Overview

For families in the United States with children ages five and under—whether in married- or single-parent homes—mothers have been essential to bolstering economic security. Mothers’ increased working hours helped stabilize and boost family income. In the face of decreasing economic security, though, these large increases in hours worked by mothers, especially in households with young children who require physical and emotional care and nurturing, comes at a price: time.

As more mothers spend their days outside of the home trying to deliver much-needed financial stability, we need to understand the consequences of their work. As Heather Boushey documents in her book, “Finding Time: The Economics of Work-Life Conflict,” families now rely on those added hours and earnings of women. But for different types of families the transformations in the women’s role at home and at work mean different things. Especially for families with an infant or pre-school aged child, the challenges of how to address work-life conflicts can be acute. Without sufficient social infrastructure to help while parents are at work—such as paid family leave, paid sick days, flextime, predictable schedules, childcare, or universal high-quality prekindergarten programs—families are increasingly struggling to balance economic security with caregiving at home.

This issue brief builds on the findings from “Finding Time” and explores how women’s increased hours of work and higher earnings have affected the incomes for families with young children. We unpack the role that women have played in helping stabilize family incomes across married-parents and single-parents with children age five or younger. Our findings are telling:

• Across the board, married-parent families with young children have higher incomes than single-parent families, although between 1979 and 2013 both married- and single-parent families increased their incomes at similar low rates.

• While in both 1979 and 2013 women from married-parent families worked more
hours than single-mothers with young children, both groups of women saw similar and significant increases in their hours of work across all income groups.

- The rise in women’s hours have been important for trends in family income. Between 1979 and 2013, in both married- and single-parent families, women’s earnings from higher wages and added hours have been positive across all income groups. In fact, for families with young children, women’s earnings from more working hours in particular was substantially large.

The changing role of women and the composition of families

Over the past four decades in United States, the composition of families with children has changed markedly. Most importantly, there is an increase in diversity of family types. There is no longer a dominant “typical” family, especially not one with a breadwinning father, a care-taking mother, and their dependent children. Instead, there is a wide array of family types. Our definition of who comprises a family now—more than ever before—has expanded to include singles living alone, biologically unrelated individuals, or even a boarder who joins in on family dinner and helps out with homework.

Trends in marriage and fertility have both contributed to greater family complexity. Marriage (if it happens at all) happens later in life, and the median age of first marriage is now 29 for men and 27 for women—higher than at any point since the 1950s. And, of course, same sex marriage is now legal across the nation. At the same time, many women are delaying childbearing and the typical woman has her first child now at age 26. Further, children are increasingly being born into families with unmarried parents; in 2014, 40.3 percent of all births in 2014 were to an unmarried mother. What this means is that there is more complexity of family types.

A second set of changes is who works and what this looks like across the income spectrum. While it used to be that most children were raised in married-couple families, they at the top or the bottom of the income ladder. Now, however, while families at the top continue to raise children inside marriage—typically with both parents holding down a fairly high-paying job—children in families at the bottom of the income distribution—and now many in the middle—are living with a single, working parent, most often a mother. (See Figure 1.)
While families have become more complex, incomes have become more unequal. Faced with greater economic insecurity, families had to find ways to cope. One strategy was for women to increase their engagement with the economy. Initially, the “American wife” with school-age children migrated to the workforce, and soon after those with even younger children joined in. As women became more integrated into the workforce, they eventually became their families’ breadwinners, with two-thirds now either the main breadwinner or sharing that responsibility with their husband.

Using data from the Current Population Survey, we chronicle how family incomes changed between 1979 and 2013 for low-income, middle-class, and professional families by family type. Specifically, we decompose these changes over time into differences in male earnings, female earnings from higher wages, female earnings from more hours worked, and other sources of income, which include Social Security and pensions. (See Box.)

### Defining income groups and family types

The analysis in this issue brief follows the same methodology presented in “Finding Time.” For ease of composition, we use the term “family” throughout the brief even though the analysis is done at the household level. We split households in our sample into three income groups:

- **Low-income households** are those in the bottom third of the income distribution, earning less than $25,440 per year in 2015 dollars.
• Professional households are those in the top fifth of the income distribution who have at least one household member with a college degree or higher; these households have an income of $71,158 or higher in 2015 dollars.

• Everyone else falls in the middle-class category.

