

**REVIEW OF THE ARIZONA
CHILD SUPPORT SCHEDULE**

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Supreme Court
State of Arizona
Administrative Office of the Courts
1501 West Washington
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Chapter I

Introduction

This report has been prepared by Policy Studies Inc. (PSI) to assist Arizona with its quadrennial review of its child support guidelines. The Family Support Act of 1988 [P.L. 100-485] requires states to review their guidelines every four years. Federal regulations [45 CFR 302.56] specify that the review must include an assessment of the most recent economic data on child-rearing costs and a review of case data to ensure that deviations from guidelines are limited. This report addresses the core of the guidelines, the Schedule of Basic Child Support Obligations.

This report provides an assessment of the most current economic estimates of child-rearing costs. The estimates of child-rearing costs that form the foundation of the existing Arizona Schedule have not been updated. Nonetheless, the Schedule is updated for changes in the price level along with changes in federal and state personal tax and FICA schedules that have occurred since the guidelines were last reviewed in 1995. The update also considers changes in the federal poverty guidelines used for the Self Support Reserve Test in the worksheet.

Because of relatively low inflation and small changes in personal taxes since the guidelines were last reviewed, however, there are minor differences between the existing and updated Schedules. The only substantial difference involves support amounts for low-income noncustodial parents. An updated self support reserve will significantly reduce support amounts for low incomes.

Basis of Existing Guidelines

The existing Arizona Child Support Guidelines are based on the Income Shares model, which was developed under the Child Support Guidelines Project funded by the U.S. Office of Child Support Enforcement and administered by the National Center for State Courts. The Income Shares model has been described as follows:

The Income Shares model is based on the concept that the child should receive the same proportion of parental income that he or she would have received if the parents lived together. In an intact household, the income of both parents is generally pooled and spent for the benefit of all household members, including any children. A child's portion of such expenditures includes spending for goods used only by the child, such as clothing, and also a share of goods used in common by the family, such as housing, food, household furnishings, and recreation.¹

¹

Because household spending on behalf of children is commingled with spending on behalf of adults for the largest expenditure categories (i.e., food, housing, and transportation), the proportion allocated to children cannot be directly observed even if the specific spending patterns are examined. This commingling of household expenditures is the most important reason that equitable child support awards are so difficult to set on a case-by-case basis.

Since the child's share of household consumption cannot be directly observed, it must be estimated based on the best available economic evidence on child-rearing expenditures. This evidence provides estimates of expenditures on children as proportions of parental income levels across a broad spectrum of family incomes.

When the Arizona Child Support Guidelines were first drafted in 1987, the State implemented the national Income Shares model recommended by the Child Support Guidelines Project. Like most Income Shares states at this time, Arizona based its Schedule on economic estimates of child-rearing expenditures as a proportion of household consumption developed by Dr. Thomas Espenshade. The Espenshade estimates, which are published in *Investing in Children* (Urban Institute Press: Washington, D.C., 1984), were derived from national data on household expenditures from the 1972-73 Consumer Expenditure Survey conducted by the U.S. Bureau of Labor Statistics. They were the most current and most reliable economic estimates at the time.

Dr. Betson's Estimates of Child-Rearing Costs

Subsequently, the Arizona Schedule was updated to include new economic estimates of child-rearing costs as part of its 1995 guidelines review. Dr. David Betson of the University of Notre Dame, through the University of Wisconsin Institute for Research on Poverty, conducted an updated study of child-rearing costs. His study fulfilled a requirement of The Family Support Act of 1988 [P.L. 100-485, 128] mandating that the U.S. Department of Health and Human Services "...conduct a study of the patterns of expenditures on children in 2-parent families, in single-parent families following divorce or separation, and in single-parent families in which the parents were never married... ." For his research, Dr. Betson used data from the national 1980-86 Consumer Expenditure Survey. His updated estimates were published in one report and further analyzed in another.² Dr. Betson developed new estimates using five different estimating models, with detailed national data on household expenditures drawn from the Consumer Expenditure Survey.

² David M. Betson, *Alternative Estimates of the Cost of Children from the 1980-86 Consumer Expenditure Survey*, Report to U.S. Department of Health and Human Services (Office of the Assistant Secretary for Planning and Evaluation), University of Wisconsin Institute for Research on Poverty (September 1990); Lewin/ICF, *Estimates of Expenditures on Children and Child Support Guidelines*, Report to U.S. Department of Health and Human Services (Office of the Assistant Secretary for Planning and Evaluation), Lewin/ICF (October 1990).

Of the models used by Dr. Betson for estimating child-rearing expenditures, the "Rothbarth estimator" seems to have the most economic validity and plausibility. As a result, Arizona and most states that have updated their schedules in the past five years now rely on the Betson-Rothbarth estimates. Betson's study has not been updated. Therefore, most states currently relying on the Betson-Rothbarth estimates are updating their schedules for changes in the price level, personal taxes and the poverty level since the guidelines were last reviewed, but are not using new economic estimates.

Updating the Arizona Schedule

Dr. Betson's research provides estimates of the proportion of household *consumption* expenditures ascribed to children. Using the same data set from which he derived estimates of these parameters, we assisted Arizona with the development of its Schedule in 1995.³

- ❖ Specifically, with assistance from Dr. Betson, the estimates of child-rearing costs were converted to current price levels.
- ❖ Then, estimates of the proportion of household *net* income spent on children across a broad income spectrum were developed.
- ❖ We also deducted average expenditures on child care, estimated health insurance, and estimated children's extraordinary medical expenses from these proportions. (In the Income Shares model, these child-rearing costs are added to the basic child support calculation as actually incurred.)
- ❖ The existing Schedule was finally developed by converting it from net income to gross income using withholding tables for a single obligor.

This report uses the same technique to update the Schedule only 1999 price levels and tax rates will be used rather 1995 levels.

Report Organization

In Chapter II, we discuss the Betson-Rothbarth estimates and assess other estimates of child-rearing costs.

In Chapter III, we describe the steps involved in developing the updated Schedule based on changes in the price level and personal tax rates. In this Chapter, we also discuss

³ Robert G. Williams, David A. Price, and Jane C. Venohr, *Economic Basis for Updated Child Support Schedule: State of Arizona*, Report to the Arizona Administrative Office of the Courts, Policy Studies, Inc., Denver, Colorado (June 1995).

updating the self support reserve. Further detail is provided in Appendix I, Technical Computations.

In Chapter IV, we summarize the key assumptions implicit in the development of the updated Schedule that are likely to have the most impact on how the tables are used.

In Chapter V, we compare the existing Schedule to the updated Schedule.

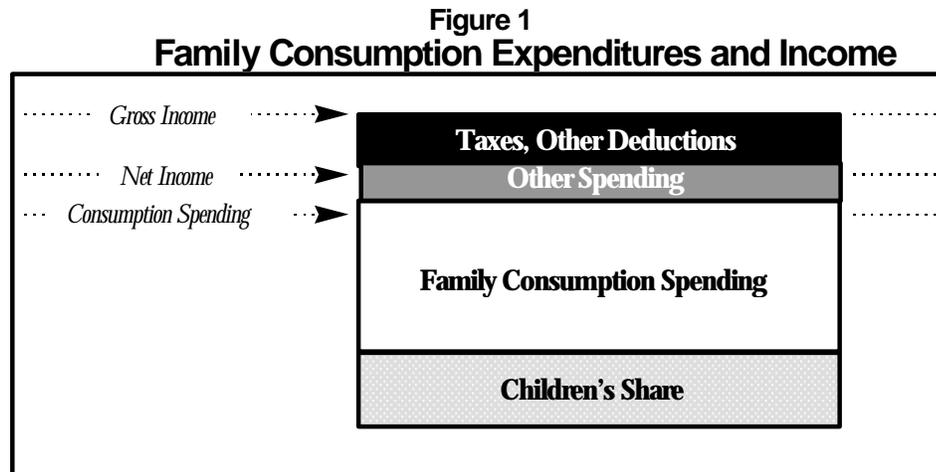
In Chapter VI, we present a brief summary and conclusions.

Because the same technique is used to develop the existing Schedule as the updated Schedule, this report's repeats much of PSI's 1995 report to the Arizona Administrative Office of the Courts.

Chapter II

New Economic Data on Child-Rearing Costs

As previously discussed in PSI's 1995 report to the Arizona Administrative Office of the Courts, economic estimates of the costs of child rearing are the foundation of guidelines schedules. Child-rearing costs are estimated as a proportion of total family spending on consumption. By relating a family's consumption expenditures to total income, we can then derive estimates of spending on children as a proportion of net or gross family income. The relationship between consumption spending on children to total household consumption spending, and thus to net and gross family income, is depicted in Figure 1.



GENERAL ECONOMIC APPROACH TO MEASURING CHILD-REARING COSTS

Most household spending on children cannot be directly observed. Parents can separately track, and account for, spending on such categories as children's clothing, educational expenses, and child care. However, for those expenditure categories accounting for the bulk of child-related costs, spending on children is inextricably intertwined with spending on adults. These categories of pooled family expenditures include food, housing, utilities, home furnishings, transportation, most recreation, and most health insurance. To determine how much of the household budget is spent on children, it is necessary to devise and apply an estimation methodology that indirectly calculates the children's share.

Several economic methodologies have been developed to produce such estimates. Most attempt to estimate the marginal, or extra, costs of child rearing relative to expenditures in the absence of any children. They do so by comparing expenditures between two households that are equally well off economically, one with children and one without. The additional expenditures by the household with children are deemed to be the costs of child rearing.

An example, shown below, illustrates this method. In this example, the households are both assumed to have two adults and are considered to be equally well off. Family A has no children, while Family B has two children:

	Family A	Family B	
Number of Children	0	2	
Income	\$18,000	\$30,000	
Children's Additional Cost		\$12,000	
Children's Share of Total		\$12,000 / \$30,000 = 40%	

In this example, Family B must spend \$12,000 more to be as well off as Family A. That \$12,000 can be considered as the marginal cost of the children. Since \$12,000 is 40 percent of \$30,000, we would estimate the total cost of the two children to be 40 percent of parental income at this level of earnings. The methodology can also be applied to compare expenditures by equally well off households with varying numbers of children. This yields estimates of additional costs of a second and third child, for example.

In order to estimate the children's share of expenditures in this manner, it is necessary to construct a standard of well-being that is independent of income. Only with such a standard can we consider two families to be equally well off, one with children and one without, even though they have different incomes. Several such standards of well-being have emerged from the economic literature on child-rearing costs.

Rothbarth Estimator

The Rothbarth estimator, which was mentioned in the introduction, uses the proportion of family expenditures on luxury goods as a standard of well-being. As stated by Lewin/ICF, economist Erwin Rothbarth "... argued that the best way to measure expenditures on children is to assess children's impact on their parents' consumption."⁴ Rothbarth assumed that well-being should be determined by comparing the levels of "excess income" available once necessary expenditures on all family members have been made, with excess income defined to include luxuries (alcohol, tobacco, entertainment, and sweets) and savings.

Studies which have used the Rothbarth methodology to estimate child-rearing costs — including Dr. Betson's — have limited the definition of excess income to those goods which are assumed to be used only by adults, usually adult clothing, alcohol, and tobacco. In fact, Dr. Betson tested the sensitivity of his estimates to several alternative definitions of "adult goods:" adult clothing alone, and adult clothing plus tobacco and alcohol. He found there was little variation in results with these changes in definition. This finding suggests that his estimates have not been significantly compromised by any data inadequacies in the measurement of spending for tobacco and alcohol.

Dr. Betson used this standard of well-being (i.e., household expenditures on adult clothing, tobacco, and alcohol) as well as others to compare spending by families with and without children, who were equally well off. He then derived estimates of spending for two children compared with one, and three children compared with two. His estimates of the average proportion of consumption expenditures allocated to children are 25 percent for one child, 35 percent for two, and 39 percent for three. These Rothbarth estimates form the basis of the existing Arizona Child Support as well as the base of 15 other states' Schedules.

Other Estimators

In addition to the Rothbarth estimator, other estimators of child-rearing costs have been considered in child support schedules. The Engel estimator was used in 1984 by Espenshade and in 1990 by Betson to develop estimates of child-rearing costs. As discussed in the previous section, Espenshade's estimates form the basis of several states' child support schedules, particularly those that were initially adopted in the 1980s and have not been updated. Arizona used Espenshade's estimate when they first adopted child support guidelines. The United States Department of Agriculture estimates are also frequently considered in guidelines reviews, but have only been incorporated into child support schedules of a few states. In addition to the Rothbarth and Engel estimators, Betson also used three other methods to estimate child-rearing costs.

⁴ *Estimates of Expenditures on Children.* p. 2-16.

Engel Estimator

One of the most commonly used estimator is the “Engel” estimator. Over a century ago, economist, Ernst Engel, found that as a family's income increases (holding family size constant), the percentage of the family's expenditures on food decrease, even though total spending increases. This means that a family's spending on food increases more slowly than income. Under this standard, total expenditures devoted to food are deemed to be a valid indicator of economic well-being. Thus, if two families of different size spend the same proportions of their incomes on food, they are deemed to be equally well off.

In addition to being used by Espenshade to estimate child-rearing costs in 1984, this methodology was used in the development of the U.S. poverty standard, the Bureau of Labor Statistics equivalency scale.⁵ In his research, Espenshade used 1972-73 Consumer Expenditure Survey data from the U.S. Bureau of Labor Statistics. Espenshade's Engel estimates of child-rearing expenditures were used in most of the Income Shares schedules adopted by states in the 1980s. At that time, Espenshade's estimates were the best, available estimates on child-rearing expenditures.

As part of his contract with the U.S. Department of Health and Human Services, Betson also developed Engel estimates based on the 1980-86 Consumer Expenditure Survey data when he developed the Rothbarth estimates. In an analysis of the various economic methods for measuring child-rearing expenditures including Betson's estimates, Lewin/ICF find that the Betson-Engel estimates are greater than the Espenshade-Engel estimates based on 1972-73 data.⁶ Specifically, the Betson-Engel estimates found that families allocate 33 percent of their consumption to one child, 49 percent to two children and 59 percent to three children. The Espenshade-Engel estimates found that families allocate 24 percent of their consumption to one child, 41 percent to two children and 51 percent to three children. Lewin/ICF could not discern whether the difference results from changes in child-rearing expenditures over time or differences in the procedures used by Drs. Betson and Espenshade.

U.S. Department of Agriculture Estimates

The U.S. Department of Agriculture's Center for Nutrition Policy and Promotion (CNPP) develops economic estimates for the major categories of child-rearing expenditures (i.e., housing, food, transportation, clothing, health care, child care and education and miscellaneous child-rearing expenditures). CNPP's most recently published figures are

⁵ Thomas J. Espenshade, *Investing in Children: New Estimates of Parental Expenditures* (Washington, D.C.: Urban Institute Press, 1984).

⁶ Lewin/ICF, *Estimates of Expenditures on Children and Child Support Guidelines* (Chapter IV: The Empirical Literature on Expenditures on Children).

based on data from the 1990-92 Consumer Expenditure Survey (CEX), updated to 1998 dollar levels using the Consumer Price Index (CPI).⁷ The appeal of the CNPP data is that it provides estimates by expenditure category. Furthermore, it controls for regional differences and age of the child. Yet, unlike the Rothbarth and Betson estimators, it does not measure the marginal cost of children to a household; that is, how much more a childless family would have to spend to maintain their current well-being if they did have children. Generally, the CNPP estimates are based on an average cost approach.

The CNPP estimates child-rearing expenditures for each category separately, then adds them together to arrive at a total amount of child-rearing expenditures. How expenditures are measured for each category varies. Nonetheless, CNPP limits their analysis to CEX families with children. The Rothbarth and Engel methods examine childless families and families with children. Expenditures of childless families provide a baseline to estimate what is the marginal (i.e. extra) cost of children.

The CNPP first apportions housing, transportation, clothing services (e.g., dry cleaning) and miscellaneous other expenses among all members of the household on a simple per capita basis. For example, in a household with two parents and two children, the total housing costs would be equally divided among all four family members. Assuming the baseline family consists of a husband and wife and two children, CNPP then uses multivariate analysis to adjust these estimates for one-child and three or more children families.

Food and health care expenditures are allocated among each family member using proportions derived from the National Food Consumption Survey conducted by the U.S. Department of Agriculture and the National Medical Care Utilization and Expenditure Survey conducted by the U.S. Department of Health and Human Services.

Expenditures on children's clothing, education, and child care, which are directly reported in the CEX, are divided equally among each child in CNPP's baseline family (i.e. the two children). Multivariate analysis is then used to adjust these estimates for one child and three or more children.

Based on this approach, CNPP estimates child-rearing expenditures for a range of gross incomes. The CNPP estimates are also presented as a proportion of total household expenditures; they average: 26 percent of household expenditures for one child; 42 percent of household expenditures for two children; and 48 percent of household expenditures for three children. These amounts are between the Betson-Engel and Betson-Rothbarth estimates.

Other Estimators Using Marginal Cost Approach

⁷ Mark Lino, *Expenditures on Children by Families: 1998 Annual Report* U.S. Department of Agriculture, Center for Nutrition Policy and Promotion. Miscellaneous Publication No. 1528-1998 (1999).

In addition to the Rothbarth and Engel estimates, Betson developed estimates using less common methods (e.g. alternative iso-prop estimators and the Barten-Gorman estimator). None of these estimators yielded reliable results.⁸ These estimates along with all of Betson's estimates are further explained and compared to estimates developed with earlier data and results from other researchers in the Lewin/ICF report.

CHOICE OF ESTIMATORS

Among economists, no consensus has emerged that any single estimator is better than another. All have their limitations and biases. As a result, the Lewin/ICF report issued by the U.S. Department of Health and Human Services does not express any opinion concerning the single best estimator of child-rearing costs. Rather, it states that the various estimates should be considered as expressing a range of results. Of the estimates derived, however, which include several other formulations, only the Rothbarth and Engel methodologies are without serious problems of empirical specification. The primary bias of the Engel methodology, according to the Lewin/ICF Report, is that it is theoretically most likely to overstate child-rearing expenditures. In contrast, the primary bias of the Rothbarth methodology is that it is likely to understate child-rearing expenditures.

From a theoretical point of view, the Rothbarth methodology seems to be at least as strong as the Engel methodology. Indeed, there seems to be growing support for the Rothbarth methodology among economists. Not only does Dr. Betson favor the Rothbarth estimates as the best single source of data on child-rearing expenditures, but the most recently published study using the earlier 1972-73 Consumer Expenditure Survey also relied on a Rothbarth type of methodology.

An additional consideration is that the Rothbarth estimates are approximately in the middle of the range of the estimates constructed by Betson using an array of different models. Of the various methodologies used by Betson to develop estimates of child-rearing costs using data from the 1980-86 Consumer Expenditure Survey (CEX), the Rothbarth approach seems to have yielded the most plausible results. In contrast, the Engel estimates based on this data set are lacking in plausibility, sometimes even exceeding per capita shares (a equal division of household costs between all family members). Thus, in our view, the sound theoretical basis of the Rothbarth methodology, in conjunction with the implausible results from the Engel methodology, renders the Rothbarth estimator to be the preferred choice for revision of the guidelines schedule based on the most current research on child-rearing costs.

The CNPP estimates are not deemed suitable because they rely on an average cost approach. The division of some expenditures between parents and children assumes a conclusion about the real allocation of those costs, which is particularly bothersome for

⁸Lewin/ICF, *Estimates of Expenditures on Children and Child Support Guidelines* (page 4-8).

setting child support awards. Child support is commonly understood to provide for the additional costs of children. It seems very unlikely that the costs of children would proportionately equal the adult's initial costs in those categories of expenditures. For purposes of child support, a marginal cost approach to estimating costs of child rearing is a more appropriate method.

OTHER ISSUES PERTAINING TO ESTIMATES OF CHILD-REARING COSTS

(1) Use of national data for state guidelines

Most state child support schedules using economic studies on child-rearing expenditures rely on estimates from national data. The specific source of the data is one of the periodic Consumer Expenditure Surveys conducted by the Bureau of Labor Statistics. These surveys are used because they are the most detailed available source of data on household expenditures. They track household expenditures and income through two components: (1) a diary of household spending; and (2) an interview survey. This produces in-depth information on household expenditures and income. The Consumer Expenditure Survey is conducted for a large sample of households. For Betson's research, for example, he was able to begin with data on a sample of more than 26,000 households. Even after excluding irrelevant groups (e.g., single individuals, widowed single parent households), he was left with an analysis sample of 8,519 observations for the research relating to child-rearing expenditures.

Data of this depth and quality are simply not available at the state level. Moreover, replication of the Consumer Expenditure Survey at the state level would be extremely costly. Because of the methods that must be used to estimate child-rearing costs, the absence of such data precludes the development of accurate estimates specific to a given state. This is why no state has attempted to develop such a data source and conduct its own research on child-rearing expenditures. Even if a state did so, however, there is no reason to expect that the results would differ significantly from national results. The findings from national research yield estimates of the proportion of parental expenditures allocated to children. There is no reason to believe that expenditure patterns of parents in say, Arizona, would be so different that the estimates of these proportions at the State level would vary much from the national estimates.

(2) Use of data from intact families to determine child support levels

The child-rearing expenditures discussed in this report are estimates from samples of two-parent households. This is appropriate since the Income Shares model (upon which the Arizona guidelines are based) seeks to apportion to the child the amount that the parents would have spent if the household were intact.

Since child support is required only when the household is not intact, some have argued that child-rearing expenditure data from single-parent families should be used as the basis for child support levels. Although such data have generally not been available in the past, Betson did formulate such estimates in his research. However, those estimates are based on much smaller sample sizes than the estimates for two-parent households.

Unfortunately, even if valid data exist on expenditure patterns in one-parent households, such data do not provide meaningful guidance for setting child support awards. In economic terms, the "costs" of child rearing are defined by what parents actually spend on their children, at least above a minimum (i.e., poverty) level. For a middle class child, for example, the only way of determining whether part of that child's costs should include a new bicycle, Nintendo game, or own bedroom is by observing how other parents at that same income level divide their income between their own needs and those of their children. All economic studies on child-rearing costs have found that parents spend more on children as they have more income available. The relevant question is, how much of that additional income do they spend on the children?

It is well known that single-parent households with children have less money to spend than intact families. Therefore, any study of such households will observe a lower level of spending on children overall than would be observed in two-parent households. The fact that single-parent households actually do spend less income on children than two-parent households does not mean that they should spend less if the other parent has the means to provide more child support.

A simple example will help to illustrate this point. Assume that two different single-parent households exist, each with two children, and each with income before child support of \$1,000 per month. Assume also, that in the absence of child support each of these households would spend \$600 per month on the two children. Finally, assume that the noncustodial parent in the first case had monthly income of \$5,000, while the noncustodial parent in the second case had monthly income of \$1,000. Clearly, the noncustodial parent in the first case should pay substantially more child support than the noncustodial parent in the second case. This reflects the greater ability to pay, and the fact that the children's standard of living would have been much higher if the first household were intact than if the second household were intact.

That spending on the children in the two single-parent households in this example was the same level (and much lower than it should be given the incomes of the noncustodial parents) has no relevance to the child support determination except as it reflects the custodial parent's ability to contribute. This demonstrates why it is appropriate to rely on child-rearing data from two-parent households rather than one-parent households for determination of child support obligations.

EXPENDITURES ON CHILDREN AS A PROPORTION OF NET INCOME

Our discussion has focused up to now on the proportion of consumption expenditures allocated to children. Of more interest is the estimated proportion of net income spent on children, which we have derived from Betson's findings on child-rearing expenditures. Using the same database he used for his earlier research, Betson for the purposes of the child support schedules estimated the proportion of net income spent on one, two, and three children in fourteen income categories (inflated to 1999 dollars from a 1983 constant dollar base).

As shown in Table 1 and depicted in Figure 2, the proportion of net income spent on children declines as income increases, although the level of spending (i.e. actual dollars) on children increases as income increases.

- ❖ For one child, spending is estimated to be approximately 26 percent for one child in the lowest income category, declining to 16 percent in the highest.
- ❖ For two children, spending is estimated to be 38 percent in the lowest income category, declining to 23 percent in the highest.
- ❖ For three children, spending is estimated to be 45 percent in the lowest income category, declining to 28 percent in the highest.

