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RULES OF THUMB FOR PRODUCING
FOOD STAMP PROGRAM IMPACT ESTIMATES

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EXECUTIVE SUMMARY

The Food Stamp Program (FSP) provided assistance to one in 10 Americans each month in 1995. Given the FSP's large caseload and costs, which exceeded $24 billion in 1995, policymakers and program administrators continually evaluate the program, proposing changes to its eligibility criteria and benefit structure that are intended to make it more effective. To make informed decisions about food stamp policy, policymakers rely on information from the Food and Consumer Service's Office of Analysis and Evaluation (OAE), which develops estimates of the net impact of proposed reforms on FSP costs. OAE relies primarily on microsimulation models to produce these estimates; however, when the immediate need for these estimate precludes the use of microsimulation models, OAE relies on "rules of thumb".

Rules of thumb are essentially estimates of the change in food stamp benefits resulting from a change in an FSP parameter or a change in a program that interacts with the FSP. The rules are based on estimates from microsimulation models as well as program and survey data. In this report, we present updated and improved rules of thumb for estimating the effects on the FSP of changes to (1) the FSP itself and (2) other public assistance programs that interact with the FSP.

RULES OF THUMB FOR CHANGES TO THE FSP

We developed rules of thumb for estimating the effects of changes in the following FSP parameters: asset and income limits, maximum and minimum benefit levels, the benefit reduction rate, and the five FSP deductions (Table 1). These rules of thumb were produced by converting impact estimates from microsimulation models into dollar changes in benefits per unit change in the parameter. The estimates in Table 1 reflect the average impact on FSP participants of a range of changes to each parameter.

The rules of thumb show the estimated change in a food stamp recipient's benefits that result from a one-dollar or a one-percentage-point change in each parameter. For example, a dollar increase in the standard deduction would increase food stamp benefits by $0.1009 per participant. Using this rule of thumb, a $25 increase in the standard deduction would increase food stamp benefits by $2.52 per participant. To estimate the impact of this reform on total FSP costs, multiply the per participant food stamp benefit increase of $2.52 by the total number of FSP participants.

This version of the rules of thumb is designed to account for the expected influence of recent welfare reform legislation, the Personal Responsibility and Work Opportunities Reconciliation Act of 1996 (PRWORA). In estimating the rules of thumb for all non-asset parameters, we used the Fiscal Year 1995 Integrated Quality Control System (IQCS) sample of FSP households modified

TABLE 1

AVERAGE RULE-OF-THUMB IMPACT ESTIMATES FOR CHANGES TO THE FSP

Parameter	Unit of Parameter Change	Monthly Dollar Change in Food Stamp Benefits Per Participant ($)	Range of Parameter Changes for which Rule of Thumb Is Accurate
Eligibility Screens			
Asset Limit*	±$1	0.0031	±$400
Vehicular Asset Limit*	±$1	0.0008	±$800
Income Screens** (Changes to Net; Gross = 130%Net)	±1% of Baselaw	0.0147	±20% of Baselaw
Benefit Computation			
Maximum Benefit (US Household of 4)**	±$1	0.2485	±$25
Minimum Benefit**	±$1	0.0338	±$8
Benefit Reduction Rate**	±1 Percentage Point	0.9157	±8 Percentage Points
Income Deductions			
Standard Deduction (US Household of 4)**	±$1	0.1009	±$25
Earnings Deduction**	±1 Percentage Point	0.2008	±8 Percentage Points
Medical Deduction Threshold**	±$1	0.0037	±$8
Dependent Care Deduction Cap**	±$1	0.0009	±$20
Shelter Deduction Cap**	±$1	0.0124	±$25
Threshold**	±1 Percentage Point	0.1805	±8 Percentage Points

* Based on 1994 MATH SIPP estimates. Estimates reflect the per person change in food stamp benefits (expressed in 1994 dollars) of a parameter change in 1994.

** Based on the 1998 Baseline QC Minimodel. Estimates reflect the per person change in food stamp benefits (expressed in 1995 dollars) of changing the parameter by 1 unit in 1998.

to reflect economic and regulatory conditions expected to exist in 1998. These 1998 baseline data reflect three components of PRWORA: (1) disqualification from the FSP and the Supplemental Security Income (SSI) program of most legal permanent resident aliens; (2) disqualification from the FSP of most able-bodied, nonworking and childless adults; and (3) adjustments to the maximum benefit level, standard deduction, and shelter deduction designed to reflect the fiscal year 1998 parameter values deflated to fiscal year 1995 dollars. The resulting average rule of thumb estimates (Table 1) show the expected impact on benefits (expressed in 1995 dollars) of a change made to a parameter in 1998.

RULES OF THUMB FOR CHANGES TO PUBLIC ASSISTANCE PROGRAMS INTERACTING WITH THE FSP

Since the FSP counts benefits from other programs as income, we also developed rules of thumb to estimate the impact on FSP costs of changes to the Aid to Families With Dependent Children (AFDC) program, SSI, the Social Security program, and the Unemployment Compensation (UC) program. The rules of thumb for each of the programs are as follows:

- AFDC: 29.5%
- SSI: 13.9%
- Social Security: 1.1%
- UC: 0.5%

These rules of thumb indicate the percentage change in total FSP costs for a given change in the interacting program's benefits. For example, if AFDC benefits increased by $100 million, FSP costs would decrease by $29.5 million.

The advantage of both sets of rules of thumb is that they allow OAE to provide policymakers and administrators with information about the effects of program changes in a very short amount of time.

I. INTRODUCTION

The Food Stamp Program (FSP) provided assistance to almost 27 million Americans each month in 1995, nearly 10 percent of the U.S. population. This large caseload, along with annual program outlays that exceed $24 billion, make the FSP one of the nation's primary social welfare programs. Given the size and cost of the FSP, policymakers and program administrators continually evaluate the program with an eye toward improving its effectiveness and achieving other program objectives. These evaluations stimulate a stream of proposals for changing the FSP, and in addition to considering these changes, policymakers consider broader welfare reform proposals that may have profound consequences for the FSP.

The role of the Food and Consumer Service's (FCS) Office of Analysis and Evaluation (OAE) in this process is to provide timely, accurate and robust estimates of the impact of these proposed reforms to the FSP. If policymakers or administrators need these estimates immediately, or if other, more sophisticated approaches to producing impact estimates (such as microsimulation modeling) are not available, OAE uses "rules of thumb" to estimate the impact of reforms. These rules of thumb are derived from estimates produced by microsimulation models as well as survey and program data.

In this report, we present updated and improved rules of thumb for estimating the impact of changes in program parameters on the FSP itself (Chapter II) and of reforms to other social welfare programs that interact with the FSP (Chapter III). Two types of rules of thumb are presented. Rules of thumb for incremental changes to the FSP are a series of estimated impacts of a wide range of changes to each parameter. These rules of thumb are presented in Appendices A through D and are created with four separate microsimulation models: the FY 1995 QC Minimodel, the 1998 Baseline

QC Minimodel, the 1996 MATH^e CPS model and the 1994 MATH SIPP model.[1] Average rules of thumb are single estimates that reflect the average impact of the incremental changes to each parameter. Most average rules of thumb are based on the 1998 Baseline QC Minimodel and therefore reflect the amount that per person benefits would change (expressed in 1995 dollars) if a parameter were changed in 1998. We use a new methodology to compute the average rules of thumb. Previously, average rules of thumb were computed using a wide range of incremental parameter changes, thus incorporating the influence of extreme parameter changes. In this report, average rules of thumb are calculated over a narrower range of parameter changes that improve their accuracy for most reform estimates.

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[1] MATH (Micro Analysis of Transfers to Households) is a trademark of Mathematica Policy Research.

II. RULES OF THUMB FOR CHANGES TO THE FSP

In this chapter, we explain how to derive the rules of thumb for estimating the impact of changes to the FSP's eligibility criteria and benefit structure on FSP costs. We then present updated and improved rules of thumb for changes to the following FSP parameters: asset and income limits, maximum and minimum benefit levels, the benefit reduction rate, and the five FSP deductions.[2]

A. METHODOLOGY FOR DERIVING RULES OF THUMB

The rules of thumb used to estimate the budgetary impact of reforms to the FSP are based on microsimulation model estimates. In this section, we explain how models produce estimates and how these estimates are converted into rules of thumb. We also describe the four microsimulation models we use and the program changes for which we developed rules of thumb.

1. Microsimulation Modeling

Microsimulation modeling is a means for estimating the budgetary and distributional impacts of a reform to the FSP. The model first processes household-level data to determine each household's eligibility, participation status, and benefit amount under current program rules, or "baselaw conditions." It then does the same under reformed program rules. The difference between the reformed and original rules in terms of the number of eligible households, participation rates, and benefit amounts, as measured by the model, is an estimate of the impact of changes introduced by the new rules.

OAE uses these estimates to adjust an existing future-year FSP cost estimate. The cost estimate is produced by the Financial Management Division of FCS, which uses an econometric time-series

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[2]For previous rules of thumb, see Heiser (1990 and 1995).

model to predict participation and benefits as a function of forecasts of future macroeconomic conditions and other factors. In some instances, the microsimulation model estimates are used in the derivation of this time-series model estimate to account for the impact of legislated program changes not included in the time-series model.

If a microsimulation model based on January 1995 data estimates that FSP costs would increase by 3 percent under a given reform, the forecasted estimate could be adjusted upward by 3 percent. (The January 1995 microsimulation model estimate could be used to determine the average household increase in food stamps per participant under the given reform, and forecasted FSP costs could be adjusted upward by this amount for the number of persons forecasted to participate in the FSP after adjusting the dollar impact for inflation and other factors such as changes in the average FSP benefit.) Although microsimulation modeling is a useful, efficient, and relatively fast way to generate impact estimates, the models are not always readily accessible, so when timing is critical and access is limited, OAE uses rules of thumb in much the same way as it uses the model estimates.

2. Converting Microsimulation Estimates to Rules of Thumb

A rule of thumb is an estimate of the average change in food stamp benefits per participant for a dollar (or a percentage-point) change in a program parameter.[3] Rules of thumb for incremental parameter changes are produced by first translating impact estimates from microsimulation models into per participant impact estimates, and then dividing the per participant food stamp benefit change by the change in the parameter

For example, using the 1994 MATH SIPP model, we estimated that increasing the standard deduction by $20 would increase FSP costs by $50,312,988 a month. This impact represents a 3.02

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[3]Rules of thumb may also be expressed as the change in food stamp benefits per *household* as well as the percentage change in total FSP costs Rules of thumb expressed in these terms are included in Appendices A through D

percentage increase in FSP costs and an average increase in food stamps of $2.04 per participant. This estimate is then divided by the parameter change of $20, and the resulting rule of thumb indicates that a dollar increase in the standard deduction increases food stamp benefits by $0.1022 per participant. We repeat these calculations for incremental dollar increases to the standard deduction and for numerous changes to other FSP parameters. To estimate the impact of any change not exactly represented by an incremental rule of thumb, the rule of thumb closest to that change is used. The rules of thumb calculated over incremental parameter changes using the four models (1995 QC Minimodel, 1998 Baseline QC Minimodel, 1994 MATH SIPP, and 1996 MATH CPS) appear in Appendices A through D.

Once we calculate the rules of thumb for incremental parameter changes, we compute the average rules of thumb. Average rules of thumb are simplified estimates of the per participant impact on benefits of changes to each parameter. For most parameters, the average rules of thumb are computed using rules of thumb for incremental parameter changes from the 1998 Baseline QC Minimodel.[4] Therefore, average rule of thumb reflect the impact of a change made in 1998, expressed in 1995 dollars. To compute the average rules of thumb, we average the per unit, per participant impact of reforms over a pre-determined range of parameter reforms.[5] Because the rules of thumb are typically used to consider parameter changes that are relatively close to the baselaw condition, we calculate the average rule-of-thumb estimates from a narrow range of relatively small parameter

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[4]Average rules of thumb for the two asset parameters (asset limit and vehicular asset limit) are computed using the 1994 MATH SIPP model

[5]Because QC-based models do not contain the data necessary to model expansive reforms, the average is computed over rules of thumb for restrictive reforms and we assume that the same relationship holds for expansive reforms.

changes. This results in average rule-of-thumb estimates accurate for estimating the impact of changes

that are themselves relatively close to the baselaw condition.[6]

3. Four Microsimulation Models

The following four microsimulation models are used to estimate the rules of thumb for

incremental changes to the parameters:

- *Fiscal Year 1995 QC Minimodel.* This model operates on administrative data that are collected as part of an ongoing review of food stamp case records. The model contains information on about 60,000 records of participating food stamp units. It is used to estimate the impact of reforms on the current FSP caseload.

- *Fiscal Year Baseline QC Minimodel.* This model uses the fiscal year 1995 administrative data used in the 1995 QC Minimodel, but the data are projected to reflect the baseline conditions expected in 1998. The 1998 Baseline model is used to account for welfare reforms created by the Personal Responsibility and Work Opportunities Reconciliation Act of 1996 (PRWORA). These 1998 baseline data reflect three components of PRWORA: (1) disqualification from the FSP and the Supplemental Security Income (SSI) program of most legal permanent resident aliens; (2) disqualification from the FSP of most able-bodied, nonworking and childless adults; and (3) adjustments to the maximum benefit level, standard deduction, and shelter deduction designed to reflect the fiscal year 1998 parameter values deflated to fiscal year 1995 dollars.

- *1996 MATH CPS Model.* This model operates on household survey data from the March 1993 Current Population Survey (CPS) projected to represent April 1996. The model contains information on about 60,000 households and is used to estimate the impact of reforms on both the current caseload and the nonparticipating population.

- *January 1994 MATH SIPP Model.* This model operates on household survey data from SIPP. It contains information on about 30,000 households. Its measure of food stamp households' assets makes it particularly useful for examining the impact of changes to asset eligibility guidelines.

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[6]Average rules of thumb are accompanied by ranges of accuracy. Appendices A through D can be used to estimate the impact of any parameter changes that fall outside of the accuracy ranges.

4. Changes in FSP Parameters and Corresponding Rules of Thumb

We developed rules of thumb for estimating the impact of changes in the following FSP parameters:

- *Asset Limits*. The changes to the asset limits include incremental dollar increases to the asset guidelines.

- *Gross and Net Income Limits*. The changes to these limits reflect a wide range of possible changes. These screens have remained relatively unchanged in recent years.

- *Benefit Computation Components (Maximum and Minimum Benefit Levels and the Benefit Reduction Rate)*. The maximum food stamp benefit amounts are currently equal to 103 percent of the Thrifty Food Plan (TFP). However, under PRWORA, the maximum benefit becomes frozen at 100 percent of the TFP in 1997. All reforms are considered as dollar changes to the maximum benefit of a US household of four, with proportional changes to benefits of other households.

  The current minimum benefit of $10 for one- and two-person households and the benefit reduction rate of 30 percent have not changed since the Food Stamp Act of 1977. The changes to the minimum benefit and the benefit reduction rate we included are simple dollar and percentage-point increases and decreases.

- *Standard Deduction*. The only major change to the standard deduction since the Food Stamp Act of 1977 has come through PRWORA, which freezes the standard deduction at FY 1996 levels. All reforms are considered as dollar changes to the standard deduction of a US household of four, with proportional changes to benefits of other households.

- *Earnings Deduction* The current earnings deduction (equal to 20 percent of earnings) was legislated as part of the 1985 Food Security Act. In the past, proposed reforms to the earnings deduction have been simple increases and decreases of the 20 percent rate. The reforms for which rules of thumb were developed are of this type.

- *Medical Deduction* The current medical deduction that allows households with elderly or disabled persons to deduct medical expenses greater than $35 was legislated in the Food Stamp Amendments of 1979 and 1980 The changes to the medical deduction include past requests to raise the $35 threshold and, conversely, to deduct all medical expenses. The changes used to develop the rules of thumb also include an estimate of the impact on the FSP of reducing the medical deduction as well as allowing all households to take a medical deduction

- *Dependent Care Deduction* The dependent care deduction cap was changed in the Hunger Prevention Act of 1988 to $160 per month per dependent. It was changed again

as part of the Mickey Leland Act of 1993 to match the caps in the AFDC program--for children younger than 2, the limit is $200 per dependent, and for all other dependents, the limit is $175 per dependent.

