

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

AVIAN FLU SURVEY

**January 17-25. 2006
N=1,043 adults nationwide**

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AVIAN FLU SURVEY
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Topline Results

The Avian Flu Survey was conducted by telephone January 17-25, 2006, among a nationally representative sample of 1043 adults age 18 and older. All field work by ICR/International Communications Research of Media, PA. Margin of error, plus or minus 3.3 percentage points.

A. WORRIES AND ATTENTION

1/2. Are you worried that you or someone in your immediate family may get sick from (INSERT ITEM) DURING THE NEXT 12 MONTHS, or aren't you concerned about that? (If worried, ask) How worried are you about that? Are you very worried, somewhat worried, or not very worried?

a. SARS

	Worried about getting sick from SARS				Not concerned	Don't know	Refused
	NET	Very	Somewhat	Not very			
1/25/06	10	3	6	1	87	3	--
12/04*	12	6	4	1	85	4	--

b. Smallpox

	Worried about getting sick from smallpox				Not concerned	Don't know	Refused
	NET	Very	Somewhat	Not very			
1/25/06	8	2	4	2	92	1	--
12/04*	9	5	3	*	90	*	--

c. The regular or seasonal flu

	Worried about getting sick from the regular or seasonal flu				Not concerned	Don't know	Refused
	NET	Very	Somewhat	Not very			
1/25/06	40	7	21	12	60	1	--
12/04*	31	11	16	5	68	*	1



d. The avian or bird flu

	Worried about getting sick from the avian or bird flu				Not concerned	Don't know	Refused
	NET	Very	Somewhat	Not very			
1/25/06	21	4	13	3	78	1	--
12/04*	12	6	5	1	83	6	--

* Trends from HSPH Quarantine Survey, December 2004

3. Please tell me if you have gotten a flu vaccine in the last four months, you haven't gotten one yet, but plan to soon, or you don't plan to get a flu vaccine?

	Have gotten one	Haven't gotten one yet, but plan to soon	Don't plan to get a flu vaccine	Don't know	Refused
1/25/06	35	14	51	1	--
12/03*	33	17	49	1	--

*Trend from HSPH Flu Survey, December 2003. In that survey, the wording was "last three months," because it was conducted one month earlier in the season,

4. How concerned are you about the spread of bird flu in the United States? Would you say you are very concerned, somewhat concerned, not very concerned, or not at all concerned?

	CONCERNED			NOT CONCERNED			Don't know	Refused
	NET	Very	Somewhat	NET	Not very	Not at all		
1/25/06	57	15	42	42	27	14	1	*

5. Some health experts have raised the possibility that there could be a pandemic outbreak of avian or bird flu, that is, a severe outbreak of that disease in many countries at the same time. How concerned are you about a pandemic outbreak of avian or bird flu? Would you say you are very concerned, somewhat concerned, not very concerned, or not at all concerned?

	CONCERNED			NOT CONCERNED			Don't know	Refused
	NET	Very	Somewhat	NET	Not very	Not at all		
1/25/06	62	20	42	37	24	13	*	*

6. During the past month, how closely have you been following news stories about the avian or bird flu? Would you say very closely, fairly closely, not too closely, or not at all?

	CLOSELY			NOT CLOSELY			Don't know	Refused
	NET	Very	Fairly	NET	Not too	Not at all		
1/25/06	54	17	37	46	30	15	*	--

7. Do you think the news media are exaggerating the dangers of the avian or bird flu, not taking the dangers seriously enough, or are the news reports about right?

	Exaggerating the dangers	Not taking the dangers seriously enough	About right	Don't know	Refused
1/25/06	27	11	53	10	*

8. During the past month, have you gotten information about the avian or bird flu from any of the following sources? How about from (INSERT)?

	Yes	No	Don't know	Refused
a. Television news	80	20	--	--
b. Newspapers	50	49	*	--
c. Radio	34	66	*	--
d. Friends and family members	20	80	*	--
e. Your doctor	4	96	--	--
f. A government website	5	95	*	--
g. Some other website	11	88	*	--

B. KNOWLEDGE ABOUT AVIAN OR BIRD FLU

10. To the best of your knowledge, have there been cases of the avian or bird flu among HUMANS in (INSERT FIRST ITEM)? How about (INSERT NEXT ITEM)? Have there been human cases there?

	Yes	No	Don't know	Refused
a. Asia	69	16	14	--
b. Africa	18	56	26	*
c. Europe	37	43	20	--
d. Canada	12	67	20	--
e. The U.S.	15	73	12	--

11. How likely do you think it is that there will be cases (more cases) of avian or bird flu among (INSERT ITEM) in the U.S. during the next 12 months? Do you think it is very likely, somewhat likely, not too likely, or not at all likely?

