## Appendix A. Employment Rates of 16-19 Year Olds in the Nation's 100 Largest Metropolitan Areas

| Metro Area | E/P | Metro Area | E/P |
|---|---|---|---|
| Ogden-Clearfield, UT | 43.2 | Albuquerque, NM | 27.3 |
| Omaha-Council Bluffs, NE-IA | 42.3 | Indianapolis-Carmel, IN | 27.1 |
| Des Moines-West Des Moines, IA | 42.2 | Toledo, OH | 27.0 |
| Salt Lake City, UT | 39.9 | Philadelphia-Camden-Wilmington, PA-NJ-DE-MD | 26.8 |
| Wichita, KS | 38.3 | Dallas-Fort Worth-Arlington, TX | 26.5 |
| Harrisburg-Carlisle, PA | 38.2 | Boise City-Nampa, ID | 26.3 |
| Portland-South Portland-Biddeford, ME | 36.7 | Birmingham-Hoover, AL | 26.2 |
| Minneapolis-St. Paul-Bloomington, MN-WI | 36.3 | Raleigh-Cary, NC | 26.2 |
| Oklahoma City, OK | 35.8 | Phoenix-Mesa-Scottsdale, AZ | 26.0 |
| Provo-Orem, UT | 35.3 | Detroit-Warren-Livonia, MI | 25.9 |
| Allentown-Bethlehem-Easton, PA-NJ | 35.0 | Palm Bay-Melbourne-Titusville, FL | 25.8 |
| Kansas City, MO-KS | 34.5 | Nashville-Davidson-Murfreesboro-Franklin, TN | 25.8 |
| Tulsa, OK | 34.4 | Syracuse, NY | 25.6 |
| Milwaukee-Waukesha-West Allis, WI | 34.1 | Jacksonville, FL | 25.4 |
| Providence-New Bedford-Fall River, RI-MA | 33.9 | Bridgeport-Stamford-Norwalk, CT | 25.3 |
| Scranton--Wilkes-Barre, PA | 33.8 | Seattle-Tacoma-Bellevue, WA | 25.0 |
| Hartford-West Hartford-East Hartford, CT | 33.6 | Charlotte-Gastonia-Concord, NC-SC | 24.9 |
| Cincinnati-Middletown, OH-KY-IN | 33.4 | Greenville-Mauldin-Easley, SC | 24.8 |
| Colorado Springs, CO | 33.4 | Chicago-Naperville-Joliet, IL-IN-WI | 24.7 |
| Boston-Cambridge-Quincy, MA-NH | 33.3 | San Diego-Carlsbad-San Marcos, CA | 24.6 |
| St. Louis, MO-IL | 33.1 | Memphis, TN-MS-AR | 24.5 |
| Virginia Beach-Norfolk-Newport News, VA-NC | 33.0 | Washington-Arlington-Alexandria, DC-VA-MD-WV | 24.4 |
| Louisville/Jefferson County, KY-IN | 32.9 | Charleston-North Charleston- Summerville, SC | 24.2 |
| Rochester, NY | 32.6 | Austin-Round Rock, TX | 24.1 |
| Worcester, MA | 32.3 | Portland-Vancouver-Beaverton, OR-WA | 23.8 |
| Albany-Schenectady-Troy, NY | 31.5 | Tampa-St. Petersburg-Clearwater, FL | 23.6 |
| Denver-Aurora-Broomfield, CO | 31.4 | Houston-Sugar Land-Baytown, TX | 23.1 |
| Oxnard-Thousand Oaks-Ventura, CA | 31.3 | New Orleans-Metairie-Kenner, LA | 22.9 |
| Knoxville, TN | 31.3 | Lakeland-Winter Haven, FL | 22.6 |
| Buffalo-Niagara Falls, NY | 31.2 | Jackson, MS | 22.5 |
| Madison, WI | 31.1 | Cape Coral-Fort Myers, FL | 21.5 |
| Pittsburgh, PA | 31.1 | Tucson, AZ | 21.5 |
| Baton Rouge, LA | 30.5 | Sacramento--Arden-Arcade--Roseville, CA | 21.5 |
| Bradenton-Sarasota-Venice, FL | 30.5 | Augusta-Richmond County, GA-SC | 21.0 |
| Columbia, SC | 30.3 | El Paso, TX | 20.9 |
| New Haven-Milford, CT | 30.1 | Orlando-Kissimmee, FL | 20.8 |
| Grand Rapids-Wyoming, MI | 29.9 | Bakersfield, CA | 20.1 |
| Youngstown-Warren-Boardman, OH-PA | 29.6 | McAllen-Edinburg-Mission, TX | 20.1 |
| Chattanooga, TN-GA | 29.5 | Stockton, CA | 20.0 |
| Baltimore-Towson, MD | 29.4 | Greensboro-High Point, NC | 19.8 |
| Akron, OH | 29.4 | Atlanta-Sandy Springs-Marietta, GA | 19.8 |
| Columbus, OH | 29.3 | Miami-Fort Lauderdale-Pompano Beach, FL | 19.6 |
| Dayton, OH | 29.1 | Las Vegas-Paradise, NV | 19.5 |
| Poughkeepsie-Newburgh-Middletown, NY | 29.0 | San Francisco-Oakland-Fremont, CA | 19.4 |
| Richmond, VA | 28.8 | New York-Northern New Jersey-Long Island, NY-NJ-PA | 19.3 |
| Little Rock-North Little Rock-Conway, AR | 28.7 | San Jose-Sunnyvale-Santa Clara, CA | 19.2 |
| Cleveland-Elyria-Mentor, OH | 28.6 | Fresno, CA | 18.3 |
| Springfield, MA | 27.7 | Riverside-San Bernardino-Ontario, CA | 17.7 |
| Honolulu, HI | 27.7 | Modesto, CA | 17.4 |
| San Antonio, TX | 27.4 | Los Angeles-Long Beach-Santa Ana, CA | 16.9 |