- **Shelter Deduction.** In the Mickey Leland Act of 1993, Congress legislated an increase in and the eventual removal of the cap on the shelter deduction. PRWORA increases the shelter deduction cap from $247 to $250. We developed rules of thumb for incremental changes to the shelter deduction cap and the shelter expense threshold.

The range of changes over which we compute the average rules of thumb is a subset of all incremental changes for each parameter. For parameters with large values, such as the asset limit, these ranges were set at 25 percent of the baselaw value. For parameters with small values, such as the minimum benefit, these ranges were set at $10 or 10 percentage points from baselaw. To ensure that enough observations were available to compute the averages, at least five positive and five negative changes are considered within these ranges.[7]

B. RULE-OF-THUMB ESTIMATES

Average rules of thumb for each type of reform are presented in Table II.1. These average rules of thumb represent the average change in food stamp benefits per participant for a dollar or percentage-point change in an FSP parameter. The average rules of thumb can be used to answer the following question: "what would be the impact (expressed in 1995 dollars) of a change made to the parameter in 1998?"

Tables presenting detailed results, including the simulation results and the incremental rules of thumb for every parameter using each microsimulation model are contained in Appendix A (1995 QC Minimodel), Appendix B (FY 1998 Baseline QC Minimodel), Appendix C (1996 MATH CPS model), and Appendix D (1994 MATH SIPP model).

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[7]While the averages were computed with at least five observations, the applicable ranges include only the first four observations. This is done to avoid the influence of extreme changes to each parameter.

Graphs presenting rules of thumb expressed as changes in food stamp benefits per participant are also included in Appendices A through D. These graphs compare the incremental rule-of-thumb estimates generated by the four models to estimates generated by using the average rules of thumb.

The graphs are useful for two reasons. First, they depict the non-linear relationship between many of the parameters and food stamp benefits. As a proposed change to a parameter becomes larger, the impact on benefits may not be directly proportional to the increase in the parameter. Such non-linear relationships are not easily captured through the average rule-of-thumb estimates. For parameters where the true relationship is non-linear, the average rules of thumb become less accurate as the parameter change increases. Second, the graphs can be used to estimate the impact of a parameter change or to compare the impacts associated with rules of thumb generated from separate models.

The examples below explain how to use average rule-of-thumb estimates in Table II.1, the graphs in Appendices B through D, and the tables in Appendices A, B, C and D.

- *Average Rule of Thumb: Increase Maximum Benefit by $10.* The proposed reform is to increase the maximum benefit by $10.

  Using Table II.1. A $1 increase in the maximum benefit in 1998 represents a $0.2485 increase in food stamp benefits per participant (expressed in 1995 dollars). A $10 increase in the maximum benefit then represents a $2.49 increase in food stamps per participant ($0.2485 times 10).

- *Graph: Increase the Medical Deduction Threshold by $65.* The proposed reform is to increase the medical deduction threshold from $35 to $100.

  Using the Graph, Figure B.6. Because this is a restrictive reform, the QC data provide the most accurate estimate of the impact. Therefore, we use the medical deduction threshold graph generated from the 1998 Baseline QC Minimodel (Figure B.6). The right y-axis shows that an increase in the medical deduction threshold of $65 (indicated on the x-axis) represents an $0.15 decrease in food stamps per participant according to the 1998 QC data. The graph can also show what the estimate would be if the average rule of thumb were used ($0.24 per person). The figures in Appendices A, C and D also show the impact using 1995 QC, CPS and SIPP data respectively.

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- *Appendix D: Increase Asset Limit by $600.* The proposed reform is to decrease the asset limit from $3,000 for elderly and $2,000 for non-elderly to $3,600 for elderly and $2,600 for non-elderly.

Using Table D.1. The appropriate range for the asset limit average rule of thumb is the baselaw plus or minus $400. Because this reform exceeds that limit, the average rule of thumb should not be used. Because we did not estimate a rule of thumb for a $600 change to the asset limit, the incremental rule of thumb for a change relatively close to $600 can be used. SIPP contains the most accurate asset information and Table D.1 is the appropriate table to use. The closest estimate in Table D.1 is the rule of thumb associated with a $500 increase in the asset limit. The rule of thumb for a $500 change estimates that, on average, a dollar increase to the asset limit will increase benefits by $0.0028 per person. Using this rule of thumb, a $600 change represents $1.68 increase in food stamp benefits per person ($600 x $0.0028). Table C.1 can also be used to estimate the impact using CPS data.

TABLE II.1

AVERAGE RULE-OF-THUMB IMPACT ESTIMATES FOR CHANGES TO THE FSP

Parameter	Unit of Parameter Change	Monthly Dollar Change in Food Stamp Benefits Per Participant ($)	Range of Parameter Changes for which Rule of Thumb Is Accurate
Eligibility Screens			
Asset Limit*	±$1	0.0031	±$400
Vehicular Asset Limit*	±$1	0.0008	±$800
Income Screens** (Changes to Net; Gross = 130% Net)	±1% of Baselaw	0.0147	±20% of Baselaw
Benefit Computation			
Maximum Benefit (US Household of 4)**	±$1	0.2485	±$25
Minimum Benefit**	±$1	0.0338	±$8
Benefit Reduction Rate**	±1 Percentage Point	0.9157	±8 Percentage Points
Income Deductions			
Standard Deduction (US Household of 4)**	±$1	0.1009	±$25
Earnings Deduction**	±1 Percentage Point	0.2008	±8 Percentage Points
Medical Deduction Threshold**	±$1	0.0037	±$8
Dependent Care Deduction Cap**	±$1	0.0009	±$20
Shelter Deduction Cap**	±$1	0.0124	±$25
Threshold**	±1 Percentage Point	0.1805	±8 Percentage Points

* Based on 1994 MATH SIPP estimates. Estimates reflect the per person change in food stamp benefits (expressed in 1994 dollars) of a parameter change in 1994.

** Based on the 1998 Baseline QC Minimodel. Estimates reflect the per person change in food stamp benefits (expressed in 1995 dollars) of changing the parameter by 1 unit in 1998.

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III. RULES OF THUMB FOR CHANGES TO PUBLIC ASSISTANCE PROGRAMS INTERACTING WITH THE FSP

Since low-income households often participate in more than one public assistance program, changes to programs that interact with the FSP can complicate the ways in which the costs of these programs affect one another. To calculate the impact of changes to interacting programs on the FSP, OAE uses rules of thumb that are based on survey and FSP administrative data. In this chapter, we present updated and improved rules of thumb for estimating how changes to programs interacting with the FSP affect the FSP.[8]

A. FOUR MAJOR INTERACTING PUBLIC ASSISTANCE PROGRAMS

We estimated rules of thumb for four major public assistance programs that interact with the FSP: (1) AFDC,[9] (2) SSI, (3) Social Security, and (4) UC. FSP administrative data from 1995 indicate that in that year, 38 percent of food stamp households received AFDC, 23 percent received SSI, 19 percent received Social Security, and 2 percent received UC.

The rules of thumb for these four programs account for the direct impact of changes to these programs on the FSP as well as any "offsetting effects" from other programs. An offsetting effect occurs when a change in benefits issued under one interacting program leads to a change in benefits under another interacting program, offsetting the initial change. The AFDC and SSI programs are mutually exclusive, and cash payments from these programs do not affect Social Security or UC benefits. Therefore, changes to the AFDC or SSI programs have only a direct impact on the FSP.

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[8]For previous rules of thumb, see Long (1986) and Heiser (1995).

[9]The Personal Responsibility and Work Opportunities Reconciliation Act of 1996 eliminated the AFDC program and replaced it with the Temporary Assistance to Needy Families (TANF) program. However, because post-welfare reform data were not available when these rules of thumb were estimated, they only represent pre-welfare reform relationships.

Cash payments from Social Security or UC, however, count as income in the AFDC and SSI programs, as well as in the FSP. Therefore, changes to Social Security or UC benefits could lead to offsetting effects if they create changes in either the AFDC or SSI programs. For instance, since the FSP counts Social Security payments as income, an increase in Social Security for food stamp households receiving Social Security payments would cause food stamp benefits to drop. This direct impact on the FSP for households that also receive Social Security and SSI benefits would be offset by a decrease in SSI benefits.

B. METHODOLOGY

The methodology for calculating the change in FSP costs resulting from a given change in aggregate benefits paid by an interacting program is expressed in the following formula:

$$
\begin{bmatrix}
\text{Changes in benefits paid by an interacting program (Term \#1)}
\end{bmatrix}
\times
\begin{bmatrix}
\text{Fraction of all interacting program benefits going to FSP households (Term \#2)}
\times
\text{Average FSP BRR for households participating in the interacting program (Term \#3)}
- \sum_i
\left\{
\text{Fraction of all interacting program benefits going to those that participate in both the FSP and ith offsetting program (Term \#4)}
\times
\text{Average ith offsetting program BRR for those participating in FSP (Term \#5)}
\times
\text{Average FSP BRR for households in the interacting program and in the ith offsetting program (Term \#6)}
\right\}
\end{bmatrix}
$$

Performing the operation within the brackets, we produced a rule of thumb for each of the four interacting programs. This rule reflects the change in food stamps that is proportionate to each dollar change in the benefits issued under the interacting program. It is a function of the fraction of interacting program benefits that goes to food stamp households (Term #2) and food stamp households in offsetting programs (Term #4), and of various benefit reduction rates (BRRs) for these households (Terms #3, #5, and #6). To estimate these terms in the formula, we used the most recent and robust data on the distribution of program benefits and the characteristics of food stamp households. The change in FSP benefits caused by a change in one of these interacting programs

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is estimated by multiplying the appropriate rule of thumb by the given aggregate change in benefits paid by the interacting program (Term #1). The terms in the brackets, the data we used to estimate each term, and the resulting estimates are explained below.

1. Information on Overlapping Benefits (Terms #2 and #4)

Terms #2 and #4 represent the fraction of interacting program benefits going to food stamp households as follows:

- *Term #2*:   Fraction of All Interacting Program Benefits Going to Food Stamp Households

- *Term #4*:   Fraction of All Interacting Program Benefits Going to Food Stamp Households in Offsetting Programs

These two terms account for the fact that only food stamp households participating in the given interacting program will be affected by changes to the interacting program. The measure of program interaction is the fraction of interacting program *benefits* going to food stamp households, not the fraction of interacting program *participants* who are in food stamp households. Using participants in the formula would assume that the average interacting program benefit within subgroups of the interacting program caseload (such as food stamp households) is the same as the average benefit for the entire interacting program caseload.

The estimates of the fraction of interacting program benefits going to food stamp households, presented in Table III.1, are based on the January 1994 SIPP Eligibility File. This file includes recent data from a combined sample of 36,812 households interviewed in the 1992 Panel Wave 7 and the

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1993 Panel Wave 4. It provides information on multiple program participation, using the same unit of analysis, reference period, and questionnaire design for each program.[10]

The program overlap is largest between the AFDC program and the FSP: 92 percent of all AFDC benefits were received by persons also participating in the FSP. The overlap between the FSP and the SSI program is significantly smaller but still substantial: 40 percent of all SSI benefits were received by persons also participating in the FSP. Approximately 7 and 4 percent of Social Security and UC benefits, respectively, were received by food stamp participants.

TABLE III.1

SIPP-BASED MEASURES OF OVERLAP IN PROGRAM BENEFITS

Program	AFDC	SSI	Social Security	UC
Total Program Benefits	$1,479,334,690	$1,554,224,230	$2,298,730,522	$21,988,883,652
Percentage of Benefits to Food Stamp Units	92.3%	40.8%	6.6%	3.8%
Percentage of Benefits to Food Stamp/AFDC Units	n.a.	n.a.	2.1%	0.4%
Percentage of Benefits to Food Stamp/SSI Units	n.a.	n.a.	0.4%	1.4%

SOURCE: January 1994 SIPP Eligibility File.

n.a. = not applicable.

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[10]One disadvantage of household surveys such as SIPP is that households underreport participation in public assistance programs. For the purpose of developing rules of thumb, we are concerned with the overlap among the interacting programs and not with absolute participation or benefit levels. While the underreporting of program participation in SIPP may affect the accuracy of the estimates of program overlap, we do not have independent measures of program overlap with which to compare the SIPP estimates, with the exception of the overlap between the FSP and the AFDC program. Based on 1994 DHHS administrative data, 89 percent of AFDC units receive food stamps (U.S. Congress 1996). This estimate is relatively close to the benefit overlap estimate of 92 percent reported in SIPP.

2. Benefit Reduction Rates (Terms #3, #5, and #6)

Terms #3, #5, and #6 in the formula represent BRRs as follows:

- *Term #3*: Average FSP BRR for Households Participating in the Interacting Program

- *Term #5*: Average Offsetting Program BRR for Food Stamp Households

- *Term #6*: Average FSP BRR for Households in Both the Interacting Program and in the Offsetting Program

The FSP BRRs (Terms #3 and #6) are estimates of the rate at which food stamp benefits change in response to a change in benefits from an interacting program. The first BRR (Term #3) applies to households in the interacting program, and the second (Term #6) applies to households in the interacting and offsetting programs. The third BRR (Term #5) is an estimate of the rate at which benefits for the offsetting program change in response to a change in benefits from an interacting program. For example, one BRR would express the rate at which SSI benefits change in response to changes in Social Security benefits.

The FSP BRRs (Terms #3 and #6) vary across food stamp households because of the structure of the excess shelter expense deduction, the treatment of households with zero net income, and the minimum benefit levels for households with only one or two members. Therefore, a dollar change in unearned income does not always translate into a dollar change in net income. For example, the BRR for households without a shelter deduction is 0.30, but for households above the shelter deduction cap, the BRR is 0 45. To obtain these BRRs, we used the 1995 QC Minimodel,[11] increasing gross income by $10 and computing the BRRs for the groups of food stamp households

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[11]1998 Baseline data were not used in the creation of the rules of thumb for programs that interact with the FSP. Because the formula requires both SIPP and IQCS data and because we do not have a post-welfare reform baseline for the 1994 SIPP data, we used all pre-welfare reform data to calculate these rules.

as defined by the other programs in which they participate (Table III.2). The rates range from 0.30 for food stamp households receiving Social Security to 0.37 for food stamp households receiving SSI and UC benefits.

TABLE III.2

BENEFIT REDUCTION RATES

Other Programs in Which FSP Units Participate	Benefit Reduction Rate
AFDC	0.3195
SSI	0.3413
Social Security	0.3024
UC	0.3164
AFDC and Social Security	0.3587
AFDC and UC	0.3625
SSI and Social Security	0.3299
SSI and UC	0.3685
All FSP Households	0.2737

SOURCE: Fiscal Year 1995 QC Minimodel simulation of increasing gross income by $10.

Since offsetting effects happen only when changes to the Social Security or UC programs affect AFDC or SSI benefits, the BRR for offsetting programs (Term #5) applies to the rate at which AFDC or SSI benefits change as Social Security or UC benefits change. In estimating the current rules of thumb, we assumed that these BRRs for offsetting programs are 1 in all cases. This assumption is reasonable because an examination of the benefit formulas for the AFDC and SSI programs shows that generally, a dollar change in unearned income translates into a dollar change in benefits. Although more than one set of offsetting effects may occur, we assume that these additional effects are minimal, so we account for only one set of offsetting effects.

