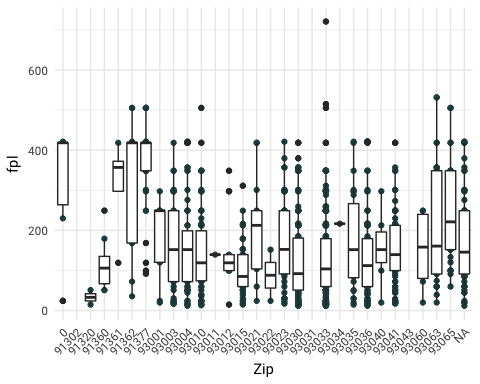
Demographics of First 5 Ventura

Gwendolyn Reynolds

2/14/2018

### Zip Code Analysis

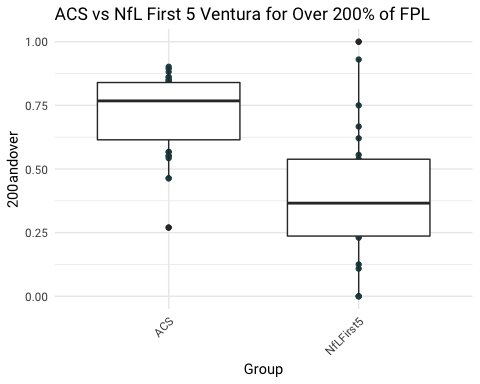
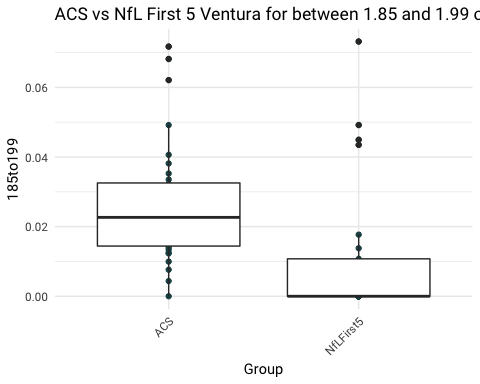
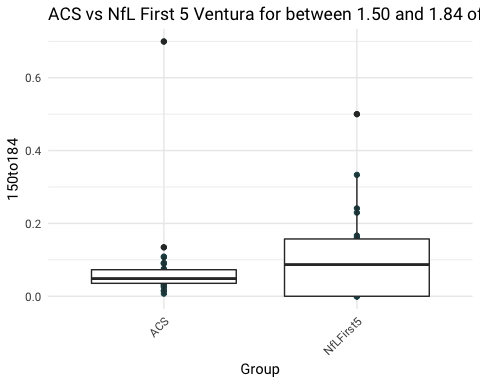
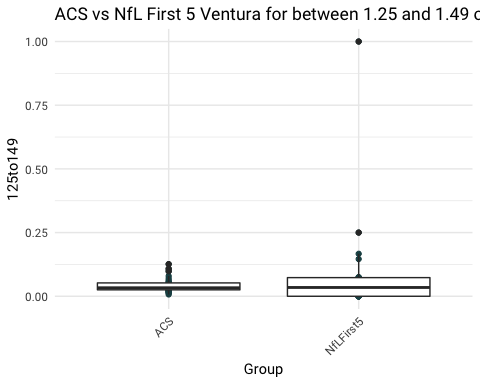
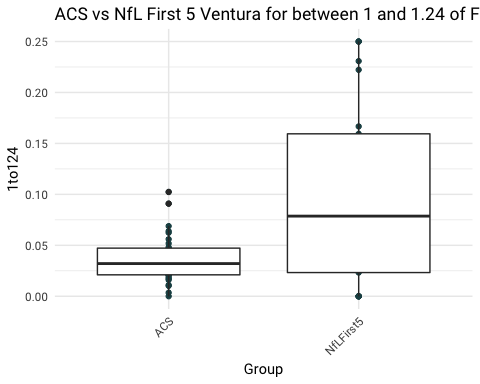
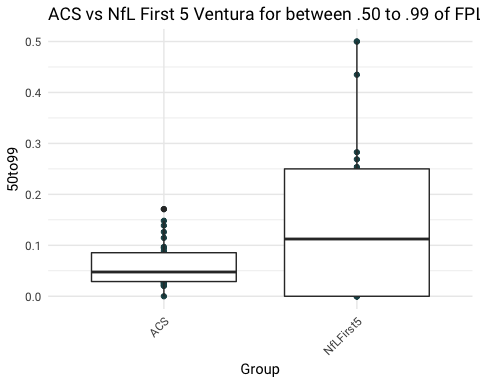
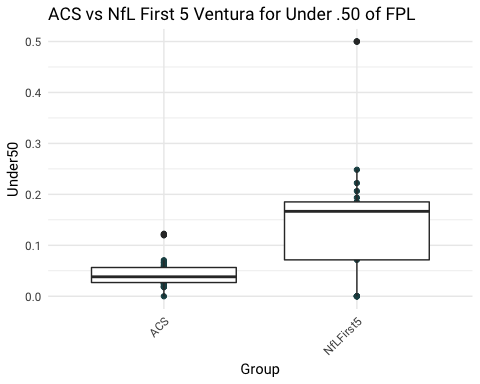
Below we construct a Federal Poverty Line ratio for each preschooler in our dataset and examine the distribution by Zip Code.