## Appendix B. Employment Rates of 20-24 Year Olds in the Nation's 100 Largest Metropolitan Areas (continued)

| Metro Area | E/P | Metro Area | E/P |
|---|---|---|---|
| Omaha-Council Bluffs, NE-IA | 75.8 | Pittsburgh, PA | 64.2 |
| Madison, WI | 75.0 | Austin-Round Rock, TX | 64.1 |
| Salt Lake City, UT | 74.6 | Nashville-Davidson--Murfreesboro--Franklin, TN | 63.8 |
| Des Moines-West Des Moines, IA | 74.5 | Charleston-North Charleston-Summerville, SC | 63.8 |
| Portland-South Portland-Biddeford, ME | 73.7 | Las Vegas-Paradise, NV | 63.6 |
| Honolulu, HI | 73.5 | Houston-Sugar Land-Baytown, TX | 63.5 |
| Grand Rapids-Wyoming, MI | 73.1 | New Haven-Milford, CT | 63.5 |
| Ogden-Clearfield, UT | 72.3 | Phoenix-Mesa-Scottsdale, AZ | 63.4 |
| Wichita, KS | 71.3 | San Diego-Carlsbad-San Marcos, CA | 63.3 |
| Provo-Orem, UT | 71.1 | Charlotte-Gastonia-Concord, NC-SC | 63.0 |
| Colorado Springs, CO | 71.0 | Rochester, NY | 62.8 |
| Minneapolis-St. Paul-Bloomington, MN-WI | 70.3 | Raleigh-Cary, NC | 62.5 |
| Oxnard-Thousand Oaks-Ventura, CA | 69.9 | Tampa-St. Petersburg-Clearwater, FL | 62.5 |
| Denver-Aurora-Broomfield, CO | 69.8 | Orlando-Kissimmee, FL | 62.4 |
| Virginia Beach-Norfolk-Newport News, VA-NC | 69.6 | Jacksonville, FL | 62.2 |
| Kansas City, MO-KS | 69.6 | Knoxville, TN | 62.0 |
| Milwaukee-Waukesha-West Allis, WI | 69.4 | Chicago-Naperville-Joliet, IL-IN-WI | 61.9 |
| Tulsa, OK | 68.8 | Richmond, VA | 61.8 |
| Albany-Schenectady-Troy, NY | 67.9 | Palm Bay-Melbourne-Titusville, FL | 61.5 |
| Dayton, OH | 67.9 | Birmingham-Hoover, AL | 60.9 |
| Boise City-Nampa, ID | 67.5 | Toledo, OH | 59.8 |
| Louisville/Jefferson County, KY-IN | 67.3 | Albuquerque, NM | 59.8 |
| Columbus, OH | 67.2 | Youngstown-Warren-Boardman, OH-PA | 59.6 |
| Bradenton-Sarasota-Venice, FL | 67.2 | Chattanooga, TN-GA | 59.5 |
| Little Rock-North Little Rock-Conway, AR | 66.7 | New Orleans-Metairie-Kenner, LA | 59.5 |
| Cincinnati-Middletown, OH-KY-IN | 66.6 | Philadelphia-Camden-Wilmington, PA-NJ-DE-MD | 59.1 |