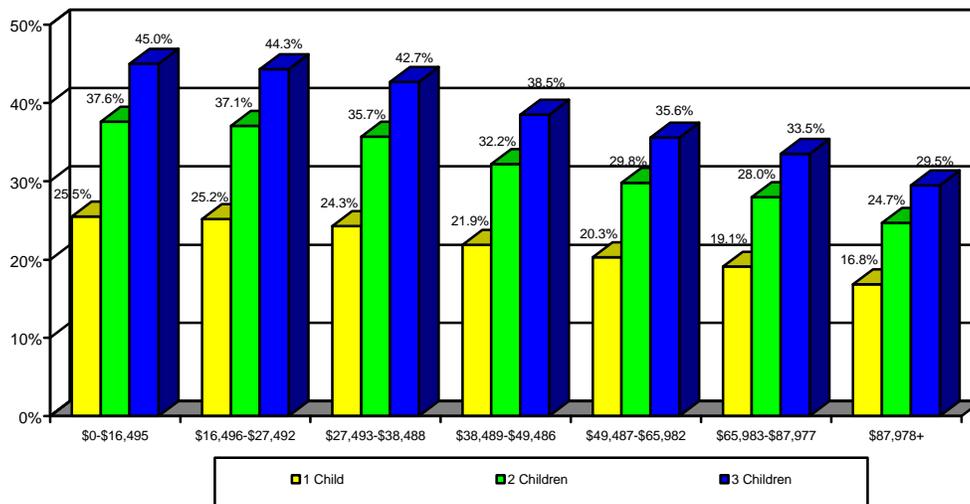
These proportions include average spending for child care and children's health care. As discussed in Chapter III, these amounts are deducted from the estimates prior to construction of a guidelines Schedule.

Like Espenshade's estimates and the CNPP estimates, Betson's Rothbarth estimates show consumption spending declining as a proportion of net income as income increases. Yet, Betson's estimates show those proportions declining more rapidly than the Espenshade estimates, with the result that expenditures on children as a proportion of net income are somewhat lower using the Rothbarth parameters than they are using the Espenshade parameters.

Table 1
PROPORTION OF NET INCOME SPENT ON CHILDREN
(based on Betson-Rothbarth Estimates)

U.S.A. NET ANNUAL INCOME (1999 DOLLARS)	PERCENT OF NET INCOME SPENT ON...		
	One Child	Two Children	Three Children
Less than \$ 10,997	25.64	37.82	45.26
\$ 10,998 < \$ 16,494	25.44	37.48	44.82
\$ 16,495 < \$ 21,993	25.28	37.20	44.47
\$ 21,994 < \$ 27,492	25.15	36.99	44.20
\$ 27,493 < \$ 32,990	25.05	36.83	44.00
\$ 32,991 < \$ 38,489	23.62	34.71	41.46
\$ 38,490 < \$ 43,988	22.67	33.31	39.78
\$ 43,989 < \$ 49,486	21.12	31.03	37.06
\$ 49,487 < \$ 54,985	20.95	30.80	36.74
\$ 54,986 < \$ 65,982	19.91	29.24	34.90
\$ 65,983 < \$ 76,980	19.41	28.47	33.99
\$ 76,981 < \$ 87,977	18.64	27.35	32.64
\$ 87,978 < \$ 98,974	17.75	26.03	31.05
\$98,975 < \$109,972	17.44	25.57	30.50
\$109,973 +	15.88	23.26	27.75

Figure 2
Proportion of Net Income Spent on Children



Chapter III

Developing a Support Schedule from Estimates of Child Expenditures

Estimating expenditures on children in intact households is only one step in developing a Schedule of Basic Child Support Obligations. The purpose of this chapter is to describe the additional procedures and assumptions used to move from child expenditures to a Schedule. A more technical discussion of the material in this chapter is presented in Appendix I.

There are two stages in the development of a Schedule of Basic Child Support Obligations that build upon the estimates of child-rearing expenditures. The first stage is the development of a table of support proportions that relates child expenditures in different household sizes to net income. This relationship uses the Betson-Rothbarth estimates shown in Table 1 and Figure 2 in the previous chapter. Further adjustments were made to those proportions (1) to exclude the portion of expenditures accounted for by child care and the child's share of health insurance premiums and extraordinary medical expenses; (2) to extend the proportions to households with four, five, and six children; and (3) to develop a method of smoothing the proportions between income ranges to eliminate the gaps in support obligations that would otherwise exist.

The second stage is the development of a support schedule from the table of support proportions. Specifically, since the tables of proportions is specified in terms of net income, a method of translating gross to net income must be defined.

BUILDING A TABLE OF SUPPORT PROPORTIONS

There are seven steps in developing a table of support proportions from the Rothbarth estimates of child expenditures. These steps include:

1. Updating the net income brackets for changes in the cost of living since the time the data were collected;
2. Deducting from child expenditures the portion attributable to child care;
3. Deducting from child expenditures the child's portion of medical expenses (i.e. health insurance premiums and extraordinary medical expenses);
4. Calculating the relationship between consumption spending and net income;
5. Computing child expenditures as a proportion of net income;

6. Extending the estimates for one, two, and three-child households to households with four, five, and six children; and
7. Computing marginal proportions between income ranges to avoid notches in support obligations.

1. Updating the Net Income Brackets

The Rothbarth estimates are based on annual Consumer Expenditure Survey (CEX) data from 1980 through 1986 compiled by the Bureau of Labor Statistics. The CEX income data specified in constant 1983 dollars were updated to March 1999 dollars using statistics on changes in the consumer price index (CPI) since the time the data were collected.

2. Deducting Costs of Child Care

The Income Shares model currently used in Arizona is meant to be a basic support obligation to which are added the costs of work-related child care and extraordinary medical expenses. The table of support proportions specifically excludes the child's share of expenditures related to these items. Adjustments for these expenditures can be accommodated because the CEX database identifies expenditures for each commodity. To make the adjustment, child care expenses are computed as a proportion of consumption spending and then subtracted from the Rothbarth estimates of child expenditures as a proportion of consumption spending. Child care costs per child ranged from 0.62 percent of consumption spending in households with annual net incomes less than \$11,151 to 1.28 percent of consumption spending in households with annual net incomes between \$50,177 and \$55,751.

3. Deducting the Child's Share of Unreimbursed Medical Expenses

The adjustment for unreimbursed medical expenses is similar to the adjustment for child care costs, although not as easily computed since medical expenses are not itemized for each household member. Therefore, to compute an adjustment for medical expenses, we assumed that the child's share of those expenditures was the same as the child's share of all consumption spending. Once this share was computed and defined as a proportion of consumption, it was subtracted from the Rothbarth estimates of child expenditures as a proportion of consumption spending. The child's share of extraordinary medical expenses in one-child households ranged from 0.33 percent of consumption spending for households with annual net incomes between \$11,151 and \$18,161 to 0.59 percent in households with annual net incomes between \$108,971 and \$121,079.

4. Calculating the Relationship Between Consumption and Net Income

Net income using CEX data was defined as gross income, less adjustments for federal, state, and local taxes; social security (FICA) taxes; and union dues. For all but relatively low income households, net income generally exceeds consumption spending. The difference takes the form of savings and increases in household net worth (e.g. principal payments on a mortgage). In order to convert expenditures on children as a proportion of consumption spending to child expenditures as a function of net income, the relationship between consumption and net income must be computed. Not surprisingly, that ratio decreases as net income increases. Thus, while consumption spending consumes all of net income for households with annual net incomes below \$36,323, it represents only about 65 percent of net income for households with annual net incomes in excess of \$121,079.

5. Computing Child Expenditures as a Proportion of Net Income

Once the previous steps have been completed, the computation of child expenditures as a proportion of net income is straightforward. That is, the costs of child care and extraordinary medical expenses are subtracted from the Rothbarth estimates of child expenditures as a proportion of consumption, and the revised proportions are multiplied by the ratio of consumption to household net income. The resulting proportion relates child expenditures to net income.

6. Extending the Rothbarth Estimates to Larger Household Sizes

The CEX data do not allow estimates of child expenditures to be developed for households with more than three children because the number of households on which the estimates would be based is too small. Yet estimates for four, five and six-child households were developed as part of an earlier study. That study used the Espenshade parameters to estimate child-rearing expenditures and Bureau of Labor Statistics (BLS) data on equivalent consumption levels for different family sizes to project consumption levels for households with more children. The study developed ratios to extend the proportion of net income spent on three-child households to households with larger numbers of children. The ratios were assumed to be constant across income ranges and were used as multipliers to extend the Espenshade estimates.

This information guided the assumptions used to extend the Rothbarth estimates to larger household sizes. As in the earlier study, the assumption was adopted that as the number of children increases, the children's share of consumption spending increases at a constant rate for all income ranges, but that the constant decreases as the number of children increases. That is, although child expenditures as a proportion of consumption spending increase as more children are added to the household, the expenditures per child decrease; a fact which is consistent with the Rothbarth estimates for one, two, and three-child households.

A further assumption was made to account for the finding that the Rothbarth estimates showed smaller increases in child expenditures as a proportion of consumption spending relative to the Espenshade estimates. For example, the Rothbarth estimates show child expenditures increasing an average of approximately 47 percent as a second child is added to the household and 20 percent for the addition of a third child. The comparable Espenshade estimates were 55 and 25 percent respectively. As a result, we assumed that the Rothbarth estimates for four, five, and six-child households would continue to be lower than the Espenshade estimates. We further assumed that they would be lower in approximately the same proportion that they were lower for one, two, and three-child households.

7. Computing Marginal Proportions Between Income Ranges

The previous adjustments result in a table that relates levels of net income to the proportion of income spent on children in one to six-child households. One further adjustment, however, is needed before the table can be used to prepare a Schedule of Support Obligations that will not result in "notches" in obligation amounts as income increases. The method adopted for the Rothbarth estimates is the same approach that was used in developing the current Arizona Schedule of Basic Child Support Obligations. That is, the Rothbarth estimates are assumed to apply at the midpoint of each net income range. For net incomes that lie between these midpoints, marginal proportions were computed so that obligations would increase gradually as income increases.

An example will illustrate why this method of smoothing the support Schedule is needed. Assume we have two, two-child households, one earning between \$2,323-\$2,788 per month and the other earning between \$2,789-\$3,252 per month. The proportion of net income spent on the two children in the lower income household is estimated to be 33.88 percent. The comparable proportion in the higher income household is estimated to be 32.28 percent. If actual income in the first household were \$2,750, the total support obligation would be \$932 monthly ($\$2,750 \times .3388$). If actual income in the second household were \$2,800, the total monthly support obligation would be \$904 ($\$2,800 \times .3228$); \$28 less per month than the support obligation in the lower income household. The use of marginal proportions between the midpoints of income ranges eliminates this effect and creates a smooth increase in the total support obligation as household income increases.

Summary

After this last adjustment, the table of support proportions, shown below in Table 2, can be prepared. (Table 2 is derived from Table 1.) This table of support proportions is analogous to a tax rate schedule. Each net income midpoint in the table is associated with two proportions for each number of children being supported. The first proportion is applied to the income midpoint and the proportion just below it is applied to income

between that midpoint and the next highest midpoint. An example best illustrates how this procedure results in a basic support obligation if the net income and the number of children are known.

Assume that the noncustodial parent has monthly net income of \$1,500 and the custodial parent has \$1,000. The computation of a child support obligation for two children using the information in Table 2 involves the following four basic steps.

Step 1: Add the monthly net incomes of both parents ($\$1,500 + \$1,000 = \$2,500$) and compute their proportionate share of combined income. Custodial parent earns 40 percent of combined net ($\$1,000/\$2,500$), while noncustodial parent's share is 60 percent.

Step 2: Use the combined income from Step 1 to compute a basic support obligation using the proportions in Table 3.

❖ Find the income midpoint just below the combined net income (i.e. \$2,091) and multiply the amount by the proportional support for two children: [$\$2,068 \times .3434$] = \$718.

Subtract the midpoint from the combined net income of the parents and multiply by the marginal proportion: [$(\$2,500 - \$2,091) \times .3181$] = \$130.

Add the two obligation amounts: $\$718 + \$130 = \$848$. This obligation represents the monthly amount estimated to have been spent on the children jointly by the parents if the household had remained intact.

Step 3: Pro-rate the basic support obligation between the parents based on their proportionate shares of net income: (1) noncustodial parent's share is $\$848 \times .60 = \509 , (2) custodial parent's share is $\$848 \times .40 = \339 . The noncustodial parent's computed obligation is payable as child support. The custodial parent's computed obligation is retained and is presumed to be spent directly on the child. This procedure simulates spending patterns in an intact household in which the proportion of income allocated to the children depends on total family income.

Table 2
PROPOSED TABLE OF SUPPORT PROPORTIONS

Monthly Income	One Child	Two Children	Three Children	Four Children	Five Children	Six Children
465	0.2459	0.3595	0.4265	0.4713	0.5109	0.5466
	0.2282	0.3536	0.4182	0.4621	0.5009	0.5359
1162	0.2353	0.3560	0.4215	0.4658	0.5049	0.5402
	0.2495	0.3279	0.3848	0.4252	0.4609	0.4932
1626	0.2394	0.3480	0.4110	0.4542	0.4923	0.5268
	0.2273	0.3275	0.3835	0.4238	0.4594	0.4916
2091	0.2367	0.3434	0.4049	0.4474	0.4850	0.5190
	0.2233	0.3181	0.3685	0.4072	0.4414	0.4723
2557	0.2343	0.3388	0.3983	0.4401	0.4771	0.5105
	0.1583	0.2349	0.2833	0.3131	0.3394	0.3631
3021	0.2226	0.3228	0.3806	0.4206	0.4559	0.4878
	0.1391	0.1891	0.2092	0.2312	0.2506	0.2681
3486	0.2114	0.3050	0.3578	0.3953	0.4285	0.4585
	0.0909	0.1314	0.1550	0.1713	0.1857	0.1987
3951	0.1973	0.2846	0.3339	0.3690	0.4000	0.4280
	0.1697	0.2387	0.2721	0.3007	0.3259	0.3488
4415	0.1944	0.2797	0.3274	0.3618	0.3922	0.4196
	0.1309	0.1897	0.2240	0.2476	0.2684	0.2871
5112	0.1857	0.2675	0.3133	0.3462	0.3753	0.4016
	0.1496	0.2130	0.2482	0.2743	0.2973	0.3181
6042	0.1801	0.2591	0.3033	0.3351	0.3633	0.3887
	0.1317	0.1927	0.2283	0.2523	0.2735	0.2926
6971	0.1737	0.2502	0.2933	0.3241	0.3513	0.3759
	0.1153	0.1700	0.2050	0.2265	0.2456	0.2628
7901	0.1668	0.2408	0.2829	0.3126	0.3389	0.3626
	0.1477	0.2213	0.2696	0.2979	0.3229	0.3455
8831	0.1648	0.2388	0.2815	0.3111	0.3372	0.3608
	0.1068	0.1527	0.1781	0.1968	0.2133	0.2282
11828	0.1501	0.2169	0.2553	0.2821	0.3058	0.3272

BUILDING A SCHEDULE OF BASIC CHILD SUPPORT OBLIGATIONS

The last step involved in building a Schedule is converting gross to net income. The proposed Schedule of Basic Child Support Obligations (gross income version) that incorporates these adjustments is displayed in Table 3 attached at the conclusion of this chapter.

Converting Net to Gross Income

The Schedule of Basic Child Support Obligations is specified in terms of gross monthly income. Yet, the support obligations using the table of proportions are computed for the equivalent net income. Thus, some method must be defined for converting net to gross income. The method could be made complex by treating earned and unearned income differently and attempting to simulate the tax effects for alternative assumptions about the noncustodial parent's share of income and alternative household circumstances. Such an approach, however, is likely to be cumbersome to administer. The approach used to build the Schedule of Basic Child Support Obligations shown in this report makes the following assumptions to simplify the conversion process:

- ❖ All income is treated as earned income subject to taxes;
- ❖ All income is assumed to be earned by a noncustodial parent with no dependents; and
- ❖ Only adjustments for federal and state taxes and FICA are considered. These adjustments assume two federal withholding allowance and rates for FICA applicable in 1999. State taxes are based on one standard deduction and one personal exemption. Federal taxes incorporate the Earned Income Tax Credit (EITC).

A table showing these gross to net income conversions is provided in Appendix II.

Obviously, these assumptions ignore situations where not all income is fully taxable (e.g. tax breaks for home mortgages), where both parents have income and claim different numbers of dependents, and where other taxes (e.g. local taxes) further reduce net income. Nevertheless, in modeling the differential tax impacts associated with different family situations including the new child tax credit, we have found that adjustments to account for the actual tax impacts generally serve to increase the total net income available for support, increase the total support obligation, and, except in unusual circumstances (e.g. all income is earned by the custodial parent), increase the noncustodial parent's share of that obligation.

OTHER ADJUSTMENTS

The support obligation computed using the Rothbarth parameters is meant to be a basic obligation. To that obligation should be added the costs of other necessary expenditures, such as work-related child care costs and extraordinary medical expenses in excess of \$250 per year per child. As mentioned above, these additional costs of child rearing are not factored into the table of support proportions (Table 3).

Self Support Reserve

An additional adjustment is made for low-income obligors in the worksheet. The existing adjustment compares gross income after payment of the support amount to \$645, the existing self support reserve. If the remainder is less than \$645, the support amount is set at the difference between the obligor's gross income and \$645 per month.

The self support reserve allows the obligor to maintain a minimum subsistence level of living. The existing self support reserve approximates the gross equivalent of the 1995 poverty guidelines for one person (\$623 net per month). The 1999 poverty guidelines for one person is \$687 per month.⁹ Its gross equivalent is about \$780 per month.

⁹ *Federal Register*, vol. 64 no. 52, March 18, 1999, pp 13428-13430.

Arizona
Proposed Schedule of Basic Child Support Obligation

COMBINED ADJUSTED GROSS INCOME	ONE CHILD	TWO CHILDREN	THREE CHILDREN	FOUR CHILDREN	FIVE CHILDREN	SIX CHILDREN
650.00	147	218	259	286	310	332
700.00	156	232	274	303	329	352
750.00	164	243	288	319	346	370
800.00	171	255	303	334	362	388
850.00	179	267	317	350	380	406
900.00	188	281	333	367	398	426
950.00	196	294	348	385	417	446
1000.00	205	307	364	402	436	466
1050.00	213	320	379	419	454	486
1100.00	222	333	395	436	473	506
1150.00	230	346	410	453	492	526
1200.00	239	360	426	471	510	546
1250.00	247	373	442	488	529	566
1300.00	256	386	457	505	548	586
1350.00	264	399	473	522	566	606
1400.00	272	412	488	539	585	626
1450.00	282	425	502	555	602	644
1500.00	291	437	517	571	619	662
1550.00	300	449	531	587	636	681
1600.00	309	461	545	603	653	699
1650.00	319	473	560	618	670	717
1700.00	328	485	574	634	687	735
1750.00	337	497	588	650	704	754
1800.00	346	510	602	666	722	772
1850.00	356	522	617	681	739	790
1900.00	365	534	631	697	756	809
1950.00	374	546	645	713	773	827
2000.00	383	558	659	729	790	845
2050.00	392	570	674	744	807	863
2100.00	401	583	688	760	824	882
2150.00	409	595	702	776	841	900
2200.00	418	607	716	792	858	918
2250.00	426	619	731	807	875	936
2300.00	435	631	745	823	892	955
2350.00	443	643	759	839	909	973
2400.00	451	655	773	854	926	991
2450.00	460	668	787	870	943	1009
2500.00	468	680	802	886	960	1027
2550.00	477	692	816	902	977	1046
2600.00	485	704	830	917	994	1064
2650.00	493	716	844	933	1011	1082
2700.00	503	729	859	950	1029	1102
2750.00	509	739	871	962	1043	1116
2800.00	516	748	882	974	1056	1130
2850.00	523	758	893	987	1069	1144
2900.00	530	768	904	999	1083	1159
2950.00	536	777	915	1011	1096	1173
3000.00	543	787	926	1024	1110	1187

Arizona
Proposed Schedule of Basic Child Support Obligation

COMBINED ADJUSTED GROSS INCOME	ONE CHILD	TWO CHILDREN	THREE CHILDREN	FOUR CHILDREN	FIVE CHILDREN	SIX CHILDREN
3050.00	550	797	938	1036	1123	1202
3100.00	557	806	949	1048	1136	1216
3150.00	564	816	960	1061	1150	1230
3200.00	570	825	971	1073	1163	1245
3250.00	577	835	982	1085	1177	1259
3300.00	584	845	993	1098	1190	1273
3350.00	591	854	1005	1110	1203	1288
3400.00	597	864	1016	1122	1217	1302
3450.00	603	872	1025	1132	1228	1314
3500.00	608	879	1034	1142	1238	1325
3550.00	612	886	1042	1151	1248	1336
3600.00	617	893	1051	1161	1259	1347
3650.00	622	900	1059	1170	1269	1358
3700.00	627	907	1068	1180	1279	1369
3750.00	632	914	1076	1189	1289	1380
3800.00	636	922	1085	1199	1300	1391
3850.00	641	929	1094	1208	1310	1402
3900.00	646	936	1102	1218	1320	1413
3950.00	651	943	1111	1227	1331	1424
4000.00	655	950	1119	1237	1341	1435
4050.00	660	957	1128	1246	1351	1446
4100.00	665	964	1137	1256	1361	1457
4150.00	670	971	1145	1265	1372	1468
4200.00	674	978	1153	1274	1381	1477
4250.00	679	983	1159	1281	1388	1485
4300.00	683	989	1165	1288	1396	1493
4350.00	687	995	1172	1295	1403	1502
4400.00	691	1001	1178	1302	1411	1510
4450.00	695	1006	1184	1309	1419	1518
4500.00	700	1012	1191	1316	1426	1526
4550.00	704	1018	1197	1323	1434	1534
4600.00	708	1024	1203	1330	1441	1542
4650.00	712	1029	1210	1337	1449	1550
4700.00	716	1035	1216	1344	1456	1558
4750.00	721	1041	1222	1351	1464	1566
4800.00	725	1046	1228	1357	1471	1574
4850.00	729	1052	1235	1364	1479	1582
4900.00	733	1057	1241	1371	1486	1590
4950.00	737	1063	1247	1378	1494	1598
5000.00	740	1067	1252	1383	1499	1604
5050.00	742	1071	1257	1388	1505	1610
5100.00	745	1075	1261	1393	1510	1616
5150.00	748	1079	1266	1398	1516	1622
5200.00	750	1083	1270	1404	1521	1628
5250.00	753	1087	1275	1409	1527	1634
5300.00	756	1091	1280	1414	1532	1640
5350.00	759	1094	1284	1419	1538	1646
5400.00	761	1098	1289	1424	1543	1651

