

Trends in the Working Poor

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Introduction

Graphs of Trends

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Definition of Work

During the past 15 years, Aid for Families with Dependent > Composition was calculated by dividing the number of the working > CPS has data on how many weeks a person works, how Children (AFDC) was replaced by Temporary Assistance for by the total number of many weeks they looked for work, and how many weeks they Needy Families (TANF) in the Welfare Reform Act of 1996, while working poor. worked part time. A definition for work had to be broad enough to

the Earned Income Tax Credit (EITC) program has grown. It is I redive the working poor include those working poor who are currently unemployed, but hard to see the affects of these programs because the US with a certain demographic attribute by the total number in the US not so broad as to include individuals who are usually not in the Census' absolute poverty measure is outdated and especially population with that same attribute. labor force.

Figure 2B: Risk of Becoming Working Poor by Age

→ % younger than 25 → % 25 to 34

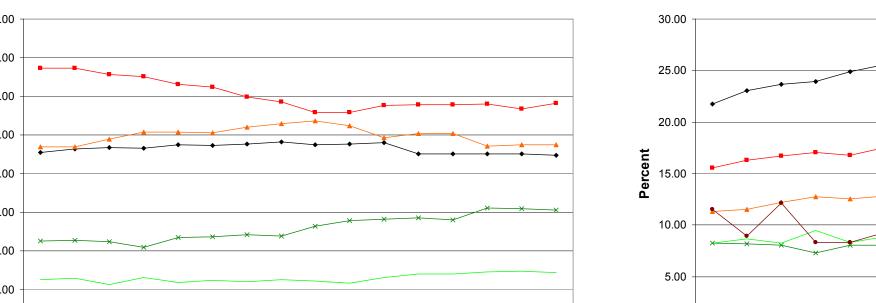
- % 55 to 64

→ % 35 to 44

% older than 65

problematic when examining the working poor. The working poor have higher incomes than the poor who are not in the labor force, but they also have many other costs associated with working, such as childcare and transportation. These people don't fall below the current poverty line, even though they struggle to pay for these basic essentials. We will use a new relative measure of poverty and a broad definition of work to examine the trends in the working poor.

Figure 2A: Composition of the Working Poor by Age



The first decision in creating this definition was deciding what constituted work. As seen in Figure 7A, the category "working or looking for work" includes a greater percent of the civilian labor force and shows the same trends. It is important to include those who are looking for work because members of the working poor often cannot find continuous steady work.

Figure 7A: Different Definitions of Work as a Percentage of the Civilian Labor Force

Figure 7B: Percent of Workers in Relative Poverty with Different Amounts of Work

by Colin Hill

Data Sources and Methods

► Data was obtained from the Current Population Survey's (CPS) Annual Social and Economic Supplement (ASEC), which contains information about the incomes, work habits, and demographics of about 50 thousand households each year. This study analyzed the surveys from 1992 to 2007, downloaded with Data Ferret.

► We used the statistics program SAS to apply the CPS individual weight variable in order to estimate the numbers of working poor under our new definition. The results were graphed using Microsoft Excel.

Definitions of Poverty

► The official US Census Bureau absolute poverty line (Equation 1), created by Mollie Orshansky in 1963, was calculated by multiplying the cost of a low budget food plan by 3. This value was then scaled to different family sizes, as larger families spend more income on food but can also pool some resources. This threshold is updated yearly for inflation with the consumer price index (CPI).

Today, rising costs of housing and healthcare have decreased the percent of expenditures allocated towards food. These nonfood expenditures are even greater for the working poor, who must pay for childcare and transportation. This has caused the official absolute poverty line to underestimate the number of people in poverty, as it has fallen further behind median income.

