. Fever or extreme tiredness

	NET	LIKELY		NET	NOT LIKELY		Don't know	Refused
		Very	Somewhat		Not very	Not at all		
11/9/04	56	13	42	38	25	13	6	*

c. Serious illness

	NET	LIKELY		NET	NOT LIKELY		Don't know	Refused
		Very	Somewhat		Not very	Not at all		
11/9/04	21	7	14	75	41	35	4	*

d. Death

	NET	LIKELY		NET	NOT LIKELY		Don't know	Refused
		Very	Somewhat		Not very	Not at all		
11/9/04	14	5	10	81	37	44	4	*

FL-42. Combo Table #1

	Think one or more of the problems is very/somewhat likely	Do not think any problem is likely
11/9/04	67	33

FL-42. Combo Table#2

	Think serious illness or death is very/somewhat likely	Do not think serious illness or death is likely
11/9/04	24	76

FL-43. Have you heard of the new nasal spray vaccine, FluMist, which can be an alternative to receiving a flu shot, or haven't you heard of it?

	Yes, heard of it	No, have not heard of it	Don't know	Refused
11/9/04	62	38	*	*

(Asked of those who got a flu vaccine in the last 3 months; n=144)

FL-44. When you got your flu vaccine, did your health care provider tell you that the nasal spray vaccine FluMist was available to you or not?

	Yes	No	Don't know	Refused
11/9/04	10	89	1	--

FL-15/17/44. Combo Table

Have tried to get the flu vaccine	21
Have gotten a flu vaccine in the past 3 months	10
Told that FluMist was available	1
Not told that FluMist was available	8
Have not gotten a flu vaccine in the past 3 months	11
Have not tried to get the flu vaccine	79
Don't know	*
Refused	--

FL-45. Currently, the CDC, or Centers for Disease Control, Highly recommends that some people get the flu vaccine. I am going to read a list of people. For each, please let me know if you think the CDC highly recommends that these people get the flu vaccine. If you don't know, just say so. How about (INSERT)? Do you think the CDC highly recommends that they get the flu vaccine?

a. Healthy adults ages 18-49

	Yes, the CDC highly recommends that they get the flu vaccine	No, the CDC does not highly recommend that they get the flu vaccine	Don't know	Refused
11/9/04	19	70	10	*

b. Children 6-23 months old

	Yes, the CDC highly recommends that they get the flu vaccine	No, the CDC does not highly recommend that they get the flu vaccine	Don't know	Refused
11/9/04	66	17	17	*

c. Women who are more than three months pregnant

	Yes, the CDC highly recommends that they get the flu vaccine	No, the CDC does not highly recommend that they get the flu vaccine	Don't know	Refused
11/9/04	31	36	33	*

d. People with asthma

	Yes, the CDC highly recommends that they get the flu vaccine	No, the CDC does not highly recommend that they get the flu vaccine	Don't know	Refused
11/9/04	59	14	26	*

e. People who are HIV-positive

	Yes, the CDC highly recommends that they get the flu vaccine	No, the CDC does not highly recommend that they get the flu vaccine	Don't know	Refused
11/9/04	52	16	33	*

f. Adults between 50-64

	Yes, the CDC highly recommends that they get the flu vaccine	No, the CDC does not highly recommend that they get the flu vaccine	Don't know	Refused
11/9/04	58	30	13	*

g. Adults 65 and older

	Yes, the CDC highly recommends that they get the flu vaccine	No, the CDC does not highly recommend that they get the flu vaccine	Don't know	Refused
11/9/04	89	5	6	*

h. People who had a reaction to the flu vaccine before

	Yes, the CDC highly recommends that they get the flu vaccine	No, the CDC does not highly recommend that they get the flu vaccine	Don't know	Refused
11/9/04	10	69	21	*

i. People who have diabetes

	Yes, the CDC highly recommends that they get the flu vaccine	No, the CDC does not highly recommend that they get the flu vaccine	Don't know	Refused
11/9/04	53	14	33	*

j. People who are sick with a fever

	Yes, the CDC highly recommends that they get the flu vaccine	No, the CDC does not highly recommend that they get the flu vaccine	Don't know	Refused
11/9/04	17	60	23	*

G. Vaccine Supply

FL-46. How many people do you think die in a typical year from flu in the United States?