| Poughkeepsie-Newburgh-Middletown, NY | 66.4 | Lakeland-Winter Haven, FL | 58.4 |
| Cleveland-Elyria-Mentor, OH | 66.2 | Riverside-San Bernardino-Ontario, CA | 58.4 |
| Scranton--Wilkes-Barre, PA | 66.2 | Atlanta-Sandy Springs-Marietta, GA | 58.2 |
| Columbia, SC | 66.0 | Cape Coral-Fort Myers, FL | 58.0 |
| Washington-Arlington-Alexandria, DC-VA-MD-WV | 65.9 | San Jose-Sunnyvale-Santa Clara, CA | 57.9 |
| Providence-New Bedford-Fall River, RI-MA | 65.8 | Sacramento--Arden-Arcade--Roseville, CA | 57.8 |
| Buffalo-Niagara Falls, NY | 65.8 | Jackson, MS | 57.7 |
| Baton Rouge, LA | 65.4 | Modesto, CA | 57.7 |
| Dallas-Fort Worth-Arlington, TX | 65.4 | Detroit-Warren-Livonia, MI | 57.6 |
| Harrisburg-Carlisle, PA | 65.3 | El Paso, TX | 57.5 |
| Baltimore-Towson, MD | 65.3 | San Francisco-Oakland-Fremont, CA | 57.5 |
| Akron, OH | 65.3 | Los Angeles-Long Beach-Santa Ana, CA | 57.0 |
| Indianapolis-Carmel, IN | 65.2 | Miami-Fort Lauderdale-Pompano Beach, FL | 56.9 |
| St. Louis, MO-IL | 65.2 | Memphis, TN-MS-AR | 56.9 |
| Hartford-West Hartford-East Hartford, CT | 65.1 | Syracuse, NY | 56.7 |
| Portland-Vancouver-Beaverton, OR-WA | 65.1 | Tucson, AZ | 55.8 |
| Oklahoma City, OK | 65.0 | Augusta-Richmond County, GA-SC | 55.6 |
| Allentown-Bethlehem-Easton, PA-NJ | 64.9 | Springfield, MA | 55.6 |
| San Antonio, TX | 64.9 | Fresno, CA | 55.5 |
| Boston-Cambridge-Quincy, MA-NH | 64.6 | Bakersfield, CA | 55.3 |
| Bridgeport-Stamford-Norwalk, CT | 64.6 | New York-Northern New Jersey-Long Island, NY-NJ-PA | 54.5 |
| Greensboro-High Point, NC | 64.5 | Greenville-Mauldin-Easley, SC | 54.2 |
| Seattle-Tacoma-Bellevue, WA | 64.4 | Stockton, CA | 54.0 |
| Worcester, MA | 64.3 | McAllen-Edinburg-Mission, TX | 52.9 |

## Appendix C. List and Definitions of the Dependent and Independent Variables Appearing in the Multivariate Statistical Models of the Employment Status of Teens Residing in the Nation's 100 Largest Metropolitan Areas in March 2011