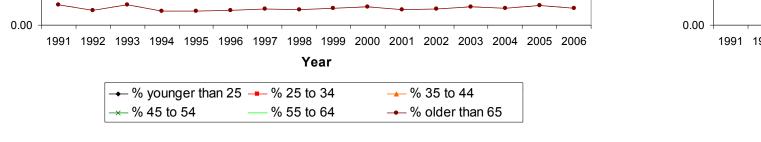
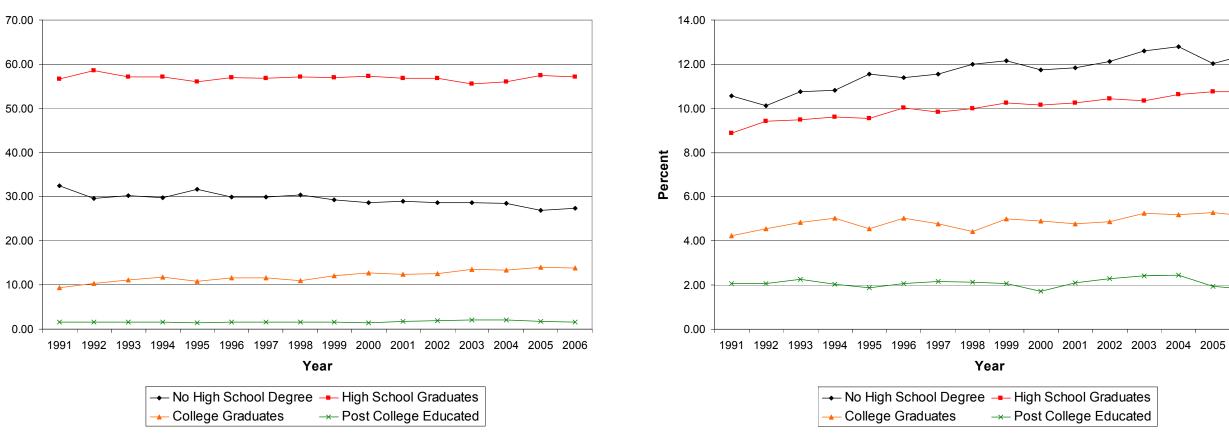
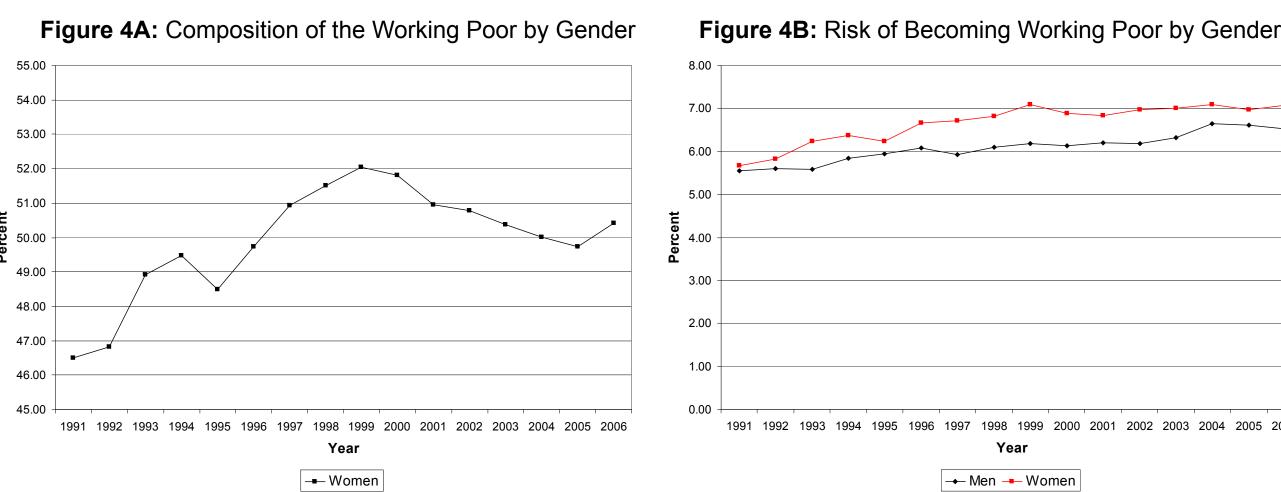
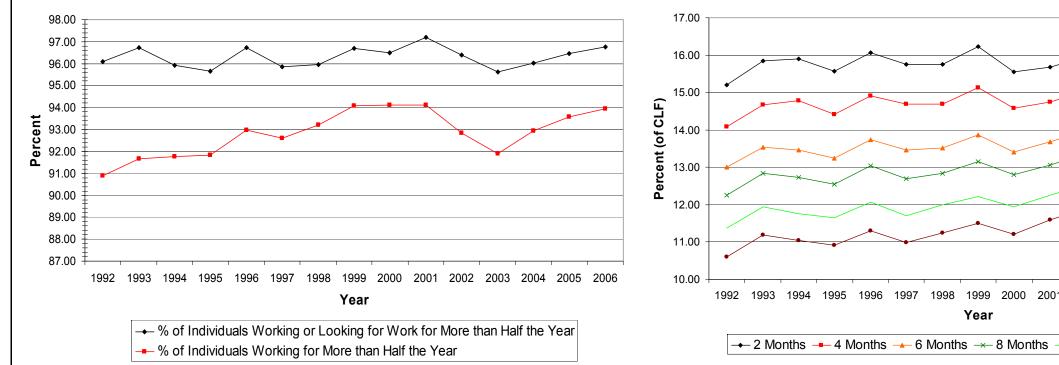