	LIKELY			NOT LIKELY			Don't know	Refused
	NET	Very	Somewhat	NET	Not too	Not at all		
a. Wild birds	59	12	46	38	27	11	3	--
b. Chickens or other farm-raised poultry	44	9	34	53	40	13	4	--
c. Humans	34	6	28	64	42	22	3	--

- 11/12. How likely do you think it is that there will be cases (more cases) of avian or bird flu among (INSERT ITEM) in the U.S. during the next 12 months? Do you think it is very likely, somewhat likely, not too likely, or not at all likely? (If very or somewhat likely) Do you think the avian or bird flu will spread widely among (INSERT ITEM), or won't it spread widely?

- a. Wild birds

	Cases of avian or bird flu are likely among wild birds			Cases of avian or bird flu are not likely among wild birds	Don't know	Refused
	NET	Will spread widely	Will not spread widely			
1/25/06	59	28	21	38	3	--

- b. Chickens or other farm raised poultry

	Cases of avian or bird flu are likely among chicken/other farm raised poultry			Cases of avian or bird flu are not likely among chicken/ other farm raised poultry	Don't know	Refused
	NET	Will spread widely	Will not spread widely			
1/25/06	44	24	17	53	4	--

- c. Humans

	Cases of avian or bird flu are likely among humans			Cases of avian or bird flu are not likely among humans	Don't know	Refused
	NET	Will spread widely	Will not spread widely			
1/25/06	34	14	17	64	3	--

13. Do you eat chicken or other poultry often, occasionally, or not at all?

	OFTEN/OCCASIONALLY			Not at all	Don't know	Refused
	NET	Often	Occasionally			
1/25/06	96	58	38	4	--	--

(Asked of total who eat chicken/other poultry often/occasionally; n = 1002)

14. If there were a case of avian or bird flu among chicken or other poultry in the U.S., which of the following would you do? Stop eating that type of chicken or poultry, reduce the amount of chicken or other poultry that you eat, or continue to eat chicken or other poultry?

	Stop eating that type	Reduce the amount	Continue to eat chicken or other poultry	Don't know	Refused
1/25/06	46	25	27	3	*

13/14. Combo Table

	Often/occasionally eat chicken/other poultry				Do not eat chicken/ other poultry	Don't know	Refused
	NET	Stop eating that type	Reduce the amount	Continue to eat chicken/ other poultry			
1/25/06	96	44	24	26	4	--	--

C. ANTIVIRALS

15. Have you heard or read about Tamiflu or other antiviral drugs that are used to treat people who have regular or seasonal flu?

	Yes, have heard or read	No, have not heard or read	Don't know	Refused
1/25/06	45	55	1	--

(Asked of total who have heard/read about Tamiflu/other anti-viral drugs used to treat people who have regular/seasonal flu; n = 523)

16. To the best of your knowledge, are Tamiflu and other antiviral drugs effective treatments once someone has gotten the symptoms of the avian or bird flu, or aren't they effective for that?

	Effective	Not effective	Don't know	Refused
1/25/06	25	47	27	--

15/16. Combo Table

	Heard/read about Tamiflu/other anti-viral drugs			Have not heard/read about Tamiflu/ other anti-viral drugs	Don't know	Refused
	NET	Effective for avian/bird flu	Not effective for avian/bird flu			
1/25/06	45	11	21	55	1	--

(Asked of total who have heard/read about Tamiflu/other anti-viral drugs used to treat people who have regular/seasonal flu; n = 523)

17. Have you talked with your doctor about the use of Tamiflu or other antiviral drugs for the treatment of avian or bird flu?

	Yes	No	Don't know	Refused
1/25/06	4	96	*	--

15/17. Combo Table

	Heard/read about Tamiflu/other anti-viral drugs			Have not heard/read about Tamiflu/ other anti-viral drugs	Don't know	Refused
	NET	Talked to doctor	Have not talked to doctor			
1/25/06	45	2	43	55	1	--

(Asked of total who have heard/read about Tamiflu/other anti-viral drugs used to treat people who have regular/seasonal flu and who have talked to their doctor about it; n = 24)

18. Did your doctor recommend that you have a supply of Tamiflu or some other antiviral drug on hand in case there is an outbreak of avian or bird flu?