In this issue brief, we also refer to two different family types who have “young” (age five or less) children:

• Married-parent families: The parents are married and at least one own young child is present in the household. (Unfortunately, at this time, the data limit our analysis heterosexual couples only.) Within these households, other, older children or adults, related or not and including adult-age children may be present and may contribute to the family’s income. Most families in this category, however, have two parents and their children alone.

• Single-parent families: Either the mother alone or the father alone and at least one young child is present within the household. Within the household, there are no other adults related or unrelated adults who have earnings from a job or income from other sources.

Our sample only includes working-age families, where at least one person in the household is between the ages of 16 and 64.

In the United States, only 19.1 percent of families have a child under age six. Table 1 shows the distribution of married parent and single-parent families across the income spectrum with and without one or more young children at home. Due to small sample sizes for certain groups, we were unable to conduct our analysis for a variety of family types, but we can break down the shares of different types of families by income group. For the purposes of this analysis, we select households where both parents are married from the “both parents only” and “both parents living with other adults” categories to get our “married-parent” families. For our “single-parent” families, we select households from the “single-parent” category. These are bolded in Table 1.

| TABLE 1 Distribution of family types with young children across income groups, 2013 |
|---------------------------------|-----------------|-------------|-------------|
| With a child under age 6 in the home: | Low-income | Middle-class | Professional |
| Single-parent | 13.5% | 3.5% | 1.1% |
| Single-parent only* | 10.0% | 1.7% | 0.6% |
| Single-parents living with other adults | 3.5% | 1.8% | 0.5% |
| Married-parent* | 6.0% | 9.3% | 10.7% |
### Table 2

**Distribution of income groups across family types with young children, 2013**

<table>
<thead>
<tr>
<th></th>
<th>Low-income</th>
<th>Middle-class</th>
<th>Professional</th>
</tr>
</thead>
<tbody>
<tr>
<td>Married-parent families (with and without other working adults)</td>
<td>20.1%</td>
<td>64.9%</td>
<td>15.1%</td>
</tr>
<tr>
<td>Single-parent families (without other working adults)</td>
<td>50.2%</td>
<td>45.5%</td>
<td>*</td>
</tr>
</tbody>
</table>


Note: Analysis done at the household level. Sample includes households with at least one person between the ages of 16 and 64. Individuals with zero or missing personal income dropped from sample. Tabulations may not add to 100 percent due to rounding.

* Given small sample sizes, we exclude single-parent professional families with young children from the analysis.

## Setting some context

Before turning to the decomposition analysis, let’s first set some broad context for how family incomes and women's hours changed between 1979 and 2013 for low-income, middle-class, and professional families with young children.

**How did income change between 1979 and 2013 for families with young children?**

Between 1979 and 2013, while married-parent families had higher family income than single-parent families with young children, both types of families saw similar rates of growth in their income. (See Figure 2.)
Low-income families

Figure 2 shows that between 1979 and 2013, low-income families with young children—both married and unmarried—saw a slight rise in their incomes. Married-parent families with young children earned substantially more than single-parent families. In 1979, low-income married-parent homes, on average, brought in $32,965 annually compared to the $22,443 earned by single-parent families with children age five and under. By 2013, these disparities still persisted, with married-parent families earning $36,606 and single-parent families earning $21,848 annually.

The gap in average annual income between married-parent and single-parent family types can be often—but not always—explained by simple addition: Married-couples, now more than ever before, often have two sources of income. Although low-income single-parent families had a smaller annual income, on average, than married-parent families, between 1979 and 2013, both their incomes grew at relatively small rates (1.9 percent and 11.0 percent, respectively). These rates of income growth for families with young children indicate that income stalled.

Middle-class families

Figure 2 also shows that for middle-class families with young children, income rose between 1979 and 2013. As was the case for families across the low-income group, middle-class married-parent families with young children earned more, on average, in 1979 and 2013 than single-parent families. Yet, despite earning more, married-parent families’ income had similar rates of growth to single-parent families’ between 1979 and
2013, both married- and single-parent families with children age five and under grew their incomes by 26.4 percent and 29.0 percent, respectively.

**Professional families**

Across the board, Figure 2 also shows that between 1979 and 2013, professional families with young children have seen their incomes soar, and married-families with young children, in particular, have seen outstanding gains. In 1979, professional married couple families with young children earned, on average, $143,099. By 2013, their average annual income had grown by 65.2 percent to $236,400. The gap between married-parent professional families’ income and low-income and middle-class families’ income has widened markedly over the past four decades.