C. RULES OF THUMB FOR CHANGES TO PROGRAMS THAT INTERACT WITH THE FSP

The formula for calculating the rules of thumb for each of the four interacting programs, the estimates of the terms in the formula, and the rules of thumb are presented in Table III.3. The rules of thumb show that a change in AFDC benefits has the largest impact on the FSP: for every dollar change in AFDC benefits, food stamp benefits change by 29.5 cents. The rules of thumb for SSI, Social Security, and UC are 13.9, 1.1, and 0.5 percent, respectively. To estimate the impact of changes to the interacting program on the FSP, the rule of thumb is multiplied by the change in the interacting program's benefits. For example, if AFDC benefits increase by $100 million, the estimated decrease in the FSP benefits is $29.5 million (29.5 percent X $100 million).

TABLE III.3

RULES OF THUMB FOR CHANGES TO PROGRAMS
THAT INTERACT WITH THE FSP

$$\left[\begin{array}{l} \text{Changes in benefits paid by an interacting program (Term #1)} \end{array} \text{X} \left[\begin{array}{l} \text{Fraction of all interacting program benefits going to FSP households (Term #2)} \end{array} \text{X} \begin{array}{l} \text{Average FSP BRR for households participating in the interacting program (Term #3)} \end{array} - \sum_i \left\{ \begin{array}{l} \text{Fraction of all interacting program benefits going to those who participate in both the FSP and ith offsetting program (Term #4)} \end{array} \text{X} \begin{array}{l} \text{Average ith offsetting program BRR for those participating in FSP (Term #5)} \end{array} \text{X} \begin{array}{l} \text{Average FSP BRR for households in the interacting program and in the ith offsetting program (Term #6)} \end{array} \right\} \right] \right\}$$

Program Overlap and BRR Estimates

	Term #2[a]	Term #3[b]	Offsetting Program	Term #4[a]	Term #5	Term #6[b]
AFDC	0.9233	0.3195	None			
SSI	0.4081	0.3413	None			
Social Security	0.0664	0.3024	AFDC	0.0208	1.000	0.3587
			SSI	0.0037	1.000	0.3299
Unemployment Compensation	0.0382	0.3164	AFDC	0.0043	1.000	0.3625
			SSI	0.0140	1.000	0.3685

Rules of Thumb

AFDC	29.5%
SSI	13.9%
Social Security	1.1%
Unemployment Compensation	0.5%

[a]The source of program benefit overlap estimates (Terms #2 and #4) is the 1994 SIPP Eligibility File.
[b]The source of the average FSP BRRs (Terms #3 and #6) is the Fiscal Year 1995 QC Minimodel.
[c]The average BRRs for interacting programs (Term #5) are assumed to be 1.

REFERENCES

Heiser, Nancy. "Rules of Thumb for Producing Food Stamp Program Impact Estimates." Prepared for U.S. Department of Agriculture, Food and Nutrition Service (#53-3198-3-31-038). Washington, DC: Mathematica Policy Research, Inc., July 17, 1995.

Heiser, Nancy. "Rules of Thumb for Rough Cost Estimation." Memorandum to Alana Landey, U.S. Department of Agriculture, Food and Nutrition Service (#53-3198-7-31-544). Washington, DC: Mathematica Policy Research, Inc., April 9, 1990.

Long, Sharon. "Program Interactions: Cost Projections for the Food Stamp Program." Washington, DC: Mathematica Policy Research, Inc., March 14, 1986.

Sykes, Julie. "Technical Working Paper: Creation of the January 1992 FOSTERS Microsimulation Model and Database." Washington, DC: Mathematica Policy Research, Inc., April 29, 1994.

U.S. Congress, House of Representatives, Committee on Ways and Means. *Overview of Entitlement Programs: 1996 Green Book.* Washington, DC: U.S. Government Printing Office, 1996.

APPENDIX A

RULES OF THUMB FOR CHANGES TO THE FSP
FY 1995 QC MINIMODEL RESULTS

RULES OF THUMB FOR CHANGES TO THE FSP
FISCAL YEAR 1995 QC MINIMODEL RESULTS

		Percentage Impacts		Dollar Impacts			
				Average Change in Food Stamps Per:		Average Change in Food Stamps per Dollar or Percentage Point Change in Parameter Per:	
Parameter Change	Total FSP Benefits (Dollars)	Percent Change in Total FSP Benefits	Percent Change in FSP Benefits per Dollar or Percentage Point Parameter Chang	Baselaw Units (Dollars)	Baselaw Participant (Dollars)	Baselaw Units (Dollars)	Baselaw Participant (Dollars)
				All FSP Units =	All Participants =		
Baselaw: FY 1995 QC Minimodel	1,870,039,108			10,882,782	26,955,088		
Gross and Net Income Screens							
Baselaw	1,870,039,108	0.00	0.0000	0.00	0.00	0.0000	0.0000
Decrease Gross 5%	1,867,064,616	-0.16	-0.0318	-0.27	-0.11	-0.0547	-0.0221
Decrease Gross 10%	1,860,144,659	-0.53	-0.0529	-0.91	-0.37	-0.0909	-0.0367
Decrease Gross 15%	1,851,788,705	-0.98	-0.0651	-1.68	-0.68	-0.1118	-0.0451
Decrease Gross 20%	1,839,070,237	-1.66	-0.0828	-2.85	-1.15	-0.1423	-0.0574
Decrease Gross 25%	1,824,418,428	-2.44	-0.0976	-4.19	-1.69	-0.1677	-0.0677
Decrease Gross 30%	1,802,816,789	-3.59	-0.1198	-6.18	-2.49	-0.2059	-0.0831
Decrease Gross 40%	1,747,474,712	-6.55	-0.1639	-11.26	-4.55	-0.2816	-0.1137
Decrease Gross 50%	1,683,092,507	-10.00	-0.1999	-17.18	-6.94	-0.3436	-0.1387
Increase Gross 5%	1,870,039,108	0.00	0.0000	0.00	0.00	0.0000	0.0000
Increase Gross 10%	1,870,039,108	0.00	0.0000	0.00	0.00	0.0000	0.0000
Increase Gross 15%	1,870,039,108	0.00	0.0000	0.00	0.00	0.0000	0.0000
Increase Gross 20%	1,870,039,108	0.00	0.0000	0.00	0.00	0.0000	0.0000
Increase Gross 25%	1,870,039,108	0.00	0.0000	0.00	0.00	0.0000	0.0000
Increase Gross 30%	1,870,039,108	0.00	0.0000	0.00	0.00	0.0000	0.0000
Increase Gross 40%	1,870,039,108	0.00	0.0000	0.00	0.00	0.0000	0.0000
Increase Gross 50%	1,870,039,108	0.00	0.0000	0.00	0.00	0.0000	0.0000
No Gross Income Screen	1,870,039,108	12.98	n.a.	20.94	8.46	n.a.	n.a.
Decrease Net 5%	1,869,437,029	-0.03	-0.0064	-0.06	-0.02	-0.0111	-0.0045
Decrease Net 10%	1,867,519,816	-0.13	-0.0135	-0.23	-0.09	-0.0231	-0.0093
Decrease Net 15%	1,864,049,283	-0.32	-0.0214	-0.55	-0.22	-0.0367	-0.0148
Decrease Net 20%	1,858,540,074	-0.61	-0.0307	-1.06	-0.43	-0.0528	-0.0213
Decrease Net 25%	1,849,146,502	-1.12	-0.0447	-1.92	-0.78	-0.0768	-0.0310
Decrease Net 30%	1,837,659,283	-1.73	-0.0577	-2.98	-1.20	-0.0992	-0.0400
Decrease Net 40%	1,802,492,195	-3.61	-0.0903	-6.21	-2.51	-0.1552	-0.0626
Decrease Net 50%	1,750,382,582	-6.40	-0.1280	-11.00	-4.44	-0.2199	-0.0888
Increase Net 5%	1,870,039,108	0.00	0.0000	0.00	0.00	0.0000	0.0000
Increase Net 10%	1,870,039,108	0.00	0.0000	0.00	0.00	0.0000	0.0000
Increase Net 15%	1,870,039,108	0.00	0.0000	0.00	0.00	0.0000	0.0000
Increase Net 20%	1,870,039,108	0.00	0.0000	0.00	0.00	0.0000	0.0000
Increase Net 25%	1,870,039,108	0.00	0.0000	0.00	0.00	0.0000	0.0000
Increase Net 30%	1,870,039,108	0.00	0.0000	0.00	0.00	0.0000	0.0000
Increase Net 40%	1,870,039,108	0.00	0.0000	0.00	0.00	0.0000	0.0000
Increase Net 50%	1,870,039,108	0.00	0.0000	0.00	0.00	0.0000	0.0000
No Net Income Screen	1,870,039,108	12.98	n.a.	20.94	8.46	n.a.	n.a.
Maximum Benefit							
Decrease $30	1,664,919,661	-10.97	-0.3656	-18.85	-7.61	-0.6283	-0.2537
Decrease $25	1,698,834,653	-9.16	-0.3662	-15.73	-6.35	-0.6293	-0.2541
Decrease $20	1,732,197,305	-7.37	-0.3686	-12.67	-5.11	-0.6333	-0.2557
Decrease $15	1,768,779,362	-5.41	-0.3610	-9.30	-3.76	-0.6203	-0.2504
Decrease $10	1,802,098,100	-3.63	-0.3633	-6.24	-2.52	-0.6243	-0.2521
Decrease $5	1,836,523,120	-1.79	-0.3585	-3.08	-1.24	-0.6159	-0.2487
Base ($386, US Household 4)	1,870,039,108	0.00	0.0000	0.00	0.00	0.0000	0.0000
Increase $5	1,903,579,013	1.79	0.3587	3.08	1.24	0.6164	0.2489
Increase $10	1,938,216,225	3.65	0.3646	6.26	2.53	0.6265	0.2529
Increase $15	1,971,786,154	5.44	0.3622	9.35	3.77	0.6233	0.2516
Increase $20	2,008,944,765	7.43	0.3714	12.76	5.15	0.6382	0.2577
Increase $25	2,042,768,206	9.24	0.3694	15.87	6.41	0.6349	0.2563
Increase $30	2,077,582,400	11.10	0.3696	19.07	7.70	0.6357	0.2567

n.a. = not applicable

Parameter Change	Total FSP Benefits (Dollars)	Percentage Impacts		Dollar Impacts			
		Percent Change in Total FSP Benefits	Percent Change in FSP Benefits per Dollar or Percentage Point Parameter Chang	Average Change in Food Stamps Per:		Average Change in Food Stamps per Dollar or Percentage Point Change in Parameter Per	
				Baselaw Units (Dollars)	Baselaw Participant (Dollars)	Baselaw Units (Dollars)	Baselaw Participant (Dollars)
Baselaw: FY 1995 QC Minimodel	1,870,039,108			All FSP Units = 10,882,782	All Participants = 26,955,088		
Minimum Benefit							
$0 for Units Size 1 and 2	1,865,994,366	-0.22	-0.0216	-0.37	-0.15	-0.0372	-0.0150
$10 for Units Size 1 and 2 (Base)	1,870,039,108	0.00	0.0000	0.00	0.00	0.0000	0.0000
$12 for Units Size 1 and 2	1,871,008,085	0.05	0.0259	0.09	0.04	0.0445	0.0180
$14 for Units Size 1 and 2	1,872,185,114	0.11	0.0287	0.20	0.08	0.0493	0.0199
$16 for Units Size 1 and 2	1,873,462,806	0.18	0.0305	0.31	0.13	0.0524	0.0212
$18 for Units Size 1 and 2	1,874,847,165	0.26	0.0321	0.44	0.18	0.0552	0.0223
$20 for Units Size 1 and 2	1,876,455,982	0.34	0.0343	0.59	0.24	0.0590	0.0238
$30 for Units Size 1 and 2	1,886,024,132	0.85	0.0427	1.47	0.59	0.0734	0.0297
$40 for Units Size 1 and 2	1,897,873,164	1.49	0.0496	2.56	1.03	0.0853	0.0344
$50 for Units Size 1 and 2	1,912,177,014	2.25	0.0563	3.87	1.56	0.0968	0.0391
$10 for All Units	1,870,046,082	0.00	n.a.	0.00	0.00	n.a.	n.a.
Benefits Reduction Rate (BRR)							
BRR = 0.00	2,721,425,637	45.53	1.5176	78.23	31.59	2.6077	1.0528
BRR = 0.10	2,433,080,391	30.11	1.5054	51.74	20.89	2.5868	1.0444
BRR = 0.20	2,146,217,534	14.77	1.4769	25.38	10.25	2.5378	1.0246
BRR = 0.22	2,089,875,028	11.76	1.4695	20.20	8.16	2.5250	1.0195
BRR = 0.24	2,033,673,154	8.75	1.4584	15.04	6.07	2.5060	1.0118
BRR = 0.26	1,978,470,445	5.80	1.4496	9.96	4.02	2.4909	1.0057
BRR = 0.28	1,923,856,454	2.88	1.4389	4.95	2.00	2.4726	0.9983
BRR = 0.30 (Base)	1,870,039,108	0.00	0.0000	0.00	0.00	0.0000	0.0000
BRR = 0.32	1,818,446,557	-2.76	-1.3795	-4.74	-1.91	-2.3704	-0.9570
BRR = 0.34	1,768,580,628	-5.43	-1.3564	-9.32	-3.76	-2.3307	-0.9410
BRR = 0.36	1,721,323,840	-7.95	-1.3254	-13.67	-5.52	-2.2775	-0.9195
BRR = 0.38	1,676,393,968	-10.36	-1.2944	-17.79	-7.18	-2.2242	-0.8980
BRR = 0.40	1,633,828,196	-12.63	-1.2631	-21.71	-8.76	-2.1705	-0.8763
BRR = 0.50	1,450,536,319	-22.43	-1.1216	-38.55	-15.56	-1.9274	-0.7782
Standard Deduction							
Baselaw	1,870,039,108	0.00	0.0000	0.00	0.00	0.0000	0.0000
Increase $10	1,899,077,235	1.55	0.1553	2.67	1.08	0.2668	0.1077
Increase $15	1,913,447,855	2.32	0.1548	3.99	1.61	0.2659	0.1074
Increase $20	1,927,839,804	3.09	0.1545	5.31	2.14	0.2656	0.1072
Increase $25	1,942,011,738	3.85	0.1539	6.61	2.67	0.2645	0.1068
Increase $30	1,956,096,231	4.60	0.1534	7.91	3.19	0.2636	0.1064
Increase $40	1,983,842,840	6.09	0.1521	10.46	4.22	0.2614	0.1055
Increase $50	2,011,014,452	7.54	0.1508	12.95	5.23	0.2591	0.1046
Decrease $10	1,840,505,668	-1.58	-0.1579	-2.71	-1.10	-0.2714	-0.1096
Decrease $15	1,825,721,260	-2.37	-0.1580	-4.07	-1.64	-0.2715	-0.1096
Decrease $20	1,810,837,446	-3.17	-0.1583	-5.44	-2.20	-0.2720	-0.1098
Decrease $25	1,795,810,075	-3.97	-0.1588	-6.82	-2.75	-0.2728	-0.1102
Decrease $30	1,780,956,096	-4.76	-0.1588	-8.19	-3.30	-0.2729	-0.1102
Decrease $40	1,751,240,011	-6.35	-0.1588	-10.92	-4.41	-0.2729	-0.1102
Decrease $50	1,721,441,436	-7.95	-0.1589	-13.65	-5.51	-0.2731	-0.1103
No Standard Deduction	1,474,049,895	-21.18	n.a.	-36.39	-14.69	n.a.	n.a.