| Dependent Variable | Definition |
|---|---|
| **Employment Status** | |
| Employed | The employment status of the respondent at the time of survey<br>1 = if employed<br>0 = if other |
| **Independent Variables** | |
| **Demographic variables** | |
| Age_16 | The age of the respondent<br>1 = if respondent is 16 years old<br>0 = if other |
| Age_17 | The age of the respondent<br>1 = if respondent is 17 years old<br>0 = if other |
| Age_18 | The age of the respondent<br>1 = if respondent is 18 years old<br>0 = if other |
| Black | The race\ethnic status of the respondent<br>1 = Black<br>0 = if other |
| Hispanic | The race\ethnic status of the respondent<br>1 = Hispanic<br>0 = if other |
| Asian | The race\ethnic status of the respondent<br>1 = Asian<br>0 = if other |
| Other | The race\ethnic status of the respondent<br>1 = American Indian/ Alaskan Native/ Mixed race<br>0 = if other |
| **Educational variables** | |
| High School Dropout | Educational attainment/school enrollment status of the respondent at the time of the survey<br>1 = Respondent is a high school dropout<br>0 = if other |
| Some College or Associate degree, not enrolled | Educational attainment/school enrollment status of the respondent at the time of the survey<br>1 = Respondent has completed one or more years of college or has a college degree, not enrolled<br>0 = if other |
| High School Student | Educational attainment/school enrollment status of the respondent at the time of the survey<br>1 = Respondent is a high school student<br>0 = if other |
| College Student | Educational attainment/school enrollment status of the respondent at the time of the survey<br>1 = Respondent is a college student<br>0 = if other |
| **Family living arrangement** | |
| Married couple family, head not employed | The type of family in which the respondent lived<br>1 = Married couple family with a jobless head<br>0 = if other |
| Single parent, not employed | The type of family in which respondent lived<br>1 = Single parent family with jobless head<br>0 = if other |
| Single parent, employed | The type of family in which respondent lived<br>1 = Single parent family with employed head<br>0 = if other |

**Appendix C. List and Definitions of the Dependent and Independent Variables Appearing in the Multivariate Statistical Models of the Employment Status of Teens Residing in the Nation's 100 Largest Metropolitan Areas in March 2011 (continued)**

| Dependent Variable | Definition |
|---|---|
| All other living arrangements | The type of family in which respondent lived<br>1 = All other arrangements<br>0 = if other |
| *Household Annual Income* | |
| HH income 0_20,000 | Annual income of respondent's household<br>1 = 0 - 20,000 dollars<br>0 = if other |
| HH income 40_60,000 | Annual income of respondent's household<br>1 = 40 - 60,000 dollars<br>0 = if other |
| HH income 60_80,000 | Annual income of respondent's household<br>1 = 60 - 80,000 dollars<br>0 = if other |
| HH income 80_100,000 | Annual income of respondent's household<br>1 = 80 - 100,000 dollars<br>0 = if other |
| HH income 100_125,000 | Annual income of respondent's household<br>1 = 100 - 125,000 dollars<br>0 = if other |
| HH income 125,000_plus | Annual income of respondent's household<br>1 = 125,000 or above dollars<br>0 = if other |
| *Last year job experience* | |
| Worked 1-13 weeks | Number of weeks respondent was employed last year<br>1 = 1-13 weeks<br>0 = if other |
| Worked 14-19 weeks | Number of weeks respondent was employed last year<br>1 = 14-19 weeks<br>0 = if other |
| Worked 20-26 weeks | Number of weeks respondent was employed last year<br>1 = 20-26 weeks<br>0 = if other |
| Worked 27-39 weeks | Number of weeks respondent was employed last year<br>1 = 27-39 weeks<br>0 = if other |
| Worked 40 or more weeks | Number of weeks respondent was employed last year<br>1 = 40 or more weeks<br>0 = if other |
| *Geographical location* | |
| Central City | At the time of interview respondent resided in<br>1 = Central City<br>0 = if other |
| *Employment Rate of Area* | |
| E/P Ratio (16+) | The overall employment / population ratio of the metropolitan area in 2010 |

**Table C-1. Estimates of the Raw Coefficients of the Predictor Variables in the Logit Employment Probability Models for 16-19 Year Olds in the Nation's 100 Largest Metropolitan Areas, March 2011**