How did women’s working hours change between 1979 and 2013 for families with young children?

Taking a look at the hours that women from different families and income groups work gives us some insight into why families with young children increased their incomes between 1979 and 2013. Across the board, over the past four decades, women from married-parent and single-parent families grew their hours of work markedly. (See Figure 3.)

**FIGURE 3**

**Women from married- and single-parent families with children increased their hours**

Between 1979 and 2013, women from both married- and single-parent families with young children increased their hours of work at similar rates, though women from married-parent families working more hours on average than women from single-parent families across the board.*

![Graph showing hours worked by income group](image)


**Low-income families**

Figure 3 shows that in 1979, mothers of young children (and other working women) in married-couple families worked 590 hours annually (about 11.4 hours per week) and single-mothers worked 394 hours (7.6 hours per week). By 2013, women from both
low-income married- and single-parent families with young children had grown their annual hours of work by 67.0 percent and 89.8 percent to 937 hours (18.0 hours per week) and 747 hours (14.4 hours per week), respectively.

**Middle-class families**
Just like women from low-income families, Figure 3 shows that women from middle-class families with young children greatly increased their hours at work between 1979 and 2013. In 1979, women from middle-class married-parent and single-parent families with children age five and under worked an annual average of 965 hours (or 18.6 hours per week) and 343 hours (6.6 hours per week), respectively. In 2013, women from married-parent families with young children had increased their hours of work by 58.1 percent to 1,525 hours annually (29.3 hours weekly), and mothers in middle-class single-parent families had more than doubled their hours (an increase of 114.5 percent) to 736 (14.2 hours weekly).

**Professional families**
Again, like we noted for other income groups, for professional families, women from homes with children age five and under had large increases in their hours of employment. Figure 3 shows that among professional families in 1979, women in married-couple families worked an annual average of 1,072 hours (20.6 hours per week), growing their hours by 67.0 percent to 1,791 annually (34.4 hours weekly) by 2013.

Though mothers (and other women) in professional married-couple families work more hours than middle-class and low-income, the rates of increase are relatively comparable across the board, corroborating the narrative that more and more women with young children have joined the workforce.

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**Decomposing the changes in income for families with young children**

In Figure 2, we saw that between 1979 and 2013, across the board, married-parent families have higher incomes but similar rates of increase in income to single-parent families with young children. Figure 3 highlights that women from families with young children have been working more hours and perhaps have seen some of the largest increases in their hours at work.

Given these broad trends, a natural question arises about how the large increases in women’s hours relate to the large increases in family income for these families with young children. To unpack this correlation, we decompose the changes in families’ average household income between 1979 and 2013 into male earnings, female earnings, and income from other non-employment-related sources, which include Social Security and pensions and other sources.

Specifically, we divide female earnings into two parts: the portion due to women working more hours per year and that due to women earning more per hour. To calculate
female earnings stemming directly from the additional hours worked, we take the difference between the 2013 female earnings and the hypothetical earnings of women if they earned 2013 hourly wages but worked the same hours as women did in 1979. (For more on how we did this calculation, please see our Methodology.) We find that within families with young children across the income ladder, the added hours of mothers have near single-handedly been a large and positive factor for income growth for low-income and middle-class families while women’s earnings overall have outweighed men’s positive earnings at the top. (See Figure 4.)

**Figure 4**

*Women’s increased working hours have grown income in families with young children*

Between 1979 and 2013, across the income ladder, the added hours of mothers have near single-handedly been a large and positive factor in income growth for low-income and middle-class families with children ages five and under. And women’s overall earnings has outweighed men’s positive earnings at the top.*

<table>
<thead>
<tr>
<th></th>
<th>Female earnings due to higher pay</th>
<th>Female earnings due to working more hours</th>
<th>Male earnings</th>
<th>Other income</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Low-income families</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Married parents</td>
<td>$1,013</td>
<td>$3,541</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Single parents</td>
<td>$224</td>
<td>$4,114</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:** Married-parent families: Families where both the mother and father live with their child, age 5 and under (and other children), and are married. These families may have other related or unrelated adults present who contribute to the family’s income, too. Single-parent families: Families where either a mother or father live with their child, age 5 and under (and other children), and no other related or unrelated adults who have earnings from a job or income from other sources.

Source: Authors’ analysis of the CPS Public Use Microdata Sample, 1967-2014 (1979 to 2013 calendar years). All differences in household income are presented in 2013 dollars, using the U.S. Bureau of Labor Statistics Consumer Price Index Research Series and the authors’ imputations to adjust for inflation. Please see the Methodology for more information.