The table below is sorted from the lowest average FPL to the highest. I have also included the total number of preschoolers served in each zip code so we get a sense of the size of the population served in each zip code.

|  |  |  |  |
| --- | --- | --- | --- |
| Zip | meanfpl | medianfpl | count |
| 91320 | 32.90246 | 32.90246 | 21 |
| 93022 | 87.97248 | 87.97248 | 6 |
| 93015 | 101.60039 | 84.97621 | 213 |
| 91360 | 116.77364 | 105.71900 | 64 |
| 93030 | 128.02416 | 91.96006 | 218 |
| 93033 | 130.59194 | 103.73444 | 577 |
| 93036 | 136.68594 | 112.02121 | 177 |
| 93011 | 139.44223 | 139.44223 | 1 |
| 93010 | 147.26858 | 118.96669 | 82 |
| 93060 | 151.08070 | 158.18557 | 8 |
| 93012 | 151.30882 | 118.96669 | 13 |
| 93041 | 152.54305 | 139.44223 | 207 |
| 93040 | 157.14109 | 151.88335 | 32 |
| 93004 | 162.95643 | 151.88335 | 100 |
| 93003 | 165.22695 | 151.88335 | 74 |
| 93023 | 175.32390 | 152.42026 | 66 |
| 93001 | 175.33673 | 249.00398 | 10 |
| 93035 | 176.77638 | 151.82831 | 46 |
| NA | 178.28158 | 145.66279 | 297 |
| 93021 | 203.93805 | 212.44052 | 23 |
| 93063 | 210.69132 | 160.69418 | 39 |
| 93034 | 216.55438 | 216.55438 | 1 |
| 93065 | 245.35519 | 221.17034 | 39 |
| 91361 | 312.77338 | 356.90007 | 10 |
| 0 | 318.77074 | 418.32669 | 22 |
| 91362 | 325.52609 | 418.32669 | 52 |
| 91377 | 370.68877 | 418.32669 | 86 |
| 91302 | NaN | NA | 1 |
| 93031 | NaN | NA | 2 |
| 93043 | NaN | NA | 2 |

Let’s see how the Federal Poverty Level data for the First 5 Ventura Zip Codes compare to the ACS data.