	Yes	No	Don't know	Refused
1/25/06	30	67	3	--

15/17/18. Combo Table

	1/26/06
Heard/read about Tamiflu/other anti-viral drugs	45
Talked to doctor	2
Doctor recommended having a supply	1
Doctor did not recommend having a supply	1
Have not talked to doctor	43
Have not heard/read about Tamiflu/other anti-viral drugs	55
Don't know	1
Refused	--

(Total who have heard/read about Tamiflu/other anti-viral drugs used to treat people who have regular/seasonal flu and who have talked to their doctor about it; n = 24)

19. Have you gotten a prescription filled for Tamiflu or some other antiviral drug, or not?

	Yes, gotten prescription	No, have not gotten prescription	Don't know	Refused
1/25/06	18	82	--	--

15/17/19. Combo Table

	1/26/06
Heard/read about Tamiflu/other anti-viral drugs	45
Talked to doctor	2
Gotten a prescription	*
Did not get a prescription	2
Have not talked to doctor	43
Have not heard/read about Tamiflu/other anti-viral drugs	55
Don't know	1
Refused	--

20. What if there were a major outbreak of the avian or bird flu among HUMANS in the U.S. and there weren't enough doses of Tamiflu and other antiviral drugs to treat everyone. Would you be willing to wait to get an antiviral drug until after (INSERT ITEM) have gotten theirs, or wouldn't you be willing to wait?

	Would be willing to wait	Would not be willing to wait	Don't know	Refused
a. Doctors and nurses	80	16	3	*
b. People hospitalized with the flu	81	15	4	*
c. Police and firefighters	74	22	4	*

(Asked of one half total respondents; n = 522)

21a. If there were a major outbreak of the avian or bird flu among HUMANS in the U.S. and there weren't enough doses of Tamiflu and other antiviral drugs to treat everyone, who do you think should decide who gets these antiviral drugs: federal government health officials, your state health department, your local health department, or individual doctors and nurses?

	Federal government health officials	Your state health department	Your local health department	Individual doctors and nurses	Don't know	Refused
1/25/06	24	18	17	34	7	1

(Asked of one half total respondents; n = 521)

21b. If there were a major outbreak of the avian or bird flu among HUMANS in the U.S. and there weren't enough doses of Tamiflu and other antiviral drugs to treat everyone, who do you think should decide who gets these antiviral drugs: the national Centers for Disease Control and Prevention, or CDC, your state health department, your local health department, or individual doctors and nurses?

	The national Centers for Disease Control and Prevention, or CDC	Your state health department	Your local health department	Individual doctors and nurses	Don't know	Refused
1/25/06	39	17	15	24	5	1

22. It is likely that if there is an outbreak of avian or bird flu in several countries, there won't be enough Tamiflu or other antiviral drugs for everyone who needs it. Some people have suggested that the U.S. should share some of its supply with other countries in order to try to stop the spread of the disease to the U.S. Others say that sharing the supply with other countries would risk using up supplies of those drugs so that they would not be available to as many people if there were an outbreak in the U.S. What is your own view? Should the U.S. share some of its supply of antiviral drugs with other countries, or should it keep all of its supply for possible future use in the U.S.?

	Should share some of its supply	Should keep all of its supply	Don't know	Refused
1/25/06	66	30	4	*

D. VACCINE AGAINST AVIAN OR BIRD FLU

23. To the best of your knowledge, does the regular or seasonal flu vaccine prevent you from getting the avian or bird flu, or doesn't it prevent you from getting it?

	Yes, does prevent	No, does not prevent	Don't know	Refused
1/25/06	8	77	15	--

24. Currently there is no vaccine SPECIFICALLY against avian or bird flu to prevent a person from getting the disease, but work is being done to develop one for the future. How concerned do you think you would be about the safety of a new vaccine that had just been developed against avian or bird flu? Would you be very concerned, somewhat concerned, not too concerned, or not at all concerned?

	CONCERNED			NOT CONCERNED			Don't know	Refused
	NET	Very	Somewhat	NET	Not too	Not at all		
1/25/06	69	27	42	29	22	8	2	*

25. How confident do you think you would be that a newly-developed vaccine would be effective against avian or bird flu? Would you be very confident, somewhat confident, not too confident, or not at all confident?

	CONFIDENT			NOT CONFIDENT			Don't know	Refused
	NET	Very	Somewhat	NET	Not very	Not at all		
1/25/06	79	16	63	19	14	5	2	--

26. If there were a major outbreak of the avian or bird flu among humans in the U.S., do you think the country has the capability to supply the vaccine for everyone who needs it, or don't you think that there will be enough?