n.a. = not applicable

		Percentage Impacts		Dollar Impacts			
				Average Change in Food Stamps Per:		Average Change in Food Stamps per Dollar or Percentage Point Change in Parameter Per:	
Parameter Change	Total FSP Benefits (Dollars)	Percent Change in Total FSP Benefits	Percent Change in FSP Benefits per Dollar or Percentage Point Parameter Chang	Baselaw Units (Dollars)	Baselaw Participant (Dollars)	Baselaw Units (Dollars)	Baselaw Participant (Dollars)
				All FSP Units =	All Participants =		
Baselaw: FY 1995 QC Minimodel	1,870,039,108			10,882,782	26,955,088		
Earnings Deduction							
No Earnings Deduction	1,765,551,515	-5.59	-0.2794	-9.60	-3.88	-0.4801	-0.1938
10% of Earnings	1,815,942,148	-2.89	-0.2893	-4.97	-2.01	-0.4971	-0.2007
12% of Earnings	1,826,494,652	-2.33	-0.2911	-4.00	-1.62	-0.5002	-0.2019
14% of Earnings	1,837,321,071	-1.75	-0.2916	-3.01	-1.21	-0.5011	-0.2023
16% of Earnings	1,848,193,787	-1.17	-0.2920	-2.01	-0.81	-0.5018	-0.2026
18% of Earnings	1,859,176,783	-0.58	-0.2904	-1.00	-0.40	-0.4991	-0.2015
20% of Earnings (Baselaw)	1,870,039,108	0.00	0.0000	0.00	0.00	0.0000	0.0000
22% of Earnings	1,880,915,019	0.58	0.2908	1.00	0.40	0.4997	0.2017
24% of Earnings	1,891,904,381	1.17	0.2923	2.01	0.81	0.5023	0.2028
26% of Earnings	1,902,778,625	1.75	0.2918	3.01	1.21	0.5014	0.2024
28% of Earnings	1,913,744,618	2.34	0.2921	4.02	1.62	0.5020	0.2027
30% of Earnings	1,924,835,480	2.93	0.2930	5.04	2.03	0.5035	0.2033
40% of Earnings	1,978,355,919	5.79	0.2896	9.95	4.02	0.4977	0.2009
50% of Earnings	2,029,345,469	8.52	0.2840	14.64	5.91	0.4879	0.1970
60% of Earnings	2,074,251,356	10.92	0.2730	18.76	7.58	0.4691	0.1894
70% of Earnings	2,110,010,522	12.83	0.2566	22.05	8.90	0.4410	0.1781
80% of Earnings	2,133,146,814	14.07	0.2345	24.18	9.76	0.4029	0.1627
90% of Earnings	2,146,063,155	14.76	0.2109	25.36	10.24	0.3623	0.1463
100% of Earnings	2,154,320,128	15.20	0.1900	26.12	10.55	0.3265	0.1318
Medical Deduction Threshold							
Deduct All Medical Expenses	1,874,332,752	0.23	n.a.	0.39	0.16	n.a.	n.a.
Deduct Expenses Over $25	1,871,125,619	0.06	0.0058	0.10	0.04	0.0100	0.0040
Deduct Expenses Over $27	1,870,905,170	0.05	0.0058	0.08	0.03	0.0099	0.0040
Deduct Expenses Over $29	1,870,684,359	0.03	0.0058	0.06	0.02	0.0099	0.0040
Deduct Expenses Over $31	1,870,465,699	0.02	0.0057	0.04	0.02	0.0098	0.0040
Deduct Expenses Over $33	1,870,253,074	0.01	0.0057	0.02	0.01	0.0098	0.0040
Deduct Expenses Over $35 (Base)	1,870,039,108	0.00	0.0000	0.00	0.00	0.0000	0.0000
Deduct Expenses Over $37	1,869,833,937	-0.01	-0.0055	-0.02	-0.01	-0.0094	-0.0038
Deduct Expenses Over $39	1,869,625,809	-0.02	-0.0055	-0.04	-0.02	-0.0095	-0.0038
Deduct Expenses Over $41	1,869,426,479	-0.03	-0.0055	-0.06	-0.02	-0.0094	-0.0038
Deduct Expenses Over $43	1,869,251,579	-0.04	-0.0053	-0.07	-0.03	-0.0090	-0.0037
Deduct Expenses Over $45	1,869,064,893	-0.05	-0.0052	-0.09	-0.04	-0.0090	-0.0036
Deduct Expenses Over $50	1,868,674,975	-0.07	-0.0049	-0.13	-0.05	-0.0084	-0.0034
Deduct Expenses Over $75	1,867,038,887	-0.16	-0.0040	-0.28	-0.11	-0.0069	-0.0028
Deduct Expenses Over $100	1,865,733,809	-0.23	-0.0035	-0.40	-0.16	-0.0061	-0.0025
Deduct Expenses Over $125	1,864,723,932	-0.28	-0.0032	-0.49	-0.20	-0.0054	-0.0022
Deduct Expenses Over $150	1,864,009,454	-0.32	-0.0028	-0.55	-0.22	-0.0048	-0.0019
No Medical Deduction	1,860,975,075	-0.48	n.a.	-0.83	-0.34	n.a.	n.a.
Dependent Care Deduction Cap							
No Dependent Care Deduction	1,852,411,591	-0.94	n.a.	-1.62	-0.65	n.a.	n.a.
Decrease Cap $75 ($125-$100)	1,867,328,814	-0.14	-0.0019	-0.25	-0.10	-0.0033	-0.0013
Decrease Cap $50 ($150-$125)	1,868,620,985	-0.08	-0.0015	-0.13	-0.05	-0.0026	-0.0011
Decrease Cap $40 ($160-$135)	1,868,997,774	-0.06	-0.0014	-0.10	-0.04	-0.0024	-0.0010
Decrease Cap $30 ($170-$145)	1,869,318,528	-0.04	-0.0013	-0.07	-0.03	-0.0022	-0.0009
Decrease Cap $20 ($180-$155)	1,869,603,083	-0.02	-0.0012	-0.04	-0.02	-0.0020	-0.0008
Decrease Cap $10 ($190-$165)	1,869,839,445	-0.01	-0.0011	-0.02	-0.01	-0.0018	-0.0007
Baselaw ($200-$175)	1,870,039,108	0.00	0.0000	0.00	0.00	0.0000	0.0000
Increase Cap $10 ($210-$185)	1,870,097,434	0.00	0.0003	0.01	0.00	0.0005	0.0002
Increase Cap $20 ($220-$195)	1,870,149,616	0.01	0.0003	0.01	0.00	0.0005	0.0002
Increase Cap $30 ($230-$205)	1,870,190,397	0.01	0.0003	0.01	0.01	0.0005	0.0002
Increase Cap $40 ($240-$215)	1,870,218,847	0.01	0.0002	0.02	0.01	0.0004	0.0002
Increase Cap $50 ($250-$225)	1,870,244,034	0.01	0.0002	0.02	0.01	0.0004	0.0002
Increase Cap $75 ($275-$250)	1,870,298,268	0.01	0.0002	0.02	0.01	0.0003	0.0001
No Dependent Care Cap	1,870,560,329	0.03	n.a.	0.05	0.02	n.a.	n.a.

n.a. = not applicable

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Parameter Change	Total FSP Benefits (Dollars)	Percentage Impacts		Dollar Impacts			
		Percent Change in Total FSP Benefits	Percent Change in FSP Benefits per Dollar or Percentage Point Parameter Chang	Average Change in Food Stamps Per:		Average Change in Food Stamps per Dollar or Percentage Point Change in Parameter Per:	
				Baselaw Units (Dollars)	Baselaw Participant (Dollars)	Baselaw Units (Dollars)	Baselaw Participant (Dollars)
Baselaw: FY 1995 QC Minimodel	1,870,039,108			All FSP Units = 10,882,782	All Participants = 26,955,088		
Shelter Deduction Cap							
Decrease Cap $30	1,858,564,922	-0.61	-0.0205	-1.05	-0.43	-0.0351	-0.0142
Decrease Cap $25	1,860,740,322	-0.50	-0.0199	-0.85	-0.34	-0.0342	-0.0138
Decrease Cap $20	1,862,750,512	-0.39	-0.0195	-0.67	-0.27	-0.0335	-0.0135
Decrease Cap $15	1,864,739,175	-0.28	-0.0189	-0.49	-0.20	-0.0325	-0.0131
Decrease Cap $10	1,866,569,122	-0.19	-0.0186	-0.32	-0.13	-0.0319	-0.0129
Decrease Cap $5	1,868,385,888	-0.09	-0.0177	-0.15	-0.06	-0.0304	-0.0123
Baselaw ($231)	1,870,039,108	0.00	0.0000	0.00	0.00	0.0000	0.0000
Increase Cap $5	1,871,738,077	0.09	0.0182	0.16	0.06	0.0312	0.0126
Increase Cap $10	1,873,251,130	0.17	0.0172	0.30	0.12	0.0295	0.0119
Increase Cap $15	1,874,804,337	0.25	0.0170	0.44	0.18	0.0292	0.0118
Increase Cap $20	1,876,210,357	0.33	0.0165	0.57	0.23	0.0284	.0.0114
Increase Cap $25	1,877,647,380	0.41	0.0163	0.70	0.28	0.0280	0.0113
Increase Cap $30	1,878,939,555	0.48	0.0159	0.82	0.33	0.0273	0.0110
No Shelter Deduction Cap	1,904,729,055	1.86	n.a.	3.19	1.29	n.a.	n.a.
Shelter Deduction Threshold							
Deduct Expenses > X% of Net Income							
X=0	2,150,315,776	14.99	0.2998	25.75	10.40	0.5151	0.2080
X=10	2,098,772,827	12.23	0.3058	21.02	8.49	0.5254	0.2121
X=20	2,041,835,847	9.19	0.3062	15.79	6.37	0.5262	0.2124
X=30	1,982,242,599 ·	6.00	0.3000	10.31	4.16	0.5155	0.2081
X=40	1,924,421,040	2.91	0.2908	5.00	2.02	0.4997	0.2018
X=42	1,913,218,194	2.31	0.2886	3.97	1.60	0.4960	0.2002
X=44	1,902,175,610	1.72	0.2864	2.95	1.19	0.4922	0.1987
X=46	1,891,250,958	1.13	0.2836	1.95	0.79	0.4873	0.1967
X=48	1,880,661,732	0.57	0.2840	0.98	0.39	0.4880	0.1970
X=50 (Base)	1,870,039,108	0.00	0.0000	0.00	0.00	0.0000	0.0000
X=52	1,860,152,269	-0.53	-0.2643	-0.91	-0.37	-0.4542	-0.1834
X=54	1,850,300,929	-1.06	-0.2639	-1.81	-0.73	-0.4534	-0.1831
X=56	1,840,606,433	-1.57	-0.2623	-2.70	-1.09	-0.4508	-0.1820
X=58	1,831,314,493	-2.07	-0.2588	-3.56	-1.44	-0.4448	-0.1796
X=60	1,822,297,226	-2.55	-0.2553	-4.39	-1.77	-0.4387	-0.1771
X=70	1,781,546,473	-4.73	-0.2366	-8.13	-3.28	-0.4066	-0.1641
X=80	1,747,486,656	-6.55	-0.2184	-11.26	-4.55	-0.3754	-0.1516
X=90	1,719,748,961	-8.04	-0.2009	-13.81	-5.58	-0.3452	-0.1394
X=100	1,697,360,096	-9.23	-0.1847	-15.87	-6.41	-0.3173	-0.1281

n.a. = not applicable

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APPENDIX B

RULES OF THUMB FOR CHANGES TO THE FSP
FY 1998 BASELINE QC MINIMODEL BASELINE RESULTS

RULES OF THUMB FOR CHANGES TO THE FSP
FY 1998 QC BASELINE MINIMODEL RESULTS

Parameter Change	Total FSP Benefits (Dollars)	Percentage Impacts		Dollar Impacts			
		Percent Change in Total FSP Benefits	Percent Change in FSP Benefits per Dollar or Percentage Point Parameter Chang	Average Change in Food Stamps Per:		Average Change in Food Stamps per Dollar or Percentage Point Change in Parameter Per:	
				Baselaw Units (Dollars)	Baselaw Participant (Dollars)	Baselaw Units (Dollars)	Baselaw Participant (Dollars)
Baselaw: 1998 QC Minimodel	1,655,160,540			All FSP Units = 10,259,231	All Participants = 25,388,730		
Gross and Net Income Screens							
Baselaw	1,655,160,540	0.00	0.0000	0.00	0.00	0.0000	0.0000
Decrease Gross 5%	1,653,318,263	-0.11	-0.0223	-0.18	-0.07	-0.0359	-0.0145
Decrease Gross 10%	1,648,207,990	-0.42	-0.0420	-0.68	-0.27	-0.0678	-0.0274
Decrease Gross 15%	1,641,270,467	-0.84	-0.0559	-1.35	-0.55	-0.0903	-0.0365
Decrease Gross 20%	1,630,634,742	-1.48	-0.0741	-2.39	-0.97	-0.1195	-0.0483
Decrease Gross 25%	1,617,989,264	-2.25	-0.0898	-3.62	-1.46	-0.1449	-0.0586
Decrease Gross 30%	1,599,472,663	-3.36	-0.1122	-5.43	-2.19	-0.1809	-0.0731
Decrease Gross 40%	1,551,848,188	-6.24	-0.1560	-10.07	-4.07	-0.2518	-0.1017
Decrease Gross 50%	1,494,280,543	-9.72	-0.1944	-15.68	-6.34	-0.3136	-0.1267
Increase Gross 5%	1,655,184,229	0.00	0.0003	0.00	0.00	0.0005	0.0002
Increase Gross 10%	1,655,188,349	0.00	0.0002	0.00	0.00	0.0003	0.0001
Increase Gross 15%	1,655,191,117	0.00	0.0001	0.00	0.00	0.0002	0.0001
Increase Gross 20%	1,655,191,117	0.00	0.0001	0.00	0.00	0.0001	0.0001
Increase Gross 25%	1,655,191,117	0.00	0.0001	0.00	0.00	0.0001	0.0000
Increase Gross 30%	1,655,191,117	0.00	0.0001	0.00	0.00	0.0001	0.0000
Increase Gross 40%	1,655,191,117	0.00	0.0000	0.00	0.00	0.0001	0.0000
Increase Gross 50%	1,655,191,117	0.00	0.0000	0.00	0.00	0.0001	0.0000
No Gross Income Screen	1,655,191,117	0.00	n.a.	0.00	0.00	n.a.	n.a.
Decrease Net 5%	1,654,612,257	-0.03	-0.0066	-0.05	-0.02	-0.0107	-0.0043
Decrease Net 10%	1,653,032,710	-0.13	-0.0129	-0.21	-0.08	-0.0207	-0.0084
Decrease Net 15%	1,650,251,598	-0.30	-0.0198	-0.48	-0.19	-0.0319	-0.0129
Decrease Net 20%	1,645,489,943	-0.58	-0.0292	-0.94	-0.38	-0.0471	-0.0190
Decrease Net 25%	1,636,791,915	-1.11	-0.0444	-1.79	-0.72	-0.0716	-0.0289
Decrease Net 30%	1,626,622,038	-1.72	-0.0575	-2.78	-1.12	-0.0927	-0.0375
Decrease Net 40%	1,594,957,838	-3.64	-0.0909	-5.87	-2.37	-0.1467	-0.0593
Decrease Net 50%	1,551,230,822	-6.28	-0.1256	-10.13	-4.09	-0.2026	-0.0819
Increase Net 5%	1,655,202,934	0.00	0.0005	0.00	0.00	0.0008	0.0003
Increase Net 10%	1,655,207,677	0.00	0.0003	0.00	0.00	0.0005	0.0002
Increase Net 15%	1,655,212,821	0.00	0.0002	0.01	0.00	0.0003	0.0001
Increase Net 20%	1,655,213,546	0.00	0.0002	0.01	0.00	0.0003	0.0001
Increase Net 25%	1,655,213,546	0.00	0.0001	0.01	0.00	0.0002	0.0001
Increase Net 30%	1,655,216,470	0.00	0.0001	0.01	0.00	0.0002	0.0001
Increase Net 40%	1,655,216,470	0.00	0.0001	0.01	0.00	0.0001	0.0001
Increase Net 50%	1,655,216,470	0.00	0.0001	0.01	0.00	0.0001	0.0000
No Net Income Screen	1,655,216,470	0.00	n.a.	0.01	0.00	n.a.	n.a.
Maximum Benefit							
Decrease $30	1,469,420,782	-11.22	-0.3741	-18.10	-7.32	-0.6035	-0.2439
Decrease $25	1,496,662,982	-9.58	-0.3830	-15.45	-6.24	-0.6180	-0.2497
Decrease $20	1,539,746,435	-6.97	-0.3486	-11.25	-4.55	-0.5625	-0.2273
Decrease $15	1,560,437,053	-5.72	-0.3815	-9.23	-3.73	-0.6155	-0.2487
Decrease $10	1,591,980,825	-3.82	-0.3817	-6.16	-2.49	-0.6158	-0.2488
Decrease $5	1,621,177,003	-2.05	-0.4106	-3.31	-1.34	-0.6625	-0.2677
Base ($386, US Household 4)	1,655,160,540	0.00	0.0000	0.00	0.00	0.0000	0.0000
Increase $5	1,683,584,302	1.72	0.3435	2.77	1.12	0.5541	0.2239
Increase $10	1,716,636,520	3.71	0.3714	5.99	2.42	0.5992	0.2421
Increase $15	1,747,981,525	5.61	0.3739	9.05	3.66	0.6032	0.2437
Increase $20	1,775,270,643	7.26	0.3628	11.71	4.73	0.5854	0.2365
Increase $25	1,809,942,827	9.35	0.3741	15.09	6.10	0.6035	0.2439
Increase $30	1,840,550,082	11.20	0.3734	18.07	7.30	0.6024	0.2434

