



Form Approved
0920-xxxx
Exp xx/xx/xxxx

CDC Water and Health Study

Instructions

An adult (18 years old or over) should fill out this survey. If there are children less than 18 in the house, the adult should fill out the survey for them.

Participation is voluntary. Return of a completed survey indicates your consent to participate. For more information, please see the enclosed brochure.



**Centers for Disease
Control and Prevention**
National Center for Emerging and
Zoonotic Infectious Diseases

Public reporting burden of this collection of information is estimated to average 12 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to CDC/ATSDR Information Collection Review Office, 1600 Clifton Road NE, MS D-74, Atlanta, Georgia 30333; ATTN: PRA (0920-xxxx).

SECTION 1 HOUSEHOLD WATER USE

In this first section, we'd like to ask some general questions about your household water use. By "tap water," we mean drinking water supplied by your water company.

- 1** Please mark all of the ways that you and the people in your household have used tap water in the last 30 days. **(check all that apply)**
- | | |
|--|---|
| <input type="checkbox"/> Drinking | <input type="checkbox"/> Feeding/watering animals |
| <input type="checkbox"/> Mixing cold drinks | <input type="checkbox"/> Filling wading or baby pool |
| <input type="checkbox"/> Making hot drinks | <input type="checkbox"/> Filling pool or hot tub |
| <input type="checkbox"/> Making ice | <input type="checkbox"/> Indoor or outdoor fountain |
| <input type="checkbox"/> Rinsing produce | <input type="checkbox"/> Vaporizer or humidifier |
| <input type="checkbox"/> Cooking | <input type="checkbox"/> Nebulizer or CPAP |
| <input type="checkbox"/> Mixing infant formula | <input type="checkbox"/> Nasal/sinus irrigation or Neti pot |
| <input type="checkbox"/> Washing dishes | |
| <input type="checkbox"/> Brushing teeth | |
| <input type="checkbox"/> Washing hands | |
| <input type="checkbox"/> Bathing/showering | |
| <input type="checkbox"/> Contact lens care | |
| <input type="checkbox"/> Watering plants or lawn | |
- 2** At home, what type of water do you and other members of your household drink most often? **(check only one)**
- | |
|---|
| <input type="checkbox"/> Tap water, treated in the home (for example, boiled or filtered) |
| <input type="checkbox"/> Tap water, treated with a water softener only |
| <input type="checkbox"/> Tap water, not treated in the home |
| <input type="checkbox"/> Tap water, not sure how it is treated |
| <input type="checkbox"/> Commercially bottled water |
| <input type="checkbox"/> Other (Please specify _____) |
- 3** Does your home have a private well?
- | |
|-------------------------------------|
| <input type="checkbox"/> Yes |
| <input type="checkbox"/> No |
| <input type="checkbox"/> Don't know |
- 4** Do you have a water softener in your home?
- | |
|-------------------------------------|
| <input type="checkbox"/> Yes |
| <input type="checkbox"/> No |
| <input type="checkbox"/> Don't know |
- 5** What water filters are used in your home? **(check all that apply)**
- | |
|---|
| <input type="checkbox"/> No water filter used |
| <input type="checkbox"/> Water pitcher with filter |
| <input type="checkbox"/> Refrigerator dispenser with filter |
| <input type="checkbox"/> Filter on the faucet |
| <input type="checkbox"/> Filter under the sink |
| <input type="checkbox"/> Other (Please specify _____) |
| <input type="checkbox"/> Don't know |

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SECTION 2 YOUR HOME

Please answer the following general questions about your home.

6 Which of the following best describes where you live? **(check only one)**

- House
- Apartment or condominium
- Mobile Home
- Other (please specify _____)

7 What pets do you have in your home or yard? **(check all that apply)**

- No pets
- Hamster, gerbil, or mouse
- Bird
- Adult dog
- Puppy
- Reptile or amphibian (e.g. turtle, snake, iguana, frog, chameleon, salamander)
- Adult cat
- Kitten
- Other (please specify _____)

8 Are there any livestock or animal enclosures located within 50 yards of your household? **(check all that apply)**

- No livestock or animal enclosures
- Cattle or feedlots
- Poultry or poultry houses
- Pigs
- Horses
- Other livestock/animal enclosures (please specify _____)

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SECTION 3 RECENT WATER SERVICE

In this section, we are asking about your recent water service. Please refer to the label on the front of this booklet or the enclosed calendar for the dates of the 3-week period.