|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Zip | Group | Under50 | 50to99 | 1to124 | 125to149 | 150to184 | 185to199 | 200andover |
| 90265 | ACS | 0.0669004 | 0.0221277 | 0.0171849 | 0.0121271 | 0.0151733 | 0.0043681 | 0.8621185 |
| 91304 | ACS | 0.0707212 | 0.0945434 | 0.0518125 | 0.0433810 | 0.0755200 | 0.0335156 | 0.6305063 |
| 91307 | ACS | 0.0254340 | 0.0330566 | 0.0215849 | 0.0290943 | 0.0356226 | 0.0140377 | 0.8411698 |
| 91311 | ACS | 0.0368661 | 0.0499987 | 0.0159542 | 0.0404261 | 0.0441180 | 0.0236017 | 0.7890351 |
| 91320 | ACS | 0.0177376 | 0.0329129 | 0.0338186 | 0.0158600 | 0.0275894 | 0.0125025 | 0.8595790 |
| 91320 | NfLFirst5 | 0.5000000 | 0.5000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| 91360 | ACS | 0.0401856 | 0.0531981 | 0.0265751 | 0.0259771 | 0.0352103 | 0.0217194 | 0.7971344 |
| 91360 | NfLFirst5 | 0.0000000 | 0.5000000 | 0.2500000 | 0.0000000 | 0.1250000 | 0.0000000 | 0.1250000 |
| 91361 | ACS | 0.0269513 | 0.0269030 | 0.0211553 | 0.0161321 | 0.0071484 | 0.0076314 | 0.8940784 |
| 91361 | NfLFirst5 | 0.0000000 | 0.0000000 | 0.2500000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.7500000 |
| 91362 | ACS | 0.0186953 | 0.0293862 | 0.0227254 | 0.0219137 | 0.0455067 | 0.0134057 | 0.8483670 |
| 91362 | NfLFirst5 | 0.0833333 | 0.0833333 | 0.0000000 | 0.0000000 | 0.1666667 | 0.0000000 | 0.6666667 |
| 91377 | ACS | 0.0246922 | 0.0207899 | 0.0206553 | 0.0071318 | 0.0150037 | 0.0099576 | 0.9017695 |
| 91377 | NfLFirst5 | 0.0000000 | 0.0232558 | 0.0232558 | 0.0000000 | 0.0232558 | 0.0000000 | 0.9302326 |
| 93001 | ACS | 0.0561293 | 0.0890152 | 0.0481236 | 0.0471415 | 0.0906818 | 0.0262790 | 0.6426297 |
| 93001 | NfLFirst5 | 0.2222222 | 0.0000000 | 0.2222222 | 0.0000000 | 0.0000000 | 0.0000000 | 0.5555556 |
| 93003 | ACS | 0.0508832 | 0.0384438 | 0.0314503 | 0.0321135 | 0.0481703 | 0.0204377 | 0.7785012 |
| 93003 | NfLFirst5 | 0.1707317 | 0.1463415 | 0.0731707 | 0.0731707 | 0.0975610 | 0.0731707 | 0.3658537 |
| 93004 | ACS | 0.0482116 | 0.0689495 | 0.0227288 | 0.0312562 | 0.0301613 | 0.0322185 | 0.7664742 |
| 93004 | NfLFirst5 | 0.1147541 | 0.2131148 | 0.0819672 | 0.0491803 | 0.2295082 | 0.0491803 | 0.2622951 |
| 93010 | ACS | 0.0284275 | 0.0426980 | 0.0396125 | 0.0335776 | 0.0488690 | 0.0152007 | 0.7916147 |
| 93010 | NfLFirst5 | 0.1739130 | 0.1884058 | 0.1594203 | 0.0724638 | 0.0869565 | 0.0434783 | 0.2753623 |
| 93011 | NfLFirst5 | 0.0000000 | 0.0000000 | 0.0000000 | 1.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| 93012 | ACS | 0.0294461 | 0.0204179 | 0.0101940 | 0.0174584 | 0.0247825 | 0.0161430 | 0.8815581 |
| 93012 | NfLFirst5 | 0.1250000 | 0.0000000 | 0.2500000 | 0.2500000 | 0.0000000 | 0.0000000 | 0.3750000 |
| 93013 | ACS | 0.0326545 | 0.0452464 | 0.0469334 | 0.0530787 | 0.0719364 | 0.0241595 | 0.7259911 |
| 93015 | ACS | 0.0493792 | 0.1481375 | 0.0559899 | 0.0574270 | 0.1072086 | 0.0145436 | 0.5673143 |
| 93015 | NfLFirst5 | 0.1739130 | 0.4347826 | 0.0652174 | 0.0652174 | 0.1521739 | 0.0000000 | 0.1086957 |
