HI Connectivity

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## 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: 4 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Hawaiian n  
## <fct> <fct> <int>  
## 1 No No 643  
## 2 No Yes 684  
## 3 Yes No 60  
## 4 Yes Yes 71

## # 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: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 0.0853 0.280  
## 2 Yes 0.0940 0.292

## # 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 1269 821.31   
## income 1 5.2256 1268 816.08 0.02226 \*  
## Hawaiian 1 0.0075 1267 816.07 0.93101   
## Loc 3 7.9113 1264 808.16 0.04788 \*  
## income:Hawaiian 1 0.0524 1263 808.11 0.81899   
## income:Loc 3 3.7921 1260 804.32 0.28481   
## Hawaiian:Loc 3 3.3933 1257 800.93 0.33487   
## ---  
## 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: 4 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Hawaiian n  
## <fct> <fct> <int>  
## 1 No No 282  
## 2 No Yes 319  
## 3 Yes No 421  
## 4 Yes Yes 436

## # 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: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 0.599 0.490  
## 2 Yes 0.577 0.494

## # 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 1269 1709.5   
## income 1 34.319 1268 1675.1 4.679e-09 \*\*\*  
## Hawaiian 1 0.051 1267 1675.1 0.8217   
## Loc 3 0.914 1264 1674.2 0.8220   
## income:Hawaiian 1 0.468 1263 1673.7 0.4940   
## income:Loc 3 4.844 1260 1668.8 0.1836   
## Hawaiian:Loc 3 2.110 1257 1666.7 0.5499   
## ---  
## 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: 4 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Hawaiian n  
## <fct> <fct> <int>  
## 1 No No 317  
## 2 No Yes 335  
## 3 Yes No 386  
## 4 Yes Yes 420

## # 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: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 0.549 0.498  
## 2 Yes 0.556 0.497

## # 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 1269 1730.8   
## income 1 1.4401 1268 1729.4 0.2301  
## Hawaiian 1 0.1194 1267 1729.3 0.7297  
## Loc 3 5.6786 1264 1723.6 0.1283  
## income:Hawaiian 1 1.2598 1263 1722.3 0.2617  
## income:Loc 3 1.9174 1260 1720.4 0.5897  
## Hawaiian:Loc 3 0.8966 1257 1719.5 0.8263

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: 4 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Hawaiian n  
## <fct> <fct> <int>  
## 1 No No 436  
## 2 No Yes 500  
## 3 Yes No 267  
## 4 Yes Yes 255

## # 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: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 0.380 0.486  
## 2 Yes 0.338 0.473

## # 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 1269 1667.3   
## income 1 4.8259 1268 1662.5 0.02804 \*  
## Hawaiian 1 0.9538 1267 1661.6 0.32875   
## Loc 3 0.2535 1264 1661.3 0.96852   
## income:Hawaiian 1 4.1903 1263 1657.1 0.04066 \*  
## income:Loc 3 3.7943 1260 1653.3 0.28455   
## Hawaiian:Loc 3 1.4522 1257 1651.9 0.69335   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1