Median Incomes

The following data concern the median income for full time workers aged 15 and over across gender, race, occupation, and education and by state as of 2020. An introductory activity, Modeling Median Incomes (2020), that investigates just the gender wage gap using the data in Table 1 is available on the Texas Instruments Education Technology website and could be used as a starting point before a more open exploration with the larger data sets in the other tables below.

References

Median Income. (2020). Mathematical Modeling. Texas Instruments Education Technology. <https://education.ti.com/en/timathnspired/us/mathematical-modeling>

**Data**

Problem 1 deals with the question: is the gender wage gap decreasing and how you know; Problem 2 looks at race and gender; Problem 3 looks at income and race; Problem 4 has data related to educational levels; Problems 5 and 6 concern location; Problem 7 contains resources that might be useful in an investigation of the wage gap problem

**Problem 1:** Gender and wages

Table 1 Median yearly income in 2020 dollars for fulltime workers 15 and older by gender

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Year | Male Income | Female Income |  | Year | Male Income | Female Income |
| 1960 | 41173 | 24981 |  | 1992 | 54763 | 38764 |
| 1961 | 42486 | 25173 |  | 1993 | 53787 | 38468 |
| 1962 | 43263 | 25654 |  | 1994 | 53462 | 38475 |
| 1963 | 44350 | 26143 |  | 1995 | 53290 | 38064 |
| 1964 | 45385 | 26845 |  | 1996 | 52976 | 39076 |
| 1965 | 46032 | 27585 |  | 1997 | 54323 | 40287 |
| 1966 | 48042 | 27651 |  | 1998 | 56257 | 41163 |
| 1967 | 48802 | 28199 |  | 1999 | 56714 | 41013 |
| 1968 | 50112 | 29143 |  | 2000 | 56151 | 41394 |
| 1969 | 51496 | 31153 |  | 2001 | 56095 | 42817 |
| 1970 | 53487 | 31755 |  | 2002 | 56890 | 43578 |
| 1971 | 53717 | 31965 |  | 2003 | 57375 | 43346 |
| 1972 | 56608 | 32754 |  | 2004 | 56041 | 42914 |
| 1973 | 58412 | 33081 |  | 2005 | 54989 | 42329 |
| 1974 | 56316 | 33088 |  | 2006 | 54389 | 41846 |
| 1975 | 55965 | 32917 |  | 2007 | 56458 | 43929 |
| 1976 | 55811 | 33595 |  | 2008 | 55881 | 43079 |
| 1977 | 57067 | 33625 |  | 2009 | 56995 | 43874 |
| 1978 | 57436 | 34140 |  | 2010 | 57050 | 43888 |
| 1979 | 56743 | 33854 |  | 2011 | 55596 | 42812 |
| 1980 | 55821 | 33582 |  | 2012 | 55794 | 42684 |
| 1981 | 55522 | 32888 |  | 2013 | 55666 | 43176 |
| 1982 | 54472 | 33633 |  | 2013 | 55686 | 43581 |
| 1983 | 54233 | 34489 |  | 2014 | 55142 | 43364 |
| 1984 | 55248 | 35169 |  | 2015 | 55953 | 44514 |
| 1985 | 55662 | 35944 |  | 2016 | 55702 | 44823 |
| 1986 | 57103 | 36700 |  | 2017 | 55064 | 44326 |
| 1987 | 56712 | 36964 |  | 2017 | 55106 | 45004 |
| 1988 | 56233 | 37141 |  | 2018 | 56995 | 46488 |
| 1989 | 55242 | 37936 |  | 2019 | 58173 | 47889 |
| 1990 | 53314 | 38182 |  | 2020 | 61417 | 50982 |
| 1991 | 54682 | 38200 |  |  |  |  |

Table A-7 https://wwwcensusgov/library/publications/2021/demo/p60-273html

**Problem 2 Wages, gender and race**

Table 2 Median annual earnings for full time workers 15 years and older by gender and race in 2019 dollars