n.a. = not applicable

		Percentage Impacts		Dollar Impacts			
				Average Change in Food Stamps Per:		Average Change in Food Stamps per Dollar or Percentage Point Change in Parameter Per:	
Parameter Change	Total FSP Benefits (Dollars)	Percent Change in Total FSP Benefits	Percent Change in FSP Benefits per Dollar or Percentage Point Parameter Chang	Baselaw Units (Dollars)	Baselaw Participant (Dollars)	Baselaw Units (Dollars)	Baselaw Participant (Dollars)
Baselaw: 1998 QC Minimodel	1,655,160,540			All FSP Units = 10,259,231	All Participants = 25,388,730		
Minimum Benefit							
$0 for Units Size 1 and 2	1,649,465,993	-0.34	-0.0344	-0.56	-0.22	-0.0555	-0.0224
$10 for Units Size 1 and 2 (Base)	1,655,160,540	0.00	0.0000	0.00	0.00	0.0000	0.0000
$12 for Units Size 1 and 2	1,656,737,476	0.10	0.0476	0.15	0.06	0.0769	0.0311
$14 for Units Size 1 and 2	1,658,471,891	0.20	0.0500	0.32	0.13	0.0807	0.0326
$16 for Units Size 1 and 2	1,660,330,032	0.31	0.0521	0.50	0.20	0.0840	0.0339
$18 for Units Size 1 and 2	1,662,294,565	0.43	0.0539	0.70	0.28	0.0869	0.0351
$20 for Units Size 1 and 2	1,664,348,286	0.56	0.0555	0.90	0.36	0.0896	0.0362
$30 for Units Size 1 and 2	1,676,028,788	1.26	0.0630	2.03	0.82	0.1017	0.0411
$40 for Units Size 1 and 2	1,690,113,474	2.11	0.0704	3.41	1.38	0.1136	0.0459
$50 for Units Size 1 and 2	1,706,557,578	3.11	0.0776	5.01	2.02	0.1252	0.0506
$10 for All Units	1,655,237,804	0.00	n.a.	0.01	0.00	n.a.	n.a.
Benefits Reduction Rate (BRR)							
BRR = 0.00	2,494,032,037	50.68	1.6894	81.77	33.04	2.7256	1.1014
BRR = 0.10	2,208,082,383	33.41	1.6703	53.90	21.78	2.6948	1.0889
BRR = 0.20	1,924,521,508	16.27	1.6274	26.26	10.61	2.6255	1.0609
BRR = 0.22	1,868,888,304	12.91	1.6141	20.83	8.42	2.6041	1.0523
BRR = 0.24	1,813,855,434	9.59	1.5980	15.47	6.25	2.5781	1.0418
BRR = 0.26	1,759,915,803	6.33	1.5823	10.21	4.13	2.5527	1.0315
BRR = 0.28	1,706,985,554	3.13	1.5656	5.05	2.04	2.5258	1.0206
BRR = 0.30 (Base)	1,655,160,540	0.00	0.0000	0.00	0.00	0.0000	0.0000
BRR = 0.32	1,606,484,255	-2.94	-1.4704	-4.74	-1.92	-2.3723	-0.9586
BRR = 0.34	1,559,582,697	-5.77	-1.4436	-9.32	-3.76	-2.3291	-0.9411
BRR = 0.36	1,515,589,418	-8.43	-1.4054	-13.60	-5.50	-2.2674	-0.9162
BRR = 0.38	1,473,814,381	-10.96	-1.3696	-17.68	-7.14	-2.2095	-0.8928
BRR = 0.40	1,434,304,342	-13.34	-1.3343	-21.53	-8.70	-2.1528	-0.8699
BRR = 0.50	1,266,501,235	-23.48	-1.1741	-37.88	-15.31	-1.8942	-0.7654
Standard Deduction							
Baselaw	1,655,160,540	0.00	0.0000	0.00	0.00	0.0000	0.0000
Increase $10	1,680,567,750	1.54	0.1535	2.48	1.00	0.2477	0.1001
Increase $15	1,694,197,779	2.36	0.1572	3.81	1.54	0.2537	0.1025
Increase $20	1,708,330,025	3.21	0.1606	5.18	2.09	0.2591	0.1047
Increase $25	1,719,387,607	3.88	0.1552	6.26	2.53	0.2504	0.1012
Increase $30	1,732,889,444	4.70	0.1565	7.58	3.06	0.2525	0.1021
Increase $40	1,757,640,016	6.19	0.1548	9.99	4.04	0.2497	0.1009
Increase $50	1,781,638,430	7.64	0.1528	12.33	4.98	0.2466	0.0996
Decrease $10	1,629,833,922	-1.53	-0.1530	-2.47	-1.00	-0.2469	-0.0998
Decrease $15	1,615,754,925	-2.38	-0.1587	-3.84	-1.55	-0.2561	-0.1035
Decrease $20	1,604,447,626	-3.06	-0.1532	-4.94	-2.00	-0.2472	-0.0999
Decrease $25	1,590,453,839	-3.91	-0.1564	-6.31	-2.55	-0.2523	-0.1019
Decrease $30	1,579,260,059	-4.59	-0.1529	-7.40	-2.99	-0.2466	-0.0997
Decrease $40	1,551,118,791	-6.29	-0.1571	-10.14	-4.10	-0.2535	-0.1024
Decrease $50	1,525,590,092	-7.83	-0.1566	-12.63	-5.10	-0.2526	-0.1021
No Standard Deduction	1,313,728,426	-20.63	n.a.	-33.28	-13.45	n.a.	n.a.

n.a. = not applicable

|		Percentage Impacts		Dollar Impacts			
				Average Change in Food Stamps Per:		Average Change in Food Stamps per Dollar or Percentage Point Change in Parameter Per	
Parameter Change	Total FSP Benefits (Dollars)	Percent Change in Total FSP Benefits	Percent Change in FSP Benefits per Dollar or Percentage Point Parameter Chang	Baselaw Units (Dollars)	Baselaw Participant (Dollars)	Baselaw Units (Dollars)	Baselaw Participant (Dollars)
Baselaw: 1998 QC Minimodel	1,655,160,540			All FSP Units = 10,259,231	All Participants = 25,388,730		
Earnings Deduction							
No Earnings Deduction	1,558,453,285	-5.84	-0.2921	-9.43	-3.81	-0.4713	-0.1905
10% of Earnings	1,604,686,984	-3.05	-0.3049	-4.92	-1.99	-0.4920	-0.1988
12% of Earnings	1,614,445,335	-2.46	-0.3075	-3.97	-1.60	-0.4961	-0.2005
14% of Earnings	1,624,560,192	-1.85	-0.3081	-2.98	-1.21	-0.4971	-0.2009
16% of Earnings	1,634,621,597	-1.24	-0.3102	-2.00	-0.81	-0.5005	-0.2022
18% of Earnings	1,644,923,248	-0.62	-0.3093	-1.00	-0.40	-0.4989	-0.2016
20% of Earnings (Baselaw)	1,655,160,540	0.00	0.0000	0.00	0.00	0.0000	0.0000
22% of Earnings	1,665,446,121	0.62	0.3107	1.00	0.41	0.5013	0.2026
24% of Earnings	1,675,818,061	1.25	0.3120	2.01	0.81	0.5034	0.2034
26% of Earnings	1,686,186,877	1.87	0.3124	3.02	1.22	0.5040	0.2037
28% of Earnings	1,696,568,050	2.50	0.3127	4.04	1.63	0.5045	0.2039
30% of Earnings	1,707,078,753	3.14	0.3137	5.06	2.04	0.5061	0.2045
40% of Earnings	1,758,243,418	6.23	0.3114	10.05	4.06	0.5024	0.2030
50% of Earnings	1,807,153,289	9.18	0.3061	14.82	5.99	0.4938	0.1996
60% of Earnings	1,850,554,902	11.81	0.2951	19.05	7.70	0.4761	0.1924
70% of Earnings	1,885,563,812	13.92	0.2784	22.46	9.08	0.4492	0.1815
80% of Earnings	1,909,016,132	15.34	0.2556	24.74	10.00	0.4124	0.1666
90% of Earnings	1,922,154,662	16.13	0.2304	26.02	10.52	0.3718	0.1502
100% of Earnings	1,930,519,406	16.64	0.2080	26.84	10.85	0.3355	0.1356
Medical Deduction Threshold							
Deduct All Medical Expenses	1,659,104,090	0.24	n.a.	0.38	0.16	n.a.	n.a.
Deduct Expenses Over $25	1,656,166,871	0.06	0.0061	0.10	0.04	0.0098	0.0040
Deduct Expenses Over $27	1,655,958,790	0.05	0.0060	0.08	0.03	0.0097	0.0039
Deduct Expenses Over $29	1,655,753,539	0.04	0.0060	0.06	0.02	0.0096	0.0039
Deduct Expenses Over $31	1,655,545,144	0.02	0.0058	0.04	0.02	0.0094	0.0038
Deduct Expenses Over $33	1,655,355,483	0.01	0.0059	0.02	0.01	0.0095	0.0038
Deduct Expenses Over $35 (Base)	1,655,160,540	0.00	0.0000	0.00	0.00	0.0000	0.0000
Deduct Expenses Over $37	1,654,973,376	-0.01	-0.0057	-0.02	-0.01	-0.0091	-0.0037
Deduct Expenses Over $39	1,654,781,433	-0.02	-0.0057	-0.04	-0.01	-0.0092	-0.0037
Deduct Expenses Over $41	1,654,595,583	-0.03	-0.0057	-0.06	-0.02	-0.0092	-0.0037
Deduct Expenses Over $43	1,654,427,488	-0.04	-0.0055	-0.07	-0.03	-0.0089	-0.0036
Deduct Expenses Over $45	1,654,257,799	-0.05	-0.0055	-0.09	-0.04	-0.0088	-0.0036
Deduct Expenses Over $50	1,653,896,938	-0.08	-0.0051	-0.12	-0.05	-0.0082	-0.0033
Deduct Expenses Over $75	1,652,389,888	-0.17	-0.0042	-0.27	-0.11	-0.0068	-0.0027
Deduct Expenses Over $100	1,651,206,586	-0.24	-0.0037	-0.39	-0.16	-0.0059	-0.0024
Deduct Expenses Over $125	1,650,366,484	-0.29	-0.0032	-0.47	-0.19	-0.0052	-0.0021
Deduct Expenses Over $150	1,649,704,857	-0.33	-0.0029	-0.53	-0.21	-0.0046	-0.0019
No Medical Deduction	1,647,013,040	-0.49	n.a.	-0.79	-0.32	n.a.	n.a.
Dependent Care Deduction Cap							
No Dependent Care Deduction	1,637,787,995	-1.05	n.a.	-1.69	-0.68	n.a.	n.a.
Decrease Cap $75 ($125:$100)	1,652,450,806	-0.16	-0.0022	-0.26	-0.11	-0.0035	-0.0014
Decrease Cap $50 ($150:$125)	1,653,754,792	-0.08	-0.0017	-0.14	-0.06	-0.0027	-0.0011
Decrease Cap $40 ($160:$135)	1,654,125,121	-0.06	-0.0016	-0.10	-0.04	-0.0025	-0.0010
Decrease Cap $30 ($170:$145)	1,654,443,889	-0.04	-0.0014	-0.07	-0.03	-0.0023	-0.0009
Decrease Cap $20 ($180:$155)	1,654,726,719	-0.03	-0.0013	-0.04	-0.02	-0.0021	-0.0009
Decrease Cap $10 ($190:$165)	1,654,962,266	-0.01	-0.0012	-0.02	-0.01	-0.0019	-0.0008
Baselaw ($200:$175)	1,655,160,540	0.00	0.0000	0.00	0.00	0.0000	0.0000
Increase Cap $10 ($210:$185)	1,655,214,423	0.00	0.0003	0.01	0.00	0.0005	0.0002
Increase Cap $20 ($220:$195)	1,655,263,910	0.01	0.0003	0.01	0.00	0.0005	0.0002
Increase Cap $30 ($230:$205)	1,655,304,440	0.01	0.0003	0.01	0.01	0.0005	0.0002
Increase Cap $40 ($240:$215)	1,655,332,284	0.01	0.0003	0.02	0.01	0.0004	0.0002
Increase Cap $50 ($250:$225)	1,655,358,839	0.01	0.0002	0.02	0.01	0.0004	0.0002
Increase Cap $75 ($275:$250)	1,655,412,723	0.02	0.0002	0.02	0.01	0.0003	0.0001
No Dependent Care Cap	1,655,677,536	0.03	n.a.	0.05	0.02	n.a.	n.a.