Arizona
Proposed Schedule of Basic Child Support Obligation

COMBINED ADJUSTED GROSS INCOME	ONE CHILD	TWO CHILDREN	THREE CHILDREN	FOUR CHILDREN	FIVE CHILDREN	SIX CHILDREN
5450.00	764	1102	1293	1428	1548	1657
5500.00	766	1106	1297	1433	1554	1662
5550.00	769	1109	1302	1438	1559	1668
5600.00	771	1113	1306	1443	1564	1674
5650.00	774	1117	1310	1448	1569	1679
5700.00	777	1121	1315	1453	1575	1685
5750.00	779	1124	1319	1458	1580	1691
5800.00	784	1131	1327	1466	1590	1701
5850.00	789	1138	1335	1475	1599	1711
5900.00	794	1145	1342	1483	1608	1721
5950.00	799	1151	1350	1492	1617	1730
6000.00	804	1158	1358	1500	1626	1740
6050.00	808	1165	1365	1509	1636	1750
6100.00	814	1172	1374	1518	1646	1761
6150.00	819	1180	1382	1528	1656	1772
6200.00	824	1187	1391	1537	1666	1783
6250.00	830	1195	1400	1547	1677	1794
6300.00	835	1202	1408	1556	1687	1805
6350.00	840	1210	1417	1566	1697	1816
6400.00	846	1217	1425	1575	1707	1827
6450.00	851	1225	1434	1584	1718	1838
6500.00	856	1232	1442	1594	1728	1849
6550.00	861	1239	1450	1602	1737	1858
6600.00	865	1245	1457	1610	1745	1867
6650.00	869	1251	1464	1618	1754	1876
6700.00	873	1256	1471	1626	1762	1885
6750.00	877	1262	1478	1633	1771	1894
6800.00	881	1268	1485	1641	1779	1903
6850.00	886	1274	1492	1649	1787	1912
6900.00	890	1280	1499	1657	1796	1921
6950.00	894	1286	1506	1664	1804	1930
7000.00	898	1292	1513	1672	1813	1939
7050.00	902	1298	1520	1680	1821	1948
7100.00	906	1304	1527	1688	1830	1957
7150.00	910	1310	1534	1696	1838	1966
7200.00	914	1316	1541	1703	1846	1975
7250.00	918	1322	1548	1711	1855	1984
7300.00	923	1328	1555	1719	1863	1993
7350.00	927	1334	1562	1727	1872	2003
7400.00	931	1340	1570	1734	1880	2012
7450.00	935	1346	1577	1742	1889	2021
7500.00	939	1352	1584	1750	1897	2030
7550.00	943	1358	1591	1758	1905	2039
7600.00	947	1364	1598	1766	1914	2048
7650.00	951	1370	1605	1774	1923	2057
7700.00	956	1377	1613	1782	1932	2067
7750.00	961	1384	1621	1791	1941	2077
7800.00	965	1390	1628	1799	1951	2087

Arizona
Proposed Schedule of Basic Child Support Obligation

COMBINED ADJUSTED GROSS INCOME	ONE CHILD	TWO CHILDREN	THREE CHILDREN	FOUR CHILDREN	FIVE CHILDREN	SIX CHILDREN
7850.00	970	1397	1636	1808	1960	2097
7900.00	975	1404	1644	1817	1969	2107
7950.00	980	1411	1652	1825	1979	2117
8000.00	984	1417	1660	1834	1988	2127
8050.00	989	1424	1667	1843	1997	2137
8100.00	994	1431	1675	1851	2007	2147
8150.00	998	1437	1683	1860	2016	2157
8200.00	1003	1444	1691	1868	2025	2167
8250.00	1008	1451	1699	1877	2035	2177
8300.00	1012	1457	1706	1886	2044	2187
8350.00	1017	1464	1714	1894	2053	2197
8400.00	1022	1471	1722	1903	2063	2207
8450.00	1027	1477	1730	1911	2072	2217
8500.00	1031	1484	1738	1920	2081	2227
8550.00	1036	1491	1745	1929	2091	2237
8600.00	1041	1498	1753	1937	2100	2247
8650.00	1045	1504	1761	1946	2109	2257
8700.00	1050	1511	1769	1955	2119	2267
8750.00	1055	1518	1777	1963	2128	2277
8800.00	1059	1524	1784	1972	2137	2287
8850.00	1064	1531	1792	1980	2147	2297
8900.00	1069	1538	1800	1989	2156	2307
8950.00	1074	1544	1808	1998	2165	2317
9000.00	1078	1551	1816	2006	2175	2327
9050.00	1083	1558	1823	2015	2184	2337
9100.00	1088	1564	1831	2023	2194	2347
9150.00	1092	1571	1839	2031	2202	2356
9200.00	1096	1577	1846	2039	2211	2365
9250.00	1100	1583	1853	2047	2219	2375
9300.00	1104	1589	1860	2055	2228	2384
9350.00	1108	1595	1867	2063	2237	2393
9400.00	1112	1601	1874	2071	2245	2402
9450.00	1116	1607	1882	2079	2254	2411
9500.00	1121	1613	1889	2087	2262	2421
9550.00	1125	1619	1896	2095	2271	2430
9600.00	1129	1625	1903	2103	2280	2439
9650.00	1133	1631	1910	2111	2288	2448
9700.00	1137	1637	1917	2119	2297	2457
9750.00	1141	1643	1925	2126	2305	2467
9800.00	1145	1649	1932	2134	2314	2476
9850.00	1150	1655	1939	2142	2323	2485
9900.00	1154	1661	1946	2150	2331	2494
9950.00	1158	1667	1953	2158	2340	2503
10000.00	1162	1673	1961	2166	2348	2513
10050.00	1166	1680	1968	2174	2357	2522
10100.00	1170	1686	1975	2182	2366	2531
10150.00	1174	1692	1982	2190	2374	2540
10200.00	1179	1698	1989	2198	2383	2549

Arizona
Proposed Schedule of Basic Child Support Obligation

COMBINED ADJUSTED GROSS INCOME	ONE CHILD	TWO CHILDREN	THREE CHILDREN	FOUR CHILDREN	FIVE CHILDREN	SIX CHILDREN
10250.00	1183	1704	1996	2206	2391	2558
10300.00	1187	1710	2004	2214	2400	2568
10350.00	1191	1716	2011	2222	2409	2577
10400.00	1195	1722	2018	2229	2417	2586
10450.00	1199	1728	2025	2237	2426	2595
10500.00	1203	1734	2032	2245	2434	2604
10550.00	1207	1740	2039	2253	2443	2614
10600.00	1212	1746	2046	2261	2451	2623
10650.00	1215	1751	2053	2268	2459	2631
10700.00	1219	1756	2059	2275	2466	2639
10750.00	1223	1762	2066	2283	2474	2647
10800.00	1226	1767	2072	2290	2482	2656
10850.00	1230	1772	2079	2297	2490	2664
10900.00	1234	1778	2085	2304	2497	2672
10950.00	1237	1783	2091	2311	2505	2680
11000.00	1241	1788	2098	2318	2513	2689
11050.00	1244	1794	2104	2325	2520	2697
11100.00	1248	1799	2111	2332	2528	2705
11150.00	1252	1804	2117	2340	2536	2713
11200.00	1255	1810	2124	2347	2544	2722
11250.00	1259	1815	2130	2354	2551	2730
11300.00	1263	1820	2137	2361	2559	2738
11350.00	1266	1826	2143	2368	2567	2746
11400.00	1270	1831	2149	2375	2574	2755
11450.00	1273	1836	2156	2382	2582	2763
11500.00	1277	1841	2162	2389	2589	2770
11550.00	1280	1846	2168	2395	2596	2778
11600.00	1283	1851	2174	2402	2603	2786
11650.00	1287	1856	2179	2408	2610	2793
11700.00	1290	1861	2185	2415	2618	2801
11750.00	1293	1866	2191	2421	2625	2808
11800.00	1297	1871	2197	2428	2632	2816
11850.00	1300	1876	2203	2435	2639	2824
11900.00	1303	1881	2209	2441	2646	2831
11950.00	1307	1885	2215	2448	2653	2839
12000.00	1310	1890	2221	2454	2660	2846
12050.00	1313	1895	2227	2461	2667	2854
12100.00	1317	1900	2233	2467	2674	2862
12150.00	1320	1906	2240	2475	2683	2871
12200.00	1325	1913	2248	2483	2692	2881
12250.00	1329	1919	2255	2492	2702	2891
12300.00	1333	1925	2263	2501	2711	2901
12350.00	1337	1932	2271	2509	2720	2911
12400.00	1342	1938	2279	2518	2730	2921
12450.00	1346	1945	2286	2527	2739	2931
12500.00	1350	1951	2294	2535	2748	2941
12550.00	1355	1957	2302	2544	2758	2951
12600.00	1359	1964	2310	2552	2767	2961

Arizona
Proposed Schedule of Basic Child Support Obligation

COMBINED ADJUSTED GROSS INCOME	ONE CHILD	TWO CHILDREN	THREE CHILDREN	FOUR CHILDREN	FIVE CHILDREN	SIX CHILDREN
12650.00	1363	1970	2318	2561	2776	2971
12700.00	1367	1977	2325	2570	2786	2981
12750.00	1372	1983	2333	2578	2795	2991
12800.00	1376	1989	2341	2587	2804	3001
12850.00	1380	1996	2349	2595	2814	3011
12900.00	1384	2002	2357	2604	2823	3021
12950.00	1389	2009	2364	2613	2832	3031
13000.00	1393	2015	2372	2621	2842	3041
13050.00	1397	2021	2380	2630	2851	3050
13100.00	1401	2028	2388	2638	2860	3060
13150.00	1406	2034	2395	2647	2870	3070
13200.00	1410	2040	2403	2656	2879	3080
13250.00	1414	2047	2411	2664	2888	3090
13300.00	1418	2053	2419	2673	2897	3100
13350.00	1423	2060	2426	2681	2907	3110
13400.00	1427	2066	2434	2690	2916	3120
13450.00	1431	2072	2442	2698	2925	3130
13500.00	1435	2079	2450	2707	2935	3140
13550.00	1440	2085	2457	2715	2944	3150
13600.00	1444	2091	2465	2724	2953	3160
13650.00	1448	2098	2473	2733	2962	3170
13700.00	1452	2104	2481	2741	2972	3180
13750.00	1456	2110	2488	2749	2980	3188
13800.00	1459	2115	2493	2755	2986	3195
13850.00	1463	2119	2498	2761	2992	3202
13900.00	1466	2123	2503	2766	2998	3208
13950.00	1469	2128	2508	2772	3004	3215
14000.00	1472	2132	2513	2777	3011	3221
14050.00	1475	2137	2518	2783	3017	3228
14100.00	1478	2141	2523	2789	3023	3234
14150.00	1481	2145	2529	2794	3029	3241
14200.00	1484	2150	2534	2800	3035	3247
14250.00	1487	2154	2539	2806	3041	3254
14300.00	1490	2159	2544	2811	3047	3261
14350.00	1493	2163	2549	2817	3053	3267
14400.00	1496	2167	2554	2823	3060	3274
14450.00	1499	2172	2559	2828	3066	3280
14500.00	1502	2176	2564	2834	3072	3287
14550.00	1506	2181	2570	2840	3078	3293
14600.00	1509	2185	2575	2845	3084	3300
14650.00	1512	2189	2580	2851	3090	3307
14700.00	1515	2194	2585	2857	3096	3313
14750.00	1518	2198	2590	2862	3103	3320
14800.00	1521	2203	2595	2868	3109	3326
14850.00	1524	2207	2600	2874	3115	3333
14900.00	1527	2211	2605	2879	3121	3339
14950.00	1530	2216	2611	2885	3127	3346
15000.00	1533	2220	2616	2891	3133	3352

Arizona
Proposed Schedule of Basic Child Support Obligation

COMBINED ADJUSTED GROSS INCOME	ONE CHILD	TWO CHILDREN	THREE CHILDREN	FOUR CHILDREN	FIVE CHILDREN	SIX CHILDREN
15050.00	1536	2224	2621	2896	3139	3359
15100.00	1539	2229	2626	2902	3145	3366
15150.00	1542	2233	2631	2908	3152	3372
15200.00	1545	2238	2636	2913	3158	3379
15250.00	1548	2242	2641	2919	3164	3385
15300.00	1552	2246	2646	2925	3170	3392
15350.00	1555	2251	2652	2930	3176	3398
15400.00	1558	2255	2657	2936	3182	3405
15450.00	1561	2260	2662	2942	3188	3412
15500.00	1564	2264	2667	2947	3195	3418
15550.00	1567	2268	2672	2953	3201	3425
15600.00	1570	2273	2677	2959	3207	3431
15650.00	1573	2277	2682	2964	3213	3438
15700.00	1576	2282	2687	2970	3219	3444
15750.00	1579	2286	2692	2976	3225	3451
15800.00	1582	2290	2698	2981	3231	3457
15850.00	1585	2295	2703	2987	3237	3464
15900.00	1588	2299	2708	2993	3244	3471
15950.00	1591	2303	2713	2998	3250	3477
16000.00	1595	2308	2718	3004	3256	3484
16050.00	1598	2312	2723	3010	3262	3490
16100.00	1601	2317	2728	3015	3268	3497
16150.00	1604	2321	2733	3021	3274	3503
16200.00	1607	2325	2739	3026	3280	3510
16250.00	1610	2330	2744	3032	3287	3516
16300.00	1613	2334	2749	3038	3293	3523
16350.00	1616	2339	2754	3043	3299	3530
16400.00	1619	2343	2759	3049	3305	3536
16450.00	1622	2347	2764	3055	3311	3543
16500.00	1625	2352	2769	3060	3317	3549
16550.00	1628	2356	2774	3066	3323	3556
16600.00	1631	2361	2780	3072	3329	3562
16650.00	1634	2365	2785	3077	3336	3569
16700.00	1638	2369	2790	3083	3342	3576
16750.00	1641	2374	2795	3089	3348	3582
16800.00	1644	2378	2800	3094	3354	3589
16850.00	1647	2383	2805	3100	3360	3595
16900.00	1650	2387	2810	3106	3366	3602
16950.00	1653	2391	2815	3111	3372	3608
17000.00	1656	2396	2821	3117	3379	3615
17050.00	1659	2400	2826	3123	3385	3621
17100.00	1662	2404	2831	3128	3391	3628
17150.00	1665	2409	2836	3134	3397	3635
17200.00	1668	2413	2841	3140	3403	3641
17250.00	1671	2418	2846	3145	3409	3648
17300.00	1674	2422	2851	3151	3415	3654
17350.00	1677	2426	2856	3157	3421	3661
17400.00	1681	2431	2861	3162	3428	3667

Arizona
Proposed Schedule of Basic Child Support Obligation

COMBINED ADJUSTED GROSS INCOME	ONE CHILD	TWO CHILDREN	THREE CHILDREN	FOUR CHILDREN	FIVE CHILDREN	SIX CHILDREN
17450.00	1684	2435	2867	3168	3434	3674
17500.00	1687	2440	2872	3174	3440	3681
17550.00	1690	2444	2877	3179	3446	3687
17600.00	1693	2448	2882	3185	3452	3694
17650.00	1696	2453	2887	3191	3458	3700
17700.00	1699	2457	2892	3196	3464	3707
17750.00	1702	2462	2897	3202	3471	3713
17800.00	1705	2466	2902	3208	3477	3720
17850.00	1708	2470	2908	3213	3483	3726
17900.00	1711	2475	2913	3219	3489	3733
17950.00	1714	2479	2918	3225	3495	3740
18000.00	1717	2484	2923	3230	3501	3746
18050.00	1720	2488	2928	3236	3507	3753
18100.00	1724	2492	2933	3242	3513	3759
18150.00	1727	2497	2938	3247	3520	3766
18200.00	1730	2501	2943	3253	3526	3772
18250.00	1733	2505	2949	3259	3532	3779
18300.00	1736	2510	2954	3264	3538	3786
18350.00	1739	2514	2959	3270	3544	3792
18400.00	1742	2519	2964	3275	3550	3799
18450.00	1745	2523	2969	3281	3556	3805
18500.00	1748	2527	2974	3287	3563	3812
18550.00	1751	2532	2979	3292	3569	3818
18600.00	1754	2536	2984	3298	3575	3825
18650.00	1757	2541	2990	3304	3581	3831
18700.00	1760	2545	2995	3309	3587	3838
18750.00	1763	2549	3000	3315	3593	3845
18800.00	1767	2554	3005	3321	3599	3851
18850.00	1770	2558	3010	3326	3605	3858
18900.00	1773	2563	3015	3332	3612	3864
18950.00	1776	2567	3020	3338	3618	3871
19000.00	1779	2571	3025	3343	3624	3877
19050.00	1782	2576	3030	3349	3630	3884
19100.00	1785	2580	3036	3355	3636	3891
19150.00	1788	2585	3041	3360	3642	3897
19200.00	1791	2589	3046	3366	3648	3904
19250.00	1794	2593	3051	3372	3655	3910
19300.00	1797	2598	3056	3377	3661	3917
19350.00	1800	2602	3061	3383	3667	3923
19400.00	1803	2606	3066	3389	3673	3930
19450.00	1806	2611	3071	3394	3679	3936
19500.00	1810	2615	3077	3400	3685	3943
19550.00	1813	2620	3082	3406	3691	3950
19600.00	1816	2624	3087	3411	3697	3956
19650.00	1819	2628	3092	3417	3704	3963
19700.00	1822	2633	3097	3423	3710	3969
19750.00	1825	2637	3102	3428	3716	3976
19800.00	1828	2642	3107	3434	3722	3982

01/12/00

Table 3

Arizona
Proposed Schedule of Basic Child Support Obligation

COMBINED ADJUSTED GROSS INCOME	ONE CHILD	TWO CHILDREN	THREE CHILDREN	FOUR CHILDREN	FIVE CHILDREN	SIX CHILDREN
19850.00	1831	2646	3112	3440	3728	3989
19900.00	1834	2650	3118	3445	3734	3996
19950.00	1837	2655	3123	3451	3740	4002
20000.00	1840	2659	3128	3457	3747	4009

Chapter IV

Summary of Key Assumptions

The design of the Schedule of Basic Child Support Obligations is based on a number of key economic decisions and assumptions that are documented throughout the text of the report and the technical appendix. In this chapter, we have highlighted the design assumptions that may be the most significant for application of the guidelines to individual cases.

(1) Guidelines based on net income, then converted to gross income. These guidelines are designed to provide child support as a specified proportion of an obligor's net income. As discussed in Chapter III, a table of child support based on obligor net income is developed before converting the tables to gross income. The tables are converted to gross income for three reasons:

- ❖ Use of gross income greatly simplifies use of the child support guidelines because it obviates the need for a complex gross to net calculation in individual cases;
- ❖ Use of gross income can be more equitable because it avoids non-comparable deductions that may arise in making the gross to net calculation in individual cases; and
- ❖ Use of gross income does not cause child support to be increased when an obligor acquires additional dependents, claims more exemptions, and therefore has a higher net income for a given level of gross income.

In converting the schedule to a gross income base, we have assumed that the obligor claims one exemption (for filing, two for withholding) and the standard deduction. This is the most favorable assumption that can be made concerning an obligor's filing status. Obligor's with more than one exemption, or with itemized deductions, would have a slightly higher obligation under an equivalent net income guideline.

(2) Tax exemptions for child(ren) due support. The Schedule presumes that the noncustodial parent does not claim the tax exemptions nor the child tax credit for the child(ren) due support. In computing federal tax obligations, the custodial parent is entitled to claim the tax exemption(s) for any divorce occurring after 1984, unless the custodial parent signs over the exemption(s) to the noncustodial parent each year. The child tax credit is given to the parent claiming the tax exemption. Given these provisions, the most realistic presumption for development of the Schedule is that the custodial parent claims the exemption(s) and child tax credit for the child(ren) due child support.

(3) Income assumed to be taxable. Because the Schedule has withholding tables built into it, the design assumes that all income of both parents is taxable.

(4) Schedule does not include expenditures on child care, extraordinary medical, and children's share of health insurance costs. The Schedule is based on economic data that represent estimates of total expenditures on child-rearing costs up to age 18. The major categories of expenditures include food, housing, home furnishings, utilities, transportation, clothing, education, and recreation. Excluded from these figures are average expenditures for child care, children's extraordinary medical care, and the children's share of health insurance. These costs are deducted from the base amounts used to establish the Schedule because they are added to child support obligations as actually incurred in individual cases. Deducting these expenditures from the base amounts avoids double-counting them in the child support calculation.

(5) Schedule includes expenditures on ordinary medical care. Although expenditures for the children's extraordinary medical care and the children's share of health insurance are to be added to the child support obligation as actually incurred in individual cases, it is assumed that parents will make some expenditures on behalf of the children's ordinary (i.e. out-of-pocket expenses not covered by insurance) medical care. The Schedule amounts in this report is based on the assumption that expenditures on ordinary medical care are \$250 per year per child.

(6) Schedule is based on average expenditures on children 0 - 17 years. Child-rearing expenditures are averaged for children across the entire age range of 0 - 17 years. Expenditures would be higher for teen-aged children, and lower for pre-teen children. For various technical reasons, Betson was unable to provide reliable estimates on child-rearing expenditures for teen-aged children. Based on estimates provided by Espenshade, however, the relative cost associated with children aged 12 to 17 is 1.146 above the average.

(7) Visitation costs are not factored into the schedule. Since the Schedule is based on expenditures for children in intact households, there is no consideration given for visitation costs. Taking such costs into account would be further complicated by the variability in actual visitation patterns and the duplicative nature of many costs incurred for visitation (e.g. housing, home furnishings).

Chapter V

Comparison of Existing and Proposed Schedules

This chapter discusses the differences between the existing and updated Arizona Schedule of Basic Child Support Obligations. Generally, the update yields small differences in the support amounts because there have only been small changes in the factors underlying the schedule. The factors affecting support amounts are listed below.

- ❖ Although, not directly part of the Schedule, the self support reserve has been updated for application of the low-income adjustment.
- ❖ Changes in personal income tax rates (i.e., federal and state taxes and FICA) from 1995 to 1999.
- ❖ Updating the economic estimates of child-rearing expenditures for changes in the price level from when the guidelines were last reviewed to present (1995 to 1999).

The combined effect of these changes is relatively small and offset each other. It is discussed at the end of this chapter.

SELF SUPPORT RESERVE

Many states such as Arizona make an additional adjustment for low-income obligors. In the adjustments, states typically define a self support reserve, which allows an obligor to maintain a subsistence level of living after payment of taxes and support obligations. In its use of the self support reserve, Arizona applies a Self Support Reserve Test in its worksheet. The support amount is first calculated. Then that amount is subtracted from gross income. If the remainder is less than the self support reserve, the support amount is set at the difference between the self support reserve and obligor gross monthly income. If the remainder is more than or equal to the self support reserve, the support amount is set as first calculated.

Arizona's current self support reserve is set at monthly gross amount of \$645. It approximates the net equivalent of the poverty guideline for one person (\$623) in 1995 when the Arizona guidelines were last reviewed. If the self support reserve is updated to the 1999 federal poverty guideline (\$687 net per month) an approximate gross equivalent is \$760 per month.

Although Arizona defines a self support reserve, unlike most states, it does not specify a minimum support amount. Most states set a minimum support amount of \$50 per month, this represents a token amount which does not cover the obligor's share of child-

rearing expenditures but demonstrates the obligor's financial commitment to the children. For the purposes of this comparison, we have also adopted a minimum support amount of \$50 per month.

The existing Schedule does imply that a deviation may be appropriate for obligor gross incomes below \$650 per month because this is the lowest amount addressed in the existing Arizona Schedule. The proposed Schedule implies that threshold should be raised to \$800.

Using this updated amount in Arizona's Self Support Test, we compare support obligations for two-child households under the existing and proposed Self Support Reserve Test and proposed minimum support amount of \$50 per month.¹⁰ As shown in Table 4, when obligor gross income equals \$600 per month, the existing Arizona guidelines do not address what the order should be. However, under the proposed guidelines the amount is \$50 per month. When obligor gross income equals \$700, the amount under the existing schedule is \$55 per month, whereas under the proposed amount the minimum support amount of \$50 per month would still apply. The proposed amounts continue to be less than the existing amount until obligor gross income reaches \$1,000 per month. At this level, the Self Support Reserve Test would no longer result in a downward adjustment to the support amount.

¹⁰ The minimum support amount is to be determined by the State. We propose \$50 only because it the amount most frequently used by other states, however, some states set the amount higher and other states set the amount lower.

Table 4
COMPARISON OF EXISTING AND PROPOSED
GUIDELINES FOR LOW INCOMES:
TWO CHILDREN

Monthly Gross Income	Existing Arizona Child Support Guidelines	Proposed Arizona Child Support Guidelines
\$ 600	Not addressed	\$ 50
\$ 700	\$ 55	\$ 50
\$ 800	\$155	\$ 60
\$ 900	\$255	\$140
\$1,000	\$310	\$240
\$1,100	\$334	\$333
\$1,200	\$358	\$360

REVISIONS IN PERSONAL INCOME TAX RATES

As is evident in Table 5, the effective personal income tax rate from 1995 to 1999 has decreased for low incomes and increased for middle to high incomes. Generally, low incomes (as depicted in Table 5 by gross incomes below \$2,000 per month) are now taxed at a lower rate because of increases in the federal exemptions. Arizona state tax and FICA has remained constant for low incomes.

