Supplement:

<div align="center">

Table S1. Sample Size Calculation

</div>

Population size(for finite population correction factor or fpc)(N):   667280
Hypothesized % frequency of outcome factor in the population (p):33%+/-5
Confidence limits as % of 100(absolute +/- %) (d):   5%
Design effect (for cluster surveys-$DEFF$):   1

<div align="center">

Sample Size(n) for Various Confidence Levels

</div>

ConfidenceLevel(%)	Sample Size
95%	340
80%	146
90%	240
97%	417
99%	587
99.9%	957
99.99%	1337

Equation
Sample size n = [DEFF*Np(1-p)]/ [(d²/Z²$_{1-\alpha/2}$*(N-1)+p*(1-p)] [14]

Results from OpenEpi, Version 3, open source calculator--SSPropor
Print from the browser with ctrl-P
or select text to copy and paste to other programs.