	Has the capability to supply the vaccine for everyone who needs it	Don't think there will be enough	Don't know	Refused
1/25/06	29	66	5	*

E. QUARANTINE

27. Recently public health authorities have talked about the possible need to quarantine people if there were an outbreak of an infectious disease. In order to keep the disease from spreading, people who were exposed to the disease might be quarantined in special health facilities or asked to restrict their movements or to remain at home for a period of time. To the best of your knowledge, is the avian or bird flu one of the diseases where people who are exposed should be quarantined, or not?

	Yes, should be quarantined	No, should not be quarantined	Don't know	Refused
1/25/06	78	14	9	--

INTERVIEWER READ: Now I'm going to ask you about a couple of different situations involving the avian or bird flu.

28. Suppose you had avian or bird flu and health officials told you that you had to stay at home, away from other people for two or three weeks. Would you agree to that, or wouldn't you?

	Yes, would agree	No, would not agree	Don't know	Refused
1/25/06	96	4	1	--

29. What if you had been near someone who had avian or bird flu and MIGHT have the disease yourself, but you don't yet have any symptoms? If health officials told you that you had to stay at home, away from other people for two or three weeks, would you agree to that, or wouldn't you?

	Yes, would agree	No, would not agree	Don't know	Refused
1/25/06	83	14	3	--

F. PRECAUTIONS

30. Do you take prescription drugs on a regular or ongoing basis, or not?

	Yes	No	Don't know	Refused
1/25/06	49	51	--	--

31. I am going to read a list of things some people have in their homes. For each one, please say if this is something you currently have or do not have. Do you have (INSERT ITEM)?

	Yes	No	Don't know	Refused
a. Gatorade or other fluids with electrolytes	50	49	*	*
b. Medicine for fever, such as acetaminophen or ibuprofen	86	13	*	*
c. A thermometer to measure fever	83	16	*	--
d. Anti-diarrheal medicine, such as Kaopectate or Imodium	54	46	*	*
e. Tamiflu or some other antiviral drug	10	88	1	*
f. (Asked of those who take prescription drugs on a regular or ongoing basis) A month's supply of the prescription medicines you take	84	15	--	1

- f. A month's supply of the prescription medicines you take

	Yes	No	Don't know	Refused	Do not take prescription medicines
1/25/06	41	7	--	*	51

Antiviral Summary (Q15/17/19/31f): Have in home or have gotten prescription

	Have in home/gotten prescription	Don't have	Don't know/refused
1/25/06	10	88	2

32. How often do you take international flights—never at all, 1-5 times a year, 6-9 times a year, or 10 times or more a year?

	Never at all	1-5 times a year	6-9 times a year	10 times or more a year	Don't know	Refused
1/25/06	76	22	1	*	1	*

(Asked of those who take international flights; n = 237)

33. If you heard that there were HUMAN cases of the avian or bird flu in particular parts of the world, do you think you would do any of the following things? Would you (INSERT)?

	Yes	No	Don't know	Refused
a. Avoid traveling to that part of the world	81	16	3	--
b. Listen to and follow any travel advisories that warn people about traveling to these parts of the world	94	5	1	--

Q32/33a Combo table

	TAKE INT'L FLIGHTS			Do not take int'l flights	Don't know	Refused
	NET	Avoid travel	Will not avoid travel			
1/25/06	23	19	4	76	1	*

Q32/33b Combo table

	TAKE INT'L FLIGHTS			Do not take int'l flights	Don't know	Refused
	NET	Listen/take advisories	Do not listen to/take			
1/25/05	23	22	1	76	1	*

34. If you were on an airplane with someone who had the avian or bird flu, would you WANT or would you NOT WANT public health authorities to contact you to warn you of potential exposure?

	Would WANT to be contacted	Would NOT WANT to be contacted	Don't know	Refused
1/25/06	94	4	1	*

35. I'm going to read you a list of things some people might do as precautions against getting a disease. As I read each one, please tell me if you think it is something you would do if a HUMAN case of the avian or bird flu were reported IN YOUR STATE?

	Yes	No	Don't know	Refused
a. Consult a website for information about how to protect yourself against the avian or bird flu	79	20	1	*
b. Avoid public events or events where there are a lot of people	71	28	1	*
c. Talk with your doctor about health issues related to the avian or bird flu	84	15	1	*
d. Try to get a prescription for Tamiflu or other antiviral drugs	68	30	3	*
e. Reduce or avoid travel	75	24	1	*
f. Wash your hands more frequently	90	9	*	*
g. Wear a face mask	52	46	2	*
h. Stay at home and keep your children at home while the outbreak lasts	68	28	3	*
i. Stock up on things that might help with symptoms of the flu, such as anti-fever or anti diarrheal medicines or Gatorade	85	14	1	*

36. Currently, are you yourself employed full-time, part-time, or not at all?

	EMPLOYED			Not employed	Don't know	Refused
	NET	Employed full-time	Employed part-time			
1/25/06	62	51	11	37	--	1

(Asked of total employed; n = 649)

37. If there were an outbreak of the avian or bird flu among HUMANS in your state, how concerned are you that you would not get paid if you had to be away from work? Are you very concerned, somewhat concerned, not too concerned, or not at all concerned?