| 93021 | ACS | 0.0190140 | 0.0389449 | 0.0212255 | 0.0197422 | 0.0437456 | 0.0180430 | 0.8392848 |
| 93021 | NfLFirst5 | 0.0769231 | 0.0769231 | 0.2307692 | 0.0000000 | 0.0769231 | 0.0000000 | 0.5384615 |
| 93022 | ACS | 0.0268644 | 0.0619840 | 0.0372184 | 0.0330208 | 0.0369386 | 0.0352595 | 0.7687141 |
| 93022 | NfLFirst5 | 0.5000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.5000000 | 0.0000000 | 0.0000000 |
| 93023 | ACS | 0.0473848 | 0.0804638 | 0.0342335 | 0.0441723 | 0.0424154 | 0.0122980 | 0.7390322 |
| 93023 | NfLFirst5 | 0.1666667 | 0.1250000 | 0.1250000 | 0.0416667 | 0.0833333 | 0.0000000 | 0.4583333 |
| 93030 | ACS | 0.0589601 | 0.1261904 | 0.0623517 | 0.0793598 | 0.0914392 | 0.0298894 | 0.5518094 |
| 93030 | NfLFirst5 | 0.2482759 | 0.2827586 | 0.0413793 | 0.0344828 | 0.1310345 | 0.0137931 | 0.2482759 |
| 93033 | ACS | 0.0615533 | 0.1388023 | 0.0908991 | 0.0980347 | 0.1089085 | 0.0381496 | 0.4636525 |
| 93033 | NfLFirst5 | 0.2064897 | 0.2536873 | 0.1327434 | 0.0501475 | 0.1091445 | 0.0176991 | 0.2300885 |
| 93034 | NfLFirst5 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 1.0000000 |
| 93035 | ACS | 0.0274036 | 0.0273325 | 0.0410165 | 0.0234939 | 0.0588591 | 0.0620935 | 0.7598010 |
| 93035 | NfLFirst5 | 0.1851852 | 0.1111111 | 0.1111111 | 0.0740741 | 0.0740741 | 0.0000000 | 0.4444444 |
| 93036 | ACS | 0.0395223 | 0.0968512 | 0.0639305 | 0.0521824 | 0.0714007 | 0.0406298 | 0.6354832 |
| 93036 | NfLFirst5 | 0.1935484 | 0.2688172 | 0.0537634 | 0.0752688 | 0.1612903 | 0.0107527 | 0.2365591 |
| 93040 | ACS | 0.0318182 | 0.0838384 | 0.0035354 | 0.1080808 | 0.1343434 | 0.0717172 | 0.5666667 |
| 93040 | NfLFirst5 | 0.1666667 | 0.0000000 | 0.0000000 | 0.1666667 | 0.3333333 | 0.0000000 | 0.3333333 |
| 93041 | ACS | 0.0573853 | 0.0842724 | 0.0310202 | 0.0616924 | 0.0616489 | 0.0281923 | 0.6757886 |
| 93041 | NfLFirst5 | 0.1460674 | 0.1123596 | 0.0786517 | 0.1460674 | 0.1573034 | 0.0449438 | 0.3146067 |
| 93042 | ACS | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 93043 | ACS | 0.0000000 | 0.0000000 | 0.0000000 | 0.0306748 | 0.6993865 | 0.0000000 | 0.2699387 |
| 93060 | ACS | 0.0654175 | 0.1146535 | 0.0688462 | 0.0697486 | 0.0896295 | 0.0491759 | 0.5425289 |
| 93060 | NfLFirst5 | 0.1666667 | 0.1666667 | 0.1666667 | 0.0000000 | 0.0000000 | 0.0000000 | 0.5000000 |
| 93063 | ACS | 0.0303525 | 0.0450850 | 0.0326778 | 0.0314708 | 0.0461323 | 0.0205900 | 0.7936916 |
| 93063 | NfLFirst5 | 0.0714286 | 0.2500000 | 0.1071429 | 0.0000000 | 0.0714286 | 0.0000000 | 0.5000000 |
| 93064 | ACS | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 93065 | ACS | 0.0221503 | 0.0255944 | 0.0185535 | 0.0258166 | 0.0335241 | 0.0242751 | 0.8500861 |
| 93065 | NfLFirst5 | 0.0000000 | 0.0689655 | 0.0344828 | 0.0344828 | 0.2413793 | 0.0000000 | 0.6206897 |
| 93066 | ACS | 0.0403252 | 0.0240650 | 0.0357724 | 0.0364228 | 0.0565854 | 0.0146341 | 0.7921951 |
| 93225 | ACS | 0.1223905 | 0.0593533 | 0.0110520 | 0.1260745 | 0.0622186 | 0.0681539 | 0.5507573 |
| 93252 | ACS | 0.1198653 | 0.1710438 | 0.1023569 | 0.0444444 | 0.0693603 | 0.0296296 | 0.4632997 |