Figure 3A: Composition of the Working Poor by Education Figure 3B: Risk of Becoming Working Poor by Education







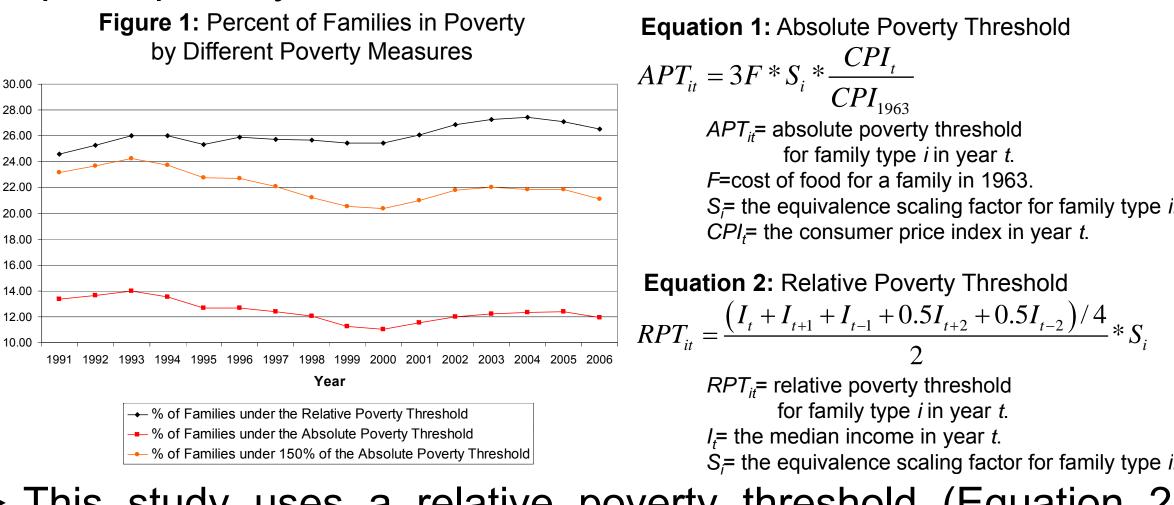
The second decision was how many weeks of work classify a person as a worker. Half the year was chosen because it included seasonal workers, but excluded groups like college students, who only work during the summer. As Figure 7B shows, the trends are very similar in all cases.

This definition of work as "working or looking for work for more than half the year" was used in all of the following trend graphs.