	11/9/04
<500	22
500-999	5
1000-4999	17
5000-9999	4
10000-24999	14
25000-49999	5
50000-99999	8
Don't know	26
Refused	*

FL-46. Correct summary

	Correct	Low	High	Don't know	Refused
11/9/04	4	63	8	26	*

FL-47. To the best of your knowledge, is this year's flu more likely to make you seriously ill compared to the flu in other years, or less likely, or about as likely?

	More likely	Less likely	About as likely	Don't know	Refused
11/9/04	11	17	62	11	*

FL-48. In the past month, have you heard or read anything about this year's flu season, or haven't you?

	Yes, I have read something	No, I have not read anything	Don't know	Refused
11/9/04	49	51	*	*

FL-49. In the past month, have you heard or read anything about a shortage of the flu vaccine, or haven't you?

	Yes, I have read something	No, I have not read anything	Don't know	Refused
11/9/04	92	8	--	*

(Asked of those how have read or heard anything about a shortage of the flu vaccine;

n=1166)

FL-50. Do you think that the media are overestimating the seriousness of the problem of flu vaccine shortages this year, underestimating it, or presenting the problem accurately?

	Overestimating	Underestimating	Presenting it accurately	Don't know	Refused
11/9/04	46	4	44	6	--

FL-49/50. Combo Table

HEARD/READ ABOUT SHORTAGES							
	NET	Overestimating	Underestimating	Presenting it accurately	Have not heard/read	Don't know	Refused
11/9/04	92	42	4	40	8	--	*

FL-51. With this year's shortage of flu vaccine, who should decide who gets the flu vaccine, the national Centers for Disease Control, your state health department, your local health department, or individual doctors and nurses?

	Centers for Disease Control (CDC)	State health department	Your local health department	Individual doctors and nurses	Don't know	Refused
11/9/04	16	13	11	56	5	*

I. Vaccine Recommendations

(Asked of one half total respondents; n=623)

FL-53 Currently, there is a limited supply of the flu vaccine. In your opinion, what would be the best way to distribute the vaccine fairly? Should the vaccine be reserved for those in high risk groups, should it be given to anyone who wants it until it is gone, should doctors and nurses decide who should get it on a case by case basis, or should it be distributed some other way?.

	Reserved for those in high risk groups	Given to anyone who wants it until it is gone	Doctors and nurses should decide on a case by case basis	It should be distributed some other way	Don't know	Refused
11/9/04	54	4	35	3	3	*

(Asked of one half total respondents; n=604)

FL-54. Currently, there is a shortage of flu vaccine. Some people who are not at a high risk for getting a serious case of the flu as defined by the CDC (CENTER FOR DESEASE CONTROL) have been trying to get the flu vaccine. Which comes closer to your view? These people should not be allowed to get the vaccine because there are people who need it more than they do OR these people should be able to get the vaccine because they themselves are the best judge of how much they need it.

	Should not be allowed to get it because there are people who need it more	Should be able to get it because they themselves are the best judge of how much they need it	Don't know	Refused
11/9/04	62	33	4	*

(Asked of those who say people who are not at high risk should not be allowed to get the vaccine; n=391)

FL-55. Who should be mainly responsible for ensuring that the vaccine is only given to the people in a high risk group, the CDC, local health authorities, the doctors who give the vaccines, or the people themselves?

	The CDC	Local health authorities	The doctors who give the vaccines	The people themselves	Don't know	Refused
11/9/04	10	22	58	9	*	--

**FL-54/55. Combo Table
(One half of total respondents; n = 604)**

	11/9/04
Should not be allowed to get it because there are people who need it more (NET)	62
The CDC should be mainly responsible for ensuring this	6
Local health authorities should be mainly responsible for ensuring this	14
The doctors who give the vaccines should be mainly responsible for ensuring this	36
The people themselves should be mainly responsible for ensuring this	6
Should be able to get it because they themselves are the best judge of how much they need it	33
Don't know	4
Refused	*

FL-55a. Government agencies, together with the vaccine industry, have stated their commitment to assure that the limited supply of vaccine is distributed fairly. How confident are you that this will happen?

	CONFIDENT			NOT CONFIDENT			Don't know	Refused
	NET	Very	Somewhat	NET	Not very	Not at all		
11/9/04	60	14	46	38	23	15	2	*

FL-56. Do you think wealthy and influential people are able to get the flu vaccine even if they are not in a high risk group, or is everyone being treated the same?