| Variables | Model 1 | | Model 2 | |
|---|---|---|---|---|
| | Coeff. | Sig. | Coeff. | Sig. |
| Female | 0.200 | *** | 0.259 | *** |
| Age_16 | -1.480 | *** | -0.642 | *** |
| Age_17 | -0.605 | *** | -0.179 | |
| Age_18 | -0.208 | *** | 0.118 | |
| Black | -0.888 | *** | -0.797 | *** |
| Hispanic | -0.436 | *** | -0.296 | *** |
| Asian | -1.058 | *** | -0.416 | * |
| Other | -0.553 | *** | -0.288 | |
| High School Dropout | -0.138 | | -0.065 | |
| Some College or AA/BA degree | 0.936 | *** | 0.504 | * |
| High School Student | -0.847 | *** | -0.433 | *** |
| College Student | -0.208 | ** | -0.314 | ** |
| Married couple HH, head not employed | -0.107 | | -0.134 | |
| Single parent not employed | -0.124 | | -0.319 | * |
| Single parent employed | 0.069 | | -0.064 | |
| All other arrangements | 0.521 | *** | 0.286 | ** |
| HH income 0_20,000 | -0.319 | *** | 0.069 | |
| HH income 40_60,000 | 0.283 | *** | 0.142 | |
| HH income 60_80,000 | 0.315 | *** | -0.119 | |
| HH income 80_100,000 | 0.457 | *** | 0.124 | |
| HH income 100_125,000 | 0.466 | *** | -0.022 | |
| HH income 125_plus | 0.287 | *** | -0.357 | ** |
| Worked 1-13 weeks | | | 1.896 | *** |
| Worked 14-19 weeks | | | 3.101 | *** |
| Worked 20-26 weeks | | | 3.403 | *** |
| Worked 27-39 weeks | | | 3.428 | *** |
| Worked 40 or more weeks | | | 4.973 | *** |
| Central City | -0.144 | ** | -0.012 | |
| Constant | -0.319 | ** | -2.182 | *** |
| N = | 7560 | | | |

*Note: *significant at .10 level; ** significant at .05 level; *** significant at .01 level*

**Table C-2. Estimates of the Raw Coefficients of the Predictor Variables in the Logit Employment Probability Models for 16-19 Year Olds in the Nation's 100 Largest Metropolitan Areas, March 2011**

| Variables | Model I Coeff. | Model II Coeff. |
|---|---|---|
| Female | 0.196*** | 0.254*** |
| Age_16 | -1.531*** | -0.683*** |
| Age_17 | -0.655*** | -0.224 |
| Age_18 | -0.225*** | 0.097 |
| Black | -0.877*** | -0.795*** |
| Hispanic | -0.358*** | -0.274** |
| Asian | -1.012*** | -0.388* |
| Other | -0.531*** | -0.259 |
| High School Dropout | -0.086 | -0.027 |
| Some College or AA/BA degree | 1.005*** | 0.545** |
| High School Student | -0.745*** | -0.360** |
| College Student | -0.111 | -0.266** |
| Married couple HH, head not employed | -0.133 | -0.201 |
| Single parent not employed | -0.066 | -0.272 |
| Single parent employed | 0.081 | -0.097 |
| All other arrangements | 0.565*** | 0.215 |
| HH income 0_20,000 | -0.273** | 0.109 |
| HH income 40_60,000 | 0.282** | 0.142 |
| HH income 60_80,000 | 0.351*** | -0.101 |
| HH income 80_100,000 | 0.461*** | 0.122 |
| HH income 100_125,000 | 0.421*** | -0.104 |
| HH income 125_plus | 0.266** | -0.421** |
| Worked 1-13 weeks | | 1.883*** |
| Worked 14-19 weeks | | 3.096*** |
| Worked 20-26 weeks | | 3.406*** |
| Worked 27-39 weeks | | 3.441*** |
| Worked 40 or more weeks | | 4.973*** |
| Central City | -0.133* | -0.006 |
| E_P_Rate_16+ | 3.475*** | 0.951 |
| Constant | -2.455*** | -2.757*** |
| N= | 7539 | X |

*Note: *significant at .10 level; ** significant at .05 level; *** significant at .01 level*