Although the increase in the federal exemptions lowers federal personal income taxes for the middle and high incomes as well, increases in the state personal and FICA schedules offset the reduction in federal taxes. The increase in Arizona taxes results from a change in the Arizona standard deduction and personal exemption. In 1995, Arizona personal income tax rate was applied to monthly income adjusted for federal exemptions. In 1999, Arizona employees can elect what proportion of federal tax withheld is withheld for Arizona State tax. Because the monthly withholding is now at the employee's option, we used the Arizona deduction and standard exemption provided in state statute [A.R.S. 43-1041]. These amounts are substantially lower than the federal amounts, thus result in more income being subject to Arizona tax in 1999 than was subjected to tax in 1995.

Table 5
CHANGES IN FEDERAL and STATE TAXES and FICA
from 1995 to 1999

Monthly Gross Income	1995				1999			
	Federal Tax ¹	FICA ²	State Tax	Total	Federal Tax ¹	FICA ³	State Tax	Total
\$ 900	\$ 40	\$ 69	\$ 12	\$ 121	\$ 33	\$ 69	\$ 12	\$ 114
\$1,000	\$ 55	\$ 76	\$ 15	\$ 146	\$ 48	\$ 77	\$ 15	\$ 140
\$2,000	\$ 205	\$153	\$ 51	\$ 409	\$ 198	\$153	\$ 73	\$ 424
\$3,000	\$ 423	\$229	\$ 90	\$ 742	\$ 382	\$230	\$158	\$ 771
\$4,000	\$ 703	\$306	\$132	\$1,140	\$ 662	\$306	\$196	\$1,164
\$6,000	\$1,300	\$403	\$230	\$1,933	\$1,242	\$459	\$403	\$2,104
\$8,000	\$1,920	\$432	\$334	\$2,686	\$1,863	\$491	\$497	\$2,851
\$10,000	\$2,540	\$461	\$438	\$3,439	\$2,482	\$520	\$591	\$3,593
\$12,000	\$3,242	\$490	\$542	\$4,274	\$3,130	\$549	\$686	\$4,365

¹The assumptions used to compute federal taxes were (1) two withholding allowances; and (2) all income earned by a single person.

²FICA rates in 1995 : 7.65 percent up to gross monthly income of \$5,100, plus 1.45 percent of gross monthly incomes above \$5,100.

³FICA rates in 1999: 7.65 percent up to gross monthly income of \$6,050, plus 1.45 percent of gross monthly incomes above \$6,050.

Increases to the Social Security threshold further increase the effective tax rates for high incomes. Social Security is now applied up to gross incomes of \$6,050 per month, whereas it was only applied up to gross incomes of \$5,100 per month in 1995.

On average, the increase in the effective personal income tax rate is 2.7 percent. It ranges from an increase of 0.7 to 7.1 percent. In effect, this makes less income available for child-rearing expenditures.

CHANGES IN THE PRICE LEVEL

The change in the price level since the Schedule was last updated in 1995 is 10 percent. The income intervals displayed in Table 2 are inflated to reflect this change. It shifts the proportions of child-rearing expenditures downward. In effect, a higher proportion of child-rearing expenditures is now applied to each income level. This is evidenced in the

graphical comparisons of the existing to updated Schedules, which compares support amounts along a range of obligor net incomes.

Figures 3, 4 and 5 display levels of support obligations as percentages of obligor monthly net income across a range of incomes from \$700 to \$6,000 per month. Net income rather than gross income is used to exclude effects caused by tax rate changes. Comparisons are presented for two children, with comparisons for one and three children displayed in Appendix III. For each comparison, three figures with accompanying tables are shown under the following assumptions about obligee income:

- ❖ The first figure for each comparison depicts support order levels under the assumption that the obligee has zero income.
- ❖ The second figure depicts order levels under the assumption that the obligee has half as much income as the obligor. That is, if the obligor has net income of \$2,000 per month, the obligee is assumed to have net income of \$1,000 per month; if the obligor has net income of \$3,000 per month, the obligee is assumed to have net income of \$1,500 per month. We would expect this to be the most typical income ratio because it approximates the relationship between average male to female earnings.
- ❖ The third figure depicts order levels under the assumption that the obligee has the same amount of net income as the obligor across the entire income range.

These comparisons assume there are no additional expenses, such as child care costs or children's extraordinary medical expenses. Also, the comparisons assume that an additional adjustment is made for low income.

In reading the figures, one important consideration is that the x-axis is not an interval level scale. That is, although support is shown as a proportion of net income for each \$100 increase in income through \$2,500 per month, the scale changes to \$500 income increases through the remainder of the income range. As a result, the fairly rapid descent of the curves after \$2,000 per month is an artifact of the income scale used in the figures. The actual curves would decline much more slowly if \$100 income increments had been used throughout the income range.

Figure 3: Two Supported Children, Obligee Has No Income

For low incomes, obligations under the proposed Schedule and proposed self support reserve track below obligations below the existing Schedule due to the proposed increase in the self support reserve. By obligor net incomes of \$1,100, however, the self support reserve is no longer applied. After \$1,100, the proposed schedule tracks somewhat above the existing Schedule. This modest increase reflects changes in the price levels from 1995 to 1998.

Figure 4: Two Supported Children, Obligee's Income Is Half the Obligor's

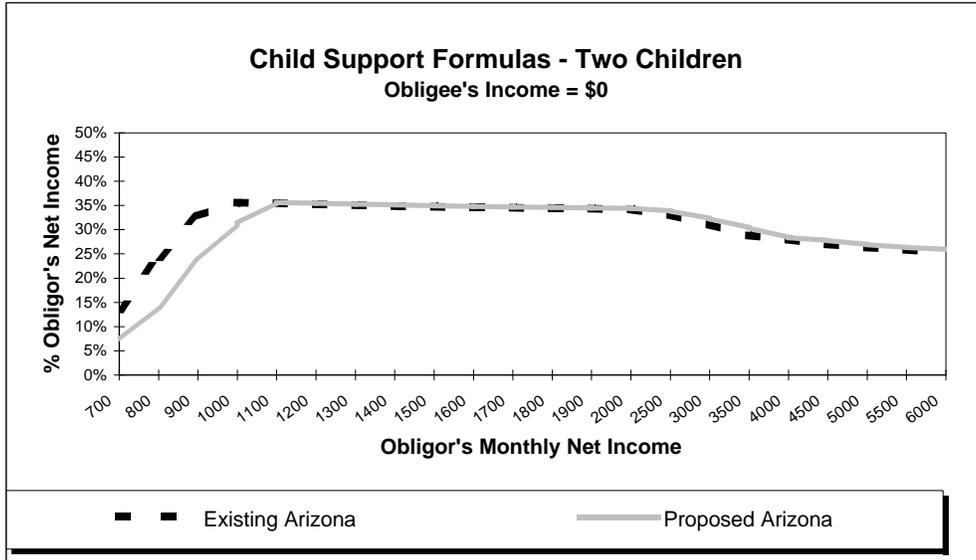
In this situation, the first observation to make is that generally the obligor's share of the support obligation as a proportion of his or her net income is almost always less than in the situation where the obligee had no income. (The exception is for low income obligors where the adjustment to maintain a self support reserve is applicable.) For example, the support obligation is 35 percent of obligor net income when obligor income equals \$1,700 per month and the obligee has no income under the existing Schedule. In contrast, it is 33 percent of obligor net income when obligor net income equals \$1,700 per month and obligee net income is \$850 per month under the existing Schedule. This is also true of the proposed Schedule.

Generally, the relationship between the existing and proposed Schedule is similar to the relationship depicted in Figure 3 (the scenario when the obligee had no income). That is, the proposed Schedule tracks below the existing Schedule when the Self Reserve Test is applied and the proposed Schedule tracks somewhat above the existing Schedule once the self support reserve is no longer applied. The increase reflects changes in the price level.

Figure 5: Two Supported Children, Obligee's Income = Obligor's Income

The trends evidenced in Figures 3 and 4 are also evident in Figure 5. That is, (1) application of the proposed increase to the self support reserve results in lower orders for low income obligors, (2) support as a proportion of obligor net income is less as the obligee's income increases relative to the obligor's; (3) obligations under the proposed Schedule are somewhat more than those under the existing Schedule once the Self Support Reserve Test is no longer applicable.

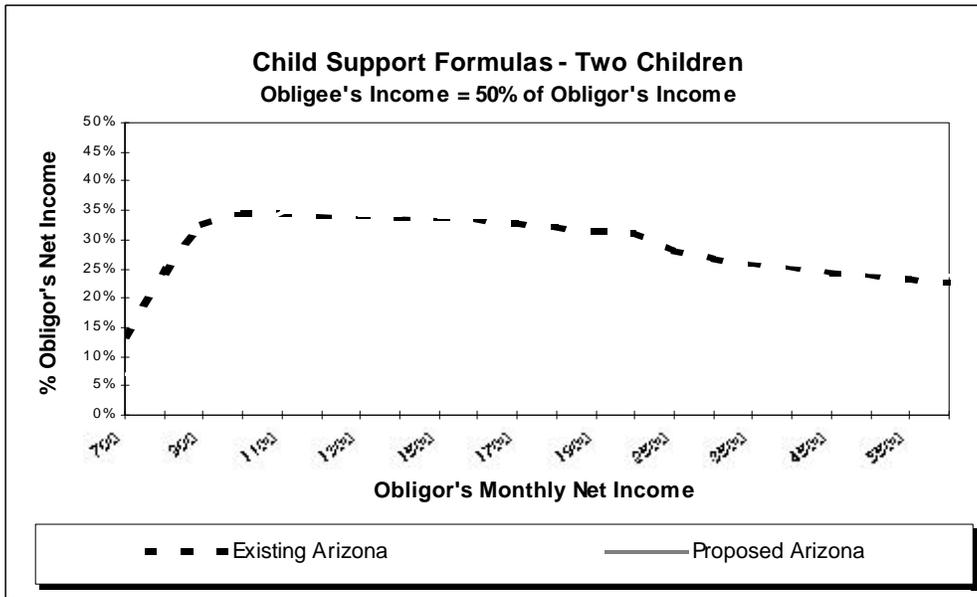
Figure 3



CHILD SUPPORT FORMULAS - TWO CHILDREN
Obligee's Income = \$0

Support Due (\$\$ per month)			% of Obligor's Net Income		
Obligor's Net Monthly Income	Existing Arizona	Proposed Arizona	Obligor's Net Monthly Income	Existing Arizona	Proposed Arizona
700	95	50	700	14%	7%
800	195	113	800	24%	14%
900	295	213	900	33%	24%
1000	356	313	1000	36%	31%
1100	390	392	1100	35%	36%
1200	423	426	1200	35%	36%
1300	456	459	1300	35%	35%
1400	489	492	1400	35%	35%
1500	522	525	1500	35%	35%
1600	554	557	1600	35%	35%
1700	587	590	1700	35%	35%
1800	620	623	1800	34%	35%
1900	652	656	1900	34%	35%
2000	684	688	2000	34%	34%
2500	828	848	2500	33%	34%
3000	934	970	3000	31%	32%
3500	1009	1065	3500	29%	30%
4000	1119	1136	4000	28%	28%
4500	1214	1251	4500	27%	28%
5000	1318	1346	5000	26%	27%
5500	1424	1450	5500	26%	26%
6000	1520	1557	6000	25%	26%

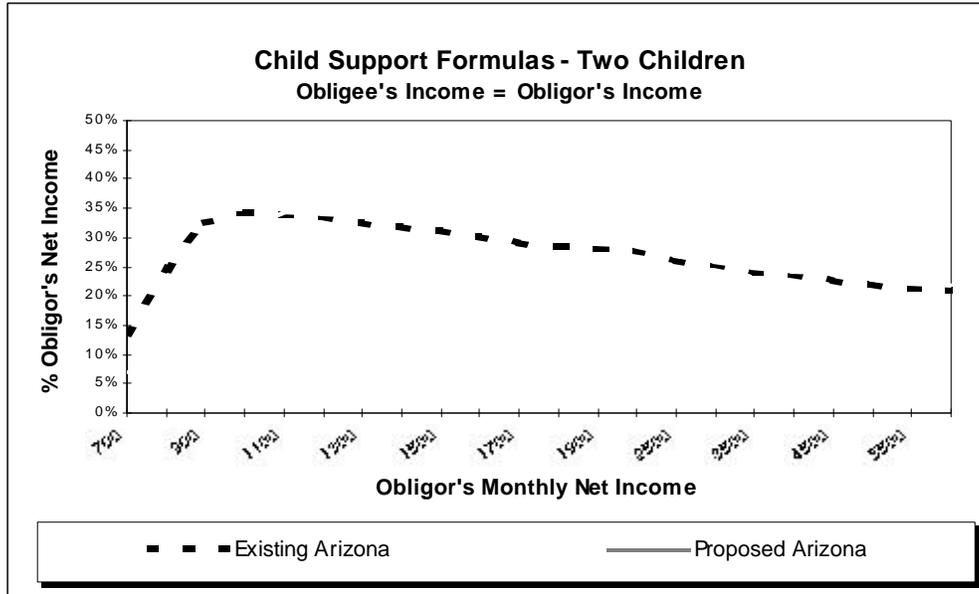
Figure 4



CHILD SUPPORT FORMULAS - TWO CHILDREN
Obligee's Income = 50% of Obligor's Income

Support Due (\$\$ per month)			% of Obligor's Net Income		
Obligor's Net Monthly Income	Existing Arizona	Proposed Arizona	Obligor's Net Monthly Income	Existing Arizona	Proposed Arizona
700	95	50	700	14%	7%
800	195	113	800	24%	14%
900	295	213	900	33%	24%
1000	348	313	1000	35%	31%
1100	380	382	1100	35%	35%
1200	413	415	1200	34%	35%
1300	446	448	1300	34%	34%
1400	477	481	1400	34%	34%
1500	509	512	1500	34%	34%
1600	537	544	1600	34%	34%
1700	560	576	1700	33%	34%
1800	584	600	1800	32%	33%
1900	604	623	1900	32%	33%
2000	623	647	2000	31%	32%
2500	707	732	2500	28%	29%
3000	810	834	3000	27%	28%
3500	914	931	3500	26%	27%
4000	1014	1038	4000	25%	26%
4500	1103	1135	4500	25%	25%
5000	1200	1223	5000	24%	24%
5500	1300	1320	5500	24%	24%
6000	1376	1423	6000	23%	24%

Figure 5



CHILD SUPPORT FORMULAS - TWO CHILDREN
Obligee's Income = Obligor's Income

Support Due (\$\$ per month)			% of Obligor's Net Income		
Obligor's Net Monthly Income	Existing Arizona	Proposed Arizona	Obligor's Net Monthly Income	Existing Arizona	Proposed Arizona
700	95	50	700	14%	7%
800	195	113	800	24%	14%
900	295	213	900	33%	24%
1000	342	313	1000	34%	31%
1100	374	376	1100	34%	34%
1200	402	408	1200	34%	34%
1300	426	438	1300	33%	34%
1400	448	462	1400	32%	33%
1500	467	485	1500	31%	32%
1600	485	504	1600	30%	32%
1700	498	523	1700	29%	31%
1800	512	539	1800	28%	30%
1900	536	552	1900	28%	29%
2000	560	568	2000	28%	28%
2500	659	673	2500	26%	27%
3000	760	778	3000	25%	26%
3500	849	875	3500	24%	25%
4000	955	962	4000	24%	24%
4500	1032	1067	4500	23%	24%
5000	1109	1144	5000	22%	23%
5500	1185	1220	5500	22%	22%
6000	1261	1296	6000	21%	22%

COMBINED EFFECT OF INCREASES TAXES AND INCREASED PRICES

As discussed earlier, price levels have increased 10 percent from when the Arizona child support guidelines were last reviewed to now (1995-1999). Over the same time period, the average reduction in net income was 2.7 percent because of an increase in the effective tax rate. On the one hand, the change in the price level results in increases to the basic obligations in the proposed gross income schedule shown in Table 3. On the other hand, the reduced net income results in decreases to the basic obligations shown in Table 3. Combined, the effects generally offset each other. For example, the average increase in the basic obligations for one, two and three children is zero percent. However, the percentage difference ranges from -5.0 to 4.0. A comparison of the existing and proposed Schedules for one, two and three children is provided in Appendix IV.

Chapter VI

Summary and Conclusions

In part due to federal requirements, the Arizona Administrative Office is currently reviewing its child support guidelines. PSI has been contracted to provide technical assistance on this review. The federal government mandates that the review consider the most recent economic studies on child-rearing costs. This report discusses the most current economic studies on child-rearing costs, however, no studies have updated the economic estimates developed by Dr. David Betson, which are currently used as the base of the existing Arizona Schedule. As a result, no new economic estimates are used to update the Arizona Schedule. However, Dr. Betson's estimates, which are based on 1980-86 data from the Consumer Expenditure Survey, are updated for changes in the price level since the guidelines were last reviewed in 1995.

This report proposes an updated Schedule using Dr. Betson's estimates updated to 1999 price levels and in consideration of 1999 federal and state personal taxes and FICA. Because price levels have increased 10 percent since the Schedule was developed in 1995, there is a small increase in the basic support obligations as a proportion of net income. It is important to note, however, that the basic support obligations are not inflated by 10 percent across the board. Rather, the income intervals used to develop the schedule are inflated. For example, a combined *net* monthly income of \$1,000 which resulted in a basic support obligation of \$100 under the existing Schedule would be inflated in the proposed Schedule to a combined monthly *net* income of \$1,100 ($\$1,000 + 0.10 \times \$1,000$) and would be assigned a basic support obligation of \$100.

Once inflated, the basic support obligations were converted to a gross income Schedule using 1999 federal and state personal and FICA tax schedules. Because the effective tax rate is higher (2.7 percent on average) less income is available for child-rearing expenditures. This generally offsets the increase due to changes in the price level.

On average, there is a 0 percent change in the gross income Schedules for one, two and three children when both effects are considered. Yet, the percentage change varies between income groups. In some areas of the proposed Schedule, there is a proposed *increase* of 4 percent, whereas in other areas of the proposed Schedule there is a proposed *decrease* of 5 percent. In the areas where there is the proposed increase, the change in the price level has a larger effect than the change in the tax structure. Conversely, in the areas of the proposed Schedule with a proposed decrease, the effect of the change in the tax structure is larger than the effect from the change in the price level.

In this report, we have also examined the self support reserve used to adjust for low-income obligors. The current self support reserve is set at \$645 gross per month, it approximates the 1995 federal poverty guidelines for one person. We recommend

increasing the self support reserve to \$780 gross per month which reflects the 1999 federal poverty guidelines.

In summary, the updated Schedule only results in small differences from the existing Schedule. On the one hand, the change is not large enough to warrant adopting the proposed Schedule. On the other hand, adoption of the proposed Schedule would be a gradual change that could thwart the need for adopting a Schedule with large changes in the future.

Appendix I

Technical Considerations in Developing Schedule of Support Obligations

The development of a schedule of child support obligations is fairly complex in that it requires (1) the use of multiple data sources (e.g. Consumer Expenditure Surveys); (2) decisions about how to treat certain classes of expenditures (e.g. medical care); (3) intermediate calculations (e.g. how to translate expenditures on children to a proportion of net income); and (4) assumptions (e.g. how to estimate expenditures on children, computation of taxes in estimating net income). The purpose of this technical appendix is to explain the procedures used in developing the table of support proportions (i.e. expenditures on children as a proportion of household net income for various levels of income and numbers of children) and, therefore, the proposed Schedule of Basic Child Support Obligations.

PARENTAL EXPENDITURES ON CHILDREN

The effort to build a schedule of support obligations begins with decisions about how to measure parental expenditures on children. Obviously, those expenditures can not be observed directly, primarily because many expenditures (e.g. shelter, transportation) are shared among household members. For example, in a two-adult, two-child household, what proportion of a new car's cost should be attributed to the children? Since child expenditures cannot be measured directly, an indirect method must be defined to estimate those expenditures. The common element of all the estimation methods is that they attempt to allocate expenditures to the children based on a comparison of expenditure patterns in households with and without children and which are deemed to be equally well off.

There are numerous estimation techniques available and they are described succinctly in a 1990 Lewin/ICF report to the U.S. Department of Health and Human Services. The two techniques that appear to offer the most sound theoretical bases are the Engel and Rothbarth estimators. The Engel approach estimates child expenditures based on total household expenditures on food. Economists believe child expenditures estimates using this approach represent an upper bound to those expenditures. The Rothbarth approach, on the other hand, estimates child expenditures based on the level of household expenditures on adult goods (e.g. adult clothing, alcohol, tobacco). Child expenditures using this approach are believed to represent a lower bound to expenditures. Again, the Lewin/ICF report cited above presents a clear description of the approaches and of their merits and limitations as estimators of child expenditures. The support schedule defined in this report is based on the Rothbarth approach.

Data on Household Expenditures

The ideal database for estimating child-rearing expenditures would be one that itemized household consumption expenses by cost category and by each individual in the household. There is no existing database that provides this level of detail. Moreover, since 90 percent of household expenditures are shared, it is unlikely that such a database will ever exist if only because it would be impossible to allocate expenditures with any level of precision to individual household members.

The database most commonly used to estimate child expenditures is the Consumer Expenditure Survey (CEX). As the aforementioned Lewin/ICF report says of the CEX, "It is by far the best available source of information for implementing the techniques for estimating expenditures on children..." (p. 3-1). The Espenshade and Rothbarth models presented in this report are based on household expenditure data reported in the CEX.

Even though the CEX may be the best database to estimate child expenditures, it has some limitations that are important to the development of a schedule of child support obligations, especially a schedule based on an income shares concept. They include:

- ❖ Only a few items in the CEX (i.e. adult clothing, alcohol, tobacco) are solely "adult" expenditures;
- ❖ It is impossible to distinguish between "necessary" child care expenses (e.g. those incurred to allow someone to work) from "discretionary" expenses;
- ❖ Medical expenses on children cannot be distinguished from expenses on adult household members; and
- ❖ The CEX likely understates total household income.

The first issue is of concern because the Rothbarth technique estimates child expenditures by examining how adult expenditures are affected by the addition of a child to the household; that is, asking how much of total expenditures is displaced (i.e. transferred from the adults to the children) when a child is added to the household. The precision of the technique would be improved if there were more items that were clearly adult expenses.

The second and third issues are of concern because the support schedule developed for Arizona establishes a "basic" support obligation to which is added the parental share of expenditures for child care and unreimbursed medical expenses. The assumptions used to deal with these limitations are discussed later in this appendix.

The CEX is much like every survey that attempts to capture income information; that is, there is likely to be underreporting or nonreporting of income. Staff at the Bureau of Labor Statistics, which administers the survey, suggest that income reported in the CEX is too low relative to expenditures. There are, however, no theoretically-based methods to adjust income for this problem and so no adjustment is applied.

CHILD EXPENDITURES AS A PROPORTION OF NET INCOME

Using the Rothbarth estimation technique and CEX data from 1980-86, David Betson computed child expenditures for 1, 2 and 3-child households. These expenditures are related to total consumption spending in the expression EC/C , where EC = expenditures on children and C = total consumption expenditures. In order to estimate EC as a proportion of net income (NI), the relationship between NI and C must be computed. This can be done from the CEX because of the detailed itemization of expenditures.

Under the approach used to develop the income shares model, net income is computed independently using CEX data on gross income (GI) and on itemized deductions for (1) federal, state and local taxes, including personal property taxes; (2) social security (FICA) taxes; and (3) union dues, which are considered to be mandatory employment expenses. Thus,

$$NI = GI - \text{taxes} - \text{FICA} - \text{union dues}$$

In relation to consumption, net income is greater by the amount of spending that is not related to consumption. This includes, for example, spending on contributions, savings, personal insurance and pensions. Included in the category of savings are principal payments on a home mortgage (interest payments are counted as household consumption) and changes in net worth (i.e. net change in assets - net change in liabilities).