*Note:* Analysis done at the household level. Sample includes households with at least one person ages 16 to 64. Individuals with zero or missing personal income dropped from sample. Single-parent families have been excluded due to small sample sizes in the professional income group.

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Low-income families

Figure 4 shows that for low-income families with young children, both women’s earnings from more hours and from higher wages protected against falling family incomes between 1979 and 2013. For married- and single-parent families with children five and under, men’s earnings pulled income down at varying degrees. Men in married-parent families and fathers in single-parent families lost $1,748 and $1,938 in earnings between 1979 and 2013, respectively.

In contrast, women’s added hours and higher pay boosted incomes in both low-income family groups. For low-income married-parent families with young children, women’s higher wages increased family incomes by an average of $1,013 while women’s added hours grew family income by an average of $3,541. Single-parent families saw similar substantial gains in mother’s economic contributions: Between 1979 and 2013, women’s higher wages contributed $224 to earnings and added hours boosted incomes by $4,114.

The changes in “other income” are also of interest. For low-income married-parent families, other income grew by $860, but for single-parent families, other income decreased by $1,997. For single-parent families, this decrease in reliance on other sources of income—which could include federal transfers such as supplemental nutrition assistance and Temporary Assistance for Needy Families as well as Social Security benefits—indicates that these policies may not be adequately supportive or sensitive to the needs of parenting alone.

Middle-class families

Across the board, middle-class families, like low-income families, saw positive increases in their income largely due to the contributions of women and their increased labor force participation. Figure 4 shows that for both middle-class married- and single-parent families of young children, male earnings made a relatively small, positive addition of $1,205 and $3,706, respectively.

Women’s earnings, in contrast, were positive and large. Women’s earnings from higher wages added $6,041 and $2,768 for married-parent and single-parent families, respectively. The additions due to women’s added hours at work were more impressive, as women from married- and single-parent homes secured an additional $11,380 and $11,482, respectively.

Other income across the the two middle-class family types with also helped increase income.

Professional families

As we saw in Figures 2 and 3, not only do mothers in professional married-parent families with young children work the longest hours but also their family incomes have also grown considerably. These changes are well-captured when we decompose family income, where we find that both women’s added earnings from higher wages and hours
are important. At the same time, we see that men have made near-equal contributions to their families’ income growth, as well.

Figure 4 shows that between 1979 and 2013, men in professional married-parent families with young children added $39,540 to family income. Despite the immense boost from male earnings, female earnings added the most to family income—a total of $52,738, which breaks down into $21,965 from higher wages and $30,773 from more hours worked.

Conclusion

Our findings tell us that working mothers with children ages five and under are indispensable to their families’ bottom line. So what does that mean for the other indispensable role played by mothers—as caregivers? Policymakers need to consider how a full panoply of policies, such as universal high-quality childcare and prekindergarten programs, paid family and medical leave, and flexible scheduling at work can help them balance the lives of these mothers as productive members of our workforce and caregivers.

It’s not enough just to have these policies in place, though. How we address the time-squeeze on U.S. families must be sensitive to the changing definitions of what it means to be a family in the United States and what that tangibly means for the way in which they give care.


Acknowledgements

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Methodology

The methodology used for this issue brief is identical to that detailed in the Appendix to Heather Boushey’s “Finding Time: The Economics of Work-Life Conflict.”

In this issue brief, we use the Center for Economic and Policy Research extracts of the Current Population Survey Annual Social and Economic Supplement for survey years 1980 and 2014 (calendar years 1979 and 2013). The CPS provides data on income, earnings from employment, hours, and educational attainment. All dollar
values are reported in 2015 dollars, adjusted for inflation using the Consumer Price Index Research Series available from the U.S. Bureau of Labor Statistics. Because the Consumer Price Index Research Series only includes indices through 2014, we used the rate of increase between 2014 and 2015 in the Consumer Price Index for all urban consumers from the Bureau of Labor Statistics to scale up the Research Series’ 2014 index value to a reasonable 2015 index estimate. We then used this 2015 index value to adjust all results presented.