n.a. = not applicable

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Parameter Change		Percentage Impacts		Dollar Impacts			
	Total FSP Benefits (Dollars)	Percent Change in Total FSP Benefits	Percent Change in FSP Benefits per Dollar or Percentage Point Parameter Chang	Average Change in Food Stamps Per:		Average Change in Food Stamps per Dollar or Percentage Point Change in Parameter Per:	
				Baselaw Units (Dollars)	Baselaw Participant (Dollars)	Baselaw Units (Dollars)	Baselaw Participant (Dollars)
Baselaw: 1998 QC Minimodel	1,655,160,540			All FSP Units = 10,259,231	All Participants = 25,388,730		
Shelter Deduction Cap							
Decrease Cap $30	1,645,240,187	-0.60	-0.0200	-0.97	-0.39	-0.0322	-0.0130
Decrease Cap $25	1,647,198,899	-0.48	-0.0192	-0.78	-0.31	-0.0310	-0.0125
Decrease Cap $20	1,648,649,818	-0.39	-0.0197	-0.63	-0.26	-0.0317	-0.0128
Decrease Cap $15	1,650,525,918	-0.28	-0.0187	-0.45	-0.18	-0.0301	-0.0122
Decrease Cap $10	1,652,190,566	-0.18	-0.0179	-0.29	-0.12	-0.0289	-0.0117
Decrease Cap $5	1,653,530,616	-0.10	-0.0197	-0.16	-0.06	-0.0318	-0.0128
Baselaw ($250)	1,655,160,540	0.00	0.0000	0.00	0.00	0.0000	0.0000
Increase Cap $5	1,656,341,871	0.07	0.0143	0.12	0.05	0.0230	0.0093
Increase Cap $10	1,657,849,015	0.16	0.0162	0.26	0.11	0.0262	0.0106
Increase Cap $15	1,659,203,756	0.24	0.0163	0.39	0.16	0.0263	0.0106
Increase Cap $20	1,660,267,640	0.31	0.0154	0.50	0.20	0.0249	0.0101
Increase Cap $25	1,661,608,094	0.39	0.0156	0.63	0.25	0.0251	0.0102
Increase Cap $30	1,662,584,278	0.45	0.0150	0.72	0.29	0.0241	0.0097
No Shelter Deduction Cap	1,685,940,543	1.86	n.a.	3.00	1.21	n.a.	n.a.
Shelter Deduction Threshold							
Deduct Expenses > X% of Net Income							
X=0	1,930,601,910	16.64	0.3328	26.85	10.85	0.5370	0.2170
X=10	1,878,717,901	13.51	0.3377	21.79	8.81	0.5448	0.2201
X=20	1,822,096,525	10.09	0.3362	16.27	6.58	0.5424	0.2192
X=30	1,763,467,481	6.54	0.3272	10.56	4.27	0.5279	0.2133
X=40	1,707,322,245	3.15	0.3151	5.08	2.05	0.5084	0.2055
X=42	1,696,516,828	2.50	0.3123	4.03	1.63	0.5039	0.2036
X=44	1,685,961,382	1.86	0.3101	3.00	1.21	0.5004	0.2022
X=46	1,675,502,887	1.23	0.3073	1.98	0.80	0.4957	0.2003
X=48	1,665,413,196	0.62	0.3097	1.00	0.40	0.4997	0.2019
X=50 (Base)	1,655,160,540	0.00	0.0000	0.00	0.00	0.0000	0.0000
X=52	1,645,888,050	-0.56	-0.2801	-0.90	-0.37	-0.4519	-0.1826
X=54	1,636,554,842	-1.12	-0.2810	-1.81	-0.73	-0.4534	-0.1832
X=56	1,627,493,280	-1.67	-0.2786	-2.70	-1.09	-0.4495	-0.1816
X=58	1,618,844,745	-2.19	-0.2743	-3.54	-1.43	-0.4425	-0.1788
X=60	1,610,430,445	-2.70	-0.2702	-4.36	-1.76	-0.4360	-0.1762
X=70	1,572,633,553	-4.99	-0.2493	-8.04	-3.25	-0.4022	-0.1625
X=80	1,541,350,044	-6.88	-0.2292	-11.09	-4.48	-0.3698	-0.1494
X=90	1,516,232,817	-8.39	-0.2098	-13.54	-5.47	-0.3385	-0.1368
X=100	1,495,867,518	-9.62	-0.1925	-15.53	-6.27	-0.3105	-0.1255

n.a. = not applicable

FIGURE B.1

NET INCOME SCREEN (Decrease)
QC vs AVERAGE*

Average dollar change in food stamps per participant

Percent Decrease in Net Income Screen
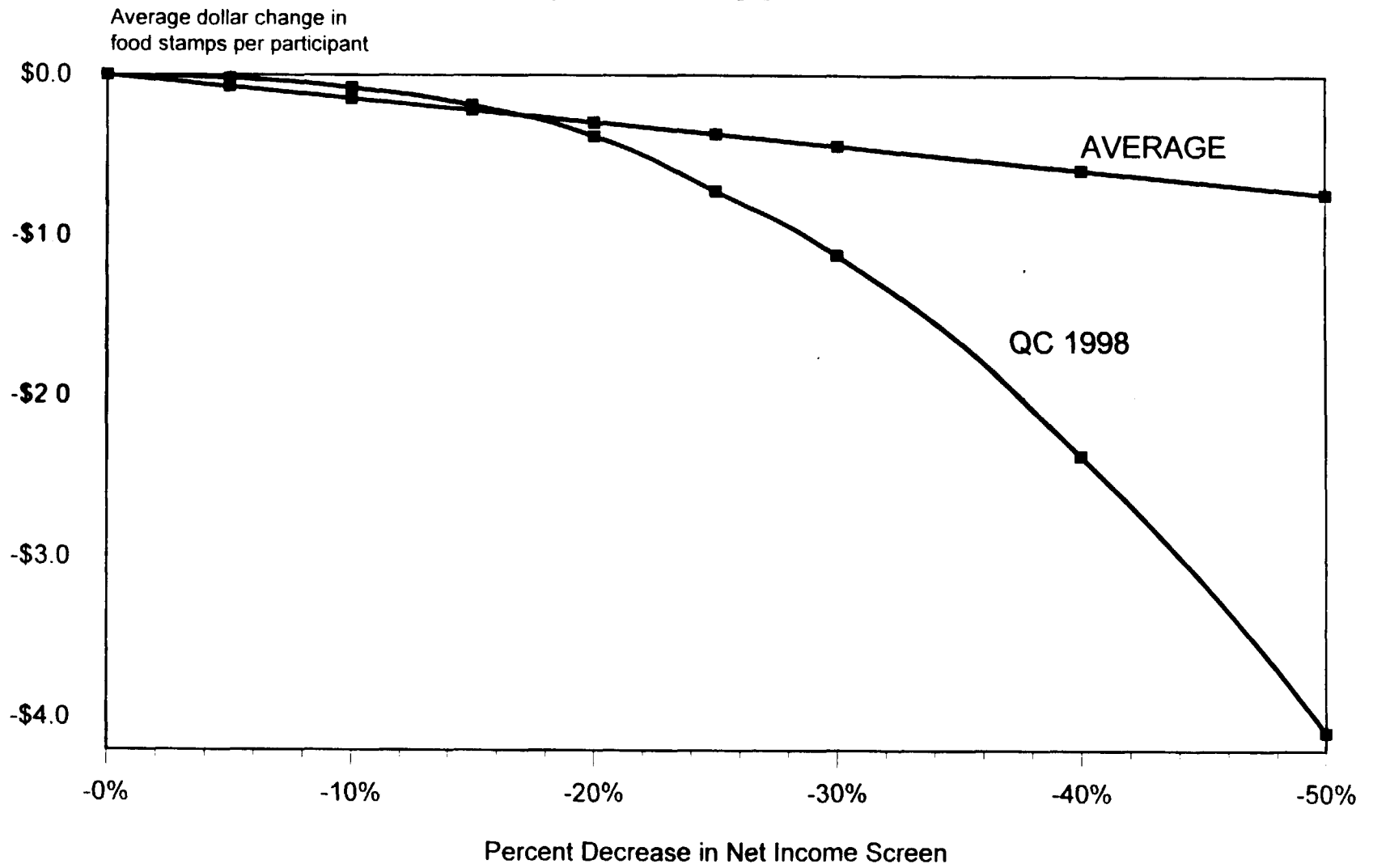
* Average represents estimates generated by using the Average Rules of Thumb

FIGURE B.2
MAXIMUM BENEFIT
QC vs. AVERAGE*

Average dollar change in
food stamps per participant

Dollar Change in Maximum Benefit
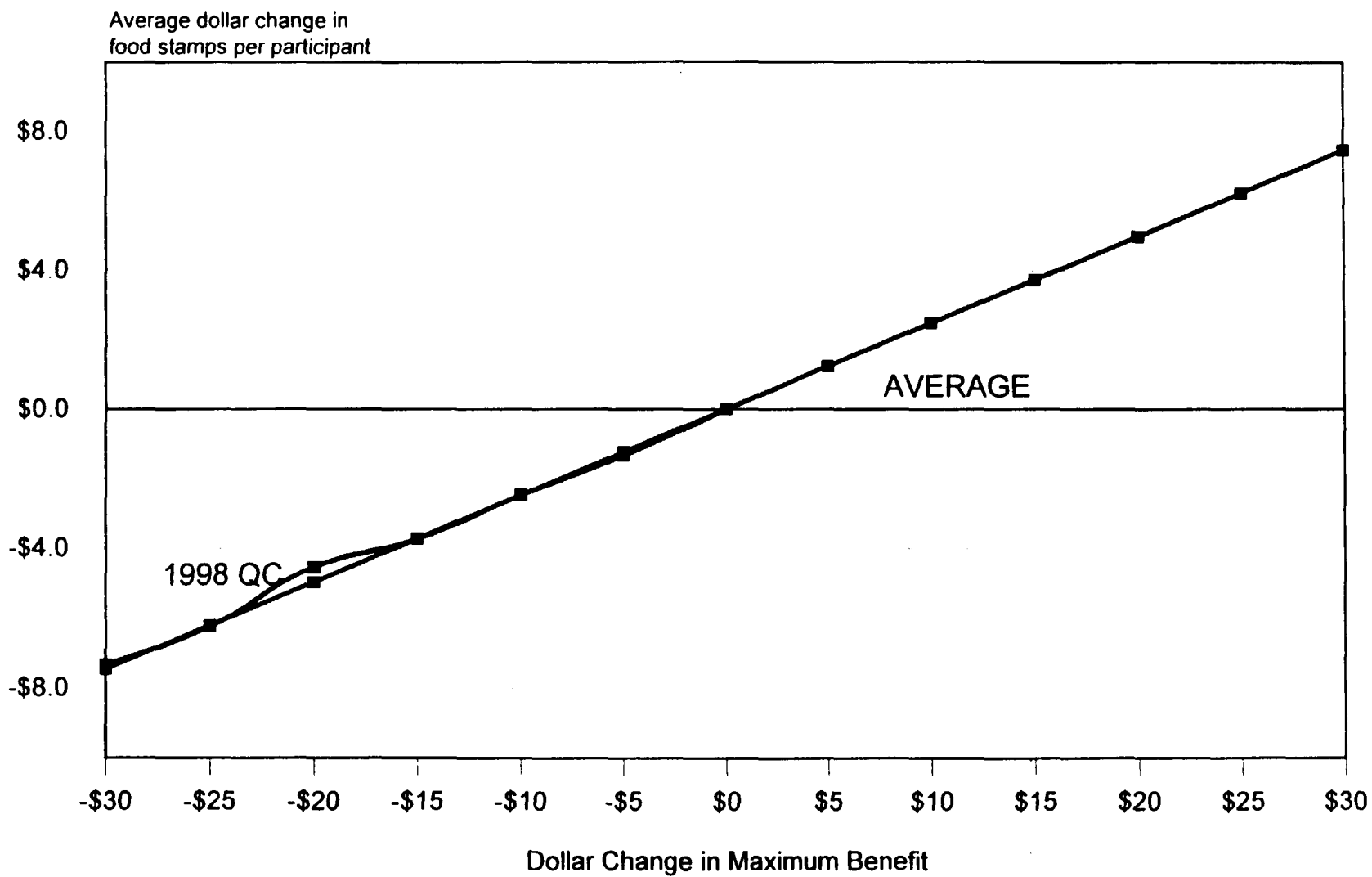
* Average represents estimates generated by using the Average Rules of Thumb

FIGURE B.3
BENEFIT REDUCTION RATE (BRR)
QC vs. AVERAGE*

Benefit Reduction Rate (Base = 30%)
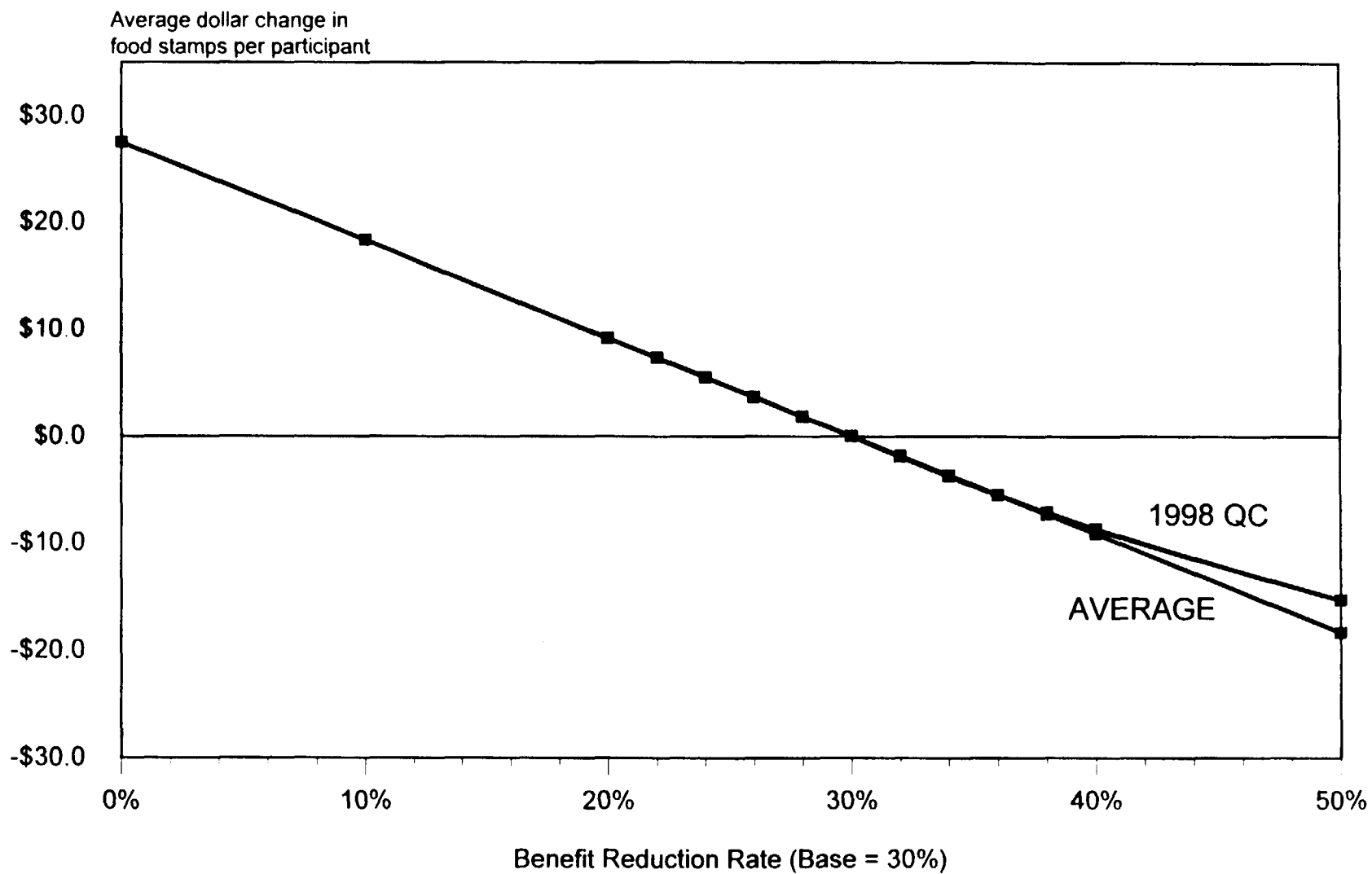
* Average represents estimates generated by using the Average Rules of Thumb