9 At any time during the **3-week period** on the label,

- Did anyone in your home notice low water pressure? (For example, you turned on the faucet and the water didn't come out as much as usual or the pipes made a sputtering noise.)
 - Yes
 - No
 - Don't know

- Did you completely lose water service? (For example, you turned on the faucet and nothing came out.)
 - Yes
 - No
 - Don't know

- Did anyone notice a change in the odor, taste, or color of tap water at home? (**check all that apply**)
 - Change in odor
 - Change in taste
 - Change in color
 - Did not notice any changes

- Were you told to boil your water before drinking it? (For example, on the news, by a phone call, or on a door hanger)
 - Yes
 - No
 - Don't know

→ If **YES**, what did you use for drinking water during that time?

- We **only** drank bottled water.
- We **always boiled** our tap water before we drank it.
- We **sometimes boiled** our tap water before we drank it.
- We usually drank our tap water **without boiling** it first.

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SECTION 4 PEOPLE IN YOUR HOUSEHOLD

- 10** How many people, including you, live in your household? Do not include short-term visitors.

Please enter number in box. → People

The rest of the survey asks about the individual people in your household. Please do not include short-term visitors.

To help keep the columns straight, please identify each person with initials. These do not have to be their real initials. Please keep the same order on the next pages. If there are more than 6 people in your household, please list yourself, the two oldest, and the 3 youngest. If two individuals have the same initials, different initials should be used to avoid confusion.

You may need to ask the other household members for some answers. If you cannot ask, please give your best guess.

	Person 1 (yourself)	Person 2	Person 3	Person 4	Person 5	Person 6
11 Person's initials	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
12 Age (in years) (If unsure of the exact age, please give your best guess.)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
13 Sex	Circle Male or Female Male Female	Male Female	Male Female	Male Female	Male Female	Male Female

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SECTION 5 DRINKING WATER USE

	Person 1 (yourself)	Person 2	Person 3	Person 4	Person 5	Person 6
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Person's initials
(copy from Question 11)

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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- 14 What is each person's **main** source of drinking water at home?

Put an X in 1 box for each person.

Water from the tap, not filtered

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Water from the tap, filtered

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Bottled water

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Other (please specify)

In the next 2 questions, we are asking about drinking water from your water utility, or "tap water," that comes from your house. For these questions, it does not matter if you filter the water.

- 15 On average, about how many 8 ounce glasses of your home tap water does each person drink **per day**? Include water from home that you drink at another location, such as work, school, or sports activities.

	Glasses	Glasses	Glasses	Glasses	Glasses	Glasses
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

- 16 On average, about how many 8 ounce glasses of drinks mixed with your home tap water, such as Kool-Aid, instant iced tea, or watered-down juice, does each person drink **per day**? Do not include hot beverages, like brewed coffee or tea.

	Glasses	Glasses	Glasses	Glasses	Glasses	Glasses
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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SECTION 6 RECENT ACTIVITIES

In this section, we are interested in recent activities you and your household members did during the **3-week period**. Please refer to the label on the front of this booklet or the enclosed calendar for the dates of your **3-week period**.

	Person 1 (yourself)	Person 2	Person 3	Person 4	Person 5	Person 6
Person's initials (copy from Question 11)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

17 During the **3-week period**, did anyone

Circle Yes or No for each person.

	Person 1 (yourself)	Person 2	Person 3	Person 4	Person 5	Person 6
● Swim or wade in a lake, river, stream or ocean?	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
● Swim in a pool?	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
● Swallow or drink any water directly from a spring, lake, pond, stream, or river?	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
● Drink any water from a well?	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
● Go hiking or camping?	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
● Attend, work, or volunteer in a day care?	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
● Visit a petting zoo or farm with animals?	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
● Travel outside of the United States?	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No

Enter number of nights away from home.