For low income households, consumption expenditures may exceed the net income figure derived by subtracting taxes and other items from gross income. Thus, consumption as a proportion of net income (C/NI) exceeds 100 percent. In these instances, the C/NI ratio is set at 1.0. For example, in Betson's calculations, consumption expenditures exceeded net income for the lowest four income ranges (i.e. all households with annual net incomes below \$33,449 per year in March 1999 dollars). This outcome may be partially related to reported difficulties of measuring income in the CEX as discussed above. As shown in Table I-1 below, the measured ratio of consumption expenditures to net income ranged from 3.300 for households with annual net incomes less than \$11,150 to 0.648 for households with annual net incomes above \$111,504.

Table I-1
NET INCOME AND CONSUMPTION AT SELECTED NET INCOME
INTERVALS

Net Income Interval (1999 \$)	Income Midpoint (1983 \$)	Number of Observations	Consumption Spending (C) (1983)	C/NI
Less than \$11,154	\$ 3,333	220	\$10,999	3.300
\$11,155 - \$16,730	\$ 8,333	337	\$12,549	1.506
\$16,731 - \$22,308	\$11,667	479	\$14,759	1.265
\$22,309 - \$27,885	\$15,000	667	\$16,275	1.085
\$27,886 - \$33,461	\$18,333	741	\$18,571	1.013
\$33,462 - \$39,039	\$21,667	809	\$20,475	0.945
\$39,040 - \$44,616	\$25,000	877	\$22,725	0.909
\$44,617 - \$50,194	\$28,333	791	\$24,026	0.848
\$50,195 - \$55,770	\$31,667	706	\$26,704	0.843
\$55,771 - \$66,925	\$35,000	1103	\$28,105	0.803
\$66,926 - \$78,081	\$43,333	651	\$34,016	0.785
\$78,082 - \$89,313	\$50,000	419	\$37,800	0.756
\$89,314 - \$101,389	\$56,667	239	\$40,857	0.721
\$100,390 - \$111,542	\$63,333	151	\$44,966	0.710
\$111,543+	\$84,833	329	\$54,972	0.648

Total consumption expenditures are related to net income by the expression C/NI. Expenditures on children are related to consumption by the expression EC/C. Multiplying the two expressions provides a ratio of child expenditures to net income (EC/NI).

$$EC/C \times C/NI = EC/NI$$

Treatment of Selected Factors

Specific questions have been raised in other states that have incorporated the new Rothbarth/Betson estimates about the treatment of various types of expenditures. Specifically, there have been questions about adjustments for (1) teenage clothing; (2) child care; (3) medical expenses; (4) durable goods, particularly housing; and (5) savings.

Teenage Clothing

Clothing expenditures in the CEX for children beyond the age of 15 years are classified with other adult clothing expenditures. Therefore, it is necessary to estimate expenditures for 16-18 year old children based on clothing expenditure data for other children. The Rothbarth clothing cost estimates for teenagers get smaller as the child ages and actually are negative for 16-18 year old children. To correct for this anomaly, Betson assumed that the costs for children ages 13-18 years were the same as the costs for a 12 year old child.

Child Care

The current Arizona support schedule and the Rothbarth version of the model presented in this report exclude the costs of child care. Instead, in the child support calculation, the actual costs are prorated between the parents based on their relative proportions of net income and added to the basic support obligation. There are several reasons for this approach:

- ❖ They represent a large variable expenditure and are not incurred by all households; usually only in households with a working custodial parent and one or more young children.
- ❖ Where child care costs occur, they generally represent a large proportion of total child expenditures, particularly in households with children under 6 years of age.
- ❖ Treating child care costs separately maximizes the custodial parent's marginal benefits of working. If not treated separately, the economic benefits of working are reduced substantially. One of the principles incorporated into the Income Shares model is that the method of computing a child support obligation should not be a deterrent to participation in the work force.

Since the CEX itemizes child care expenditures, an adjustment can be made directly to EC/C. For example, Table I-3 at the end of this appendix shows that for two-child households in the \$33,451-\$42,376 income range, EC/C = 36.73 percent. Child care (CC) as a proportion of consumption for that same income range is 1.72 percent (0.86 percent x 2 children). For this income range, a revised EC/C which excludes child care costs is:

$$\text{Revised EC/C} = 36.73 - 1.72 = 35.01 \text{ percent}$$

Medical Expenses

Like expenses for child care, the current Arizona support schedule and the Rothbarth version of the model presented in this report exclude the child's share of costs for some medical expenses, specifically including the costs of health insurance premiums and extraordinary, or unreimbursed medical expenses. There are two principal reasons these costs are excluded from the model:

- ❖ Federal regulations (45 CFR 306.51) require that the obligor carry health insurance that covers the child if available through the employer at a reasonable cost.
- ❖ Unreimbursed medical expenses (i.e. those not covered by or that exceed insurance reimbursement) are highly variable across households and can constitute a large proportion of expenditures on a child. Orthodontia, psychiatric therapy, asthma treatments, and extended physical therapy may be among the expenses not covered.

Deciding what proportion of unreimbursed medical expenses might be considered extraordinary is difficult. We have elected to assume that some unreimbursed medical expenses (e.g. non-prescription medications, well visits to doctors) should be considered routine and not extraordinary. For the purposes of estimating support proportions, extraordinary medical expenses are defined as the amount of expenditures that exceed \$250 per family member. This amount, deflated to 1983 dollars, was subtracted from the reported costs of unreimbursed medical expenses in computing the proportion of medical expenses that should be considered extraordinary.

While the CEX itemizes unreimbursed medical expenses and health insurance premium costs, it does not allocate expenses to individual household members. Thus, a method must be developed for excluding those expenditures from EC/C. There are two steps in this process. First, the child's share of those medical expenses (M) must be determined. That calculation assumes that the child's share is the same as his/her share of all household expenditures (EC/C). Thus, for a two-child household in the \$33,451-\$42,376 net annual income range, the child's share of these expenses would be 36.73 percent (i.e. EC/C for two children) of 2.31 percent (i.e. medical expenses as a proportion of consumption for a household in that income range). The children's share of medical expenses is therefore 0.85 percent of consumption expenditures. This proportion is subtracted from EC/C to arrive at an adjusted EC/C.

$$\text{Revised EC/C} = 36.73 - 0.85 = 35.88 \text{ percent}$$

Durable Goods

The largest durable goods expenditures are for housing and transportation. Housing costs are treated in the following manner:

- ❖ For housing that is owned or being purchased: only taxes and interest payments are counted as expenditures. Payments of principal are counted as savings.
- ❖ For housing that is rented: all rental costs are counted as consumption expenditures.

The purchase price of an automobile is not counted as an expenditure, however the interest payments made on an automobile loan are counted. This approach may underestimate total expenditures, particularly in the situation where the automobile is purchased for cash. The ideal approach to counting such a purchase would be to include

as consumption the rental value of the automobile, not the net purchase price. The rental value, however, cannot be defined by the data.

With regard to other durable goods (e.g. television, toaster oven), their purchase prices are counted as consumption expenditures. The interest payments on consumer debt associated with those purchases are also counted as expenditures, since there is no way to link interest payments to individual purchases. Therefore, there is some double counting of expenditures for these durable goods items.

Savings

Savings are not counted as consumption expenditures. Rather, they are counted as residual expenditures; that is, part of all non-consumption spending which is the difference between net income and consumption. Income specifically itemized as savings and retirement contributions fall into this residual category. Also, as noted above, the category includes principal payments on home mortgages and the purchase price of automobiles. Since savings are a residual and therefore not calculated independently, there is no implicit savings rate that is applied to the calculation of expenditures on children as a proportion of net income.

Effect of Adjustments on Proportional Expenditures

Table I-4 at the end of this appendix illustrates for two children how adjustments for child care expenditures and medical expenses (health insurance and unreimbursed medical costs) are factored into the computation of a proportion that relates expenditures on children to net income. The table uses a two-child household as an example, but the same procedure was applied to one and three-child households using the information presented in Table I-3. Thus, for two-child households in \$33,451-\$42,376 annual income range, child expenditures were estimated at 36.73 percent of consumption expenditures (EC/C). Child care (CC/C = 1.72 percent of household consumption expenditures) and medical expenses attributable to the child (M/C = 0.85 percent of household consumption expenditures) were subtracted from EC/C. This new amount (34.16 percent) was multiplied by the ratio of household consumption to net income (C/NI = .945) of that net income range. The resulting figure $EC^*/NI = 32.28$ percent relates child expenditures to net income for the \$33,451-\$42,376 net annual income range.

Adjustments for the Number of Children

Betson's estimates of child expenditures for one, two, and three-child households are based on actual household income and expenditure data for 8,519 two-parent families with at least one child under 18 years of age. He did not compute proportions for households with greater numbers of children because of the small sample sizes in the database. Betson computed his proportions for one, two and three-child households in the following manner:

- ❖ Take the midpoint of the annual net income ranges expressed in March 1999 dollars and deflate the amount to 1983 dollars by the Consumer Price Index ($1.662/0.996 = 1.669$). The top interval uses the average net income (\$128,868 in 1999 dollars) of households in that interval rather than the midpoint.
- ❖ Multiply the net income midpoint by the average ratio of consumption expenditures to net income. For income ranges where the ratio exceeded 1.0, expenditures were assumed to equal net income.
- ❖ Take the level of annual expenditures and determine what proportion is spent on one, two and three children. Using his Rothbarth estimates, Betson computed the average percentage spent over all the years the children were with their parents. That is, for one child he computed the average over 18 years. For two and three-child households, he assumed that the children differed in age by two years. Thus, for two-child households, he computed the average over a 16-year period when both children were in the household. Similarly, for three-child households, he computed the average over 14 years.

Adjustments to these data were necessary to extend the support proportions for one, two, and three children to four, five, and six-child households. However, there were no clear guides about how to accomplish this task. Based on a comparison of the Espenshade and Rothbarth parameters, however, we observed that on average the Rothbarth parameters produced estimates that were about 83 percent of those produced using the Espenshade parameters. For example, Espenshade's estimates showed a 55 percent increase in child expenditures as a second child was added to the household and a 25 percent increase for the addition of a third child. Betson's Rothbarth estimates showed an average 47 percent increase with the addition of a second child and a 20 percent increase with the addition of a third child. We assumed there would be an equivalent difference between the Espenshade and Rothbarth proportions as the number of children in the household increased. Based on this assumption, Betson's findings were extended to four, five and six-child households using the multipliers shown in Table I-2 below.

The multipliers were used as constants for all income ranges.

The decreasing size of the multiplier as the number of children increases reflects two phenomena: (1) economies of scale as more children are added to the household (e.g. sharing of household items); and (2) reallocation of expenditures. The reallocation occurs as adults reduce their share of expenditures to provide for more children and as each child's share of expenditures is reduced to accommodate the needs of additional children. That is, as there are more people to share the economic pie, the share for each family member must decrease.

TABLE OF SUPPORT PROPORTIONS

The result of the computations and adjustments discussed above is a table of support proportions that relates child expenditures in one to six-child households to various levels of net income. These relationships are displayed in Table I-5 at the end of this appendix.

Table I-2
EXTENDING THE ROTHBARTH SUPPORT PROPORTIONS TO
FOUR, FIVE AND SIX-CHILD HOUSEHOLDS

Number of Children	Espenshade Increase (As % of 3-Child Proportion) ¹	Rothbarth Increase Computation	Rothbarth Multipliers
4	12.74%	$12.74\% \times .827^2 = 10.5\%$	1.105 x 3 child proportion
5	22.93%	$(22.93\% - 12.74\%) \times .827 = 8.4\%$	1.084 x 4 child proportion
6	31.42%	$(31.42\% - 22.93\%) \times .827 = 7.0\%$	1.070 x 5 child proportion

¹Development of Guidelines for Child Support Orders: Final Report, p.II-37.

²For one to three children, the Rothbarth parameters yield increases in child-rearing expenditures as a proportion of net income that average about 82.7 percent of the increase in proportions yielded by the Espenshade parameters.

Adjusting Income Brackets

The data Betson used for his computations were from the time period 1980 through 1986. The database included both nominal and constant dollar amounts, with the base period being May 1993. In order to develop a table of support proportions aligned to 1999 income ranges, Betson used a Consumer Price Index (CPI-U) inflator and applied it to the 1983 incomes on the database.

Computing Marginal Proportions

The table of support proportions shown in Table I-5 links the proportion of net income spent on one to six children to different annual net income ranges. The proportions, however, are meant to apply only at the midpoints of each income range. In order to obtain a smooth transition in support obligations between income ranges, marginal proportions were computed. This adjustment eliminates notches in support obligations that would otherwise be created as parents move from one income range to another.

For example, assume we have two, two-child households, one at the \$2,323-\$2,787 net monthly income range and the second at the next highest range (\$2,788-\$3,252). The proportion of net income spent on the two children in the lower income household is estimated to be 33.88 percent. The comparable proportion in the higher income household is estimated to be 32.28 percent. If actual income in the first household were \$2,750, the total support obligation would be \$932 monthly ($\$2,750 \times .3338$). If actual

income in the second household were \$2,800, the total monthly support obligation would be \$903 ($\$2,800 \times .3228$); \$28 less per year than the support obligation in the lower income household. The use of marginal proportions between the midpoints of income ranges eliminates this effect and creates a smooth increase in the total support obligation as household income increases.

The marginal proportions between income midpoints are established by computing the support obligation at the two midpoints and dividing the difference in the support obligation amounts by the income difference between the two midpoints. For example, the marginal proportion between the midpoints of the above income ranges, \$2,986 and \$3,446 net income for two-child households, would be computed in the following manner:

	Monthly Net Income Ranges	
Income midpoints	\$2,555.66	\$3,019.52
Midpoint difference	\$464	
Support proportion	33.38%	32.283%
Support obligation	\$866	\$975
Obligation difference	\$109	
Marginal proportion	23.49%	

Using the example above of one two-child household with \$2,750 and another with \$2,800 of annual net income, support obligations using the marginal proportion approach results in a monthly support obligation for the lower income household of \$887 compared to \$896 for the higher income household.

Translating Gross to Net Income

Since the table of support proportions is defined in terms of net income, it can be applied regardless of how tax structures change. To use the table to develop a schedule of support obligations, however, requires that the tax structure be defined so that net income can be calculated. It would, of course, be possible to discard the support schedule and use the table of support proportions to compute a support obligation for each individual household. This approach would be able to accommodate the unique tax situation of each household. Yet, it would also involve complexities in terms of the time required to gather all the relevant information and the staff to administer the process.

The support schedule defined in this report represents a general approach to computing support obligations that can be applied quickly and easily. As with other general approaches, however, it has limitations, the greatest being that it requires assumptions about how to measure gross income and how to estimate net income from a given gross income.

Federal and State Taxes and FICA

The assumptions made about gross income are that it is all taxable and that it is taxable at the same rate. That is, all income is treated as if it is earned income subject to federal and state withholding and FICA taxes. Tax rates prevailing in 1999 were used to convert gross income to net.

Using the employer schedule, taxes are computed assuming (1) all income is earned by the obligor (i.e. the tax rates for a single person are used); and (2) two withholding allowances, based on instructions in the employer tax guide. (The use of two withholding allowances simulates the effect of one standard deduction and one exemption allowed when filing personal income tax returns). Income tax and FICA rates defined in the 1999 employer schedule were used to estimate total taxes on a given gross income.

State income taxes are computed from state statute [A.R.S. 43-1011 and A.R.S-1042]. The obligor is assumed to claim one exemption and one deduction.

Beginning in calendar year 1994, the Earned Income Tax Credit is available to single wage earners. The credit applies only to low income wage earners and only affects gross incomes up to about \$800 per month. Thus, its inclusion does not substantially affect net income, as shown in Appendix II.

Impact of Assumptions on Net Income

If anything, the generalized approach to computing net income from gross income underestimates total household net income. The reason is that accounting for the income of two parents and/or additional exemptions for children reduces total income taxes and thus increases net income. The result is that total support obligations using the table of support proportions are usually higher when an attempt is made to accommodate the actual tax situation of individual households.

**Table I-3
PARENTAL EXPENDITURES ON CHILDREN**

Net Income Interval (1999 \$)	Consumption as a % of Net Income	Expenditures on Children as a % of Total Consumption Expenditures (Rothbarth Parameters)			Child Care \$ as a % of Consumption (per child)	Medical \$ as a % of Consumption
		One Child	Two Children	Three Children		
Less than \$11,154	330.0%	25.64%	37.82%	45.26%	.62%	1.66%
\$11,155 - \$16,730	150.6%	25.44%	37.48%	44.82%	.69%	1.34%
\$16,731 - \$22,308	126.5%	25.28%	37.20%	44.47%	.81%	2.11%
\$22,309 - \$27,885	108.5%	25.15%	36.99%	44.20%	.89%	2.35%
\$27,886 - \$33,461	101.3%	25.05%	36.83%	44.00%	1.06%	2.25%
\$33,462 - \$39,039	94.5%	24.99%	36.73%	43.87%	.86%	2.31%
\$39,040 - \$44,616	90.9%	24.94%	36.64%	43.76%	1.17%	2.04%
\$44,617 - \$50,194	84.8%	24.91%	36.59%	43.70%	1.15%	2.00%
\$50,195 - \$55,770	84.3%	24.85%	36.50%	43.58%	1.28%	2.07%
\$55,771 - \$66,925	80.3%	24.80%	36.41%	43.46%	1.21%	1.87%
\$66,926 - \$78,081	78.5%	24.72%	36.27%	43.30%	1.25%	2.11%
\$78,082 - \$89,313	75.6%	24.66%	36.18%	43.17%	1.14%	2.21%
\$89,314 - \$101,389	72.1%	24.62%	36.10%	43.07%	.99%	2.00%
\$100,390 - \$111,542	71.0%	24.56%	36.01%	42.96%	.76%	2.38%
\$111,543+	64.8%	24.50%	35.90%	42.82%	.87%	1.90%

Table I-4
CHILD EXPENDITURES AS A PROPORTION OF NET INCOME
Based on Betson/Rothbarth Estimates

Net Income Range	EC/C (2 children)	CC/C	M/C	C/NI	EC*/NI
Less than \$11,154	37.82%	1.24%	0.63%	> 1.0	35.95%
\$11,155 - \$16,730	37.48%	1.38%	0.50%	> 1.0	35.60%
\$16,731 - \$22,308	37.20%	1.62%	0.78%	> 1.0	34.80%
\$22,309 - \$27,885	36.99%	1.78%	0.87%	> 1.0	34.34%
\$27,886 - \$33,461	36.83%	2.12%	0.83%	> 1.0	33.88%
\$33,462 - \$39,039	36.73%	1.72%	0.85%	.945	32.28%
\$39,040 - \$44,616	36.64%	2.34%	0.75%	.909	30.50%
\$44,617 - \$50,194	36.59%	2.30%	0.73%	.848	28.46%
\$50,195 - \$55,770	36.50%	2.56%	0.76%	.843	27.97%
\$55,771 - \$66,925	36.41%	2.42%	0.68%	.803	26.75%
\$66,926 - \$78,081	36.27%	2.50%	0.77%	.785	25.91%
\$78,082 - \$89,313	36.18%	2.28%	0.80%	.756	25.02%
\$89,314 - \$101,389	36.10%	1.98%	0.72%	.721	24.08%
\$100,390 - \$111,542	36.01%	1.53%	0.86%	.710	23.88%
\$111,543+	35.90%	1.74%	0.68%	.648	21.69%

EC/C = Expenditures on children as a proportion of consumption expenditures
CC/C = Child care expenditures as a proportion of consumption expenditures
M/C = Medical expenditures as a proportion of consumption expenditures
C/NI = Consumption expenditures as a function of net income
EC*/NI = Adjusted expenditures on children as a proportion of net income
EC*/NI = (EC/C - CC/C - M/C) x C/NI

Table I-5
TABLE OF SUPPORT PROPORTIONS
Rothbarth Parameters

Net Income Ranges	Number of Children					
	One	Two	Three	Four	Five	Six
Less than \$11,154	0.2459	0.3595	0.4265	0.4713	0.5109	0.5466
\$11,155 - \$16,730	0.2353	0.3560	0.4215	0.4658	0.5049	0.5402
\$16,731 - \$22,308	0.2394	0.3480	0.4110	0.4542	0.4923	0.5268
\$22,309 - \$27,885	0.2367	0.3434	0.4049	0.4474	0.4850	0.5190
\$27,886 - \$33,461	0.2343	0.3388	0.3983	0.4401	0.4771	0.5105
\$33,462 - \$39,039	0.2226	0.3228	0.3806	0.4206	0.4559	0.4878
\$39,040 - \$44,616	0.2114	0.3050	0.3578	0.3953	0.4285	0.4585
\$44,617 - \$50,194	0.1973	0.2846	0.3339	0.3690	0.4000	0.4280
\$50,195 - \$55,770	0.1944	0.2797	0.3274	0.3618	0.3922	0.4196
\$55,771 - \$66,925	0.1857	0.2675	0.3133	0.3462	0.3753	0.4016
\$66,926 - \$78,081	0.1801	0.2591	0.3033	0.3351	0.3633	0.3887
\$78,082 - \$89,313	0.1737	0.2502	0.2933	0.3241	0.3513	0.3759
\$89,314 - \$101,389	0.1668	0.2408	0.2829	0.3126	0.3389	0.3626
\$100,390 - \$111,542	0.1648	0.2388	0.2815	0.3111	0.3372	0.3608
\$111,543+	0.1501	0.2169	0.2553	0.2821	0.3058	0.3272

06/01/1999

**Appendix II
Gross-To-Net-Income
Conversion Table**

**Arizona
1999 FEDERAL AND STATE TAXES
GROSS TO NET INCOME CONVERSION TABLE**

Gross Income Range	Taxable Income	Federal Tax	EITC	Arizona Taxable Income	Arizona StateTax	Local Tax	FICA	Total Taxes	Net Monthly Income
525 - 574.99	91.66	0	17.8	75	2.1525	0	42.08	26.428	523.5725
575 - 624.99	141.66	0	17.8	125	3.5875	0	45.9	31.688	568.3125
625 - 674.99	191.66	0	14.08	175	5.0225	0	49.73	40.668	609.3325
675 - 724.99	241.66	3.099	10.25	225	6.4575	0	53.55	52.857	647.1435
725 - 774.99	291.66	10.599	6.41	275	7.8925	0	57.38	69.457	680.5435
775 - 824.99	341.66	18.099	2.9	325	9.3275	0	61.2	85.727	714.2735
825 - 874.99	391.66	25.599		375	10.7625	0	65.03	101.39	748.6135
875 - 924.99	441.66	33.099		425	12.1975	0	68.85	114.15	785.8535
925 - 974.99	491.66	40.599		475	13.6325	0	72.68	126.91	823.0935
975 - 1024.99	541.66	48.099		525	15.0675	0	76.5	139.67	860.3335
1025 - 1074.99	591.66	55.599		575	16.5025	0	80.33	152.43	897.5735
1075 - 1124.99	641.66	63.099		625	17.9375	0	84.15	165.19	934.8135
1125 - 1174.99	691.66	70.599		675	19.3725	0	87.98	177.95	972.0535
1175 - 1224.99	741.66	78.099		725	20.8075	0	91.8	190.71	1009.294
1225 - 1274.99	791.66	85.599		775	22.2425	0	95.63	203.47	1046.534
1275 - 1324.99	841.66	93.099		825	23.6775	0	99.45	216.23	1083.774
1325 - 1374.99	891.66	100.6		875	51.92	0	103.3	255.79	1094.206
1375 - 1424.99	941.66	108.1		925	53.52	0	107.1	268.72	1131.281
1425 - 1474.99	991.66	115.6		975	55.12	0	110.9	281.64	1168.356
1475 - 1524.99	1041.66	123.1		1025	56.72	0	114.8	294.57	1205.431
1525 - 1574.99	1091.66	130.6		1075	58.32	0	118.6	307.49	1242.506
1575 - 1624.99	1141.66	138.1		1125	59.92	0	122.4	320.42	1279.581
1625 - 1674.99	1191.66	145.6		1175	61.52	0	126.2	333.34	1316.656
1675 - 1724.99	1241.66	153.1		1225	63.12	0	130.1	346.27	1353.731
1725 - 1774.99	1291.66	160.6		1275	64.72	0	133.9	359.19	1390.806
1775 - 1824.99	1341.66	168.1		1325	66.32	0	137.7	372.12	1427.881
1825 - 1874.99	1391.66	175.6		1375	67.92	0	141.5	385.04	1464.956
1875 - 1924.99	1441.66	183.1		1425	69.52	0	145.4	397.97	1502.031
1925 - 1974.99	1491.66	190.6		1475	71.12	0	149.2	410.89	1539.106
1975 - 2024.99	1541.66	198.1		1525	72.72	0	153	423.82	1576.181
2025 - 2074.99	1591.66	205.6		1575	74.32	0	156.8	436.74	1613.256
2075 - 2124.99	1641.66	213.1		1625	75.92	0	160.7	449.67	1650.331
2125 - 2174.99	1691.66	220.6		1675	77.52	0	164.5	462.59	1687.406
2175 - 2224.99	1741.66	228.1		1725	79.12	0	168.3	475.52	1724.481
2225 - 2274.99	1791.66	235.6		1775	80.72	0	172.1	488.44	1761.556
2275 - 2324.99	1841.66	243.1		1825	82.32	0	176	501.37	1798.631
2325 - 2374.99	1891.66	250.6		1875	83.92	0	179.8	514.29	1835.706