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Year | Women | Men | White women | White men | Black women | Black men | Asian women | Asian men | Hispanic women | Hispanic men |
| 1988 | 36683 | 55539 | 37127 | 56731 | 34458 | 42444 | 40313 | 56508 | 30931 | 37194 |
| 1989 | 37468 | 54561 | 37774 | 56976 | 34713 | 40776 | 42645 | 56198 | 31266 | 36648 |
| 1990 | 37711 | 52657 | 38141 | 54945 | 34321 | 40169 | 40568 | 50920 | 29816 | 36406 |
| 1991 | 37729 | 54008 | 38171 | 55559 | 34364 | 40523 | 38869 | 55363 | 29898 | 36293 |
| 1992 | 38286 | 54087 | 38678 | 55268 | 35400 | 40166 | 40840 | 54670 | 30604 | 35001 |
| 1993 | 37994 | 53124 | 38467 | 54316 | 34621 | 40216 | 42533 | 53991 | 29278 | 35202 |
| 1994 | 38001 | 52802 | 38716 | 54076 | 34073 | 40631 | 41846 | 54868 | 30067 | 34765 |
| 1995 | 37595 | 52633 | 38287 | 53763 | 34533 | 40822 | 41572 | 52763 | 28706 | 34055 |
| 1996 | 38594 | 52323 | 39327 | 53661 | 34953 | 42979 | 41597 | 56079 | 30382 | 34274 |
| 1997 | 39790 | 53653 | 40360 | 56073 | 35109 | 42114 | 44264 | 55259 | 30230 | 34439 |
| 1998 | 40656 | 55563 | 41255 | 56863 | 35603 | 42523 | 42553 | 54750 | 30216 | 35033 |
| 1999 | 40507 | 56051 | 41015 | 57245 | 37290 | 45776 | 43978 | 56786 | 29838 | 34507 |
| 2000 | 40884 | 55458 | 42046 | 57520 | 37351 | 44812 | 45369 | 60377 | 30756 | 35399 |
| 2001 | 42289 | 55404 | 43324 | 57661 | 38497 | 45381 | 44417 | 60583 | 31112 | 36308 |
| 2002 | 43041 | 56189 | 43551 | 57772 | 38308 | 44771 | 44794 | 59681 | 31223 | 37010 |
| 2003 | 42811 | 56667 | 43431 | 57424 | 37573 | 44925 | 45407 | 63509 | 31161 | 36344 |
| 2004 | 42385 | 55350 | 42922 | 56375 | 37628 | 42450 | 48843 | 62401 | 31850 | 36166 |
| 2005 | 41807 | 54311 | 42221 | 55093 | 38939 | 43407 | 47364 | 63081 | 31776 | 35129 |
| 2006 | 41330 | 53718 | 42923 | 56122 | 38580 | 44196 | 49971 | 65383 | 32029 | 36939 |
| 2007 | 43388 | 55762 | 43930 | 56868 | 38329 | 44582 | 49904 | 62680 | 32894 | 37326 |
| 2008 | 42548 | 55192 | 43087 | 56386 | 37482 | 44411 | 50250 | 61113 | 31955 | 36850 |
| 2009 | 43333 | 56292 | 43855 | 58159 | 38013 | 44788 | 50564 | 61826 | 32467 | 37498 |
| 2010 | 43347 | 56347 | 43916 | 58973 | 37959 | 43295 | 48513 | 60770 | 33116 | 37107 |
| 2011 | 42248 | 54911 | 42969 | 57039 | 38164 | 44978 | 46572 | 62746 | 33059 | 36275 |
| 2012 | 42158 | 55106 | 43521 | 56242 | 37801 | 42966 | 50854 | 65500 | 31709 | 35969 |
| 2013 | 43044 | 55000 | 44248 | 55558 | 37473 | 44918 | 46583 | 63353 | 33208 | 35530 |
| 2014 | 42829 | 54462 | 43713 | 55153 | 36248 | 44016 | 50085 | 61552 | 32746 | 37331 |
| 2015 | 43965 | 55263 | 44478 | 55946 | 39067 | 44356 | 52305 | 66889 | 33570 | 38495 |
| 2016 | 44270 | 55015 | 44858 | 55638 | 38595 | 43992 | 53923 | 69891 | 33582 | 39796 |
| 2017 | 43779 | 54385 | 44820 | 55810 | 38312 | 43883 | 53584 | 70579 | 33376 | 40545 |
| 2018 | 45914 | 56293 | 46592 | 57389 | 38725 | 45190 | 56576 | 71652 | 34148 | 40733 |
| 2019 | 47299 | 57456 | 48845 | 60017 | 41098 | 45644 | 56807 | 75671 | 36110 | 41519 |