### General Demographics of the First 5 Ventura Preschool Population

Below are several tables describing the demographics of the First 5 Ventura preschool populations.

Table 1. Total Preschoolers Served by First5 Ventura by Year

|  |  |  |
| --- | --- | --- |
| school\_year | count | perc |
| 2014 | 866 | 34.79309 |
| 2015 | 738 | 29.65046 |
| 2016 | 530 | 21.29369 |
| 2017 | 355 | 14.26276 |

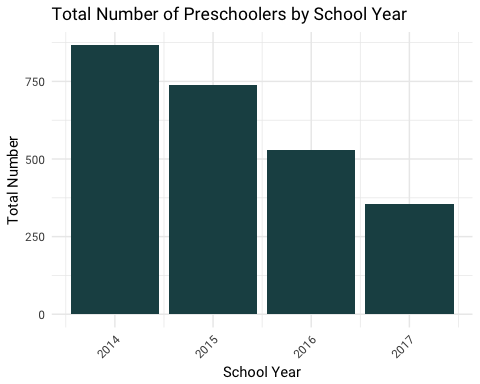


Table 2. Total Ethnicity of Preschoolers

|  |  |  |
| --- | --- | --- |
| Ethnicity | count | perc |
| 04. Hispanic / Latino | 1770 | 71.19871 |
| 07. White | 390 | 15.68785 |
| Other | 326 | 13.11344 |

Table 3. Ethnicity by Year

|  |  |  |  |
| --- | --- | --- | --- |
| school\_year | Ethnicity | count | perc |
| 2014 | 04. Hispanic / Latino | 655 | 75.635104 |
| 2014 | 07. White | 110 | 12.702079 |
| 2014 | Other | 101 | 11.662818 |
| 2015 | 04. Hispanic / Latino | 567 | 76.829268 |
| 2015 | 07. White | 98 | 13.279133 |
| 2015 | Other | 73 | 9.891599 |
| 2016 | 04. Hispanic / Latino | 324 | 61.247637 |
| 2016 | 07. White | 115 | 21.739130 |
| 2016 | Other | 90 | 17.013233 |
| 2017 | 04. Hispanic / Latino | 224 | 63.456091 |
| 2017 | 07. White | 67 | 18.980170 |
| 2017 | Other | 62 | 17.563739 |