FIGURE B.4
STANDARD DEDUCTION (Decrease)
QC vs. AVERAGE*

Dollar Decreases in Standard Deduction
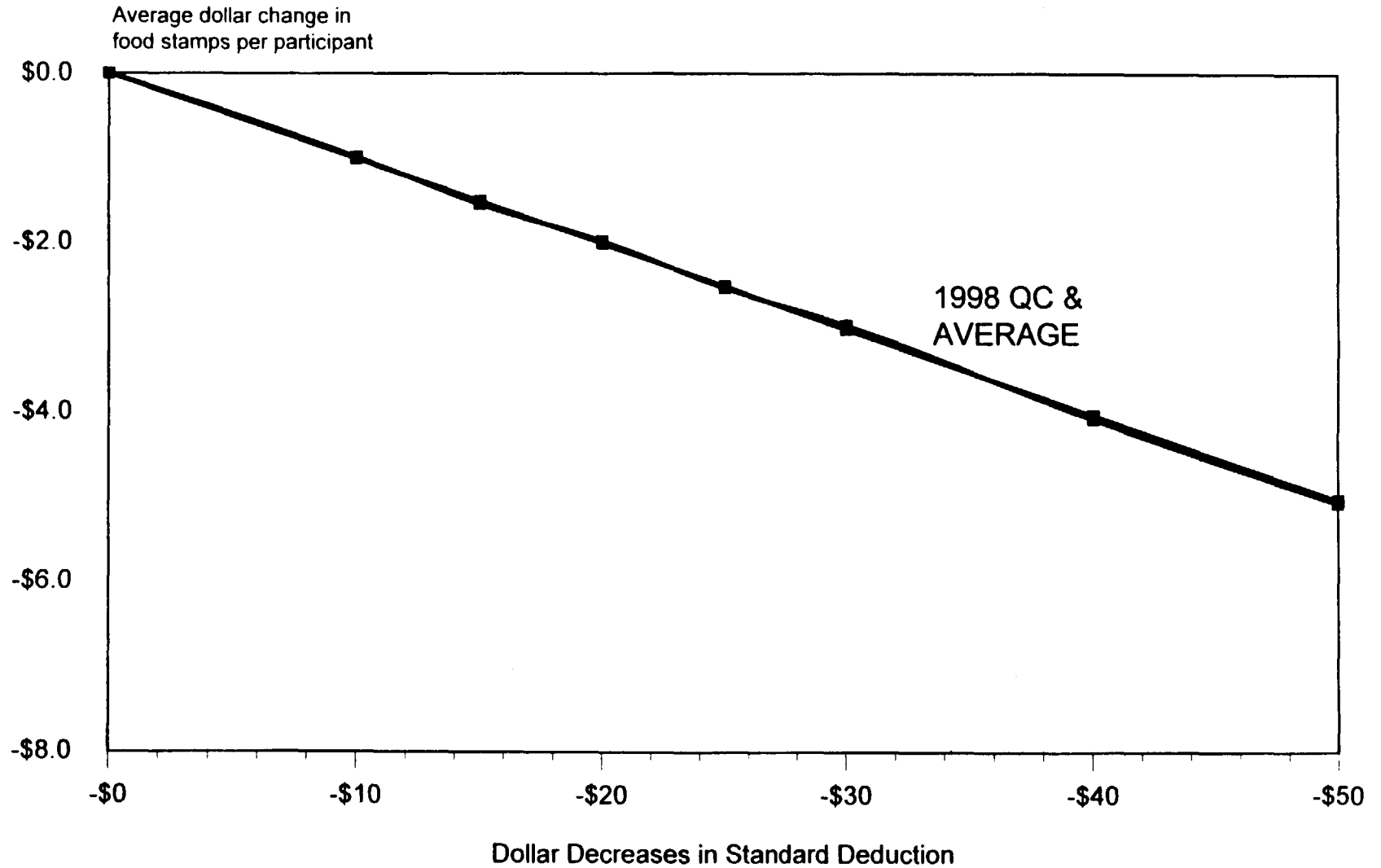
* Average represents estimates generated by using the Average Rules of Thumb

FIGURE B.5
EARNINGS DEDUCTION
QC vs. AVERAGE*

Average dollar change in
food stamps per participant

Percent Change in Earnings Deduction
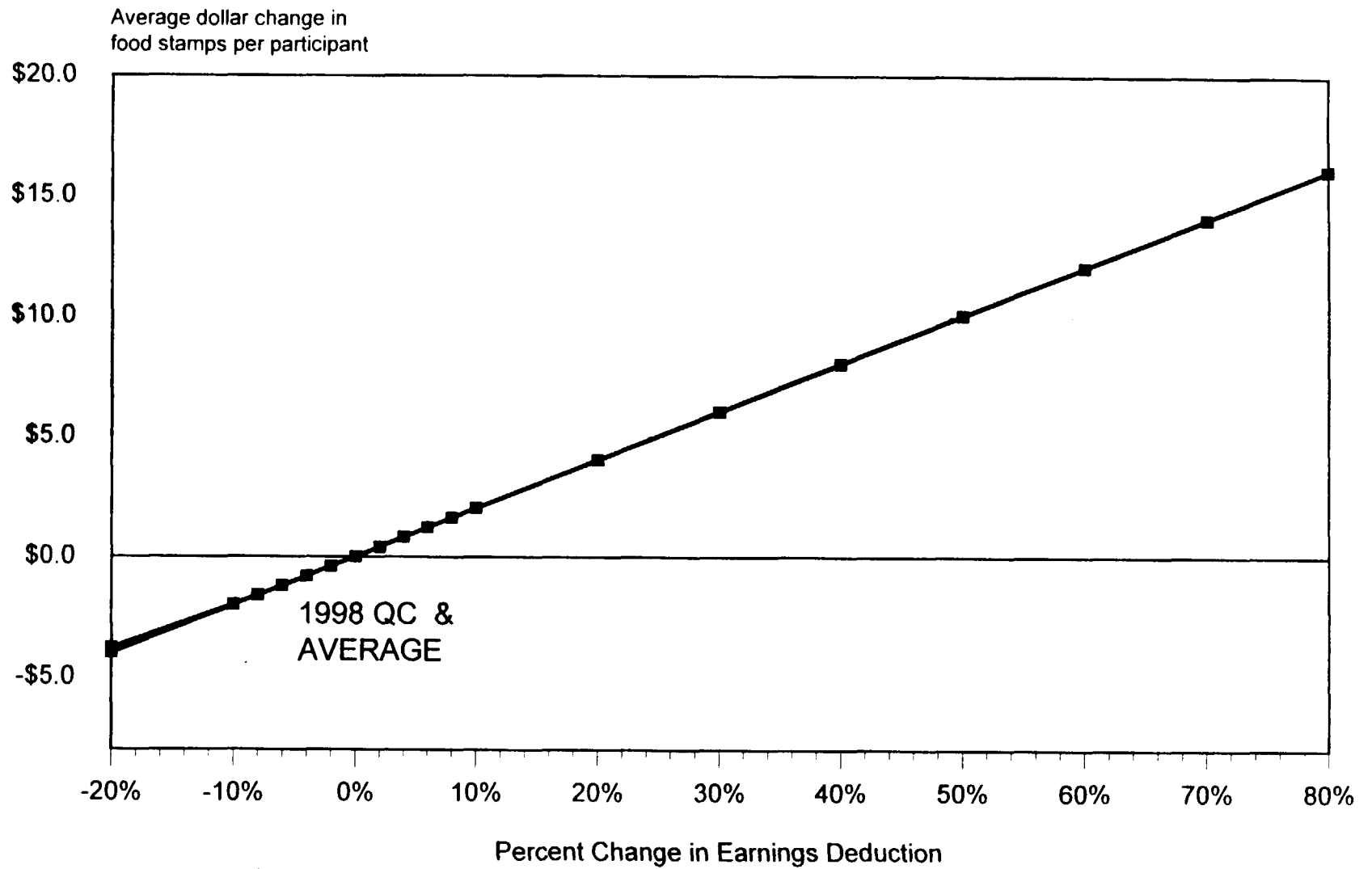
* Average represents estimates generated by using the Average Rules of Thumb

FIGURE B.6
MEDICAL DEDUCTION THRESHOLD
QC vs. AVERAGE*
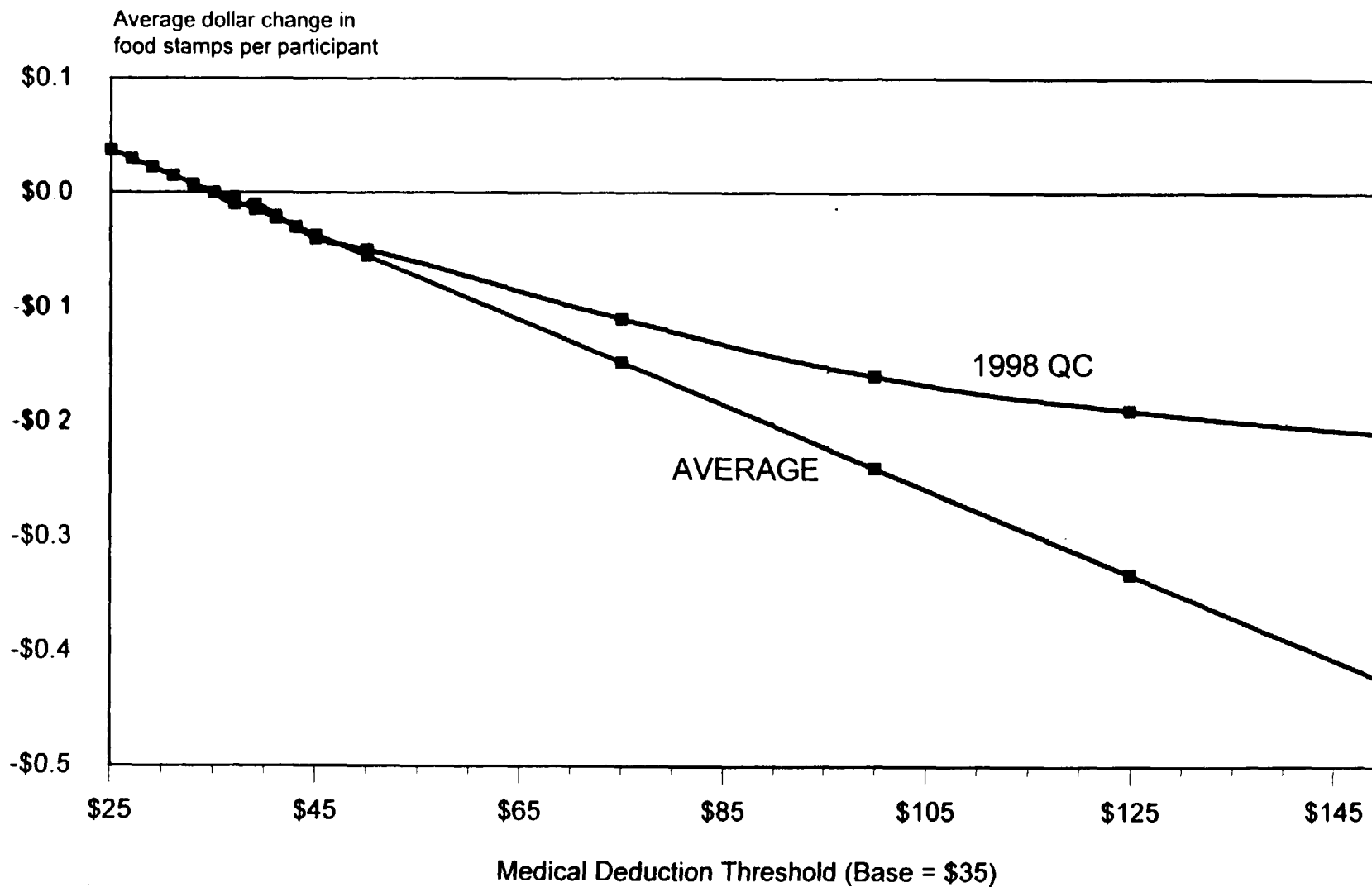
Average dollar change in
food stamps per participant

1998 QC

AVERAGE

Medical Deduction Threshold (Base = $35)

* Average represents estimates generated by using the Average Rules of Thumb

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FIGURE B.7
DEPENDENT CARE DEDUCTION CAP
QC vs. AVERAGE*

Average dollar change in
food stamps per participant

Change in Dependent Care Deduction Cap
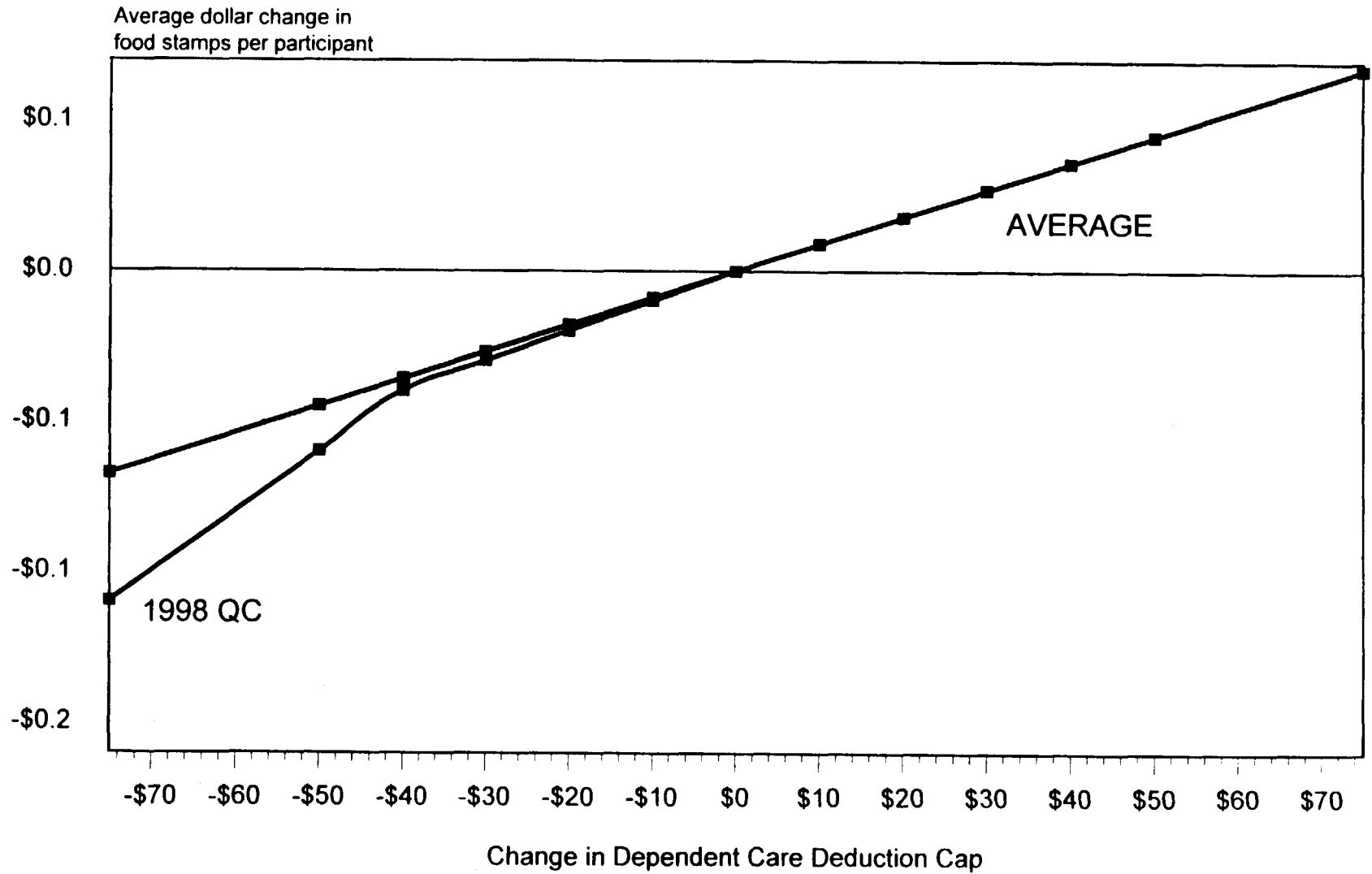
* Average represents estimates generated by using the Average Rules of Thumb