|  |  |  |
| --- | --- | --- |
| year | White non-Hispanic women | White non-Hispanic men |
| 1988 | 37742 | 58875 |
| 1989 | 38411 | 59825 |
| 1990 | 38729 | 57327 |
| 1991 | 38722 | 56993 |
| 1992 | 39215 | 56817 |
| 1993 | 39105 | 55857 |
| 1994 | 39697 | 55857 |
| 1995 | 39542 | 57849 |
| 1996 | 40515 | 57691 |
| 1997 | 41291 | 58310 |
| 1998 | 42254 | 59320 |
| 1999 | 42226 | 62256 |
| 2000 | 44419 | 61407 |
| 2001 | 44585 | 60334 |
| 2002 | 44750 | 60543 |
| 2003 | 44667 | 62365 |
| 2004 | 44130 | 61788 |
| 2005 | 44768 | 60939 |
| 2006 | 45422 | 61547 |
| 2007 | 45419 | 62210 |
| 2008 | 44505 | 60997 |
| 2009 | 46027 | 61402 |
| 2010 | 47341 | 61058 |
| 2011 | 45949 | 59600 |
| 2012 | 45640 | 58606 |
| 2013 | 45508 | 58798 |
| 2014 | 45208 | 59961 |
| 2015 | 46470 | 61729 |
| 2016 | 48731 | 61711 |
| 2017 | 48510 | 62981 |
| 2018 | 49267 | 62692 |
| 2019 | 51324 | 65208 |

https://wwwdolgov/agencies/wb/data/earnings/median-annual-sex-race-hispanic-ethnicity