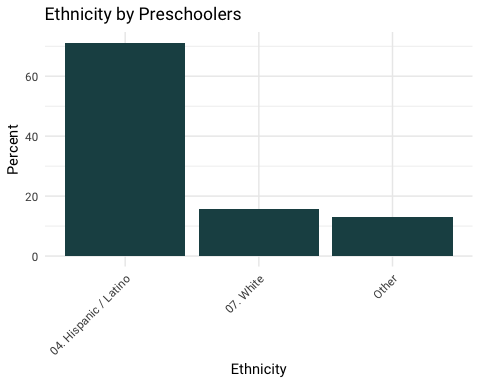


Table 4. Total Language Spoken by First5 Ventura Preschoolers

|  |  |  |
| --- | --- | --- |
| Language | count | perc |
| 01. English | 1349 | 54.395161 |
| 02. Spanish | 1015 | 40.927419 |
| Other | 116 | 4.677419 |

Table 5. Language Spoken by Year

|  |  |  |  |
| --- | --- | --- | --- |
| school\_year | Language | count | perc |
| 2014 | 01. English | 410 | 47.344111 |
| 2014 | 02. Spanish | 403 | 46.535797 |
| 2014 | Other | 53 | 6.120092 |
| 2015 | 01. English | 386 | 52.374491 |
| 2015 | 02. Spanish | 327 | 44.369064 |
| 2015 | Other | 24 | 3.256445 |
| 2016 | 01. English | 342 | 64.772727 |
| 2016 | 02. Spanish | 167 | 31.628788 |
| 2016 | Other | 19 | 3.598485 |
| 2017 | 01. English | 211 | 60.458453 |
| 2017 | 02. Spanish | 118 | 33.810888 |
| 2017 | Other | 20 | 5.730659 |

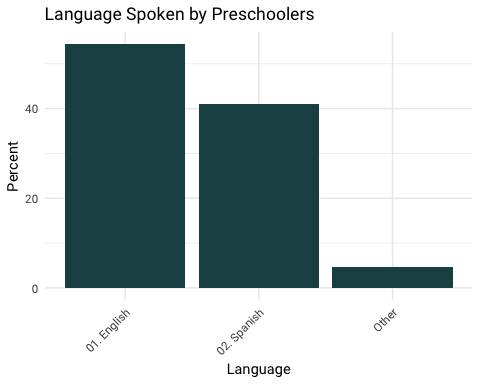


Table 6. Income for First 5 Ventura Preschoolers

|  |  |  |
| --- | --- | --- |
| income | count | perc |
| $10,000 less than $20,000 | 201 | 13.645621 |
| $20,000 less than $30,000 | 222 | 15.071283 |
| $30,000 less than $40,000 | 155 | 10.522743 |
| $40,000 less than $50,000 | 149 | 10.115411 |
| $50,000 less than $75,000 | 194 | 13.170400 |
| $75,000 less than $100,000 | 119 | 8.078751 |
| Less than $10,000 | 169 | 11.473184 |
| More than $100,000 | 86 | 5.838425 |
| No answer/prefer not to say | 178 | 12.084182 |