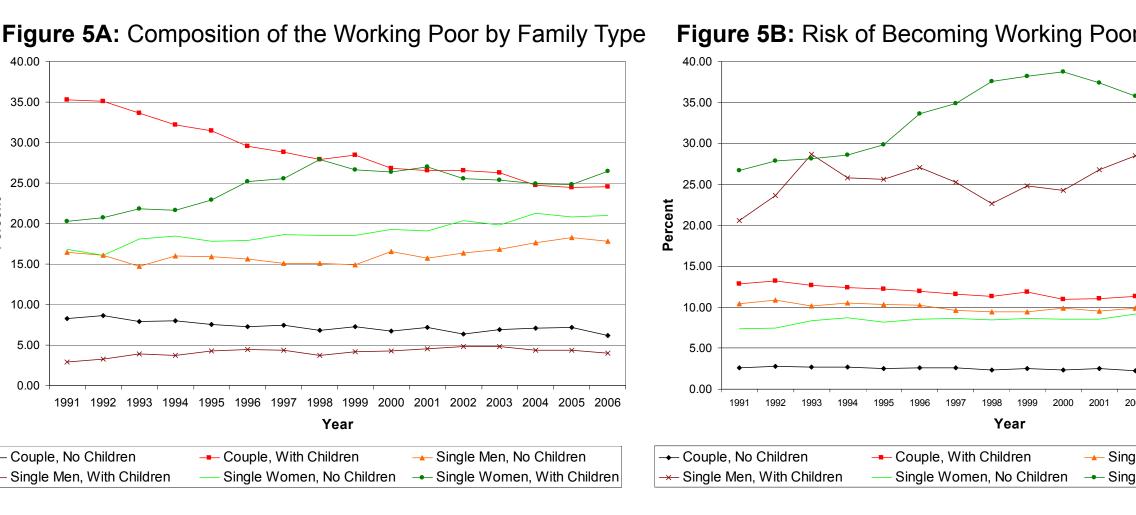
Trends in the Working Poor

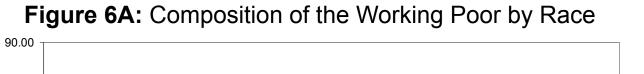
Age: Figure 2A shows that the working poor are made up of a greater number of older workers now than in 1991. Figure 2B shows that the risk of becoming working poor decreases substantially for older age groups.

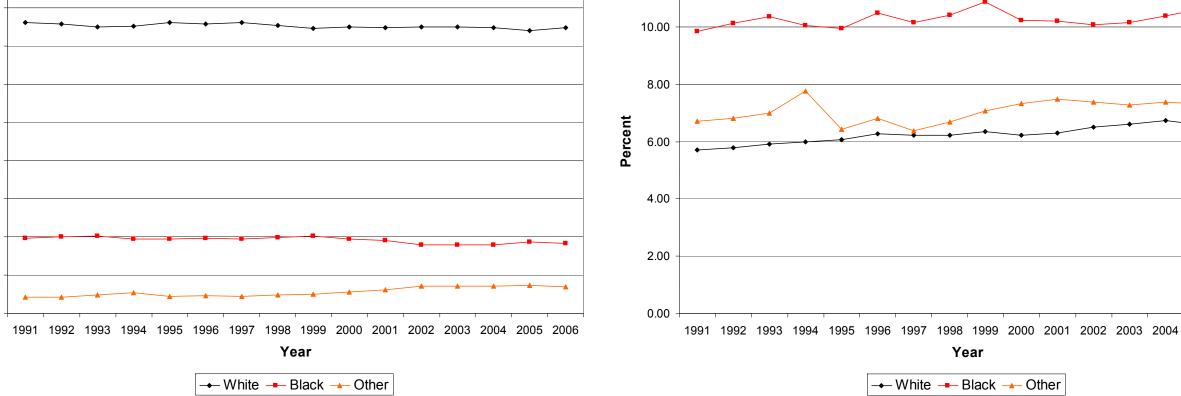
Education: Figure 3A shows that most of the working poor are made up of those with no more than a high school degree. There is a slight increase in the percent of college graduates and a decrease in the percent of non high school graduates. Figure 3B



