**Completion Time:** 5-10 mins

**Smartphones text entry (Focus)**

* How do people enter text with one hand?

**Ideal survey length is 20 - 35 questions**

**Demographic Questions:**

* What is your age?
  + 0 - 18
  + 19 - 30
  + 31 - 40
  + 41 - 50
  + 51 - 60
  + 61 over
* How many languages do you understand at a proficient level?
  + 1
  + 2
  + 3
  + 4+
* What is your employment status?
  + Employed full-time
  + Employed part-time
  + Self-employed
  + Unemployed but actively seeking employment
  + Student
  + Retired
  + Homemaker
  + Other (please specify)
* Do you have a disability?
  + Yes
  + No
  + I don’t know
  + Prefer not to answer
* How often do you use your smartphone?
  + Several times an hour
  + Several times a day
  + Once a day
  + Several times a week
  + Rarely
  + Not using a smartphone

**Text Entry:**

* Have you ever entered text (typed on the virtual keyboard) on your smartphone with one hand?
  + Yes
  + No
* How often do you find yourself needing to enter text on your phone with one hand?
  + Never
  + A couple of times per year
  + A couple of times per month
  + A couple of times per week
  + Everyday
  + Couple times a day
  + Every hour
* In what situations do you find yourself entering text on your phone with one hand? Select all that apply.
  + On transportation
  + Walking
  + Eating
  + Other (please specify) \_\_\_\_\_
* How comfortable are you with holding your phone with one hand?
  + Very comfortable
  + Comfortable
  + Okay
  + Uncomfortable
  + Very uncomfortable
* Do you usually enter text with your phone in a vertical or horizontal position?
  + Vertical
  + Horizontal
  + I don’t type
* What is the level of difficulty you find when entering text with one hand compared to entering text with both hands?
  + Much easier
  + Easier
  + About the same
  + Harder
  + Much harder
* What is your typing speed when entering text with one hand compared to entering text with both hands?
  + Much faster
  + Faster
  + About the same
  + Slower
  + Much slower
* How often do you make mistakes when entering text with one hand compared to entering text with both hands?
  + Much less often
  + Less often
  + About the same
  + More often
  + Much more often
* What is the level of difficulty you find when fixing mistakes/typos with one hand compared to fixing mistakes/typos with both hands?
  + Much easier
  + Easier
  + About the same
  + Harder
  + Much harder
* What is your opinion on the autocorrect feature of your phone’s keyboard?
  + Very Helpful
  + Helpful
  + Neither helpful nor not helpful
  + Not helpful
  + Very not helpful
* What is your opinion on the usability of your phone’s ‘qwerty’ keyboard when typing single-handed?
  + Very usable
  + Usable
  + Neither usable nor not usable
  + Not usable
  + Very not usable
  + I don’t type single-handed
* What do you think of the size of the keys on your smartphone’s virtual keyboard?
  + Too big
  + Too small
  + Neutral (just right)
* How often do you find yourself switching between numbers and letters?
  + Almost always
  + Frequently
  + Occasionally
  + Rarely
  + Never
* What is the level of difficulty you find when switching between numbers and letters using one hand compared to that of two hands?
  + Much easier
  + Easier
  + About the same
  + Harder
  + Much harder
* How often do you switch languages on your keyboard?
  + Almost always
  + Frequently
  + Occasionally
  + Rarely
  + Never
* What is the level of difficulty you find when switching languages using one hand compared to that of two hands?
  + Much easier
  + Easier
  + About the same
  + Harder
  + Much harder
  + N/A
* What is your dominant hand?
  + Left
  + Right
  + I am ambidextrous
* How comfortable are you typing on your phone without looking at the keyboard?
  + Not comfortable
  + Somewhat not comfortable
  + Somewhat comfortable
  + Very comfortable.
* How often do you use autocomplete (predictive text) when typing?
  + Almost always
  + Frequently
  + Occasionally
  + Rarely
  + Never
* What is your opinion on the autocomplete feature of your phone’s keyboard?
  + Very Helpful
  + Helpful
  + Neither helpful nor not helpful
  + Not helpful
  + Very not helpful
  + N/A
* How often do you use customized shortcuts in your smartphone to increase typing efficiency?
  + Almost always
  + Frequently
  + Occasionally
  + Rarely
  + Never
  + N/A
* How often do you use customized gestures to increase your typing efficiency?
  + Almost always
  + Frequently
  + Occasionally
  + Rarely
  + Never
* Have you ever tried other 3rd party keyboard apps to improve typing experience?
  + Yes
  + No
* What is the level of difficulty of entering text on a smartphone compared to that of a computer?
  + Much easier
  + Easier
  + About the same
  + Harder
  + Much harder
* What are some other text entry methods that you have tried/used on your smartphone? Select all that apply.
  + Speech to text
  + Predictive text
  + Swipe/gesture to complete words
  + Stylus pencil
  + Physical external keyboard
  + Other (please specify)

**Not included?**

* How do you fix typos with one hand? [hard to write answer choices]
  + Auto complete
  + Backspace
  + I don’t
* When typing a sentence on your smartphone, estimate the percentage of words you typically type incorrectly. [redundant and hard for participants to answer]
  + 0 - 20%
  + 21 - 40%
  + 41 - 60%
  + 61 - 80%
  + 81%-100%
* How comfortable are you with typing with one hand compared to two hands? [redundant]
  + Not comfortable
  + neutral
  + comfortable
* How satisfied are you with the responsiveness of your smart phone’s keyboard? (1 to 5, 1 very dissatisfied, 5 very satisfied, 3 neutral) [irrelevant]
  + 1
  + 2
  + 3
  + 4
  + 5