● Spend any nights away from home?	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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SECTION 7 STOMACH PROBLEMS

Please refer to the label on the front of this booklet or the enclosed calendar for the dates of the **3-week period**. In this section, we are asking about new stomach problems that started during the **3-week period** (“new onset”), not problems that you normally have.

	Person 1 (yourself)	Person 2	Person 3	Person 4	Person 5	Person 6
Person’s initials (copy from Question 11)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

18 During the **3-week period**, did anyone have a **new onset** of any of the following stomach problems?

Circle Yes or No for each person.

	Person 1 (yourself)	Person 2	Person 3	Person 4	Person 5	Person 6
● Vomiting?	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
● Nausea?	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
● Diarrhea? (defined as 3 or more loose stools or bowel movements in any 24-hour period)	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
● Stomach cramps?	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
● Did they have a fever (100°F or higher) at the same time as stomach problems?	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No

If anyone had **ANY** stomach problems in question 18, please answer questions 19 and 20.

Write a number of days in box.

19 How many days did the stomach problems last?	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
20 When did the stomach problems start? (MM/DD/YY) If you are unsure of the exact date, please give your best guess.	__/__/__	__/__/__	__/__/__	__/__/__	__/__/__	__/__/__

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SECTION 8 COLDS AND FLU

Please refer to the label on the front of this booklet or the enclosed calendar for the dates of the **3-week period**. In this section, we are asking about new cold and flu symptoms that started during the **3-week period** ("new onset"), not symptoms that you normally have.

	Person 1 (yourself)	Person 2	Person 3	Person 4	Person 5	Person 6
Person's initials (copy from Question 11)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

21 During the **3-week period**, did anyone have a **new onset** of any of the following cold/flu symptoms?

Circle Yes or No for each person.

	Person 1 (yourself)	Person 2	Person 3	Person 4	Person 5	Person 6
● Cough?	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
● Runny nose?	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
● Muscle/body aches?	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
● Difficulty breathing?	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
● Did they have a fever (100°F or higher) at the same time as the cold or flu symptoms?	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No

If anyone had **ANY** cold/flu symptoms in question 21, please answer questions 22 and 23.

Write a number of days in box.

22 How many days did the cold/flu symptoms last?	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
23 When did the cold/flu symptoms start? (MM/DD/YY) If you are unsure of the exact date, please give your best guess.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

If you answered Yes to **any** stomach problems or cold or flu symptoms in **section 7** or **section 8**, please go on to **section 9**, Illness Details on the next page. If no one in your household had any stomach problems, cold or flu symptoms please skip to **section 10**.

SECTION 9 ILLNESS DETAILS

Please complete the section **only** if you answered Yes to **any** symptoms in **section 7 or section 8**. If no one had stomach problems, cold or flu symptoms in the 3-week period, you can skip to **section 10** on the next page.

These questions are asking about how illnesses during the 3-week period affected you.

	Person 1 (yourself)	Person 2	Person 3	Person 4	Person 5	Person 6
Person's initials (copy from Question 11)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Write a number of days in box.

24 How many days of school or work did each person miss because of stomach problems, cold or flu? (enter number of days missed, enter 0 if no school or work missed)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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Circle Yes or No for each person.

25 Did anyone see a healthcare provider for stomach problems, cold, or flu symptoms ?	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
26 Did a healthcare provider ask anyone to submit a stool sample for testing?	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
27 Was anyone admitted to the hospital for at least one day as a result of this illness?	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No

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COMMENTS

Are there any additional comments or information that you would like to provide?

This concludes the CDC Water and Health Study. Thank you!

We really appreciate your participation in this important study. Please fold this survey in half lengthwise, place it in the enclosed postage-paid envelope and put it in any U.S. Mail box.

Please mail to:

CDC
Mailstop C-09
Attention: Water and Health Study
1600 Clifton Rd. NE
Atlanta, GA 30333

Fold along dotted line and place in envelope.