2375 - 2424.99	1941.66	258.1		1925	85.52	0	183.6	527.22	1872.781
2425 - 2474.99	1991.66	265.6		1975	87.12	0	187.4	540.14	1909.856
2475 - 2524.99	2041.66	273.1		2025	88.72	0	191.3	553.07	1946.931
2525 - 2574.99	2091.66	280.6		2075	90.32	0	195.1	565.99	1984.006
2575 - 2624.99	2141.66	288.1		2125	143.395	0	198.9	630.39	1969.606
2625 - 2674.99	2191.66	295.6		2175	145.265	0	202.7	643.59	2006.411
2675 - 2724.99	2241.66	298.76		2225	147.135	0	206.6	652.45	2047.55
2725 - 2774.99	2291.66	312.76		2275	149.005	0	210.4	672.14	2077.855
2775 - 2824.99	2341.66	326.76		2325	150.875	0	214.2	691.84	2108.16
2825 - 2874.99	2391.66	340.76		2375	152.745	0	218	711.53	2138.465
2875 - 2924.99	2441.66	354.76		2425	154.615	0	221.9	731.23	2168.77
2925 - 2974.99	2491.66	368.76		2475	156.485	0	225.7	750.92	2199.075
2975 - 3024.99	2541.66	382.76		2525	158.355	0	229.5	770.62	2229.38
3025 - 3074.99	2591.66	396.76		2575	160.225	0	233.3	790.31	2259.685
3075 - 3124.99	2641.66	410.76		2625	162.095	0	237.2	810.01	2289.99
3125 - 3174.99	2691.66	424.76		2675	163.965	0	241	829.7	2320.295
3175 - 3224.99	2741.66	438.76		2725	165.835	0	244.8	849.4	2350.6
3225 - 3274.99	2791.66	452.76		2775	167.705	0	248.6	869.09	2380.905
3275 - 3324.99	2841.66	466.76		2825	169.575	0	252.5	888.79	2411.21
3325 - 3374.99	2891.66	480.76		2875	171.445	0	256.3	908.48	2441.515
3375 - 3424.99	2941.66	494.76		2925	173.315	0	260.1	928.18	2471.82
3425 - 3474.99	2991.66	508.76		2975	175.185	0	263.9	947.87	2502.125
3475 - 3524.99	3041.66	522.76		3025	177.055	0	267.8	967.57	2532.43
3525 - 3574.99	3091.66	536.76		3075	178.925	0	271.6	987.26	2562.735
3575 - 3624.99	3141.66	550.76		3125	180.795	0	275.4	1007	2593.04
3625 - 3674.99	3191.66	564.76		3175	182.665	0	279.2	1026.7	2623.345
3675 - 3724.99	3241.66	578.76		3225	184.535	0	283.1	1046.3	2653.65
3725 - 3774.99	3291.66	592.76		3275	186.405	0	286.9	1066	2683.955
3775 - 3824.99	3341.66	606.76		3325	188.275	0	290.7	1085.7	2714.26
3825 - 3874.99	3391.66	620.76		3375	190.145	0	294.5	1105.4	2744.565
3875 - 3924.99	3441.66	634.76		3425	192.015	0	298.4	1125.1	2774.87
3925 - 3974.99	3491.66	648.76		3475	193.885	0	302.2	1144.8	2805.175
3975 - 4024.99	3541.66	662.76		3525	195.755	0	306	1164.5	2835.48
4025 - 4074.99	3591.66	676.76		3575	197.625	0	309.8	1184.2	2865.785
4075 - 4124.99	3641.66	690.76		3625	199.495	0	313.7	1203.9	2896.09
4125 - 4174.99	3691.66	704.76		3675	201.365	0	317.5	1223.6	2926.395
4175 - 4224.99	3741.66	718.76		3725	203.235	0	321.3	1243.3	2956.7
4225 - 4274.99	3791.66	732.76		3775	205.105	0	325.1	1263	2987.005
4275 - 4324.99	3841.66	746.76		3825	206.975	0	329	1282.7	3017.31
4325 - 4374.99	3891.66	760.76		3875	208.845	0	332.8	1302.4	3047.615
4375 - 4424.99	3941.66	774.76		3925	210.715	0	336.6	1322.1	3077.92
4425 - 4474.99	3991.66	788.76		3975	212.585	0	340.4	1341.8	3108.225
4475 - 4524.99	4041.66	802.76		4025	214.455	0	344.3	1361.5	3138.53
4525 - 4574.99	4091.66	816.76		4075	216.325	0	348.1	1381.2	3168.835
4575 - 4624.99	4141.66	830.76		4125	218.195	0	351.9	1400.9	3199.14
4625 - 4674.99	4191.66	844.76		4175	338.89	0	355.7	1539.4	3110.62
4675 - 4724.99	4241.66	858.76		4225	341.25	0	359.6	1559.6	3140.435
4725 - 4774.99	4291.66	872.76		4275	343.61	0	363.4	1579.7	3170.25
4775 - 4824.99	4341.66	886.76		4325	345.97	0	367.2	1599.9	3200.065
4825 - 4874.99	4391.66	900.76		4375	348.33	0	371	1620.1	3229.88
4875 - 4924.99	4441.66	914.76		4425	350.69	0	374.9	1640.3	3259.695
4925 - 4974.99	4491.66	928.76		4475	353.05	0	378.7	1660.5	3289.51

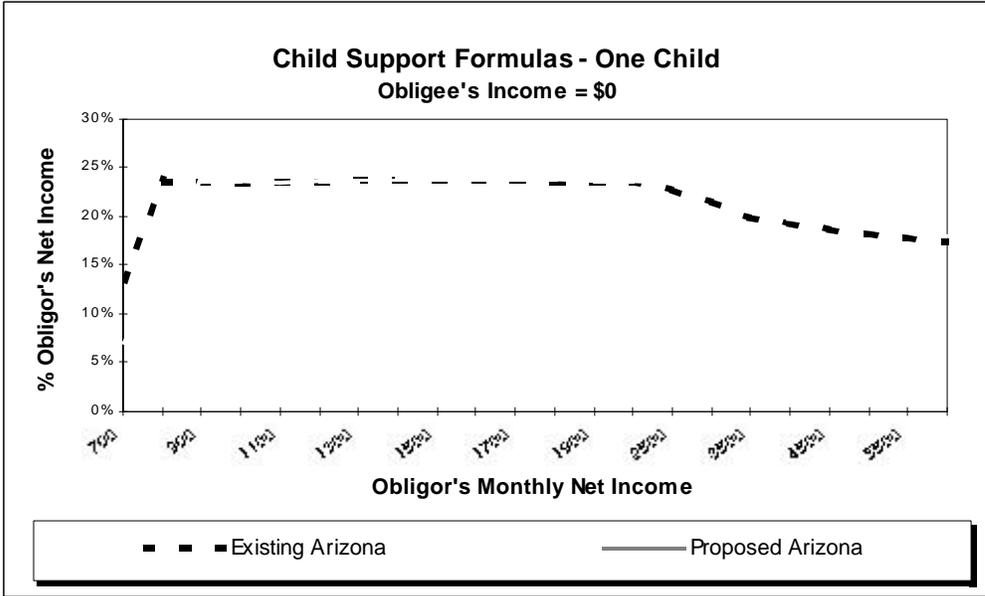
4975 - 5024.99	4541.66	942.76		4525	355.41	0	382.5	1680.7	3319.325
5025 - 5074.99	4591.66	956.76		4575	357.77	0	386.3	1700.9	3349.14
5075 - 5124.99	4641.66	970.76		4625	360.13	0	390.2	1721	3378.955
5125 - 5174.99	4691.66	984.76		4675	362.49	0	394	1741.2	3408.77
5175 - 5224.99	4741.66	998.76		4725	364.85	0	397.8	1761.4	3438.585
5225 - 5274.99	4791.66	1012.8		4775	367.21	0	401.6	1781.6	3468.4
5275 - 5324.99	4841.66	1026.8		4825	369.57	0	405.5	1801.8	3498.215
5325 - 5374.99	4891.66	1041.3		4875	371.93	0	409.3	1822.5	3527.53
5375 - 5424.99	4941.66	1056.8		4925	374.29	0	413.1	1844.2	3555.845
5425 - 5474.99	4991.66	1072.3		4975	376.65	0	416.9	1865.8	3584.16
5475 - 5524.99	5041.66	1087.8		5025	379.01	0	420.8	1887.5	3612.475
5525 - 5574.99	5091.66	1103.3		5075	381.37	0	424.6	1909.2	3640.79
5575 - 5624.99	5141.66	1118.8		5125	383.73	0	428.4	1930.9	3669.105
5625 - 5674.99	5191.66	1134.3		5175	386.09	0	432.2	1952.6	3697.42
5675 - 5724.99	5241.66	1149.8		5225	388.45	0	436.1	1974.3	3725.735
5725 - 5774.99	5291.66	1165.3		5275	390.81	0	439.9	1995.9	3754.05
5775 - 5824.99	5341.66	1180.8		5325	393.17	0	443.7	2017.6	3782.365
5825 - 5874.99	5391.66	1196.3		5375	395.53	0	447.5	2039.3	3810.68
5875 - 5924.99	5441.66	1211.8		5425	397.89	0	451.4	2061	3838.995
5925 - 5974.99	5491.66	1227.3		5475	400.25	0	455.2	2082.7	3867.31
5975 - 6024.99	5541.66	1242.8		5525	402.61	0	459	2104.4	3895.625
6025 - 6074.99	5591.66	1258.3		5575	404.97	0	462.8	2126.1	3923.94
6075 - 6124.99	5641.66	1273.8		5625	407.33	0	466.6	2144.6	3955.35
6125 - 6174.99	5691.66	1289.3		5675	409.69	0	464.3	2163.2	3986.765
6175 - 6224.99	5741.66	1304.8		5725	412.05	0	465	2181.8	4018.18
6225 - 6274.99	5791.66	1320.3		5775	414.41	0	465.7	2200.4	4049.595
6275 - 6324.99	5841.66	1335.8		5825	416.77	0	466.5	2219	4081.01
6325 - 6374.99	5891.66	1351.3		5875	419.13	0	467.2	2237.6	4112.425
6375 - 6424.99	5941.66	1366.8		5925	421.49	0	467.9	2256.2	4143.84
6425 - 6474.99	5991.66	1382.3		5975	423.85	0	468.6	2274.7	4175.255
6475 - 6524.99	6041.66	1397.8		6025	426.21	0	469.4	2293.3	4206.67
6525 - 6574.99	6091.66	1413.3		6075	428.57	0	470.1	2311.9	4238.085
6575 - 6624.99	6141.66	1428.8		6125	430.93	0	470.8	2330.5	4269.5
6625 - 6674.99	6191.66	1444.3		6175	433.29	0	471.5	2349.1	4300.915
6675 - 6724.99	6241.66	1459.8		6225	435.65	0	472.3	2367.7	4332.33
6725 - 6774.99	6291.66	1475.3		6275	438.01	0	473	2386.3	4363.745
6775 - 6824.99	6341.66	1490.8		6325	440.37	0	473.7	2404.8	4395.16
6825 - 6874.99	6391.66	1506.3		6375	442.73	0	474.4	2423.4	4426.575
6875 - 6924.99	6441.66	1521.8		6425	445.09	0	475.2	2442	4457.99
6925 - 6974.99	6491.66	1537.3		6475	447.45	0	475.9	2460.6	4489.405
6975 - 7024.99	6541.66	1552.8		6525	449.81	0	476.6	2479.2	4520.82
7025 - 7074.99	6591.66	1568.3		6575	452.17	0	477.3	2497.8	4552.235
7075 - 7124.99	6641.66	1583.8		6625	454.53	0	478.1	2516.3	4583.65
7125 - 7174.99	6691.66	1599.3		6675	456.89	0	478.8	2534.9	4615.065
7175 - 7224.99	6741.66	1614.8		6725	459.25	0	479.5	2553.5	4646.48
7225 - 7274.99	6791.66	1630.3		6775	461.61	0	480.2	2572.1	4677.895
7275 - 7324.99	6841.66	1645.8		6825	463.97	0	481	2590.7	4709.31
7325 - 7374.99	6891.66	1661.3		6875	466.33	0	481.7	2609.3	4740.725
7375 - 7424.99	6941.66	1676.8		6925	468.69	0	482.4	2627.9	4772.14
7425 - 7474.99	6991.66	1692.3		6975	471.05	0	483.1	2646.4	4803.555
7475 - 7524.99	7041.66	1707.8		7025	473.41	0	483.9	2665	4834.97
7525 - 7574.99	7091.66	1723.3		7075	475.77	0	484.6	2683.6	4866.385

7575 - 7624.99	7141.66	1738.8		7125	478.13	0	485.3	2702.2	4897.8
7625 - 7674.99	7191.66	1754.3		7175	480.49	0	486	2720.8	4929.215
7675 - 7724.99	7241.66	1769.8		7225	482.85	0	486.8	2739.4	4960.63
7725 - 7774.99	7291.66	1785.3		7275	485.21	0	487.5	2758	4992.045
7775 - 7824.99	7341.66	1800.8		7325	487.57	0	488.2	2776.5	5023.46
7825 - 7874.99	7391.66	1816.3		7375	489.93	0	488.9	2795.1	5054.875
7875 - 7924.99	7441.66	1831.8		7425	492.29	0	489.7	2813.7	5086.29
7925 - 7974.99	7491.66	1847.3		7475	494.65	0	490.4	2832.3	5117.705
7975 - 8024.99	7541.66	1862.8		7525	497.01	0	491.1	2850.9	5149.12
8025 - 8074.99	7591.66	1878.3		7575	499.37	0	491.8	2869.5	5180.535
8075 - 8124.99	7641.66	1893.8		7625	501.73	0	492.6	2888	5211.95
8125 - 8174.99	7691.66	1909.3		7675	504.09	0	493.3	2906.6	5243.365
8175 - 8224.99	7741.66	1924.8		7725	506.45	0	494	2925.2	5274.78
8225 - 8274.99	7791.66	1940.3		7775	508.81	0	494.7	2943.8	5306.195
8275 - 8324.99	7841.66	1955.8		7825	511.17	0	495.5	2962.4	5337.61
8325 - 8374.99	7891.66	1971.3		7875	513.53	0	496.2	2981	5369.025
8375 - 8424.99	7941.66	1986.8		7925	515.89	0	496.9	2999.6	5400.44
8425 - 8474.99	7991.66	2002.3		7975	518.25	0	497.6	3018.1	5431.855
8475 - 8524.99	8041.66	2017.8		8025	520.61	0	498.4	3036.7	5463.27
8525 - 8574.99	8091.66	2033.3		8075	522.97	0	499.1	3055.3	5494.685
8575 - 8624.99	8141.66	2048.8		8125	525.33	0	499.8	3073.9	5526.1
8625 - 8674.99	8191.66	2064.3		8175	527.69	0	500.5	3092.5	5557.515
8675 - 8724.99	8241.66	2079.8		8225	530.05	0	501.3	3111.1	5588.93
8725 - 8774.99	8291.66	2095.3		8275	532.41	0	502	3129.7	5620.345
8775 - 8824.99	8341.66	2110.8		8325	534.77	0	502.7	3148.2	5651.76
8825 - 8874.99	8391.66	2126.3		8375	537.13	0	503.4	3166.8	5683.175
8875 - 8924.99	8441.66	2141.8		8425	539.49	0	504.2	3185.4	5714.59
8925 - 8974.99	8491.66	2157.3		8475	541.85	0	504.9	3204	5746.005
8975 - 9024.99	8541.66	2172.8		8525	544.21	0	505.6	3222.6	5777.42
9025 - 9074.99	8591.66	2188.3		8575	546.57	0	506.3	3241.2	5808.835
9075 - 9124.99	8641.66	2203.8		8625	548.93	0	507.1	3259.7	5840.25
9125 - 9174.99	8691.66	2219.3		8675	551.29	0	507.8	3278.3	5871.665
9175 - 9224.99	8741.66	2234.8		8725	553.65	0	508.5	3296.9	5903.08
9225 - 9274.99	8791.66	2250.3		8775	556.01	0	509.2	3315.5	5934.495
9275 - 9324.99	8841.66	2265.8		8825	558.37	0	510	3334.1	5965.91
9325 - 9374.99	8891.66	2281.3		8875	560.73	0	510.7	3352.7	5997.325
9375 - 9424.99	8941.66	2296.8		8925	563.09	0	511.4	3371.3	6028.74
9425 - 9474.99	8991.66	2312.3		8975	565.45	0	512.1	3389.8	6060.155
9475 - 9524.99	9041.66	2327.8		9025	567.81	0	512.9	3408.4	6091.57
9525 - 9574.99	9091.66	2343.3		9075	570.17	0	513.6	3427	6122.985
9575 - 9624.99	9141.66	2358.8		9125	572.53	0	514.3	3445.6	6154.4
9625 - 9674.99	9191.66	2374.3		9175	574.89	0	515	3464.2	6185.815
9675 - 9724.99	9241.66	2389.8		9225	577.25	0	515.8	3482.8	6217.23
9725 - 9774.99	9291.66	2405.3		9275	579.61	0	516.5	3501.4	6248.645
9775 - 9824.99	9341.66	2420.8		9325	581.97	0	517.2	3519.9	6280.06
9825 - 9874.99	9391.66	2436.3		9375	584.33	0	517.9	3538.5	6311.475
9875 - 9924.99	9441.66	2451.8		9425	586.69	0	518.7	3557.1	6342.89
9925 - 9974.99	9491.66	2467.3		9475	589.05	0	519.4	3575.7	6374.305
9975 - 10025	9541.66	2482.8		9525	591.41	0	520.1	3594.3	6405.72
10025 - 10075	9591.66	2498.3		9575	593.77	0	520.8	3612.9	6437.135
10075 - 10125	9641.66	2513.8		9625	596.13	0	521.6	3631.4	6468.55
10125 - 10175	9691.66	2529.3		9675	598.49	0	522.3	3650	6499.965