Table 7. Income by Year

|  |  |  |  |
| --- | --- | --- | --- |
| school\_year | income | count | perc |
| 2014 | $10,000 less than $20,000 | 65 | 19.287834 |
| 2014 | $20,000 less than $30,000 | 58 | 17.210683 |
| 2014 | $30,000 less than $40,000 | 38 | 11.275964 |
| 2014 | $40,000 less than $50,000 | 33 | 9.792285 |
| 2014 | $50,000 less than $75,000 | 30 | 8.902077 |
| 2014 | $75,000 less than $100,000 | 17 | 5.044510 |
| 2014 | Less than $10,000 | 55 | 16.320475 |
| 2014 | More than $100,000 | 7 | 2.077151 |
| 2014 | No answer/prefer not to say | 34 | 10.089021 |
| 2015 | $10,000 less than $20,000 | 52 | 14.525140 |
| 2015 | $20,000 less than $30,000 | 55 | 15.363129 |
| 2015 | $30,000 less than $40,000 | 31 | 8.659218 |
| 2015 | $40,000 less than $50,000 | 30 | 8.379888 |
| 2015 | $50,000 less than $75,000 | 43 | 12.011173 |
| 2015 | $75,000 less than $100,000 | 28 | 7.821229 |
| 2015 | Less than $10,000 | 48 | 13.407821 |
| 2015 | More than $100,000 | 10 | 2.793296 |
| 2015 | No answer/prefer not to say | 61 | 17.039106 |
| 2016 | $10,000 less than $20,000 | 52 | 11.479029 |
| 2016 | $20,000 less than $30,000 | 61 | 13.465784 |
| 2016 | $30,000 less than $40,000 | 49 | 10.816777 |
| 2016 | $40,000 less than $50,000 | 59 | 13.024283 |
| 2016 | $50,000 less than $75,000 | 68 | 15.011038 |
| 2016 | $75,000 less than $100,000 | 40 | 8.830022 |
| 2016 | Less than $10,000 | 41 | 9.050773 |
| 2016 | More than $100,000 | 36 | 7.947020 |
| 2016 | No answer/prefer not to say | 47 | 10.375276 |
| 2017 | $10,000 less than $20,000 | 32 | 9.846154 |
| 2017 | $20,000 less than $30,000 | 48 | 14.769231 |
| 2017 | $30,000 less than $40,000 | 37 | 11.384615 |
| 2017 | $40,000 less than $50,000 | 27 | 8.307692 |
| 2017 | $50,000 less than $75,000 | 53 | 16.307692 |
| 2017 | $75,000 less than $100,000 | 34 | 10.461538 |
| 2017 | Less than $10,000 | 25 | 7.692308 |
| 2017 | More than $100,000 | 33 | 10.153846 |
| 2017 | No answer/prefer not to say | 36 | 11.076923 |

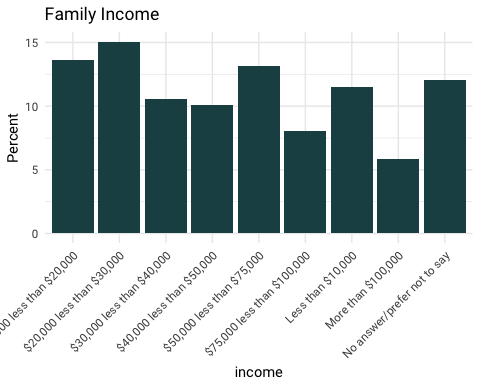


Table 8. Mean Household Members for First 5 Ventura Preschoolers

|  |
| --- |
| meanHouseholdMembers |
| 4.57367 |

Table 9. Mean Household Members by School Year

|  |  |
| --- | --- |
| school\_year | meanHouseholdMembers |
| 2014 | 5.047904 |
| 2015 | 4.473239 |
| 2016 | 4.504425 |
| 2017 | 4.292308 |

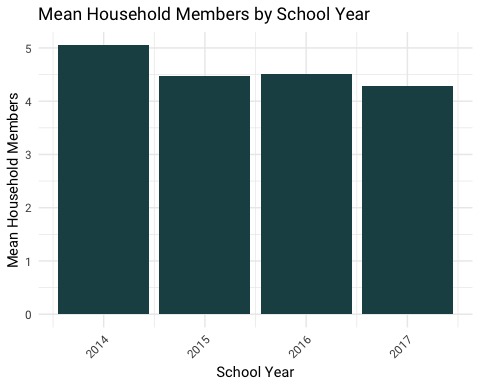


Table 10. Gender of First 5 Ventura Preschoolers

|  |  |  |
| --- | --- | --- |
| Gender | count | perc |
| F | 1241 | 49.85938 |
| M | 1248 | 50.14062 |

Table 11. Gender by Year

|  |  |  |  |
| --- | --- | --- | --- |
| school\_year | Gender | count | perc |
| 2014 | F | 435 | 50.23095 |
| 2014 | M | 431 | 49.76905 |
| 2015 | F | 362 | 49.05149 |
| 2015 | M | 376 | 50.94851 |
| 2016 | F | 260 | 49.05660 |
| 2016 | M | 270 | 50.94340 |
| 2017 | F | 184 | 51.83099 |
| 2017 | M | 171 | 48.16901 |

