HI Connectivity

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5/4/2021

## Data Import

## Q43

Q43 Members of my household depend on community spaces like libraries and public “hot spots” for internet access.:Which of the following is true for you regarding digital connectivity? (Select all that apply)

Descriptives:

## # A tibble: 2 x 2  
## Current\_Q n  
## <fct> <int>  
## 1 No 1327  
## 2 Yes 131

## # A tibble: 6 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q income n  
## <fct> <fct> <int>  
## 1 No <$65,000 495  
## 2 No >=$65,000 649  
## 3 No <NA> 183  
## 4 Yes <$65,000 68  
## 5 Yes >=$65,000 58  
## 6 Yes <NA> 5

## # A tibble: 6 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q education n  
## <fct> <fct> <int>  
## 1 No No Postsecondary Ed 185  
## 2 No Postsecondary Ed 1038  
## 3 No <NA> 104  
## 4 Yes No Postsecondary Ed 18  
## 5 Yes Postsecondary Ed 112  
## 6 Yes <NA> 1

## # A tibble: 8 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Loc n  
## <fct> <fct> <int>  
## 1 No Honolulu County 774  
## 2 No Hawai'i County 282  
## 3 No Kaua'i County 100  
## 4 No Maui-Moloka'i-Lana'i County 171  
## 5 Yes Honolulu County 62  
## 6 Yes Hawai'i County 32  
## 7 Yes Kaua'i County 20  
## 8 Yes Maui-Moloka'i-Lana'i County 17

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 0.0898 0.286

## # A tibble: 3 x 3  
## income mean sd  
## <fct> <dbl> <dbl>  
## 1 <$65,000 0.121 0.326  
## 2 >=$65,000 0.0820 0.275  
## 3 <NA> 0.0266 0.161

## # A tibble: 3 x 3  
## education mean sd  
## <fct> <dbl> <dbl>  
## 1 No Postsecondary Ed 0.0887 0.285   
## 2 Postsecondary Ed 0.0974 0.297   
## 3 <NA> 0.00952 0.0976

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 0.0742 0.262  
## 2 Hawai'i County 0.102 0.303  
## 3 Kaua'i County 0.167 0.374  
## 4 Maui-Moloka'i-Lana'i County 0.0904 0.288

Analyses:

## Analysis of Deviance Table  
##   
## Model: binomial, link: logit  
##   
## Response: Current\_Q  
##   
## Terms added sequentially (first to last)  
##   
##   
## Df Deviance Resid. Df Resid. Dev Pr(>Chi)   
## NULL 1237 814.53   
## income 1 4.8761 1236 809.65 0.02723 \*  
## education 1 1.3551 1235 808.30 0.24438   
## Loc 3 7.3285 1232 800.97 0.06213 .  
## income:education 1 4.0823 1231 796.89 0.04334 \*  
## income:Loc 3 3.6996 1228 793.19 0.29579   
## education:Loc 3 2.1793 1225 791.01 0.53604   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1

Q43 My household has enough internet-capable devices for everyone to be online at the same time, if needed.:Which of the following is true for you regarding digital connectivity? (Select all that apply)

Descriptives:

## # A tibble: 2 x 2  
## Current\_Q n  
## <fct> <int>  
## 1 No 601  
## 2 Yes 857

## # A tibble: 6 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q income n  
## <fct> <fct> <int>  
## 1 No <$65,000 276  
## 2 No >=$65,000 232  
## 3 No <NA> 93  
## 4 Yes <$65,000 287  
## 5 Yes >=$65,000 475  
## 6 Yes <NA> 95

## # A tibble: 6 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q education n  
## <fct> <fct> <int>  
## 1 No No Postsecondary Ed 97  
## 2 No Postsecondary Ed 428  
## 3 No <NA> 76  
## 4 Yes No Postsecondary Ed 106  
## 5 Yes Postsecondary Ed 722  
## 6 Yes <NA> 29

## # A tibble: 8 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Loc n  
## <fct> <fct> <int>  
## 1 No Honolulu County 329  
## 2 No Hawai'i County 141  
## 3 No Kaua'i County 56  
## 4 No Maui-Moloka'i-Lana'i County 75  
## 5 Yes Honolulu County 507  
## 6 Yes Hawai'i County 173  
## 7 Yes Kaua'i County 64  
## 8 Yes Maui-Moloka'i-Lana'i County 113

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 0.588 0.492

## # A tibble: 3 x 3  
## income mean sd  
## <fct> <dbl> <dbl>  
## 1 <$65,000 0.510 0.500  
## 2 >=$65,000 0.672 0.470  
## 3 <NA> 0.505 0.501

## # A tibble: 3 x 3  
## education mean sd  
## <fct> <dbl> <dbl>  
## 1 No Postsecondary Ed 0.522 0.501  
## 2 Postsecondary Ed 0.628 0.484  
## 3 <NA> 0.276 0.449

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 0.606 0.489  
## 2 Hawai'i County 0.551 0.498  
## 3 Kaua'i County 0.533 0.501  
## 4 Maui-Moloka'i-Lana'i County 0.601 0.491

Analyses:

## Analysis of Deviance Table  
##   
## Model: binomial, link: logit  
##   
## Response: Current\_Q  
##   
## Terms added sequentially (first to last)  
##   
##   
## Df Deviance Resid. Df Resid. Dev Pr(>Chi)   
## NULL 1237 1664.6   
## income 1 35.195 1236 1629.4 2.983e-09 \*\*\*  
## education 1 1.692 1235 1627.7 0.1933   
## Loc 3 1.180 1232 1626.5 0.7579   
## income:education 1 1.282 1231 1625.2 0.2575   
## income:Loc 3 5.103 1228 1620.1 0.1644   
## education:Loc 3 2.826 1225 1617.3 0.4193   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1