1

**Problem 3 Wages and race**

Table 3 Median income in 2020 dollars for full time workers over the age of 15

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Year | Income | Male | Female | Hispanic | Black | Asian | White | White non Hispanic |
| 1967 | 16743 | 48802 | 28199 | \_ | 9527 | \_ | 17694 | \_ |
| 1968 | 17857 | 50112 | 29143 | \_ | 10331 | \_ | 18857 | \_ |
| 1969 | 18822 | 51496 | 31153 | \_ | 11029 | \_ | 19867 | \_ |
| 1970 | 18953 | 53487 | 31755 | \_ | 11150 | \_ | 20009 | \_ |
| 1971 | 19529 | 53717 | 31965 | \_ | 11785 | \_ | 20552 | \_ |
| 1972 | 20913 | 56608 | 32754 | \_ | 12762 | \_ | 22017 | \_ |
| 1973 | 21624 | 58412 | 33081 | 12815 | 13164 | \_ | 22273 | \_ |
| 1974 | 21101 | 56316 | 33088 | 12984 | 12903 | \_ | 22203 | \_ |
| 1975 | 21135 | 55965 | 32917 | 12489 | 13037 | \_ | 22249 | \_ |
| 1976 | 21864 | 55811 | 33595 | 13186 | 13630 | \_ | 23046 | \_ |
| 1977 | 22572 | 57067 | 33625 | 13804 | 13945 | \_ | 23801 | \_ |
| 1978 | 23569 | 57436 | 34140 | 14463 | 14730 | \_ | 24818 | \_ |
| 1979 | 23906 | 56743 | 33854 | 14781 | 14821 | \_ | 25260 | \_ |
| 1980 | 23355 | 55821 | 33582 | 14591 | 14408 | \_ | 24693 | \_ |
| 1981 | 23228 | 55522 | 32888 | 14659 | 14056 | \_ | 24607 | \_ |
| 1982 | 23208 | 54472 | 33633 | 14080 | 13852 | \_ | 24622 | \_ |
| 1983 | 23531 | 54233 | 34489 | 14341 | 14197 | \_ | 24951 | \_ |
| 1984 | 24576 | 55248 | 35169 | 15231 | 14936 | \_ | 26030 | \_ |
| 1985 | 25336 | 55662 | 35944 | 15213 | 15736 | \_ | 26850 | \_ |
| 1986 | 26386 | 57103 | 36700 | 15827 | 16295 | \_ | 27928 | \_ |
| 1987 | 27084 | 56712 | 36964 | 16728 | 16710 | \_ | 28728 | \_ |
| 1988 | 27684 | 56233 | 37141 | 16784 | 17448 | \_ | 29315 | \_ |
| 1989 | 28410 | 55242 | 37936 | 16958 | 17680 | \_ | 30108 | \_ |
| 1990 | 27713 | 53314 | 38182 | 16227 | 17369 | \_ | 29404 | \_ |
| 1991 | 27167 | 54682 | 38200 | 16099 | 17043 | \_ | 28827 | \_ |
| 1992 | 26925 | 54763 | 38764 | 15580 | 16755 | \_ | 28626 | \_ |
| 1993 | 27908 | 53787 | 38468 | 15619 | 17447 | 27756 | 29718 | 31494 |
| 1994 | 28685 | 53462 | 38475 | 16308 | 18454 | 29287 | 30515 | \_ |
| 1995 | 29148 | 53290 | 38064 | 15735 | 18581 | 28031 | 30970 | \_ |
| 1996 | 29890 | 52976 | 39076 | 16560 | 19610 | 29535 | 31612 | 33819 |
| 1997 | 31040 | 54323 | 40287 | 17377 | 19925 | 29402 | 32950 | 35337 |
| 1998 | 32024 | 56257 | 41163 | 18199 | 20623 | 29778 | 34052 | 36532 |
| 1999 | 33100 | 56714 | 41013 | 18025 | 22383 | 33435 | 34989 | 37889 |
| 2000 | 33682 | 56151 | 41394 | 19069 | 22302 | 35196 | 35546 | 38480 |
| 2001 | 33490 | 56095 | 42817 | 19057 | 21915 | 35580 | 35360 | 38302 |
| 2002 | 32888 | 56890 | 43578 | 19460 | 22279 | 33549 | 34833 | 37699 |
| 2003 | 32838 | 57375 | 43346 | 19035 | 22255 | 33371 | 34743 | 37773 |
| 2004 | 32772 | 56041 | 42914 | 18376 | 22013 | 34731 | 34649 | 37693 |
| 2005 | 33265 | 54989 | 42329 | 19243 | 22420 | 35105 | 35205 | 38460 |
| 2006 | 33914 | 54389 | 41846 | 19846 | 23039 | 37661 | 35805 | 39164 |
| 2007 | 33545 | 56458 | 43929 | 19527 | 23062 | 35940 | 35448 | 38860 |
| 2008 | 32497 | 55881 | 43079 | 18890 | 22183 | 35140 | 34350 | 37738 |
| 2009 | 32085 | 56995 | 43874 | 18217 | 21932 | 35613 | 33904 | 37420 |
| 2010 | 31598 | 57050 | 43888 | 17899 | 21438 | 32479 | 37737 | 37343 |
| 2011 | 31781 | 55596 | 42812 | 17854 | 21901 | 32221 | 33911 | 37685 |
| 2012 | 31943 | 55794 | 42684 | 18213 | 21762 | 34334 | 34013 | 37763 |
| 2013 | 32086 | 55666 | 43176 | 18561 | 22212 | 33740 | 34194 | 37956 |
| 2013 | 33420 | 55686 | 43581 | 19315 | 22992 | 36754 | 35348 | 39255 |
| 2014 | 33026 | 55142 | 43364 | 19371 | 23056 | 35499 | 34120 | 38994 |
| 2015 | 34583 | 55953 | 44514 | 21258 | 24531 | 37998 | 36671 | 40586 |
| 2016 | 35817 | 55702 | 44823 | 22037 | 25480 | 39165 | 37934 | 42012 |
| 2017 | 36419 | 55064 | 44326 | 22109 | 25658 | 40863 | 38565 | 42873 |
| 2017 | 37009 | 55106 | 45004 | 21907 | 25499 | 40673 | 39309 | 43958 |
| 2018 | 37192 | 56995 | 46488 | 22652 | 25493 | 42272 | 39504 | 44008 |
| 2019 | 39644 | 58173 | 47889 | 23580 | 27937 | 45440 | 41890 | 45859 |
| 2020 | 39052 | 61417 | 50982 | 23315 | 28134 | 44290 | 41232 | 46098 |

**Problem 4 Income and education**

Table 5 Median yearly incomeof full-time workers 25-34 years old by education level for selected years