10175 - 10225	9741.66	2544.8		9725	600.85	0	523	3668.6	6531.38
10225 - 10275	9791.66	2560.3		9775	603.21	0	523.7	3687.2	6562.795
10275 - 10325	9841.66	2575.8		9825	605.57	0	524.5	3705.8	6594.21
10325 - 10375	9891.66	2591.3		9875	607.93	0	525.2	3724.4	6625.625
10375 - 10425	9941.66	2606.8		9925	610.29	0	525.9	3743	6657.04
10425 - 10475	9991.66	2622.3		9975	612.65	0	526.6	3761.5	6688.455
10475 - 10525	10041.7	2637.8		10025	615.01	0	527.4	3780.1	6719.87
10525 - 10575	10091.7	2653.3		10075	617.37	0	528.1	3798.7	6751.285
10575 - 10625	10141.7	2668.8		10125	619.73	0	528.8	3817.3	6782.7
10625 - 10675	10191.7	2684.3		10175	622.09	0	529.5	3835.9	6814.115
10675 - 10725	10241.7	2699.8		10225	624.45	0	530.3	3854.5	6845.53
10725 - 10775	10291.7	2715.3		10275	626.81	0	531	3873.1	6876.945
10775 - 10825	10341.7	2730.8		10325	629.17	0	531.7	3891.6	6908.36
10825 - 10875	10391.7	2746.3		10375	631.53	0	532.4	3910.2	6939.775
10875 - 10925	10441.7	2761.8		10425	633.89	0	533.2	3928.8	6971.19
10925 - 10975	10491.7	2777.3		10475	636.25	0	533.9	3947.4	7002.605
10975 - 11025	10541.7	2792.8		10525	638.61	0	534.6	3966	7034.02
11025 - 11075	10591.7	2808.3		10575	640.97	0	535.3	3984.6	7065.435
11075 - 11125	10641.7	2823.8		10625	643.33	0	536.1	4003.1	7096.85
11125 - 11175	10691.7	2839.3		10675	645.69	0	536.8	4021.7	7128.265
11175 - 11225	10741.7	2854.8		10725	648.05	0	537.5	4040.3	7159.68
11225 - 11275	10791.7	2870.3		10775	650.41	0	538.2	4058.9	7191.095
11275 - 11325	10841.7	2885.8		10825	652.77	0	539	4077.5	7222.51
11325 - 11375	10891.7	2901.3		10875	655.13	0	539.7	4096.1	7253.925
11375 - 11425	10941.7	2916.8		10925	657.49	0	540.4	4114.7	7285.34
11425 - 11475	10991.7	2932.7		10975	659.85	0	541.1	4133.7	7316.322
11475 - 11525	11041.7	2950.7		11025	662.21	0	541.9	4154.8	7345.237
11525 - 11575	11091.7	2968.7		11075	664.57	0	542.6	4175.8	7374.152
11575 - 11625	11141.7	2986.7		11125	666.93	0	543.3	4196.9	7403.067
11625 - 11675	11191.7	3004.7		11175	669.29	0	544	4218	7431.982
11675 - 11725	11241.7	3022.7		11225	671.65	0	544.8	4239.1	7460.897
11725 - 11775	11291.7	3040.7		11275	674.01	0	545.5	4260.2	7489.812
11775 - 11825	11341.7	3058.7		11325	676.37	0	546.2	4281.3	7518.727
11825 - 11875	11391.7	3076.7		11375	678.73	0	546.9	4302.4	7547.642
11875 - 11925	11441.7	3094.7		11425	681.09	0	547.7	4323.4	7576.557
11925 - 11975	11491.7	3112.7		11475	683.45	0	548.4	4344.5	7605.472
11975 - 12025	11541.7	3130.7		11525	685.81	0	549.1	4365.6	7634.387
12025 - 12075	11591.7	3148.7		11575	688.17	0	549.8	4386.7	7663.302
12075 - 12125	11641.7	3166.7		11625	690.53	0	550.6	4407.8	7692.217
12125 - 12175	11691.7	3184.7		11675	692.89	0	551.3	4428.9	7721.132
12175 - 12225	11741.7	3202.7		11725	695.25	0	552	4450	7750.047
12225 - 12275	11791.7	3220.7		11775	697.61	0	552.7	4471	7778.962
12275 - 12325	11841.7	3238.7		11825	699.97	0	553.5	4492.1	7807.877
12325 - 12375	11891.7	3256.7		11875	702.33	0	554.2	4513.2	7836.792
12375 - 12425	11941.7	3274.7		11925	704.69	0	554.9	4534.3	7865.707
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12475 - 12525	12041.7	3310.7		12025	709.41	0	556.4	4576.5	7923.537
12525 - 12575	12091.7	3328.7		12075	711.77	0	557.1	4597.5	7952.452
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12625 - 12675	12191.7	3364.7		12175	716.49	0	558.5	4639.7	8010.282
12675 - 12725	12241.7	3382.7		12225	718.85	0	559.3	4660.8	8039.197
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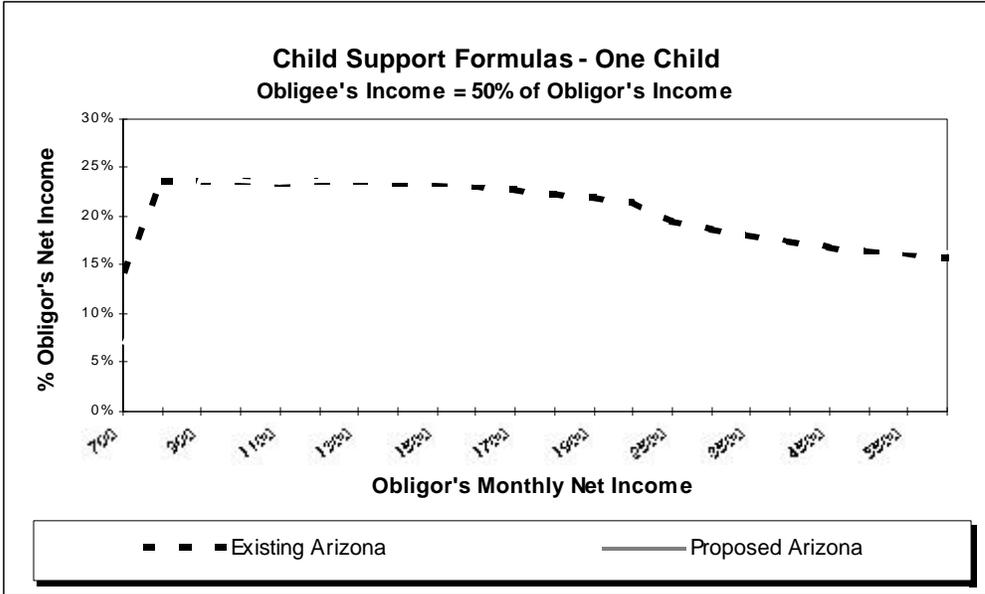
12775 - 12825	12341.7	3418.7		12325	723.57	0	560.7	4703	8097.027
12825 - 12875	12391.7	3436.7		12375	725.93	0	561.4	4724.1	8125.942
12875 - 12925	12441.7	3454.7		12425	728.29	0	562.2	4745.1	8154.857
12925 - 12975	12491.7	3472.7		12475	730.65	0	562.9	4766.2	8183.772
12975 - 13025	12541.7	3490.7		12525	1166.43	0	563.6	5220.7	7779.267
13025 - 13075	12591.7	3508.7		12575	1168.95	0	564.3	5242	7808.022
13075 - 13125	12641.7	3526.7		12625	1171.47	0	565.1	5263.2	7836.777
13125 - 13175	12691.7	3544.7		12675	1173.99	0	565.8	5284.5	7865.532
13175 - 13225	12741.7	3562.7		12725	1176.51	0	566.5	5305.7	7894.287
13225 - 13275	12791.7	3580.7		12775	1179.03	0	567.2	5327	7923.042
13275 - 13325	12841.7	3598.7		12825	1181.55	0	568	5348.2	7951.797
13325 - 13375	12891.7	3616.7		12875	1184.07	0	568.7	5369.4	7980.552
13375 - 13425	12941.7	3634.7		12925	1186.59	0	569.4	5390.7	8009.307
13425 - 13475	12991.7	3652.7		12975	1189.11	0	570.1	5411.9	8038.062
13475 - 13525	13041.7	3670.7		13025	1191.63	0	570.9	5433.2	8066.817
13525 - 13575	13091.7	3688.7		13075	1194.15	0	571.6	5454.4	8095.572
13575 - 13625	13141.7	3706.7		13125	1196.67	0	572.3	5475.7	8124.327
13625 - 13675	13191.7	3724.7		13175	1199.19	0	573	5496.9	8153.082
13675 - 13725	13241.7	3742.7		13225	1201.71	0	573.8	5518.2	8181.837
13725 - 13775	13291.7	3760.7		13275	1204.23	0	574.5	5539.4	8210.592
13775 - 13825	13341.7	3778.7		13325	1206.75	0	575.2	5560.7	8239.347
13825 - 13875	13391.7	3796.7		13375	1209.27	0	575.9	5581.9	8268.102
13875 - 13925	13441.7	3814.7		13425	1211.79	0	576.7	5603.1	8296.857
13925 - 13975	13491.7	3832.7		13475	1214.31	0	577.4	5624.4	8325.612
13975 - 14025	13541.7	3850.7		13525	1216.83	0	578.1	5645.6	8354.367
14025 - 14075	13591.7	3868.7		13575	1219.35	0	578.8	5666.9	8383.122
14075 - 14125	13641.7	3886.7		13625	1221.87	0	579.6	5688.1	8411.877
14125 - 14175	13691.7	3904.7		13675	1224.39	0	580.3	5709.4	8440.632
14175 - 14225	13741.7	3922.7		13725	1226.91	0	581	5730.6	8469.387
14225 - 14275	13791.7	3940.7		13775	1229.43	0	581.7	5751.9	8498.142
14275 - 14325	13841.7	3958.7		13825	1231.95	0	582.5	5773.1	8526.897
14325 - 14375	13891.7	3976.7		13875	1234.47	0	583.2	5794.3	8555.652
14375 - 14425	13941.7	3994.7		13925	1236.99	0	583.9	5815.6	8584.407
14425 - 14475	13991.7	4012.7		13975	1239.51	0	584.6	5836.8	8613.162
14475 - 14525	14041.7	4030.7		14025	1242.03	0	585.4	5858.1	8641.917
14525 - 14575	14091.7	4048.7		14075	1244.55	0	586.1	5879.3	8670.672
14575 - 14625	14141.7	4066.7		14125	1247.07	0	586.8	5900.6	8699.427
14625 - 14675	14191.7	4084.7		14175	1249.59	0	587.5	5921.8	8728.182
14675 - 14725	14241.7	4102.7		14225	1252.11	0	588.3	5943.1	8756.937
14725 - 14775	14291.7	4120.7		14275	1254.63	0	589	5964.3	8785.692
14775 - 14825	14341.7	4138.7		14325	1257.15	0	589.7	5985.6	8814.447
14825 - 14875	14391.7	4156.7		14375	1259.67	0	590.4	6006.8	8843.202
14875 - 14925	14441.7	4174.7		14425	1262.19	0	591.2	6028	8871.957
14925 - 14975	14491.7	4192.7		14475	1264.71	0	591.9	6049.3	8900.712
14975 - 15025	14541.7	4210.7		14525	1267.23	0	592.6	6070.5	8929.467

Appendix III
SCHEDULE COMPARISONS
One and Three Children



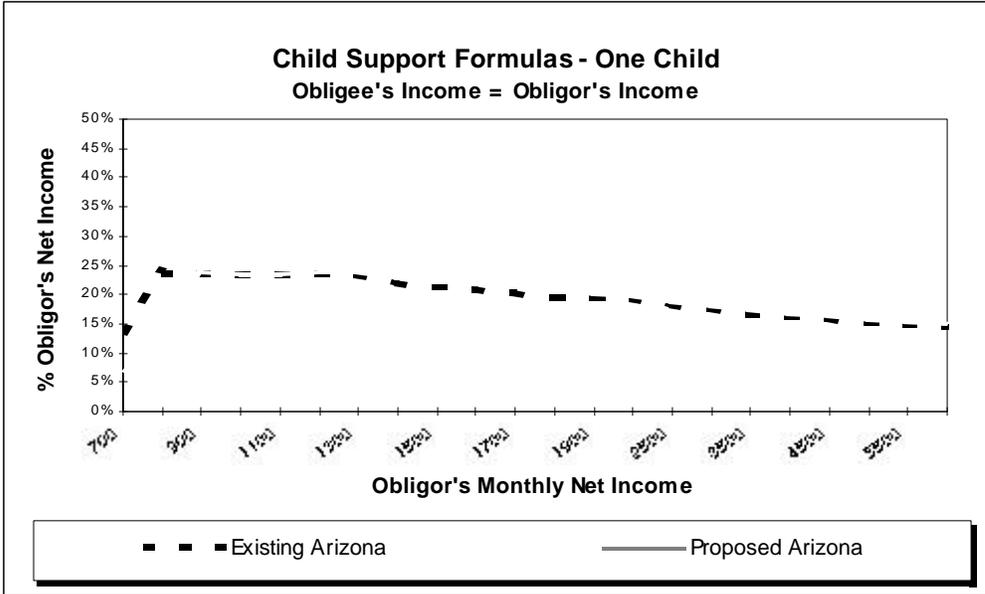
CHILD SUPPORT FORMULAS - ONE CHILD Obligee's Income = \$0

Support Due (\$\$ per month)			% of Obligor's Net Income		
Obligor's Net Monthly Income	Existing Arizona	Proposed Arizona	Obligor's Net Monthly Income	Existing Arizona	Proposed Arizona
700	95	50	700	14%	7%
800	190	113	800	24%	14%
900	213	213	900	24%	24%
1000	236	236	1000	24%	24%
1100	259	259	1100	24%	24%
1200	284	284	1200	24%	24%
1300	309	308	1300	24%	24%
1400	334	334	1400	24%	24%
1500	359	359	1500	24%	24%
1600	382	383	1600	24%	24%
1700	404	406	1700	24%	24%
1800	427	429	1800	24%	24%
1900	450	452	1900	24%	24%
2000	472	474	2000	24%	24%
2500	572	586	2500	23%	23%
3000	646	669	3000	22%	22%
3500	700	738	3500	20%	21%
4000	778	788	4000	19%	20%
4500	844	869	4500	19%	19%
5000	916	935	5000	18%	19%
5500	990	1007	5500	18%	18%
6000	1056	1082	6000	18%	18%



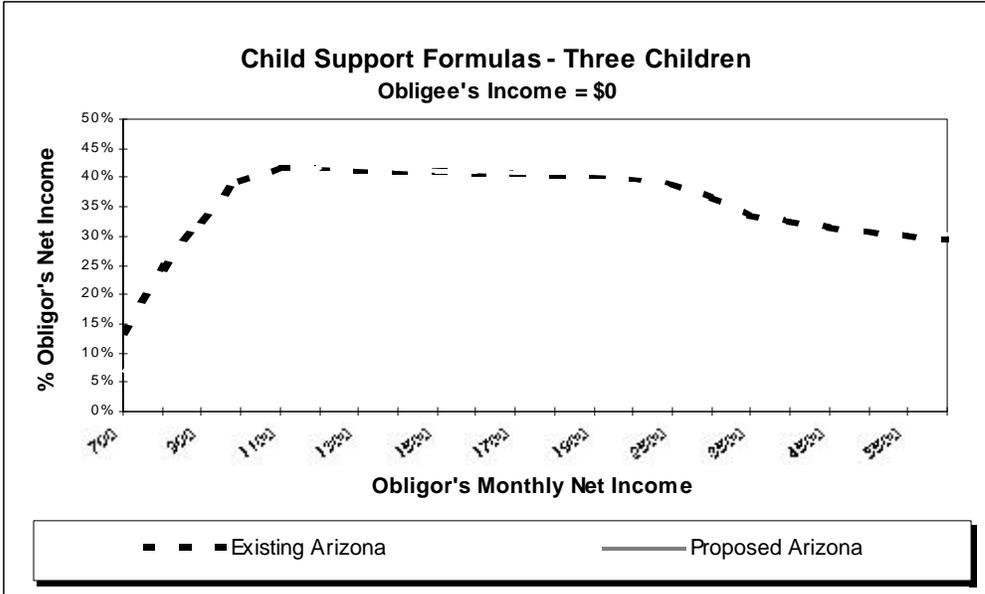
CHILD SUPPORT FORMULAS - ONE CHILD Obligee's Income = 50% Obligor's Income

Support Due (\$\$ per month)			% of Obligor's Net Income		
Obligor's Net Monthly Income	Existing Arizona	Proposed Arizona	Obligor's Net Monthly Income	Existing Arizona	Proposed Arizona
700	102	50	700	15%	7%
800	190	113	800	24%	14%
900	213	213	900	24%	24%
1000	236	236	1000	24%	24%
1100	259	259	1100	24%	24%
1200	284	284	1200	24%	24%
1300	307	308	1300	24%	24%
1400	330	331	1400	24%	24%
1500	352	354	1500	23%	24%
1600	371	376	1600	23%	24%
1700	387	398	1700	23%	23%
1800	403	414	1800	22%	23%
1900	417	430	1900	22%	23%
2000	431	446	2000	22%	22%
2500	490	507	2500	20%	20%
3000	562	580	3000	19%	19%
3500	635	647	3500	18%	18%
4000	704	721	4000	18%	18%
4500	765	788	4500	17%	18%
5000	830	848	5000	17%	17%
5500	897	913	5500	16%	17%
6000	951	982	6000	16%	16%



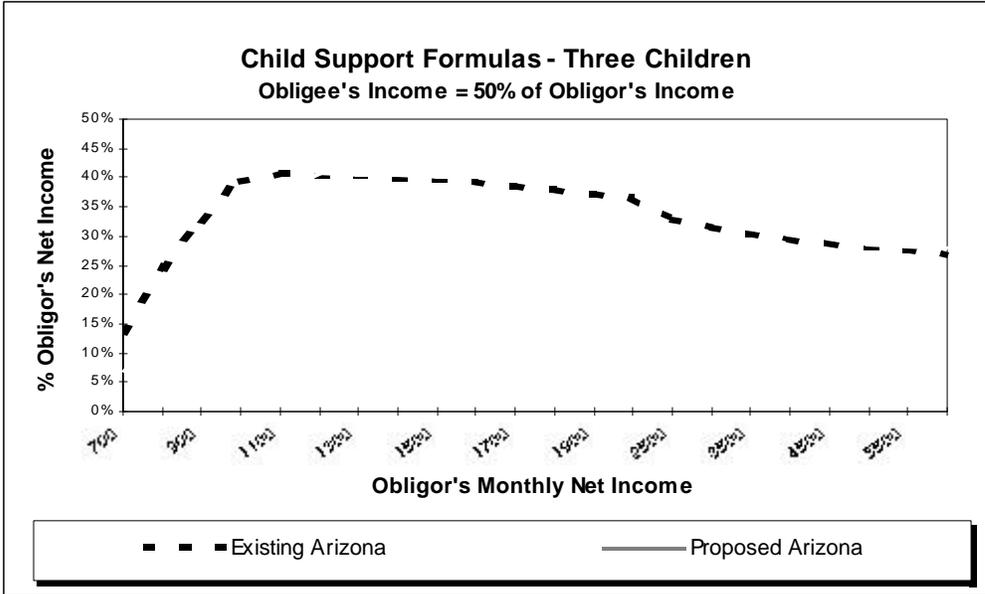
CHILD SUPPORT FORMULAS - ONE CHILD Obligee's Income = Obligor's Income

Support Due (\$\$ per month)			% of Obligor's Net Income		
Obligor's Net Monthly Income	Existing Arizona	Proposed Arizona	Obligor's Net Monthly Income	Existing Arizona	Proposed Arizona
700	95	50	700	14%	7%
800	190	113	800	24%	14%
900	213	213	900	24%	24%
1000	236	236	1000	24%	24%
1100	259	259	1100	24%	24%
1200	284	284	1200	24%	24%
1300	307	308	1300	24%	24%
1400	309	319	1400	22%	23%
1500	323	335	1500	22%	22%
1600	336	349	1600	21%	22%
1700	345	363	1700	20%	21%
1800	355	374	1800	20%	21%
1900	372	383	1900	20%	20%
2000	389	394	2000	19%	20%
2500	458	467	2500	18%	19%
3000	528	541	3000	18%	18%
3500	588	607	3500	17%	17%
4000	659	666	4000	16%	17%
4500	713	737	4500	16%	16%
5000	767	790	5000	15%	16%
5500	820	843	5500	15%	15%
6000	873	897	6000	15%	15%



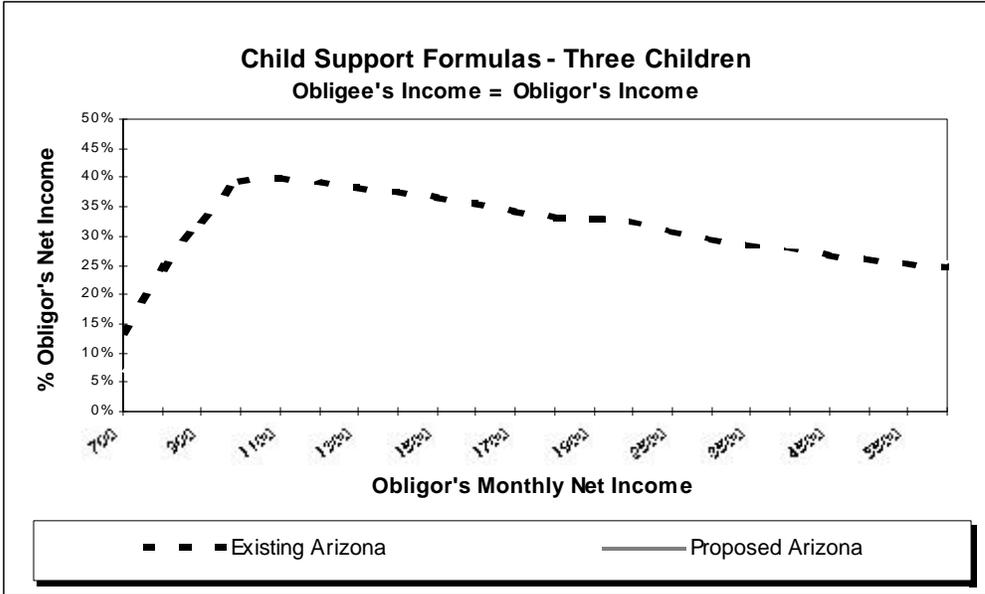
CHILD SUPPORT FORMULAS - THREE CHILDREN Obligee's Income = \$0

Support Due (\$\$ per month)			% of Obligor's Net Income		
Obligor's Net Monthly Income	Existing Arizona	Proposed Arizona	Obligor's Net Monthly Income	Existing Arizona	Proposed Arizona
700	95	50	700	14%	7%
800	195	113	800	24%	14%
900	295	213	900	33%	24%
1000	395	313	1000	40%	31%
1100	462	413	1100	42%	38%
1200	500	504	1200	42%	42%
1300	539	543	1300	41%	42%
1400	577	581	1400	41%	42%
1500	616	620	1500	41%	41%
1600	654	658	1600	41%	41%
1700	693	697	1700	41%	41%
1800	731	735	1800	41%	41%
1900	769	773	1900	40%	41%
2000	806	812	2000	40%	41%
2500	975	997	2500	39%	40%
3000	1098	1144	3000	37%	38%
3500	1184	1249	3500	34%	36%
4000	1310	1333	4000	33%	33%
4500	1422	1464	4500	32%	33%
5000	1543	1576	5000	31%	32%
5500	1667	1698	5500	30%	31%
6000	1781	1822	6000	30%	30%



CHILD SUPPORT FORMULAS - THREE CHILDREN Obligee's Income = 50% of Obligor's Income

Support Due (\$\$ per month)			% of Obligor's Net Income		
Obligor's Net Monthly Income	Existing Arizona	Proposed Arizona	Obligor's Net Monthly Income	Existing Arizona	Proposed Arizona
700	95	50	700	14%	7%
800	195	113	800	24%	14%
900	295	213	900	33%	24%
1000	395	313	1000	40%	31%
1100	449	413	1100	41%	38%
1200	487	490	1200	41%	41%
1300	525	528	1300	40%	41%
1400	562	567	1400	40%	40%
1500	599	604	1500	40%	40%
1600	631	640	1600	39%	40%
1700	660	677	1700	39%	40%
1800	688	706	1800	38%	39%
1900	711	734	1900	37%	39%
2000	732	763	2000	37%	38%
2500	828	859	2500	33%	34%
3000	948	976	3000	32%	33%
3500	1070	1091	3500	31%	31%
4000	1188	1215	4000	30%	30%
4500	1295	1329	4500	29%	30%
5000	1412	1435	5000	28%	29%
5500	1532	1553	5500	28%	28%
6000	1621	1677	6000	27%	28%



CHILD SUPPORT FORMULAS - THREE CHILDREN Obligee's Income = Obligor's Income

Support Due (\$\$ per month)			% of Obligor's Net Income		
Obligor's Net Monthly Income	Existing Arizona	Proposed Arizona	Obligor's Net Monthly Income	Existing Arizona	Proposed Arizona
700	95	50	700	14%	7%
800	195	113	800	24%	14%
900	295	213	900	33%	24%
1000	395	313	1000	40%	31%
1100	440	413	1100	40%	38%
1200	473	480	1200	39%	40%
1300	502	515	1300	39%	40%
1400	528	544	1400	38%	39%
1500	549	572	1500	37%	38%
1600	569	594	1600	36%	37%
1700	584	615	1700	34%	36%
1800	601	632	1800	33%	35%
1900	628	648	1900	33%	34%
2000	655	666	2000	33%	33%
2500	772	788	2500	31%	32%
3000	891	911	3000	30%	30%
3500	997	1025	3500	28%	29%
4000	1126	1131	4000	28%	28%
4500	1216	1258	4500	27%	28%
5000	1305	1347	5000	26%	27%
5500	1394	1436	5500	25%	26%
6000	1483	1525	6000	25%	25%

Appendix IV Gross Schedule Comparisons One, Two, and Three Children

Comparison of Existing to Proposed Schedule												
Monthly Combined Available Income	One Child				Two Children				Three Children			
	Existing	Proposed	Difference (dollars)	Difference (percentage)	Existing	Proposed	Difference (dollars)	Difference (percentage)	Existing	Proposed	Difference (dollars)	Difference (percentage)
650	145	147	3	2%	215	218	3	2%	255	259	4	2%
700	152	156	4	2%	227	232	5	2%	269	274	6	2%
750	160	164	4	2%	239	243	5	2%	283	288	6	2%
800	168	171	3	2%	252	255	4	1%	298	303	4	1%
850	177	179	2	1%	265	267	3	1%	314	317	3	1%
900	185	188	2	1%	278	281	3	1%	329	333	3	1%
950	194	196	2	1%	291	294	3	1%	345	348	3	1%
1000	202	205	2	1%	304	307	3	1%	360	364	3	1%
1050	211	213	2	1%	317	320	3	1%	376	379	3	1%
1100	219	222	2	1%	331	333	3	1%	392	395	3	1%
1150	228	230	2	1%	344	346	3	1%	407	410	3	1%
1200	236	239	2	1%	357	360	3	1%	423	426	3	1%
1250	245	247	2	1%	370	373	2	1%	439	442	3	1%
1300	254	256	2	1%	383	386	3	1%	453	457	4	1%
1350	262	258	-4	-2%	394	390	-4	-1%	466	461	-5	-1%
1400	271	266	-5	-2%	406	403	-3	-1%	480	477	-3	-1%
1450	281	275	-6	-2%	418	416	-2	-1%	495	492	-2	0%
1500	290	284	-6	-2%	430	428	-2	-1%	509	507	-2	0%
1550	299	294	-6	-2%	442	440	-2	-1%	523	521	-2	0%
1600	308	303	-5	-2%	454	452	-2	0%	537	535	-2	0%
1650	317	312	-5	-2%	467	464	-2	0%	551	549	-2	0%
1700	327	321	-5	-2%	479	477	-2	0%	566	564	-2	0%
1750	336	331	-5	-2%	491	489	-2	0%	580	578	-2	0%
1800	345	340	-5	-2%	503	501	-2	0%	594	592	-2	0%
1850	354	349	-5	-1%	515	513	-2	0%	608	606	-2	0%
1900	363	358	-4	-1%	527	525	-2	0%	622	621	-2	0%
1950	371	368	-4	-1%	539	537	-2	0%	637	635	-2	0%
2000	379	377	-3	-1%	551	549	-2	0%	651	649	-2	0%
2050	388	386	-2	0%	563	562	-2	0%	665	663	-2	0%
2100	396	395	-1	0%	575	574	-2	0%	679	678	-2	0%
2150	405	403	-1	0%	588	586	-2	0%	693	692	-2	0%
2200	413	412	-1	0%	600	598	-2	0%	707	706	-2	0%
2250	421	420	-1	0%	612	610	-2	0%	721	720	-2	0%
2300	430	429	-1	0%	624	622	-2	0%	736	734	-2	0%
2350	438	437	-1	0%	636	635	-2	0%	750	749	-2	0%
2400	447	445	-1	0%	648	647	-2	0%	764	763	-2	0%

