

**National Institute of Standards and Technology (NIST), Information Technology  
Laboratory, Information Access Division**

**Character String Typing Study Pre-Task Questionnaire:**

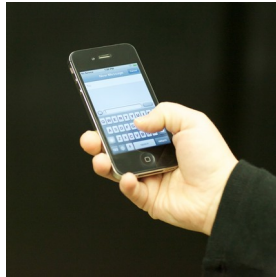
1) Age: \_\_\_\_\_

Gender: \_\_\_\_\_

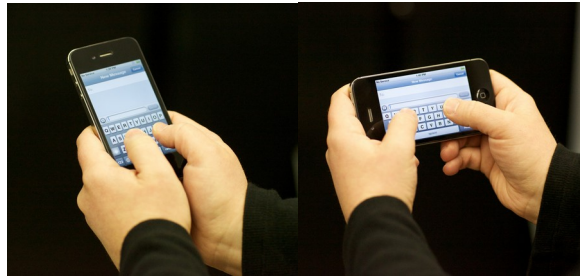
Education \_\_\_\_\_

2) Do you typically enter text on your smartphone by (check one):

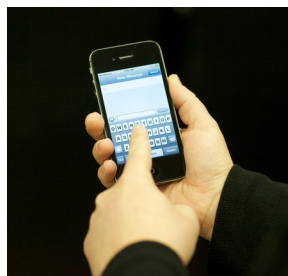
- Holding the phone in one hand, typing with one thumb



- Holding the phone in both hands, typing with both thumbs



- Holding the phone in one hand, typing with the index finger of the opposite hand

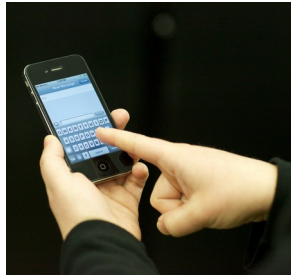


- Voice input
- Other. Please describe \_\_\_\_\_

3) Do you typically enter text on your smartphone using the horizontal or vertical orientation? (check one)



Horizontal



Vertical

4) Before you had your current smartphone, did you have a smartphone with a hard full keyboard? (check one)

- Yes
- No

5) If you have had experience typing with both a virtual smartphone keyboard and a hard smartphone keyboard, which one did you prefer? (check one)

- Virtual Keyboard
- "Hard" Keyboard

Why?

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9) Please rate your familiarity with the location of **numbers and punctuation symbols** on the virtual keyboard. (check one)

- not at all familiar (I have to search for almost every number or punctuation I am trying to type)
- somewhat familiar (I can find most numbers and punctuations pretty easily)
- very familiar (I know where the numbers and punctuations are without searching)



10) Please rate your familiarity with the location of **special mathematical symbols** on the virtual keyboard (for example, \*, #, () etc). (check one)

- not at all familiar (I have to search for almost every special mathematical symbols I am trying to type)
- somewhat familiar (I can find most special mathematical symbols pretty easily)
- very familiar (I know where the special mathematical symbols are without searching)



NOTE: This survey contains collection of information requirements subject to the Paperwork Reduction Act. Notwithstanding any other provision of the law, no person is required to respond to, nor shall any person be subject to a penalty for failure to comply with, a collection of information subject to the requirements of the Paperwork Reduction Act, unless that collection of information displays a currently valid OMB control number. The estimated response time for this survey is 15 minutes. The response time includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information." Send Comments regarding this estimate or any other aspects of this collection of information, including suggestions for reducing the length of this questionnaire, to the National Institute of Standards and Technology, Attn., Mary Theofanos, at [mary.theofanos@nist.gov](mailto:mary.theofanos@nist.gov) .

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