## Appendix D. Definitions of the Dependent and Independent Variables Appearing in the Multiple Regression Models of the Employment Population Ratios for 16 to 19 Year Olds in the 100 Most Populous Metropolitan Areas, 2010-2011

| Variable Name | Definition of Variable |
|---|---|
| *Dependent Variable* | |
| EP_RATIO | Employment-to-population ratio of 16 to 19 year olds in each of the 100 most populous metropolitan areas at the time of the 2010-2011 American Community Surveys (ACS). |
| *Independent Variables* | |
| HSDROP | High school dropouts as a share of the 16 to 19 year old population in 2010-2011 in each of the 100 most populous metropolitan areas |
| HSSTUD | High school students as a share of the 16 to 19 year old population in 2010-2011 in each of the 100 most populous metropolitan areas. |
| COLLSTUD | College students as a share of the 16 to 19 year old population in 2010-2011 in each of the 100 most populous metropolitan areas. |
| LOWINCOME | Share of the 16 to 19 year old population living in low income households (income less than 200% of the federal poverty thresholds) in 2010-2011 in each of the 100 most populous metropolitan areas. |
| UNEMPRATE | Unemployment rate of persons 16 years and older in each of the 100 most populous metropolitan areas at the time of the 2010-2011 American Community Surveys. |
| TEENPOPSHR | Share of 16 to 19 year olds in the working-age population (16+) in each of the 100 most populous metropolitan areas at the time of the 2010-2011 American Community Surveys. |
| IMMSHR | Share of new foreign-born immigrants without a college degree in the labor force as a per cent of the total labor force in each of the 100 most populous metropolitan areas at the time of the 2010-2011 American Community Surveys. |
| 1-13WKS | Share of 16 to 19 year olds who worked 1 to 13 weeks in the 52 week period preceding the week of the 2010 and 2011 American Community Surveys in each of the 100 most populous metropolitan areas. |
| 14-26WKS | Share of 16 to 19 year olds who worked 14 to 26 weeks in the 52 weeks preceding the 2010 and 2011 American Community Surveys in each of the 100 most populous metropolitan areas. |
| 27+WKS | Share of 16 to 19 year olds who worked 27 weeks or more in the 52 week period preceding the 2010 and 2011 American Community Surveys in each of the 100 most populous metropolitan areas. |

**Appendix E. List and Definitions of the Dependent and Independent Variables Appearing in the Logit Regression Models of the Employment Status of Young Adults (20-24) in the Nation's 100 Largest Metropolitan Areas in March 2011**

| Dependent Variable | Definition |
|---|---|
| *Employment Status* | |
| Employed | The employment status of the respondent at the time of the March 2011 survey<br>1 = if employed<br>0 = if other |
| **Independent Variables** | |
| *Demographic variables* | |
| Age_22 | The age of the respondent<br>1 = if respondent is 22 years old<br>0 = if other |
| Age_23 | The age of the respondent<br>1 = if respondent is 23 years old<br>0 = if other |
| Age_24 | The age of the respondent<br>1 = if respondent is 24 years old<br>0 = if other |
| Black | The race\ethnic status of the respondent<br>1 = Black<br>0 = if other |
| Hispanic | The race\ethnic status of the respondent<br>1 = Hispanic<br>0 = if other |
| Asian | The race\ethnic status of the respondent<br>1 = Asian<br>0 = if other |
| Other | The race\ethnic status of the respondent<br>1 = American Indian/ Alaskan Native/ Mixed race<br>0 = if other |
| Married | Marital status of respondent<br>1 = Married<br>0 = Not married |
| Kids under 18 | Presence of own children in the household for female respondent<br>1 = A female respondent had a child under 18 years old<br>0 = No children |
| *Educational variables* | |
| High School Dropout | Educational attainment/school enrollment status of the respondent at the time of survey<br>1 = Respondent is a high school dropout<br>0 = if other |
| Some College | Educational attainment/school enrollment status of the respondent at the time of survey<br>1 = Respondent completed 1-4 years college, no degree<br>0 = if other |
| AA Degree | Educational attainment/school enrollment status of the respondent at the time of survey<br>1 = Respondent has Associate degree, not enrolled<br>0 = if other |

## Appendix E. List and Definitions of the Dependent and Independent Variables Appearing in the Logit Regression Models of the Employment Status of Young Adults (20-24) in the Nation's 100 Largest Metropolitan Areas in March 2011 (continued)