Comparison of Existing to Proposed Schedule

Monthly Combined Available Income	One Child				Two Children				Three Children			
	Existing	Proposed	Change	% Change	Existing	Proposed	Change	% Change	Existing	Proposed	Change	% Change
2450	455	454	-1	0%	660	659	-1	0%	778	777	-1	0%
2500	463	462	0	0%	671	671	0	0%	790	791	1	0%
2550	469	471	1	0%	680	683	3	0%	802	806	4	0%
2600	476	467	-9	-2%	690	678	-11	-2%	813	800	-13	-2%
2650	483	476	-7	-1%	699	690	-9	-1%	824	814	-9	-1%
2700	489	485	-4	-1%	709	704	-5	-1%	835	830	-5	-1%
2750	496	492	-4	-1%	719	714	-5	-1%	846	842	-4	-1%
2800	503	499	-4	-1%	728	724	-4	-1%	857	853	-4	0%
2850	510	506	-4	-1%	738	733	-4	-1%	868	864	-4	0%
2900	516	512	-4	-1%	747	743	-4	-1%	879	875	-4	0%
2950	523	519	-4	-1%	757	752	-4	-1%	890	886	-4	0%
3000	530	526	-4	-1%	766	762	-4	-1%	901	898	-4	0%
3050	536	533	-4	-1%	776	772	-4	-1%	912	909	-4	0%
3100	543	539	-4	-1%	785	781	-4	-1%	923	920	-3	0%
3150	548	546	-2	0%	793	791	-2	0%	932	931	-1	0%
3200	553	553	0	0%	800	801	1	0%	941	942	2	0%
3250	558	560	2	0%	807	810	3	0%	949	953	4	0%
3300	562	566	4	1%	814	820	6	1%	958	965	7	1%
3350	567	573	6	1%	821	830	8	1%	966	976	10	1%
3400	572	580	8	1%	828	839	11	1%	975	987	12	1%
3450	577	587	10	2%	835	849	14	2%	983	998	15	2%
3500	581	594	12	2%	842	858	16	2%	992	1009	17	2%
3550	586	600	14	2%	849	868	18	2%	1000	1020	20	2%
3600	591	605	14	2%	856	875	18	2%	1009	1029	20	2%
3650	596	610	14	2%	863	882	18	2%	1017	1037	20	2%
3700	601	614	14	2%	871	889	18	2%	1026	1046	20	2%
3750	605	619	14	2%	878	896	19	2%	1034	1054	20	2%
3800	610	624	14	2%	885	903	19	2%	1043	1063	20	2%
3850	614	629	15	2%	890	910	20	2%	1049	1072	22	2%
3900	618	634	15	2%	896	917	21	2%	1056	1080	24	2%
3950	623	638	16	3%	902	925	23	3%	1062	1089	27	3%
4000	627	643	16	3%	907	932	24	3%	1068	1097	29	3%
4050	631	648	17	3%	913	939	26	3%	1075	1106	31	3%
4100	635	653	18	3%	919	946	27	3%	1081	1114	34	3%
4150	639	658	18	3%	924	953	29	3%	1087	1123	36	3%
4200	644	662	19	3%	930	960	30	3%	1093	1132	38	3%
4250	648	667	19	3%	936	967	31	3%	1100	1140	40	4%
4300	652	672	20	3%	942	974	33	3%	1106	1149	43	4%
4350	656	676	20	3%	947	980	33	3%	1112	1155	43	4%
4400	660	680	20	3%	953	986	33	3%	1119	1162	43	4%
4450	664	685	20	3%	959	992	33	3%	1125	1168	43	4%
4500	669	689	20	3%	964	997	33	3%	1131	1174	43	4%
4550	671	693	22	3%	969	1003	34	4%	1136	1181	44	4%
4600	674	697	23	3%	973	1009	36	4%	1141	1187	46	4%

Comparison of Existing to Proposed Schedule

Monthly Combined Available Income	One Child				Two Children				Three Children			
4650	677	685	8	1%	976	992	16	2%	1146	1168	23	2%
4700	679	689	10	1%	980	998	17	2%	1150	1175	25	2%
4750	682	693	11	2%	984	1003	19	2%	1155	1181	26	2%
4800	685	697	13	2%	988	1009	21	2%	1159	1187	28	2%
4850	687	701	14	2%	992	1015	23	2%	1163	1193	30	3%
4900	690	706	16	2%	995	1020	25	3%	1168	1200	32	3%
4950	692	710	17	3%	999	1026	27	3%	1172	1206	34	3%
5000	695	714	19	3%	1003	1032	29	3%	1176	1212	36	3%
5050	697	718	21	3%	1006	1037	31	3%	1181	1218	38	3%
5100	700	722	22	3%	1010	1043	33	3%	1185	1225	39	3%
5150	703	726	24	3%	1014	1048	34	3%	1190	1231	41	3%
5200	706	731	25	4%	1018	1054	36	4%	1195	1237	42	4%
5250	710	735	25	4%	1024	1060	36	4%	1201	1243	42	4%
5300	715	738	23	3%	1031	1065	34	3%	1209	1249	40	3%
5350	720	741	20	3%	1039	1069	30	3%	1218	1254	36	3%
5400	726	743	18	2%	1046	1072	26	3%	1226	1258	32	3%
5450	731	746	15	2%	1054	1076	23	2%	1235	1262	28	2%
5500	736	748	12	2%	1061	1080	19	2%	1243	1267	23	2%
5550	742	751	9	1%	1068	1084	15	1%	1252	1271	19	2%
5600	747	754	7	1%	1076	1087	11	1%	1260	1276	15	1%
5650	752	756	4	1%	1083	1091	8	1%	1269	1280	11	1%
5700	757	759	1	0%	1091	1095	4	0%	1277	1284	7	1%
5750	763	761	-1	0%	1098	1098	0	0%	1286	1289	3	0%
5800	768	764	-4	-1%	1106	1102	-3	0%	1294	1293	-1	0%
5850	773	766	-7	-1%	1113	1106	-7	-1%	1303	1298	-5	0%
5900	779	769	-10	-1%	1120	1110	-11	-1%	1311	1302	-9	-1%
5950	783	772	-11	-1%	1126	1113	-13	-1%	1318	1306	-12	-1%
6000	787	774	-13	-2%	1132	1117	-15	-1%	1325	1311	-15	-1%
6050	791	777	-14	-2%	1138	1121	-17	-2%	1332	1315	-17	-1%
6100	795	780	-15	-2%	1144	1125	-19	-2%	1339	1320	-19	-1%
6150	799	786	-14	-2%	1150	1133	-17	-1%	1346	1329	-17	-1%
6200	803	791	-12	-2%	1156	1140	-15	-1%	1353	1338	-16	-1%
6250	807	796	-11	-1%	1162	1148	-14	-1%	1360	1346	-14	-1%
6300	811	802	-10	-1%	1168	1155	-12	-1%	1367	1355	-13	-1%
6350	815	807	-9	-1%	1174	1163	-11	-1%	1374	1363	-11	-1%
6400	820	812	-7	-1%	1180	1170	-9	-1%	1381	1372	-10	-1%
6450	824	818	-6	-1%	1185	1178	-7	-1%	1388	1380	-8	-1%
6500	828	823	-5	-1%	1191	1185	-6	0%	1395	1389	-6	0%
6550	832	828	-4	0%	1197	1193	-4	0%	1402	1397	-5	0%
6600	836	834	-2	0%	1203	1200	-3	0%	1409	1406	-3	0%
6650	840	839	-1	0%	1209	1208	-1	0%	1416	1414	-2	0%
6700	844	844	0	0%	1215	1215	0	0%	1423	1423	0	0%
6750	848	850	1	0%	1221	1223	2	0%	1430	1432	1	0%
6800	852	855	3	0%	1227	1230	4	0%	1437	1440	3	0%

Comparison of Existing to Proposed Schedule

Monthly Combined Available Income	One Child				Two Children				Three Children			
6850	856	860	4	0%	1233	1237	4	0%	1444	1448	4	0%
6900	860	864	4	0%	1239	1243	4	0%	1451	1455	4	0%
6950	865	868	3	0%	1245	1249	4	0%	1459	1462	4	0%
7000	869	872	3	0%	1252	1255	3	0%	1466	1469	3	0%
7050	874	876	2	0%	1259	1261	2	0%	1474	1476	2	0%
7100	879	880	2	0%	1265	1267	2	0%	1482	1483	2	0%
7150	883	884	1	0%	1272	1273	1	0%	1489	1490	1	0%
7200	888	889	1	0%	1279	1279	0	0%	1497	1497	0	0%
7250	893	893	0	0%	1285	1285	0	0%	1505	1504	-1	0%
7300	897	897	0	0%	1292	1291	-1	0%	1513	1511	-1	0%
7350	902	901	-1	0%	1298	1297	-2	0%	1520	1518	-2	0%
7400	907	905	-1	0%	1305	1303	-2	0%	1528	1525	-3	0%
7450	911	909	-2	0%	1312	1309	-3	0%	1536	1532	-3	0%
7500	916	913	-3	0%	1318	1315	-4	0%	1544	1540	-4	0%
7550	921	917	-3	0%	1325	1320	-5	0%	1551	1547	-5	0%
7600	925	921	-4	0%	1332	1326	-5	0%	1559	1554	-6	0%
7650	930	926	-4	0%	1338	1332	-6	0%	1567	1561	-6	0%
7700	934	930	-5	-1%	1345	1338	-7	0%	1575	1568	-7	0%
7750	939	934	-5	-1%	1352	1344	-7	-1%	1582	1575	-8	0%
7800	944	938	-6	-1%	1358	1350	-8	-1%	1590	1582	-8	-1%
7850	948	942	-6	-1%	1365	1356	-9	-1%	1598	1589	-9	-1%
7900	953	946	-7	-1%	1371	1362	-9	-1%	1606	1596	-10	-1%
7950	958	950	-8	-1%	1378	1369	-9	-1%	1613	1603	-10	-1%
8000	962	955	-8	-1%	1385	1375	-9	-1%	1621	1611	-10	-1%
8050	967	960	-8	-1%	1391	1382	-9	-1%	1629	1619	-10	-1%
8100	972	964	-8	-1%	1398	1389	-9	-1%	1636	1626	-10	-1%
8150	976	969	-8	-1%	1405	1395	-9	-1%	1644	1634	-10	-1%
8200	981	974	-7	-1%	1411	1402	-9	-1%	1652	1642	-10	-1%
8250	986	978	-7	-1%	1418	1409	-9	-1%	1660	1650	-10	-1%
8300	990	983	-7	-1%	1424	1416	-9	-1%	1667	1658	-10	-1%
8350	994	988	-6	-1%	1430	1422	-8	-1%	1674	1665	-9	-1%
8400	998	992	-6	-1%	1436	1429	-7	-1%	1682	1673	-8	0%
8450	1002	997	-5	-1%	1442	1436	-7	0%	1689	1681	-8	0%
8500	1006	1002	-5	0%	1448	1442	-6	0%	1696	1689	-7	0%
8550	1010	1007	-4	0%	1454	1449	-5	0%	1703	1697	-6	0%
8600	1015	1011	-3	0%	1460	1456	-5	0%	1710	1704	-6	0%
8650	1019	1016	-3	0%	1466	1462	-4	0%	1717	1712	-5	0%
8700	1023	1021	-2	0%	1472	1469	-3	0%	1724	1720	-4	0%
8750	1027	1025	-2	0%	1478	1476	-3	0%	1731	1728	-4	0%
8800	1031	1030	-1	0%	1484	1482	-2	0%	1738	1736	-3	0%
8850	1035	1035	0	0%	1490	1489	-1	0%	1746	1743	-2	0%
8900	1039	1039	0	0%	1496	1496	-1	0%	1753	1751	-2	0%
8950	1043	1044	1	0%	1502	1503	0	0%	1760	1759	-1	0%
9000	1047	1049	1	0%	1508	1509	1	0%	1767	1767	0	0%

Comparison of Existing to Proposed Schedule

Monthly Combined Available Income	One Child				Two Children				Three Children			
	Existing	Proposed	Children	%	Existing	Proposed	Children	%	Existing	Proposed	Children	%
9050	1052	1054	2	0%	1514	1516	2	0%	1774	1775	1	0%
9100	1056	1058	3	0%	1520	1523	2	0%	1781	1782	1	0%
9150	1060	1063	3	0%	1526	1529	3	0%	1788	1790	2	0%
9200	1064	1068	4	0%	1532	1536	4	0%	1795	1798	3	0%
9250	1068	1072	4	0%	1538	1543	4	0%	1802	1806	3	0%
9300	1072	1077	5	0%	1544	1549	5	0%	1810	1814	4	0%
9350	1076	1082	6	1%	1550	1556	6	0%	1817	1821	5	0%
9400	1080	1086	6	1%	1556	1563	6	0%	1824	1829	5	0%
9450	1084	1091	6	1%	1562	1569	7	0%	1831	1837	6	0%
9500	1089	1095	6	1%	1568	1575	7	0%	1838	1844	6	0%
9550	1093	1099	6	1%	1574	1581	7	0%	1845	1851	6	0%
9600	1097	1103	6	1%	1580	1587	7	0%	1852	1858	6	0%
9650	####	1107	6	1%	1586	1593	7	0%	1859	1865	6	0%
9700	1105	1111	7	1%	1591	1599	8	1%	1866	1873	7	0%
9750	1108	1115	7	1%	1596	1605	9	1%	1872	1880	8	0%
9800	####	1120	8	1%	1602	1611	10	1%	1878	1887	9	0%
9850	####	1124	8	1%	1607	1617	10	1%	1885	1894	9	0%
9900	####	1128	9	1%	1612	1623	11	1%	1891	1901	10	1%
9950	1123	1132	9	1%	1618	1630	12	1%	1897	1908	11	1%
10000	1126	1136	10	1%	1623	1636	13	1%	1904	1916	12	1%
10050	1130	1140	11	1%	1628	1642	13	1%	1910	1923	13	1%
10100	1133	1144	11	1%	1634	1648	14	1%	1917	1930	13	1%
10150	1137	1148	12	1%	1639	1654	15	1%	1923	1937	14	1%
10200	1140	1153	12	1%	1644	1660	16	1%	1929	1944	15	1%
10250	1144	1157	13	1%	1649	1666	16	1%	1936	1951	16	1%
10300	1148	1161	13	1%	1655	1672	17	1%	1942	1959	16	1%
10350	####	1165	14	1%	1660	1678	18	1%	1949	1966	17	1%
10400	1155	1169	15	1%	1665	1684	19	1%	1955	1973	18	1%
10450	1158	1173	15	1%	1670	1690	20	1%	1960	1980	20	1%
10500	####	1177	16	1%	1675	1696	21	1%	1966	1987	21	1%
10550	1165	1182	17	1%	1680	1702	23	1%	1972	1994	22	1%
10600	1168	1186	18	2%	1685	1708	24	1%	1978	2002	24	1%
10650	####	1190	19	2%	1689	1714	25	1%	1984	2009	25	1%
10700	1174	1194	20	2%	1694	1720	26	2%	1990	2016	26	1%
10750	1178	1198	20	2%	1699	1726	27	2%	1996	2023	27	1%
10800	####	1202	21	2%	1704	1732	28	2%	2002	2030	29	1%
10850	1184	1206	22	2%	1709	1739	30	2%	2007	2038	30	1%
10900	1188	1211	23	2%	1714	1745	31	2%	2013	2045	31	2%
10950	####	1215	24	2%	1719	1750	31	2%	2019	2051	32	2%
11000	1194	1218	24	2%	1724	1755	31	2%	2025	2058	32	2%
11050	1198	1222	24	2%	1729	1760	31	2%	2031	2064	33	2%
11100	1202	1225	24	2%	1735	1766	30	2%	2039	2070	31	2%
11150	1206	1229	23	2%	1742	1771	29	2%	2047	2077	30	1%
11200	1210	1233	22	2%	1748	1776	28	2%	2055	2083	29	1%

Comparison of Existing to Proposed Schedule

Monthly Combined Available Income	One Child				Two Children				Three Children			
11250	1215	1236	22	2%	1754	1782	27	2%	2062	2090	27	1%
11300	1219	1240	21	2%	1761	1787	26	1%	2070	2096	26	1%
11350	1223	1244	20	2%	1767	1792	25	1%	2078	2103	25	1%
11400	1227	1247	20	2%	1773	1798	24	1%	2086	2109	24	1%
11450	1232	1251	19	2%	1780	1803	23	1%	2093	2115	22	1%
11500	1236	1254	18	1%	1786	1808	22	1%	2101	2121	20	1%
11550	1240	1257	17	1%	1792	1813	20	1%	2109	2127	19	1%
11600	1244	1261	16	1%	1799	1818	19	1%	2116	2133	17	1%
11650	1248	1264	16	1%	1805	1823	17	1%	2124	2139	15	1%
11700	1253	1267	15	1%	1812	1827	16	1%	2132	2145	13	1%
11750	1257	1271	14	1%	1818	1832	15	1%	2140	2151	11	1%
11800	1261	1274	13	1%	1824	1837	13	1%	2147	2157	10	0%
11850	1265	1277	12	1%	1831	1842	12	1%	2155	2163	8	0%
11900	1270	1281	11	1%	1837	1847	10	1%	2163	2169	6	0%
11950	1274	1284	10	1%	1843	1852	9	0%	2171	2175	4	0%
12000	1278	1287	9	1%	1850	1857	7	0%	2178	2181	2	0%
12050	1282	1291	8	1%	1856	1862	6	0%	2186	2187	1	0%
12100	1287	1294	7	1%	1862	1867	4	0%	2194	2192	-1	0%
12150	1291	1297	7	1%	1869	1872	3	0%	2201	2198	-3	0%
12200	1295	1301	6	0%	1875	1877	2	0%	2209	2204	-5	0%
12250	1299	1304	5	0%	1881	1882	0	0%	2217	2210	-7	0%
12300	1304	1307	4	0%	1888	1886	-1	0%	2225	2216	-8	0%
12350	1308	1311	3	0%	1894	1891	-3	0%	2232	2222	-10	0%
12400	1312	1314	2	0%	1900	1896	-4	0%	2240	2228	-12	-1%
12450	1316	1317	1	0%	1907	1901	-6	0%	2248	2234	-14	-1%
12500	1321	1321	0	0%	1913	1908	-6	0%	2256	2241	-15	-1%
12550	1324	1325	2	0%	1918	1914	-4	0%	2261	2249	-12	-1%
12600	1327	1330	3	0%	1923	1920	-2	0%	2266	2257	-9	0%
12650	1330	1334	4	0%	1927	1927	0	0%	2271	2265	-7	0%
12700	1333	1338	5	0%	1931	1933	2	0%	2277	2272	-4	0%
12750	1336	1343	6	0%	1936	1940	4	0%	2282	2280	-1	0%
12800	1339	1347	8	1%	1940	1946	6	0%	2287	2288	1	0%
12850	1342	1351	9	1%	1945	1952	8	0%	2292	2296	4	0%
12900	1345	1355	10	1%	1949	1959	10	1%	2297	2304	7	0%
12950	1348	1360	11	1%	1953	1965	12	1%	2302	2311	9	0%
13000	1360	1304	-56	-4%	1970	1882	-89	-5%	2322	2210	-112	-5%
13050	1364	1307	-56	-4%	1975	1886	-88	-4%	2327	2216	-111	-5%
13100	1367	1311	-56	-4%	1979	1891	-88	-4%	2333	2222	-110	-5%
13150	1370	1314	-56	-4%	1984	1896	-88	-4%	2338	2228	-110	-5%
13200	1373	1317	-56	-4%	1988	1901	-87	-4%	2343	2234	-109	-5%
13250	1376	1321	-55	-4%	1993	1907	-85	-4%	2348	2241	-107	-5%
13300	1379	1325	-54	-4%	1997	1914	-83	-4%	2353	2249	-104	-4%
13350	1382	1330	-53	-4%	2002	1920	-82	-4%	2359	2257	-102	-4%
13400	1385	1334	-51	-4%	2006	1927	-80	-4%	2364	2264	-99	-4%

Comparison of Existing to Proposed Schedule

Monthly Combined Available Income	One Child				Two Children				Three Children			
13450	1388	1338	-50	-4%	2011	1933	-78	-4%	2369	2272	-97	-4%
13500	1392	1342	-49	-4%	2015	1939	-76	-4%	2374	2280	-94	-4%
13550	1395	1347	-48	-3%	2020	1946	-74	-4%	2379	2288	-92	-4%
13600	1398	1351	-47	-3%	2024	1952	-72	-4%	2384	2295	-89	-4%
13650	1401	1355	-46	-3%	2028	1958	-70	-3%	2390	2303	-87	-4%
13700	1404	1359	-45	-3%	2033	1965	-68	-3%	2395	2311	-84	-4%
13750	1407	1364	-44	-3%	2037	1971	-66	-3%	2400	2319	-81	-3%
13800	1410	1368	-42	-3%	2042	1977	-64	-3%	2405	2326	-79	-3%
13850	1413	1372	-41	-3%	2046	1984	-62	-3%	2410	2334	-76	-3%
13900	1416	1376	-40	-3%	2051	1990	-61	-3%	2416	2342	-74	-3%
13950	1420	1381	-39	-3%	2055	1997	-59	-3%	2421	2350	-71	-3%
14000	1423	1385	-38	-3%	2060	2003	-57	-3%	2426	2357	-69	-3%
14050	1426	1389	-37	-3%	2064	2009	-55	-3%	2431	2365	-66	-3%
14100	1429	1393	-36	-2%	2069	2016	-53	-3%	2436	2373	-64	-3%
14150	1432	1398	-34	-2%	2073	2022	-51	-2%	2442	2381	-61	-2%
14200	1435	1402	-33	-2%	2077	2028	-49	-2%	2447	2388	-58	-2%
14250	1438	1406	-32	-2%	2082	2035	-47	-2%	2452	2396	-56	-2%
14300	1441	1410	-31	-2%	2086	2041	-45	-2%	2457	2404	-53	-2%
14350	1445	1415	-30	-2%	2091	2047	-43	-2%	2462	2412	-51	-2%
14400	1448	1419	-29	-2%	2095	2054	-41	-2%	2468	2419	-48	-2%
14450	1451	1423	-28	-2%	2100	2060	-40	-2%	2473	2427	-46	-2%
14500	1454	1427	-27	-2%	2104	2067	-38	-2%	2478	2435	-43	-2%
14550	1457	1432	-25	-2%	2109	2073	-36	-2%	2483	2443	-41	-2%
14600	1460	1436	-24	-2%	2113	2079	-34	-2%	2488	2450	-38	-2%
14650	1463	1440	-23	-2%	2118	2086	-32	-2%	2494	2458	-35	-1%
14700	1466	1444	-22	-2%	2122	2092	-30	-1%	2499	2466	-33	-1%
14750	1469	1449	-21	-1%	2126	2098	-28	-1%	2504	2474	-30	-1%
14800	1473	1453	-20	-1%	2131	2105	-26	-1%	2509	2481	-28	-1%
14850	1476	1457	-19	-1%	2135	2111	-25	-1%	2514	2488	-26	-1%
14900	1479	1460	-19	-1%	2140	2115	-25	-1%	2520	2493	-26	-1%
14950	1482	1463	-19	-1%	2144	2119	-25	-1%	2525	2498	-26	-1%
15000	1485	1466	-19	-1%	2149	2124	-25	-1%	2530	2503	-27	-1%
average	919	918	-1	0%	1328	1326	-2	0%	1561	1557	-3	0%
minimum	145	147	-56	-4%	215	218	-89	-5%	255	259	-112	-5%
maximum	1485	1466	25	4%	2149	2124	36	4%	2530	2503	46	4%