	CONCERNED			NOT CONCERNED			Don't know	Refused
	NET	Very	Somewhat	NET	Not too	Not at all		
1/25/06	59	39	19	41	16	25	*	--

(Asked of total employed; n = 649)

38. If there were an outbreak of the avian or bird flu among HUMANS in your state, how concerned are you that your employer would make you go to work even if you were sick? Are you very concerned, somewhat concerned, not too concerned, or not at all concerned?

	CONCERNED			NOT CONCERNED			Don't know	Refused
	NET	Very	Somewhat	NET	Not too	Not at all		
1/25/06	39	25	14	60	16	44	1	*

G. CONFIDENCE IN VARIOUS GROUPS

39. How confident are you that your doctor can recognize the symptoms of the avian or bird flu? Are you very confident, somewhat confident, not very confident, or not at all confident?

	CONFIDENT			NOT CONFIDENT			Don't know	Refused
	NET	Very	Somewhat	NET	Not very	Not at all		
1/25/06	74	35	39	22	14	8	4	*

40. In the case of a national outbreak of the avian or bird flu among HUMANS in the U.S., how much would you trust each of the following as a source of reliable information about prevention and treatment of the disease? If you haven't heard enough about that person to have an opinion, just tell me. First/Next, how much would you trust (INSERT)? Would you say, a great deal, a good amount, only some, or very little?

	GREAT DEAL/GOOD AMOUNT			ONLY SOME/VERY LITTLE			Don't know	Refused
	NET	Great deal	Good amount	NET	Only some	Very little		
a. The Secretary of Agriculture	43	17	26	52	31	21	5	*
b. The Director of the FDA, or Food and Drug Administration	53	24	29	44	28	16	3	*
c. The Secretary of Homeland Security	32	15	17	64	29	35	3	*
d. The Secretary of Health and Human Services	55	25	30	41	27	15	4	*
e. The Director of the CDC, or Centers for Disease Control and Prevention	73	45	28	25	17	8	2	*

H. POLICY QUESTIONS

41. Which ONE of the following federal agencies do you think should be mainly responsible for preventing the spread of the avian or bird flu among HUMANS in the U.S.?

	1/25/06
The USDA, or U.S. Department of Agriculture	9
The CDC, or Centers for Disease Control and Prevention	59
The FDA, or Food and Drug Administration	6
The Department of Health and Human Services	15
The Department of Homeland Security	4
Don't know	6
Refused	1

42. Do you think the U.S. is spending too much, too little, or about the right amount of money to protect the country against the avian or bird flu?

	Too much	Too little	About the right amount	Don't know	Refused
1/25/06	6	36	36	22	*

I. FACTUALS

43. In general, would you say your health is excellent, very good, good, fair, or poor?

	EXCELLENT/VERY GOOD/GOOD				FAIR/POOR			Don't know	Refused
	NET	Excellent	Very good	Good	NET	Fair	Poor		
1/25/06	85	27	34	25	14	11	3	*	*

44. During the past year have you had, or do you currently have, any of the following health conditions?

	Yes	No	Don't know	Refused
a. Arthritis	24	75	*	1
b. Asthma	10	90	*	1
c. Diabetes	10	90	--	*
d. High blood pressure	23	76	*	1

Health Condition Summary Table

	Yes	No	Don't know/refused
1/25/06	43	56	1

(Asked of total employed; n = 649)

45. Do you currently work in any of the following types of jobs? (Do you/Are you) (INSERT)?

	Yes	No	Don't know	Refused
a. Work in a health-care related job	14	86	--	--
b. A police officer	1	99	--	--
c. A firefighter	1	99	--	--

(Asked of those who work in a health-related job; n = 97)

45a. Does your work involve direct contact in the care of patients, or not?

	Yes	No	Don't know	Refused
1/25/06	71	29	--	--

Q36/45/45a Combo Table

	1/25/06
Employed (net)	62
Work in a health-care related job (subnet)	9
Involves direct contact	6
No direct contact	2
Police officer	1
Firefighter	1
Not employed	37
Don't know	--
Refused	1

Front Line Summary: Work in health-related job that involves direct contact in care of patients or police officer or firefighter

	Yes	No	Don't know/refused
1/25/06	7	92	1