Brief Introduction of research project for the IRB:

We are conducting a research study on Smartphones and Internet usage. We plan to administer an electronic survey via the Internet to collect data. Basically, we want to know if the proliferation of affordable Smartphones has helped bridge the digital divide in U.S. in the past 10 years? Our hypotheses are:

H1: In the past 10 years, Americans of lower income have higher Internet usage rates due to the access of Smartphones

H2: Americans of disenfranchised ethnic groups have higher Internet usage rates due to the access of Smartphones compared to 10 years ago

H3: Americans of lower education (no college experience) have higher Internet usage rates due to the access of Smartphones compared to 10 years ago

**Survey:**

A Smartphone is “a cellular telephone with built-in applications and Internet access.” A Smartphone is a combination of a cell phone and a Personal Digital Assistant (PDA).

1. Do you own a mobile phone?
2. How long have you had your current mobile phone?
   1. Less than 6 months
   2. 6 months – 11 months
   3. 1 year
   4. 2 years
   5. 3 years
   6. +4 years
3. Which model of mobile phone do you have?
   1. \_\_\_\_\_\_\_\_\_\_\_\_\_
4. What operating system does your current phone use?
5. [Nokia](http://en.wikipedia.org/wiki/Nokia)'s [Symbian](http://en.wikipedia.org/wiki/Symbian)
6. [Google](http://en.wikipedia.org/wiki/Google)'s [Android](http://en.wikipedia.org/wiki/Android_(operating_system))
7. [Apple's](http://en.wikipedia.org/wiki/Apple_Inc.) [iOS](http://en.wikipedia.org/wiki/IOS_(Apple))
8. [RIM's](http://en.wikipedia.org/wiki/Research_in_Motion) [BlackBerry OS](http://en.wikipedia.org/wiki/BlackBerry_OS)
9. [Microsoft](http://en.wikipedia.org/wiki/Microsoft)'s [Windows Phone](http://en.wikipedia.org/wiki/Windows_Phone_7)
10. [Linux](http://en.wikipedia.org/wiki/Linux)
11. [Palm](http://en.wikipedia.org/wiki/Palm,_Inc.)/[HP](http://en.wikipedia.org/wiki/HP)'s [WebOS](http://en.wikipedia.org/wiki/WebOS)
12. [Samsung](http://en.wikipedia.org/wiki/Samsung)'s [Bada](http://en.wikipedia.org/wiki/Bada_(operating_system))
13. [Nokia](http://en.wikipedia.org/wiki/Nokia)'s [Maemo](http://en.wikipedia.org/wiki/Maemo)
14. [MeeGo](http://en.wikipedia.org/wiki/MeeGo_(operating_system))
15. None
16. Other/don’t know
17. In order for a mobile phone to be considered a Smartphone, it must run an operating system, such as one listed in question 4. With that in mind, is your mobile phone a Smartphone?
    1. Yes
    2. No
    3. I don’t know
18. Can you access the Internet from you mobile phone?
    1. Yes
    2. No
    3. I don’t know
19. Do you use access the Internet from a computer?
    1. Yes
    2. No
    3. I don’t know
20. Describe the frequency of your Internet usage since you’ve owned a Smartphone compared to your internet usage before you owned a Smartphone?
    1. No difference
    2. It’s increased somewhat
    3. It’s increased a lot
    4. It’s decreased somewhat
    5. It’s decreased a lot
    6. Don’t know
21. Rank on a scale of 1-5 how often you use, if any, the following features on your Smart phone:

* MP3/music player/ radio
* Talk
* text
* Download TV shows, movies, digital books etc.
* GPS/navigation
* Calendar/planner
* Download applications
* Banking
* Games
* Shopping
* News/weather
* E-mail
* Dating
* Podcast/ E-learning
* Digital camera/video
* Blog
* Social networking
* Educational services
* Business related functions
* Video chat/meeting

1. Before you owned your Smart phone, rank on a scale of 1-5 how often you use, if any, the following features on a computer:

* MP3/music player/ radio
* Download TV shows, movies, digital books etc.
* GPS/navigation
* Calendar/planner
* Download applications
* Banking
* Games
* Shopping
* News/weather
* E-mail
* Dating
* Podcast/ E-learning
* Digital camera/video
* Blog
* Social networking
* Educational services
* Business related functions
* Video chat/meeting

1. Since you’ve owned a Smart phone, rank on a scale of 1-5 how often you use, if any, the following features on a computer:

* MP3/music player/ radio
* Download TV shows, movies, digital books etc.
* GPS/navigation
* Calendar/planner
* Download applications
* Banking
* Games
* Shopping
* News/weather
* E-mail
* Dating
* Podcast/ E-learning
* Digital camera/video
* Blog
* Social networking
* Educational services
* Business related functions
* Video chat/meeting

Census

**Demographics**

1. What is your gender?
   1. Male
   2. Female
2. How old are you?
   1. -18
   2. 18-24
   3. 25-29
   4. 30-39
   5. 40-49
   6. 50-59
   7. 60+
3. What is your level of education
   1. Some high school
   2. GED
   3. High school degree
   4. Some college
   5. College graduate
   6. Post graduate program
4. What is your household income level?
   1. -$10,000
   2. $10,000-$19,999
   3. $20,000-$29,999
   4. $30,000-$39,999
   5. $40,000-$49,999
   6. $50,000-$59,999
   7. $60,000-$69,999
   8. $70,000-$79,999
   9. +$80,000
5. What is your ethnicity?
   1. Black
   2. White (non Hispanic)
   3. Hispanic
   4. Asian or Pacific Islander
   5. Native American
   6. Other/mixed race