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Year | Overall  Earnings | Less than high school | High school | Some college | Associate Degree | Bachelor Degree | Masters and Beyond |
| 1995 | 41940 | 26500 | 34700 | 39540 | 41680 | 51920 | 66490 |
| 2000 | 44540 | 26940 | 37110 | 42840 | 44530 | 59270 | 71270 |
| 2005 | 43170 | 26920 | 36430 | 41190 | 45790 | 52770 | 65400 |
| 2010 | 43410 | 24600 | 35120 | 38500 | 43300 | 52760 | 64240 |
| 2013 | 43900 | 26310 | 32920 | 38150 | 41020 | 53150 | 65610 |
| 2014 | 43200 | 25910 | 32400 | 34450 | 37770 | 53870 | 63820 |
| 2015 | 43080 | 26950 | 32950 | 37360 | 39850 | 53930 | 64720 |
| 2016 | 42610 | 27010 | 33910 | 37170 | 40470 | 53520 | 68250 |
| 2017 | 43720 | 27100 | 33370 | 36510 | 40520 | 54000 | 67790 |
| 2018 | 45690 | 28380 | 35510 | 36960 | 40690 | 55700 | 66150 |
| 2019 | 46730 | 29340 | 34970 | 39720 | 39990 | 55740 | 69990 |

Table 6 Men’s median yearly income with respect to educational level

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Year | Men’s Income | Less than high school | | High school | Some college | Associate Degree | Bachelor Degree | Masters and Beyond |
| 1995 | 45140 | | 29590 | 40120 | 43480 | 44530 | 58680 | 73930 |
| 2000 | 47800 | | 29590 | 42870 | 47240 | 51960 | 66560 | 81540 |
| 2005 | 45820 | | 28710 | 39130 | 45680 | 51880 | 58870 | 75700 |
| 2010 | 46760 | | 28140 | 38520 | 44400 | 46700 | 58320 | 75460 |
| 2013 | 43900 | | 26990 | 34740 | 42750 | 45890 | 57030 | 75540 |
| 2014 | 44170 | | 26990 | 35610 | 38800 | 43510 | 59130 | 69880 |
| 2015 | 45300 | | 28270 | 36660 | 42020 | 46220 | 59290 | 75000 |
| 2016 | 46840 | | 30420 | 37010 | 40460 | 45800 | 60680 | 76310 |
| 2017 | 46930 | | 30250 | 36460 | 41710 | 46760 | 62240 | 78200 |
| 2018 | 48870 | | 30540 | 39590 | 40660 | 48770 | 61090 | 80710 |
| 2019 | 50000 | | 29700 | 39920 | 42460 | 48390 | 63950 | 84010 |

Table 7 Women’s median yearly income with respect to educational level

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Year | Women’s  Income | Less than high school | High school | Some college | Associate Degree | Bachelor Degree | Masters and Beyond |
| 1995 | 36580 | 21710 | 29000 | 33540 | 40090 | 46370 | 58040 |
| 2000 | 40080 | 22200 | 32140 | 37060 | 38590 | 51800 | 61770 |
| 2005 | 39210 | 21990 | 31210 | 36550 | 38390 | 48420 | 61400 |
| 2010 | 40890 | 20750 | 29280 | 33940 | 40650 | 46900 | 58430 |
| 2013 | 40470 | 21830 | 27420 | 32650 | 35110 | 48990 | 59000 |
| 2014 | 38820 | 21550 | 27000 | 30230 | 32050 | 48590 | 58910 |
| 2015 | 40990 | 21540 | 29120 | 32350 | 34120 | 48300 | 62120 |
| 2016 | 40480 | 23330 | 29830 | 31930 | 33950 | 47930 | 61450 |
| 2017 | 40680 | 24520 | 28140 | 31290 | 33780 | 48870 | 62300 |
| 2018 | 40720 | 22380 | 29510 | 31670 | 34640 | 50910 | 60300 |
| 2019 | 43840 | 25340 | 29790 | 34790 | 34780 | 50000 | 60930 |

Table 8 Black median yearly income with respect to educational level

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Year | Black  Income | Less than high school | High school | Some college | Associate Degree | Bachelor Degree | Masters and Beyond |
| 1995 | 35170 | 23270 | 30140 | 37710 | 36610 | 43520 | 52110 |
| 2000 | 37110 | 24680 | 32530 | 38480 | 38080 | 49350 | 61060 |
| 2005 | 37840 | 26680 | 30050 | 37970 | 36210 | 47200 | 57430 |
| 2010 | 36870 | 24350 | 29310 | 34220 | 35760 | 46280 | 57570 |
| 2013 | 36680 | 22340 | 27440 | 34620 | 37440 | 43780 | 59940 |
| 2014 | 33300 | 22300 | 26950 | 30060 | 33180 | 48890 | 53090 |
| 2015 | 37270 | 31180 | 29750 | 32350 | 32350 | 46140 | 58480 |
| 2016 | 35910 | 22760 | 29650 | 31870 | 32430 | 48810 | 63540 |
| 2017 | 36230 | 25020 | 30830 | 31280 | 35190 | 43500 | 57110 |
| 2018 | 35990 | 25240 | 30270 | 35020 | 35410 | 41590 | 54830 |
| 2019 | 37940 | 25810 | 29850 | 36420 | 35850 | 44300 | 53540 |