	Wealthy and influential are able to get the vaccine even if they are not in a high risk group	Everyone is being treated the same	Don't know	Refused
11/9/04	66	25	9	*

FL-57. Thinking only of Americans who are at a high risk for getting a serious case of the flu, do you think the vaccine will be more available to (INSERT ITEM), or will everyone be treated the same?

a. wealthy Americans than to Americans who are not wealthy

	More available	Everyone will be treated the same	Don't know	Refused
11/9/04	54	41	5	*

b. white Americans than to black or African Americans

	More available	Everyone will be treated the same	Don't know	Refused
11/9/04	23	67	10	1

c. people who are younger than 65 years old than to people who are 65 or older

	More available	Everyone will be treated the same	It will be more available to people who are older than 65	Don't know	Refused
11/9/04	37	49	2	11	1

FL-58. Because of the shortage of flu vaccine, the federal government may obtain flu vaccine from Canada, and Germany. While this vaccine is licensed in those countries, it is not licensed, that is not fully approved, by the US. Food and Drug Administration for use in this country and would be considered an investigational drug. If you were offered this vaccine because there was no other vaccine available, would you be very willing, somewhat willing, not very willing, or not willing at all to receive this vaccine?

	WILLING			NET	NOT WILLING		Don't know	Refused
	NET	Very	Somewhat		Not very	Not at all		
11/9/04	57	30	27	41	11	30	2	*

(Asked of total who are willing to receive flu vaccine from Canada or Germany; n = 722)

FL-58a. What if you were asked to sign a form stating that you understood that the drug was investigational? Would you still be willing to take the vaccine?

	Yes, willing	No, not willing	Don't know	Refused
11/9/04	79	17	4	--

FL-58/58a. Combo Table

	11/9/04
Willing to receive flu vaccine from Canada or Germany (NET)	57
Even if you were asked to sign a form stating that you knew the drug was investigational	45
Not if you were asked to sign a form stating that you knew the drug was investigational	10
Not willing to receive flu vaccine from Canada or Germany	41
Don't know	2
Refused	*

FL-59. How worried, if at all, would you be about the effectiveness of a flu vaccine from Canada or Germany?
Very worried, somewhat worried, not too worried or not worried at all?

	WORRIED			NOT WORRIED			Don't know	Refused
	NET	Very	Somewhat	NET	Not very	Not at all		
11/9/04	38	11	27	60	23	37	2	*

FL-59a. How worried, if at all, would you be about the safety of flu vaccine from Canada or Germany? Very worried, somewhat worried, not too worried, or not worried at all?

	WORRIED			NOT WORRIED			Don't know	Refused
	NET	Very	Somewhat	NET	Not very	Not at all		
11/9/04	41	13	28	58	21	37	2	*

J. Demographics

FL-60. Have you been told by a doctor or health professional that you have any of the following medical conditions: heart or lung disease, asthma, kidney disease, diabetes, or a disease that causes decreased immunity such as cancer or HIV/AIDS?

	Yes	No	Don't know	Refused
11/9/04	25	75	--	*

FL-61. Does anyone who lives in your household have any of these conditions?

	Yes	No	Don't know	Refused
11/9/04	22	78	*	*

FL-60/61. Household with medical condition

	Yes	No	Don't know/refused
11/9/04	35	65	*

FL-62. Are you, yourself, now covered by any form of health insurance or health plan, or do you not have health insurance at this time? (IF NECESSARY: A health plan would include any private insurance plan through your employer or a plan that you purchased yourself, as well as a government program like Medicare or Medicaid.)

	Yes	No	Don't know	Refused
11/9/04	82	18	*	*

FL-63. Is anyone in your household over 65 years old?

	Yes	No	Don't know	Refused
11/9/04	26	74	--	*

FL-63/Age Combo (Household with someone 65+ years of age)

	Someone in household is 65+	No one in household is 65+	Refused age
11/9/04	27	73	1

(Asked of females; n=634)

FL-64. Are you pregnant?

	Yes	No	Don't know	Refused
11/9/04	1	99	*	*

(Asked of females who are pregnant; n=17)

FL-64a. Are you in the first, second, or third trimester of your pregnancy?

Not enough cases for analysis.

FL-65. Are you a health care worker or a care giver?

	Yes	No	Don't know	Refused
11/9/04	16	84	*	*

FL-66. In general, when compared to most people your age, how would you rate your health? Would you say it is excellent, very good, fair or poor?

	EXCELLENT/VERY GOOD/GOOD				FAIR/POOR			Don't know	Refused
	NET	Excellent	Very good	Good	NET	Fair	Poor		
11/9/04	83	19	40	23	17	14	3	*	*