| Dependent Variable | Definition |
|---|---|
| BA Degree | Educational attainment/school enrollment status of the respondent at the time of survey<br>1 = Respondent has Bachelor degree, not enrolled<br>0 = if other |
| College Student | Educational attainment/school enrollment status of the respondent at the time of survey<br>1 = Respondent is a college student<br>0 = if other |
| *Household income* | |
| HH income 0_20,000 | Annual income of respondent's household<br>1 = 0 - 20,000 dollars<br>0 = if other |
| HH income 40_60,000 | Annual income of respondent's household<br>1 = 40 - 60,000 dollars<br>0 = if other |
| HH income 60_80,000 | Annual income of respondent's household<br>1 = 60 - 80,000 dollars<br>0 = if other |
| HH income 80_100,000 | Annual income of respondent's household<br>1 = 80 - 100,000 dollars<br>0 = if other |
| HH income 100_149,000 | Annual income of respondent's household<br>1 = 100-149,000 dollars<br>0 = if other |
| HH income 150000+ | Annual income of respondent's household<br>1 = 150,000 dollars or above<br>0 = if other |
| *Last year's job experience* | |
| Worked 1-13 weeks | Number of weeks respondent was employed last year<br>1 = 1-13 weeks<br>0 = if other |
| Worked 14-26 weeks | Number of weeks respondent was employed last year<br>1 = 14-26 weeks<br>0 = if other |
| Worked 27-39 weeks | Number of weeks respondent was employed last year<br>1 = 27-39 weeks<br>0 = if other |
| Worked 40+ weeks | Number of weeks respondent was employed last year<br>1 = 40+ weeks<br>0 = if other |
| Employment Rate of Area / E/P Ratio (16+) | The employment / population ratio of all persons (16+) in the metropolitan area |
| *Geographical location* | |
| Central City | At the time of interview respondent resided in<br>1 = Central City<br>0 = if other |

**Table E-1. Raw Coefficient of the Independent Variables in the Logit Employment Probability Models of 20-24 Year Olds in the Nation's 100 Largest Metropolitan Areas, CPS March 2011**

| Variables | Model I Coeff. | Model II Coeff. |
|---|---|---|
| Age_22 | 0.228*** | 0.079 |
| Age_23 | 0.221** | -0.059 |
| Age_24 | 0.459*** | 0.027 |
| Black | -0.368*** | -0.338** |
| Hispanic | 0.276*** | 0.340*** |
| Asian | -0.501*** | -0.142 |
| Other | 0.159 | 0.470* |
| High School Dropout or High School Student | -0.550*** | -0.398*** |
| Some College | 0.394*** | 0.291** |
| AA Degree | 1.504*** | 0.615 |
| BA Degree | 1.035*** | 1.419*** |
| College Student | -0.760*** | -0.333*** |
| Married | 1.009*** | 0.122 |
| Kids under 18 | -0.029 | 0.411** |
| HH income 0_20,000 | -0.452*** | 0.236* |
| HH income 40_60,000 | 0.273** | -0.015 |
| HH income 60_80,000 | 0.479*** | 0.186 |
| HH income 80_100,000 | 0.551*** | 0.307* |
| HH income 100_125,000 | 0.512*** | 0.101 |
| HH income 125_plus | 0.190* | -0.246* |
| Worked 1-13 weeks | | 1.310*** |
| Worked 14-19 weeks | | 2.072*** |
| Worked 20-26 weeks | | 2.694*** |
| Worked 27-39 weeks | | 2.839*** |
| Worked 40 or more weeks | | 4.231*** |
| Central City | -0.115* | -0.059 |
| E_P_Rate_16+ | 4.588*** | 4.048*** |
| Constant | -2.510*** | -4.423*** |
| N= | 3604 | X |

*Note: * significant at .1 level; ** significant at .05 level; *** significant at .01 level.*

**Table E-2. Raw Coefficient of the Independent Variables in the Logit Employment Probability Models of 20-24 Year Olds Females in the Nation's 100 Largest Metropolitan Areas, CPS March 2011**