Q43 My household has internet access at a speed and quality that meets our needs.:Which of the following is true for you regarding digital connectivity? (Select all that apply)

Descriptives:

## # A tibble: 2 x 2  
## Current\_Q n  
## <fct> <int>  
## 1 No 652  
## 2 Yes 806

## # A tibble: 6 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q income n  
## <fct> <fct> <int>  
## 1 No <$65,000 249  
## 2 No >=$65,000 289  
## 3 No <NA> 114  
## 4 Yes <$65,000 314  
## 5 Yes >=$65,000 418  
## 6 Yes <NA> 74

## # A tibble: 6 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q education n  
## <fct> <fct> <int>  
## 1 No No Postsecondary Ed 100  
## 2 No Postsecondary Ed 480  
## 3 No <NA> 72  
## 4 Yes No Postsecondary Ed 103  
## 5 Yes Postsecondary Ed 670  
## 6 Yes <NA> 33

## # A tibble: 8 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Loc n  
## <fct> <fct> <int>  
## 1 No Honolulu County 354  
## 2 No Hawai'i County 144  
## 3 No Kaua'i County 54  
## 4 No Maui-Moloka'i-Lana'i County 100  
## 5 Yes Honolulu County 482  
## 6 Yes Hawai'i County 170  
## 7 Yes Kaua'i County 66  
## 8 Yes Maui-Moloka'i-Lana'i County 88

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 0.553 0.497

## # A tibble: 3 x 3  
## income mean sd  
## <fct> <dbl> <dbl>  
## 1 <$65,000 0.558 0.497  
## 2 >=$65,000 0.591 0.492  
## 3 <NA> 0.394 0.490

## # A tibble: 3 x 3  
## education mean sd  
## <fct> <dbl> <dbl>  
## 1 No Postsecondary Ed 0.507 0.501  
## 2 Postsecondary Ed 0.583 0.493  
## 3 <NA> 0.314 0.466

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 0.577 0.494  
## 2 Hawai'i County 0.541 0.499  
## 3 Kaua'i County 0.55 0.500  
## 4 Maui-Moloka'i-Lana'i County 0.468 0.500

Analyses:

## Analysis of Deviance Table  
##   
## Model: binomial, link: logit  
##   
## Response: Current\_Q  
##   
## Terms added sequentially (first to last)  
##   
##   
## Df Deviance Resid. Df Resid. Dev Pr(>Chi)  
## NULL 1237 1690.0   
## income 1 0.7919 1236 1689.2 0.3735  
## education 1 1.7761 1235 1687.4 0.1826  
## Loc 3 5.2135 1232 1682.2 0.1568  
## income:education 1 0.0012 1231 1682.2 0.9724  
## income:Loc 3 1.4600 1228 1680.7 0.6915  
## education:Loc 3 3.7298 1225 1677.0 0.2922  
## income:education:Loc 3 3.2083 1222 1673.8 0.3606

Q43 My household plans to keep our internet subscription at the same level.:Which of the following is true for you regarding digital connectivity? (Select all that apply)

Descriptives:

## # A tibble: 2 x 2  
## Current\_Q n  
## <fct> <int>  
## 1 No 936  
## 2 Yes 522

## # A tibble: 6 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q income n  
## <fct> <fct> <int>  
## 1 No <$65,000 376  
## 2 No >=$65,000 430  
## 3 No <NA> 130  
## 4 Yes <$65,000 187  
## 5 Yes >=$65,000 277  
## 6 Yes <NA> 58

## # A tibble: 6 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q education n  
## <fct> <fct> <int>  
## 1 No No Postsecondary Ed 153  
## 2 No Postsecondary Ed 698  
## 3 No <NA> 85  
## 4 Yes No Postsecondary Ed 50  
## 5 Yes Postsecondary Ed 452  
## 6 Yes <NA> 20

## # A tibble: 8 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Loc n  
## <fct> <fct> <int>  
## 1 No Honolulu County 535  
## 2 No Hawai'i County 205  
## 3 No Kaua'i County 76  
## 4 No Maui-Moloka'i-Lana'i County 120  
## 5 Yes Honolulu County 301  
## 6 Yes Hawai'i County 109  
## 7 Yes Kaua'i County 44  
## 8 Yes Maui-Moloka'i-Lana'i County 68

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 0.358 0.480

## # A tibble: 3 x 3  
## income mean sd  
## <fct> <dbl> <dbl>  
## 1 <$65,000 0.332 0.471  
## 2 >=$65,000 0.392 0.488  
## 3 <NA> 0.309 0.463

## # A tibble: 3 x 3  
## education mean sd  
## <fct> <dbl> <dbl>  
## 1 No Postsecondary Ed 0.246 0.432  
## 2 Postsecondary Ed 0.393 0.489  
## 3 <NA> 0.190 0.395

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 0.360 0.480  
## 2 Hawai'i County 0.347 0.477  
## 3 Kaua'i County 0.367 0.484  
## 4 Maui-Moloka'i-Lana'i County 0.362 0.482

## Analysis of Deviance Table  
##   
## Model: binomial, link: logit  
##   
## Response: Current\_Q  
##   
## Terms added sequentially (first to last)  
##   
##   
## Df Deviance Resid. Df Resid. Dev Pr(>Chi)   
## NULL 1237 1623.9   
## income 1 4.3141 1236 1619.6 0.0378 \*   
## education 1 16.0899 1235 1603.5 6.04e-05 \*\*\*  
## Loc 3 0.4894 1232 1603.0 0.9212   
## income:education 1 1.1945 1231 1601.8 0.2744   
## income:Loc 3 2.6159 1228 1599.2 0.4547   
## education:Loc 3 3.8984 1225 1595.3 0.2726   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1