Table 9 White median yearly income with respect to educational level

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Year | White  Income | Less than high school | High school | Some college | Associate Degree | Bachelor Degree | Masters and Beyond |
| 1995 | 43590 | 29320 | 36810 | 40430 | 43630 | 53670 | 66690 |
| 2000 | 48250 | 30920 | 40940 | 44390 | 47100 | 59300 | 71140 |
| 2005 | 45820 | 30290 | 39160 | 41770 | 45800 | 53590 | 65400 |
| 2010 | 46850 | 29300 | 38130 | 40810 | 46520 | 53920 | 63900 |
| 2013 | 46040 | 32920 | 34830 | 39240 | 43870 | 54630 | 65540 |
| 2014 | 45880 | 30740 | 35580 | 37720 | 39480 | 53920 | 62560 |
| 2015 | 48480 | 32150 | 37290 | 37670 | 41690 | 53890 | 64720 |
| 2016 | 47830 | 30960 | 37270 | 37730 | 42280 | 53260 | 65080 |
| 2017 | 47890 | 30560 | 36500 | 40500 | 41710 | 55090 | 67680 |
| 2018 | 49820 | 39560 | 38090 | 38650 | 43510 | 58790 | 64710 |
| 2019 | 49960 | 33980 | 38470 | 39980 | 44500 | 59600 | 69560 |

Table 10 Hispanic median yearly income with respect to educational level

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Year | Hispanic  Income | Less than high school | High school | Some college | Associate Degree | Bachelor Degree | Masters and Beyond |
| 1995 | 31570 | 24890 | 31580 | 32950 | 39910 | 46970 | 70020 |
| 2000 | 33270 | 25180 | 34080 | 39440 | 44060 | 52910 | 58000 |
| 2005 | 32710 | 26030 | 31340 | 40850 | 44690 | 51730 | 65910 |
| 2010 | 35120 | 23310 | 32570 | 37040 | 39850 | 48580 | 56640 |
| 2013 | 32540 | 25130 | 30950 | 32740 | 36610 | 49350 | 52620 |
| 2014 | 32400 | 25620 | 32390 | 34070 | 32290 | 47760 | 62230 |
| 2015 | 34290 | 25870 | 32050 | 36160 | 38150 | 53930 | 58520 |
| 2016 | 36090 | 26620 | 31910 | 34080 | 37170 | 47640 | 59380 |
| 2017 | 36070 | 26610 | 31070 | 35980 | 37460 | 47660 | 58950 |
| 2018 | 36300 | 28050 | 32660 | 35630 | 36840 | 45910 | 60990 |
| 2019 | 37720 | 28070 | 34940 | 35310 | 38890 | 45160 | 59370 |
|  |  |  |  |  |  |  |  |

Table 11 Asian median yearly income with respect to educational level

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Year | Asian  Income | Less than high school | High school | Some college | Associate Degree | Bachelor Degree | Masters and Beyond |
| 1995 | 41940 | \_ | 33260 | 31930 | 33660 | 50140 | 63040 |
| 2000 | 53130 | 26740 | 37110 | 41550 | 43110 | 65990 | 88360 |
| 2005 | 52050 | 35640 | 34920 | 38920 | 45280 | 65130 | 71360 |
| 2010 | 52660 | \_ | 34280 | 30880 | 42000 | 60530 | 80070 |
| 2013 | 54650 | \_ | 31840 | 36930 | 35000 | 63660 | 81690 |
| 2014 | 53390 | 22540 | 31940 | 32020 | 36220 | 60320 | 78350 |
| 2015 | 55080 | 29610 | 30760 | 3700 | 32430 | 67780 | 80700 |
| 2016 | 58190 | 28120 | 31020 | 36950 | 42160 | 63560 | 85770 |
| 2017 | 62230 |  | 34950 | 34620 | 38840 | 67600 | 81760 |
| 2018 | 60550 |  | 34180 | 38820 | 40340 | 62690 | 81600 |
| 2019 | 59750 |  | 29250 | 34000 | 39130 | 59910 | 85000 |

|  |
| --- |
| Table 502.30. Median annual earnings of full-time year-round workers 25 to 34 years old and full-time  year-round workers as a percentage of the labor force, by sex, race/ethnicity, and educational attainment:  Selected years, 1995 through 2019.  Data in 2020 dollars can be found at https://nces.ed.gov/programs/digest/d21/tables/dt21\_502.30.asp |

