

**CONTENT TEST INFORMATION PAGE**  
**For**  
**PLUMBING and KITCHEN FACILITIES (CFU required)**

**Question Wording:**

Current ACS Wording	Content Test Wording																								
<p><b>Does this house, apartment, or mobile home have COMPLETE plumbing facilities; that is, 1) hot and cold piped water, 2) a flush toilet, and 3) a bathtub or shower?</b></p> <p><input type="checkbox"/> Yes, has all three facilities  <input type="checkbox"/> No</p> <p><b>Does this house, apartment, or mobile home have COMPLETE kitchen facilities; that is, 1) a sink with piped water, 2) a stove or range, and 3) a refrigerator?</b></p> <p><input type="checkbox"/> Yes, has all three facilities  <input type="checkbox"/> No</p> <p><b>Is there telephone service available in this house, apartment, or mobile home from which you can both make and receive calls?</b></p> <p><input type="checkbox"/> Yes  <input type="checkbox"/> No</p>	<p><b>Does this house, apartment, or mobile home have:</b></p> <table style="width: 100%; border: none;"> <thead> <tr> <th style="width: 80%;"></th> <th style="width: 10%; text-align: center;">Yes</th> <th style="width: 10%; text-align: center;">No</th> </tr> </thead> <tbody> <tr> <td>a. hot and cold running water?</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>b. a flush toilet?</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>c. a bathtub or shower?</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>d. a sink with a faucet?</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>e. a stove or range?</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>f. a refrigerator?</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>g. telephone service from which you can both make and receive calls? <i>Include cell phones*</i>.</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </tbody> </table>		Yes	No	a. hot and cold running water?	<input type="checkbox"/>	<input type="checkbox"/>	b. a flush toilet?	<input type="checkbox"/>	<input type="checkbox"/>	c. a bathtub or shower?	<input type="checkbox"/>	<input type="checkbox"/>	d. a sink with a faucet?	<input type="checkbox"/>	<input type="checkbox"/>	e. a stove or range?	<input type="checkbox"/>	<input type="checkbox"/>	f. a refrigerator?	<input type="checkbox"/>	<input type="checkbox"/>	g. telephone service from which you can both make and receive calls? <i>Include cell phones*</i> .	<input type="checkbox"/>	<input type="checkbox"/>
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\* Note that including cell phone only households (i.e., households that do not have “land line” telephone service but do have access to a “cell phone” telephone service) alters the traditional definition of telephone households.

**Research Questions & Evaluation Measures (under consideration):**

No.	Research Questions	Evaluation Measures
1.	Can we improve the reliability of the data by making the following changes to the kitchen and plumbing facilities questions? <ul style="list-style-type: none"> <li>- reformatting the series to ask about each component of the kitchen and plumbing facilities separately as a yes/no response</li> <li>- ‘modernizing’ the language and further distinguishing (a) and (d) in the test version</li> </ul>	Calculate the index of inconsistency using the Content Follow-Up interview
2.	Will the changes to the kitchen and plumbing facilities questions increase the estimates of complete plumbing facilities and complete kitchen facilities?	Compare estimates of complete plumbing facilities and complete kitchen facilities between control and test versions
3.	Will the changes to the kitchen and plumbing facilities questions impact item non-response?	Compare item non-response rates between the control and test versions
4.	Can we improve the reliability of the telephone availability question by including an explicit instruction to include cell phones, and including it as part of the yes/no facilities series?	Calculate the index of inconsistency using the Content Follow-Up interview
5.	Does the estimate of available telephones change by including an explicit instruction to include cell phones and including it as part of the yes/no facilities series?	Compare estimates of telephone availability between the control and test versions.
6.	Do the changes to the telephone availability question (adding instruction, including it as part of the reformatted facilities series) impact item non-response?	Compare item non-response rates between the control and test versions

**Selection Criteria (under consideration):**

Research Q	Criteria
1, 4	The index of inconsistency for the test version of the questions is equal to or less than the index of inconsistency for the control panel
2	The test version of the questions results in the same or higher estimate of complete kitchen facilities and complete plumbing facilities
3	Item non-response rates for the set of items needed to make up a complete response in the test version are equal to or less than item non response rates in the control
5	The estimate of telephone availability for the test version is equal to or higher than the estimate of telephone availability for the control version
6	Item non-response rates for the test version of the telephone availability question are equal to or less than the item non-response rates in the control