For ease of composition, throughout this brief we use the term “family,” even though the analysis is done at the household level. According to the U.S. Census Bureau, in 2014, two-thirds of households were made up of families, defined as at least one person related to the head of household by birth, marriage, or adoption.12

We divide our sample into three income groups—low-income, middle-class, and professional households—using the definitions outlined in “Finding Time.” For calendar year 2013, the last year for which we have data at the time of this analysis, we categorized the income groups as follows:

- Low-income households are those in the bottom third of the size-adjusted household income distribution. These households had an income of below $25,440 (as compared to $25,242 and below for 2012). In 1979, 28.3 percent of all households were low-income, increasing to 29.7 percent in 2013. These percentages are slightly lower than one third because the cut-off for low-income households is based on household income data that includes persons of all ages, while our analysis is limited to households with at least one person between the ages of 16 and 64. The working-age population (16 to 64) typically has higher incomes than older workers, and as a result, the working-age population has somewhat fewer households that fall into this low-income category.

- Professionals are those households that are in the top quintile of the size-adjusted household income distribution and have at least one member who holds a college degree or higher. In 2013, professional households had an income of $71,158 or higher (as compared to $70,643 or higher in 2012). In 1979, 10.2 percent of households were considered professional, and by 2013, this share had grown to 16.8 percent.

- Everyone else falls in the middle-class category. For this group, the household income ranges from $25,440 to $71,158 in 2013 (as compared to $25,242 to $70,643 in 2012); the upper threshold, however, may be higher for those households without a college graduate but with a member who has an extremely high-paying job. This explains why within the middle-income group, the share of households exceeds 50 percent: The share of middle-income households declined from 62 percent in 1979 to 53.4 percent in 2013.

Note that all cut-offs above are displayed in 2015 dollars, using the inflation adjustment method presented earlier.
In our analysis, we limit the universe to persons with non-missing, positive income of any type. This means that even if a person does not have earnings from some form of employment but does receive income from Social Security, pensions, or any other source recorded by the CPS, they are included in our analysis.

These data are decomposed into income changes between 1979 and 2013 for low-income, middle-class, and professional families. The actual household income decomposition uses a simple shift-share analysis to find the differences in earnings between 1979 and 2013 and calculate the extra earnings due to increased hours worked by women.

To do this, we first calculate the male, female, and other earnings by the three income categories. To calculate the sex-specific earnings per household, we sum the income from wages and income from self-employment for men and women, respectively. The amount for other earnings is derived by subtracting the male and female earnings from total household earnings. We average the household, male, female, and other earnings by each income group for 1979 and 2013, and take the differences between the two years to show the raw changes in earnings by each income group.

To find the change in hours, for each year by household, we sum the total hours worked by men and women. We average these per-household male and female hours, by year, for each of the three income groups.

Finally, we calculate the counterfactual earnings of women. We use the 2013 earnings per hour for women and multiply it by the 1979 hours worked by women. Finally, we subtract this counterfactual earnings from the female earnings in 2013, arriving at the female earnings due to additional hours.

We repeated this analysis for families of different family types that had children age five and below (young children). The first family type we analyze was married-parent families—households that have both a mother and father who are married and their own young child. These married-parent households may also include older children or adults, both related and unrelated, including adult children, some of whom may be earning and contributing to household income.

The second family type we observed was single-parent families—households where either a mother and her own young child or a father and his young child is present. This family type excludes other adults if they are contributing personal income of any type to household income. Because of small household sample sizes, single-parent families were excluded from the analysis of professional families. While these family type categories do dissect some of the nuance in family structures, we acknowledge that they are oversimplifications of complex family inter-relationships and that they do not capture the diversity of family types that exist today. However, breaking the categories down smaller does not give us enough of a sample size for our analysis.
One important point to note is that because of the nature of this shift-share analysis, the averages don’t exactly tally up to the raw data. Therefore, when presenting average income, we use the sum of the decomposed parts of income. While economists typically show median income, for ease of composition and the constraints of the decomposition analysis, we show the averages so that the data are consistent across figures. Another important note is that we make no adjustments for changes over time in topcoding of income, which likely has the effect of exaggerating the increase in professional families’ income relative to the other two income groups.

Endnotes


7  Arvonne S. Fraser, “The changing American family: dramatic changes in the share of U.S. families have left us with old policies in a world of new realities” (Context Institute, In Context, 1989), http://www.context.org/iclib/ic21/fraser/.


11  This follows the method used in Heather Boushey, Finding Time.

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Accelerate cutting-edge analysis into whether and how structural changes in the U.S. economy, particularly related to economic inequality, affect economic growth.