**Problem 5 Gender and occupation**

Table 12 Median incomes by occupation (Note that identification of jobs needing only a high school degree and those considered professional were subjective.)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Men’s weekly income | Women weekly income | Men yearly income | Women yearly income | Men Professional occupations | Women professional occupations | Men occupation only high school | Women occupation only high school |
| Elem, midsch teachers | 1161 | 1042 | 57041 | 51787 | 57041 | 51787 | \_ | \_ |
| Registered nurses | 1256 | 1217 | 73603 | 65509 | 73603 | 65509 | \_ | \_ |
| Secretaries, admin assts | 795 | 763 | 44698 | 39572 | \_ | \_ | \_ | \_ |
| Nurses’ aides | 588 | 556 | 32262 | 28686 | \_ | \_ | \_ | \_ |
| Managers | 1628 | 1341 | 90343 | 68884 | \_ | \_ | \_ | \_ |
| Customer service | 736 | 673 | 40396 | 34903 | \_ | \_ | 40396 | 34903 |
| Flight attendant | 955 | 708 | 56759 | 51471 | \_ | \_ | \_ | \_ |
| Receptionists | 593 | 606 | 33986 | 30464 | \_ | \_ | 33986 | 30464 |
| Office clerks | 718 | 677 | 37959 | 34712 | \_ | \_ | \_ | \_ |
| Housekeeping | 520 | 484 | 27364 | 22613 | \_ | \_ | 27364 | 22613 |
| Retail sales | 806 | 578 | 41131 | 29896 | \_ | \_ | 41131 | 29896 |
| Financial managers | 1897 | 1207 | 102404 | 68737 | 102404 | 68737 | \_ | \_ |
| Personal care | 581 | 509 | 28383 | 30232 | \_ | \_ | 28383 | 30232 |
| Social workers | 1108 | 944 | 47218 | 45370 | 47218 | 45370 | \_ | \_ |
| Wait staff | 594 | 491 | 29504 | 22598 | \_ | \_ | 29504 | 22598 |
| Emergency medical tech | 784 | 764 | 37011 | 35979 | \_ | \_ | \_ | \_ |
| Education administrator | 1467 | 1335 | 83924 | 67133 | 83924 | 67133 | \_ | \_ |
| Secondary teacher | 1262 | 1095 | 60209 | 55665 | 60209 | 55665 | \_ | \_ |
| K, preK teacher | \_ | 705 | 31149 | 30537 | \_ | \_ | \_ | \_ |
| Fast food workers | \_ | \_ | 21341 | 21331 | \_ | \_ | 21341 | 21331 |
| Cooks | 535 | 489 | 36130 | 30819 | \_ | \_ | 36130 | 30819 |
| Counselors | 944 | 1003 | 46527 | 42184 | 46527 | 42184 | \_ | \_ |
| Cashiers | 510 | 499 | 24616 | 22032 | \_ | \_ | 36130 | 30819 |
| Accountants | 1419 | 1141 | 80288 | 64303 | 80288 | 64303 | \_ | \_ |
| Taxi driver |  |  | 31314 | 22458 | \_ | \_ | 31314 | 22458 |
| Actuaries |  |  | 133788 | 101006 | 101006 | \_ | \_ | \_ |
| Artists |  |  | 52779 | 41154 | \_ | \_ | 52779 | 41154 |
| Bakers |  |  | 32465 | 26157 | \_ | \_ | 32465 | 26157 |
| Bookkeeping |  |  | 42204 | 41079 | \_ | \_ | \_ | \_ |
| Bus driver |  |  | 46765 | 37170 | \_ | \_ | \_ | \_ |
| Chief exec |  |  | 157133 | 129635 | 157133 | 129635 | \_ | \_ |
| Child care |  |  | 25474 | 22945 | \_ | \_ | 25474 | 22945 |
| Computer programmer |  |  | 90404 | 82351 | 90404 | 82351 | \_ | \_ |
| Dentists |  |  | 167574 | 140040 | 167574 | 140040 | \_ | \_ |
| Dental assistants |  |  | 39742 | 33630 | \_ | \_ | \_ | \_ |
| Electricians |  |  | 53303 | 45195 | \_ | \_ | \_ | \_ |
| Lawyers |  |  | 150220 | 115227 | 115227 | \_ | \_ | \_ |
| Firefighters |  |  | 71743 | 62394 | \_ | \_ | \_ | \_ |
| Civil engineer |  |  | 91923 | 79966 | 91923 | 79966 | \_ | \_ |
| Clergy |  |  | 50606 | 46062 | \_ | \_ | \_ | \_ |
| Occupational therapy |  |  | 79798 | 72121 | \_ | \_ | \_ | \_ |
| Hairdresser |  |  | 36915 | 29004 | \_ | \_ | \_ | \_ |
| Insurance sales |  |  | 66667 | 45095 | \_ | \_ | \_ | \_ |
| Landscaping |  |  | 28949 | 25953 | \_ | \_ | 28949 | 25953 |
| Librarians |  |  | 60622 | 52794 | 60622 | 52794 | \_ | \_ |
| Statistician |  |  | 100273 | 92037 | 100273 | 92037 | \_ | \_ |
| Web developer |  |  | 76175 | 62340 | \_ | \_ | \_ | \_ |
| Veterinarian |  |  | 121045 | 95460 | 121045 | 95460 | \_ | \_ |
| Transportation security |  |  | 44518 | 44244 |  |  | \_ | \_ |
| Construction worker |  |  | 35966 | 32164 |  |  | 35966 | 32164 |