Median income is affected by short term economic changes, decreased for couples. The increase in risk for single women causing the relative poverty threshold to underestimate poverty 🔶 White 🗕 Black 📥 Othe during recessions. This was corrected by applying a moving References with children is steepest in 1996, which suggests that a large number of single mothers started looking for jobs after AFDC average to the threshold, which smoothes the threshold curve, Vijay Verma. "Fuzzy Measures of the Incidence of Kim, Marlene. "The Working Poor: Lousy Jobs or Lazy Workers was ended in that year. Journal of Economic Issues os 32.1 (1998): 65-78. Relative Poverty and Deprivation: a Multi-Dimensional making it less dependent on fluctuations in median income. Perspective." Statistical Methods and Applications os 17 (2008): Klein, Bruce W., and Philip L. Rones. "A Profile of the Working Poor. **Race:** Figure 6A shows the composition of the working poor by This relative poverty threshold, used in all the following trend 225-250 Monthly Labor Review os 112.10 (1989): 3-13. Blank, Rebecca M. It Takes a Nation: a New Agenda for Fighting Lambert, Thomas E. "The Poor and Transportation." Journal race. The working poor are predominantly white with about 20% Poverty. Princeton, New Jersey: Princeton UP, 1997. Economic Issues os 32.4 (1998): 1140-1143. graphs, is intended to give a measure of poverty that shows how Blank, Rebecca M. "Presidential Address: How to Improve Poverty Mosisa, Abraham T. "The Working Poor in 2001." Monthly Lab black. Figure 6B shows that the risk of becoming working poor is Measurements in the United States." Journal of Policy Analysis many people can't keep up with the standard of living typical of Review os 126.11 (2003): 13-19. Sawhill, Isabel V. "Poverty in the U.S.: Why is It So Persistent and Management os 27.2 (2008): 233-254. much higher for blacks than for whites. From 1991 to 2006, the the rest of society. Individuals just below the relative poverty line Cormier, David, and Charles Craypo. "The Working Poor and the Journal of Economic Literature os 26.3 (1988): 1073-1119. Working of American Labour Markets." Cambridge Journal of Weinberger, Catherine J., and Marlene Kim. "The Working Poor- a risk increased for all three racial categories. Statistical Artifact?" Eastern Economic Journal os 25.2 (1999): may manage to survive day to day, but still can't afford to buy a <u>Economics</u> os 24.6 (2000): 691-700. Danziger, Sheldon, and Peter Gottschalk. America Unequal. 155-167 house, car, computer, or other such items that an American living Gardner, Jennifer M., and Diane E. Herz. "Working and Poor in Acknowledgements: I would like to thank Professor Wendy Zagorsky, Jay L. "Health and the Working Poor." Eastern Econon Journal os 25.2 (1999): 169-189. Rayack, Professor Manolis Kaparakis, and Aneliya Valkova. 1990." Monthly Labor Review os 115.12 (1992): 20-28. at the median income would own. Gleicher, David, and Lonnie K. Stevans. "A Comprehensive Profile of the Working Poor." Labour os 19.3 (2005): 517-529.







shows that the risk of becoming working poor decreases **Figure 5A:** Composition of the Working Poor by Family Type **Figure 5B:** Risk of Becoming Working Poor by Family Type

substantially as education increases.

Gender: Figure 4A shows the gender composition of the working poor. Before 1996, the working poor were primarily male, but after 1996 they became mostly female. Figure 4B shows that the risk of becoming working poor increases for both men and women between 1991 and 2006. Women saw the greatest increase in risk before 1999, and since then they have had a relatively constant risk. Male risk of becoming working poor fluctuated to a minimum in 2000 and then increased in the next

few years.

Figure 6B: Risk of Becoming Working Poor by Race Family Type: Figure 5A shows that the percent working poor This study uses a relative poverty threshold (Equation 2), made up by couples decreased, while the percent of singles which uses half of median income as a base and the same increased for every group. The percent of couples with children equivalence scaling factors from the absolute poverty measure. decreased dramatically before 1998, while the percent of single The median income has increased at a rate slightly greater than women with children increased. The risk of becoming working the rate of inflation. Although the relative threshold was similar to poor, seen in figure 5B, is highest for single women with children the absolute in the 1960s, by 2006 it has grown to be almost and second highest for single men with children. The risk twice as high. increased for all single groups, especially for single women, but