| Variables | Model I Coeff. | Model II Coeff. |
|---|---|---|
| Age_22 | 0.102 | -0.139 |
| Age_23 | 0.233** | 0.023 |
| Age_24 | 0.345*** | -0.066 |
| Black | -0.078 | -0.026 |
| Hispanic | -0.068 | -0.005 |
| Asian | -0.560*** | 0.028 |
| Other | -0.439** | -0.405 |
| High School Dropout or High School Student | -0.962*** | -0.688*** |
| Some College | 0.379*** | 0.018 |
| AA Degree | 0.564** | 0.121 |
| BA Degree | 1.083*** | 1.283*** |
| College Student | -0.513*** | -0.327*** |
| Married | -0.555*** | -0.306*** |
| Kids under 18 | -0.456*** | -0.435*** |
| HH income 0_20,000 | -0.535*** | -0.047 |
| HH income 40_60,000 | 0.277*** | -0.071 |
| HH income 60_80,000 | 0.464*** | -0.046 |
| HH income 80_100,000 | 0.313** | -0.106 |
| HH income 100_125,000 | 0.599*** | 0.256 |
| HH income 125_plus | 0.139 | -0.216 |
| Worked 1-13 weeks | | 1.251*** |
| Worked 14-19 weeks | | 1.933*** |
| Worked 20-26 weeks | | 2.205*** |
| Worked 27-39 weeks | | 2.832*** |
| Worked 40 or more weeks | | 4.327*** |
| Central City | -0.122* | -0.159* |
| E_P_Rate_16+ | 1.515* | -0.093 |
| Constant | -0.310 | -1.278* |
| N= | 3767 | |

**Appendix F. Definitions of the Dependent and Independent Variables Appearing in the Multiple Regression Models of the Employment Rates of 20 to 24 Year Olds in the 100 Most Populous Metropolitan Areas, 2010-2011**

| Variable Name | Definition of Variable |
|---|---|
| **Dependent Variable** | |
| EP_RATIO_20_24 | Employment-to-population ratio of 20 to 24 year olds in each of the 100 most populous metropolitan areas at the time of the 2010-2011 American Community Surveys (ACS). |
| **Independent Variables:** | |
| HSDROP | High school dropouts share of the 20 to 24 year old population in 2010-2011 in each of the 100 most populous metropolitan areas. |
| HSGRAD_NONENRL | Non-enrolled high school graduates share of the 20 to 24 year old population in 2010-2011 in each of the 100 largest metropolitan areas. |
| SOMECOLL_NONENRL | Non-enrolled youth with some completed years of college as a share of the 20 to 24 year old population in 2010-2011 in each of the 100 most populous metropolitan areas. |
| AADEGREE_NONENRL | Non-enrolled youth with an Associate's degree as a share of the 20 to 24 year old population in 2010-2011 in each of the 100 most populous metropolitan areas. |
| BADEGREE_ NONENRL | Non-enrolled youth with a Bachelor's or higher degree as a share of the 20 to 24 year old population in 2010-2011 in each of the 100 most populous metropolitan areas. |
| COLLEGE_ENRL | College enrolled youths' share of the 20 to 24 year old population in 2010-2011 in each of the 100 most populous metropolitan areas. |
| LOWINCOME | Share of 20 to 24 year old population with a household income below 200% of the federal poverty thresholds in 2010-2011 in each of the 100 most populous metropolitan areas. |
| MISSING_HH_INCOME | Share of the 20 to 24 year old population who were enrolled in college and had missing household income in 2010-2011 in each of the 100 most populous metropolitan areas. |
| UNEMPRATE | Unemployment rates of persons 16 years and older in each of the 100 most populous metropolitan areas at the time of the 2010-2011 American Community Surveys. |
| POPSHR_20_24 | Share of 20 to 24 year olds in the working-age population (16+) in each of the 100 most populous metropolitan areas at the time of the 2010-2011 American Community Surveys. |
| IMMSHR | Share of new foreign-born immigrants under age 25 in the labor force without a college degree as a per cent of the total labor force in each of the 100 most populous metropolitan areas at the time of the 2010-2011 American Community Surveys |
| E_P_RATIO_16_19_0607 | Employment/population ratio of 16 to19 year olds in 2006/2007 in each of the 100 most populous metropolitan areas. |
| 1-13WKS | Share of 20 to 24 year olds who worked 1 to 13 weeks in the 52 week period preceding the week of the American Community Surveys in each of the 100 most populous metropolitan areas in 2010-2011. |
| 14-26WKS | Share of 20 to 24 year olds who worked 14 to 26 weeks in the 52 weeks preceding the 2010 and 2011 American Community Surveys in each of the 100 most populous metropolitan areas. |
| 27+WKS | Share of 20 to 24 year olds who worked 27 weeks or more in the 52 week period preceding the 2010 and 2011 American Community Surveys in each of the 100 most populous metropolitan areas. |