Employment and earnings by occupation; data reported 2019

<https://www.dol.gov/agencies/wb/data/occupations>

See text version of the Employment and Earnings by Occupation on the site for more complete information related to occupations and gender wage gap.

**Problems 6 and 7 Wages by gender and location.**

Problem 6 contains the data for the states; problem 7 has data for just the states east of the Mississippi. Other geographic groupings such as region of the country could be used as well.

Table 13 Women's and men's median yearly income for 2019-20 by states

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| State | Women | Men |  | State | Women | Men |
| Alabama | 37161 | 50018 |  | Montana | 38752 | 49778 |
| Alaska | 50832 | 60147 |  | Nebraska | 41148 | 51412 |
| Arizona | 41496 | 49773 |  | Nevada | 40775 | 46706 |
| Arkansas | 35467 | 44631 |  | New Hampshire | 49291 | 60406 |
| California | 50220 | 57016 |  | New Jersey | 53810 | 67007 |
| Colorado | 48258 | 60334 |  | New Mexico | 36659 | 46982 |
| Connecticut | 55636 | 66477 |  | New York | 51927 | 60686 |
| Delaware | 46907 | 56350 |  | North Carolina | 40640 | 47524 |
| District of Columbia | 72750 | 87603 |  | North Dakota | 41718 | 54899 |
| Florida | 37458 | 45136 |  | Ohio | 41184 | 52039 |
| Georgia | 40481 | 50346 |  | Oklahoma | 36494 | 49721 |
| Hawaii | 46542 | 52033 |  | Oregon | 44634 | 55654 |
| Idaho | 36761 | 48861 |  | Pennsylvania | 43791 | 55221 |
| Illinois | 45967 | 58579 |  | Rhode Island | 48556 | 57278 |
| Indiana | 38913 | 51322 |  | South Carolina | 37584 | 48541 |
| Iowa | 40681 | 52070 |  | South Dakota | 37765 | 50196 |
| Kansas | 40848 | 51291 |  | Tennessee | 38284 | 47626 |
| Kentucky | 38763 | 48545 |  | Texas | 40670 | 51125 |
| Louisiana | 37075 | 51733 |  | Utah | 39784 | 57117 |
| Maine | 40873 | 51029 |  | Vermont | 46616 | 51212 |
| Maryland | 56545 | 63272 |  | Virginia | 48209 | 60285 |
| Massachusetts | 57289 | 70483 |  | Washington | 50612 | 63988 |
| Michigan | 41474 | 53150 |  | West Virginia | 35748 | 46046 |
| Minnesota | 49242 | 60441 |  | Wisconsin | 42360 | 52305 |
| Mississippi | 33140 | 43024 |  | Wyoming | 37302 | 57339 |
| Missouri | 40496 | 50558 |  |  |  |  |

https://nwlc.org/wp-content/uploads/2021/03/Overall-Wage-Gap-State-By-State-2021-v2.pdf