FIGURE B.8
SHELTER DEDUCTION CAP
QC vs. AVERAGE*

Average dollar change in food stamps per participant

Dollar Change in Shelter Deduction Cap
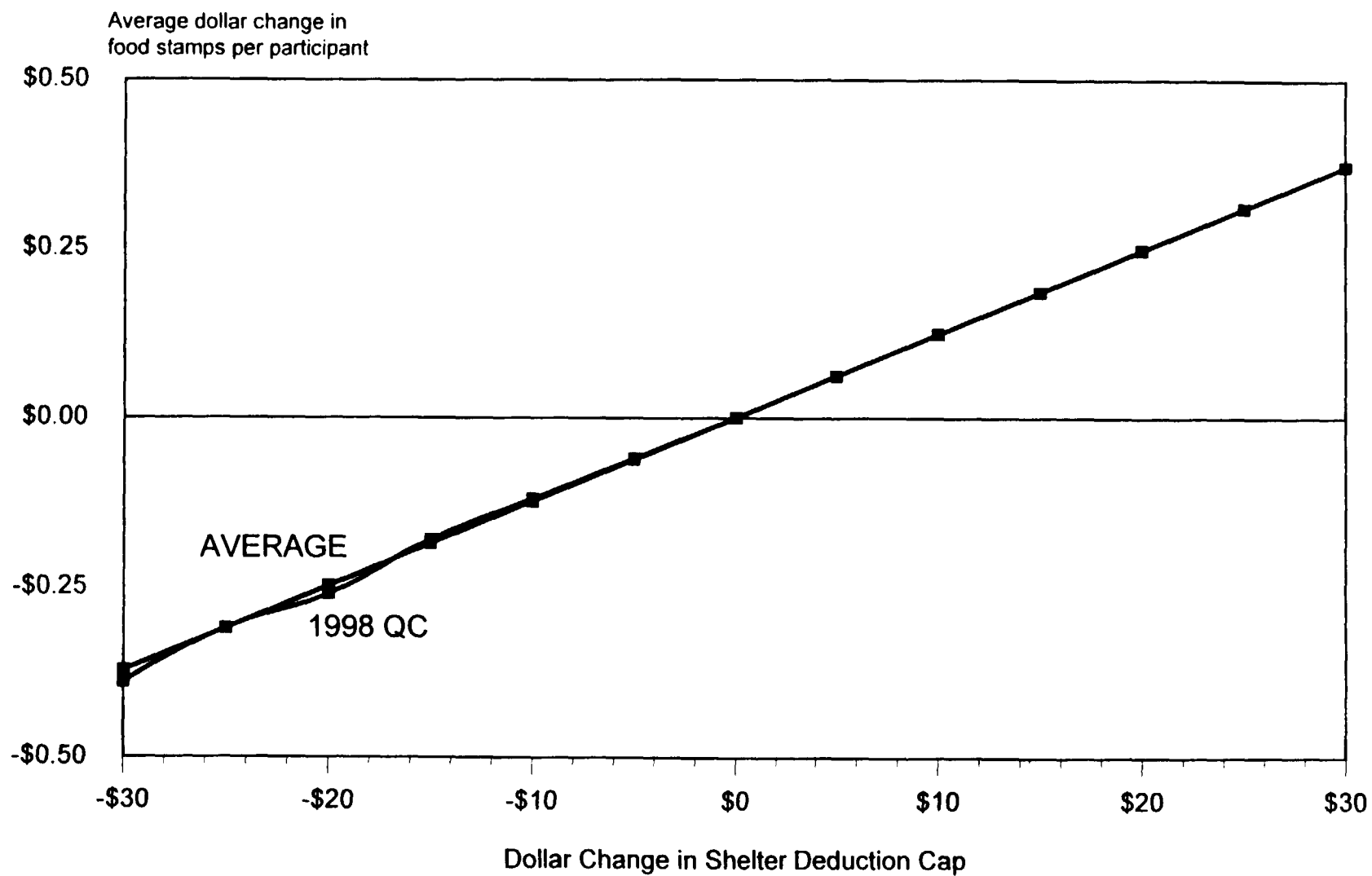
* Average represents estimates generated by using the Average Rules of Thumb

FIGURE B.9
SHELTER DEDUCTION THRESHOLD
QC vs. AVERAGE*
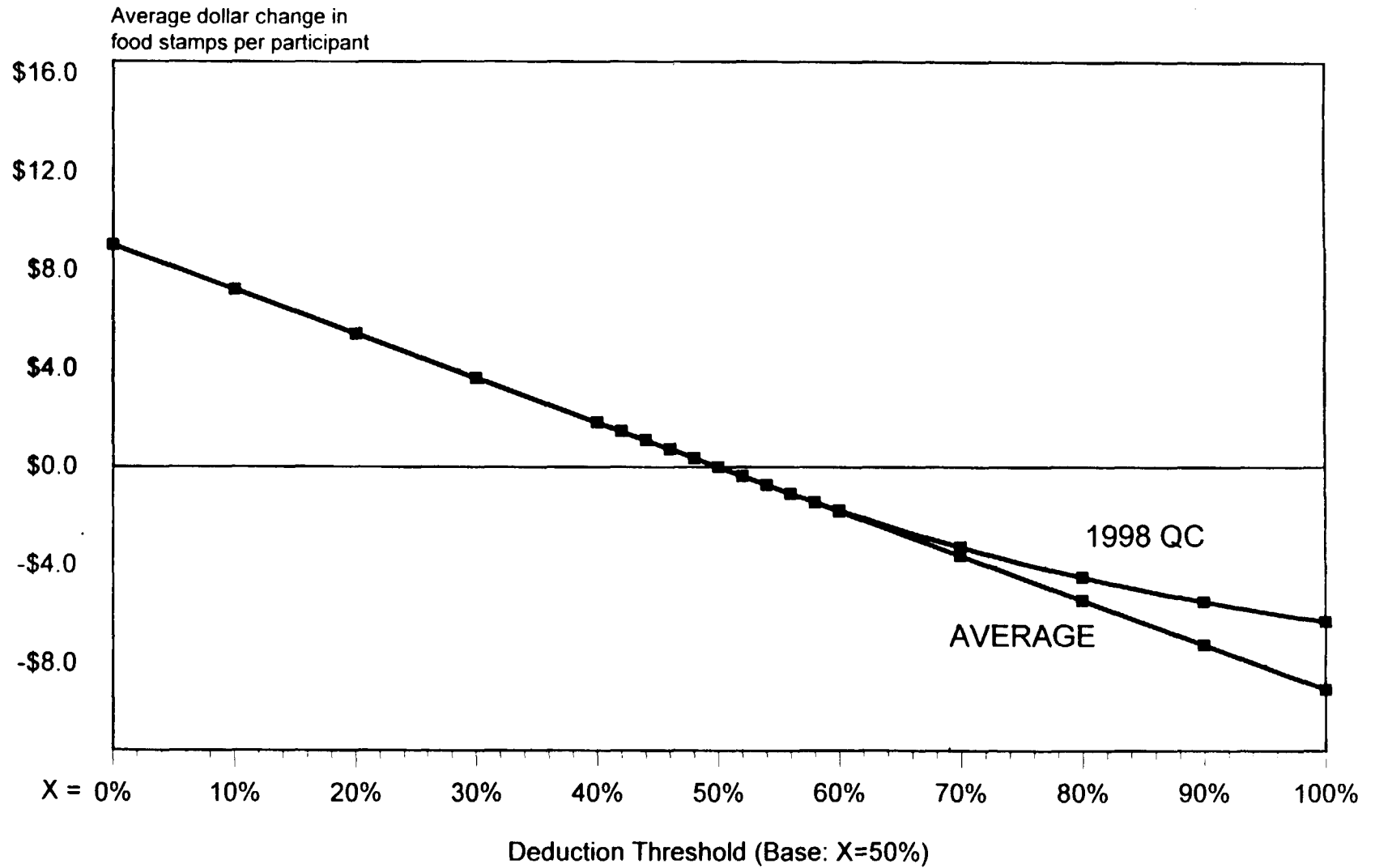
Average dollar change in food stamps per participant

Deduction Threshold (Base: X=50%)
Deduct Expenses > X% of Net Income
* Average represents estimates generated by using the Average Rules of Thumb

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APPENDIX C

RULES OF THUMB FOR CHANGES TO THE FSP 1996 MATH CPS MODEL RESULTS

TABLE C.1

RULES OF THUMB FOR CHANGES TO THE FSP
1996 MATH CPS MODEL RESULTS

| | | Percentage Impacts | | Dollar Impacts | | | |
| | | | | Average Change in Food Stamps Per: | | Average Change in Food Stamps per Dollar or Percentage Point Change in Parameter Per: | |
Parameter Change	Total FSP Benefits (Dollars)	Percent Change in Total FSP Benefits	Percent Change in FSP Benefits per Dollar or Percentage Point Parameter Chang	Baselaw Units (Dollars)	Baselaw Participant (Dollars)	Baselaw Units (Dollars)	Baselaw Participant (Dollars)
Baselaw: 1996 MATH CPS Model	1,796,255,829			All FSP Units = 9,907,317	All Participants = 25,415,542		
Asset Limits							
$0 nonelderly, $0 elderly	1,432,945,484	-20.23	n.a.	-36.67	-14.29	n.a.	n.a.
$0 nonelderly, $1000 elderly	1,444,304,836	-19.59	-0.0098	-35.52	-13.85	-0.0178	-0.0069
$1000 nonelderly, $2000 elderly	1,626,693,316	-9.44	-0.0094	-17.11	-6.67	-0.0171	-0.0067
$1500 nonelderly, $2500 elderly	1,724,160,089	-4.01	-0.0080	-7.28	-2.84	-0.0146	-0.0057
$1600 nonelderly, $2600 elderly	1,744,680,991	-2.87	-0.0072	-5.21	-2.03	-0.0130	-0.0051
$1700 nonelderly, $2700 elderly	1,758,074,972	-2.13	-0.0071	-3.85	-1.50	-0.0128	-0.0050
$1800 nonelderly, $2800 elderly	1,775,943,254	-1.13	-0.0057	-2.05	-0.80	-0.0103	-0.0040
$1900 nonelderly, $2900 elderly	1,785,987,174	-0.57	-0.0057	-1.04	-0.40	-0.0104	-0.0040
$2000 nonelderly, $3000 elderly (Base)	1,796,255,829	0.00	0.0000	0.00	0.00	0.0000	0.0000
$2100 nonelderly, $3100 elderly	1,809,852,273	0.76	0.0076	1.37	0.53	0.0137	0.0053
$2200 nonelderly, $3200 elderly	1,827,056,301	1.71	0.0086	3.11	1.21	0.0155	0.0061
$2300 nonelderly, $3300 elderly	1,835,078,999	2.16	0.0072	3.92	1.53	0.0131	0.0051
$2400 nonelderly, $3400 elderly	1,846,342,728	2.79	0.0070	5.06	1.97	0.0126	0.0049
$2500 nonelderly, $3500 elderly	1,854,058,836	3.22	0.0064	5.83	2.27	0.0117	0.0045
$3000 nonelderly, $4000 elderly	1,891,669,477	5.31	0.0053	9.63	3.75	0.0096	0.0038
$4000 nonelderly, $5000 elderly	1,956,044,498	8.90	0.0044	16.13	6.29	0.0081	0.0031
No Asset Limits	2,198,519,886	22.39	n.a.	40.60	15.83	n.a.	n.a.
Vehicular Assets							
FMV Threshold = $0	1,523,453,934	-15.19	-0.0033	-27.54	-10.73	-0.0060	-0.0023
FMV Threshold = $1000	1,628,681,343	-9.33	-0.0026	-16.91	-6.59	-0.0047	-0.0018
FMV Threshold = $2000	1,691,037,546	-5.86	-0.0023	-10.62	-4.14	-0.0041	-0.0016
FMV Threshold = $3400	1,756,627,522	-2.21	-0.0018	-4.00	-1.56	-0.0033	-0.0013
FMV Threshold = $3600	1,764,765,544	-1.75	-0.0018	-3.18	-1.24	-0.0032	-0.0012
FMV Threshold = $3800	1,771,071,234	-1.40	-0.0018	-2.54	-0.99	-0.0032	-0.0012
FMV Threshold = $4000	1,775,982,960	-1.13	-0.0019	-2.05	-0.80	-0.0034	-0.0013
FMV Threshold = $4200	1,782,076,195	-0.79	-0.0020	-1.43	-0.56	-0.0036	-0.0014
FMV Threshold = $4400	1,790,401,781	-0.33	-0.0016	-0.59	-0.23	-0.0030	-0.0012
FMV Threshold = $4600 (Base)	1,796,255,829	0.00	0.0000	0.00	0.00	0.0000	0.0000
FMV Threshold = $4800	1,806,242,849	0.56	0.0028	1.01	0.39	0.0050	0.0020
FMV Threshold = $5000	1,810,981,228	0.82	0.0020	1.49	0.58	0.0037	0.0014
FMV Threshold = $5200	1,815,161,677	1.05	0.0018	1.91	0.74	0.0032	0.0012
FMV Threshold = $5400	1,818,072,967	1.21	0.0015	2.20	0.86	0.0028	0.0011
FMV Threshold = $5600	1,821,887,229	1.43	0.0014	2.59	1.01	0.0026	0.0010
FMV Threshold = $6000	1,828,052,294	1.77	0.0013	3.21	1.25	0.0023	0.0009
No FMV Counted (Exclude 1st Vehicle)	1,897,366,751	5.63	n.a.	10.21	3.98	n.a.	n.a.

n.a. = not applicable

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Parameter Change	Total FSP Benefits (Dollars)	Percentage Impacts		Dollar Impacts			
		Percent Change in Total FSP Benefits	Percent Change in FSP Benefits per Dollar or Percentage Point Parameter Chang	Average Change in Food Stamps Per		Average Change in Food Stamps per Dollar or Percentage Point Change in Parameter Per:	
				Baselaw Units (Dollars)	Baselaw Participant (Dollars)	Baselaw Units (Dollars)	Baselaw Participant (Dollars)
				All FSP Units = 9.907.317	All Participants = 25.415.542		
Baselaw: 1996 MATH CPS Model	1,796,255,829						
Gross and Net Income Screens							
Baselaw	1,796,255,829	0.00	0.0000	0.00	0.00	0.0000	0.0000
Decrease Gross 5%	1,792,642,728	-0.20	-0.0402	-0.36	-0.14	-0.0729	-0.0284
Decrease Gross 10%	1,786,259,177	-0.56	-0.0557	-1.01	-0.39	-0.1009	-0.0393
Decrease Gross 15%	1,777,035,535	-1.07	-0.0713	-1.94	-0.76	-0.1293	-0.0504
Decrease Gross 20%	1,765,043,688	-1.74	-0.0869	-3.15	-1.23	-0.1575	-0.0614
Decrease Gross 25%	1,749,629,662	-2.60	-0.1038	-4.71	-1.83	-0.1882	-0.0734
Decrease Gross 30%	1,718,281,877	-4.34	-0.1447	-7.87	-3.07	-0.2623	-0.1023
Decrease Gross 40%	1,648,654,603	-8.22	-0.2054	-14.90	-5.81	-0.3725	-0.1452
Decrease Gross 50%	1,566,988,566	-12.76	-0.2553	-23.14	-9.02	-0.4628	-0.1804
Increase Gross 5%	1,797,211,453	0.05	0.0106	0.10	0.04	0.0193	0.0075
Increase Gross 10%	1,797,305,533	0.06	0.0058	0.11	0.04	0.0106	0.0041
Increase Gross 15%	1,797,346,757	0.06	0.0040	0.11	0.04	0.0073	0.0029
Increase Gross 20%	1,797,603,965	0.08	0.0038	0.14	0.05	0.0068	0.0027
Increase Gross 25%	1,797,691,346	0.08	0.0032	0.14	0.06	0.0058	0.0023
Increase Gross 30%	1,797,691,346	0.08	0.0027	0.14	0.06	0.0048	0.0019
Increase Gross 40%	1,797,691,346	0.08	0.0020	0.14	0.06	0.0036	0.0014
Increase Gross 50%	1,797,691,346	0.08	0.0016	0.14	0.06	0.0029	0.0011
No Gross Income Screen	1,797,691,346	0.08	n.a.	0.14	0.06	n.a.	n.a.
					0.00		
Decrease Net 5%	1,795,450,952	-0.04	-0.0090	-0.08	-0.03	-0.0162	-0.0063
Decrease Net 10%	1,793,750,458	-0.14	-0.0139	-0.25	-0.10	-0.0253	-0.0099
Decrease Net 15%	1,790,876,484	-0.30	-0.0200	-0.54	-0.21	-0.0362	-0.0141
Decrease Net 20%	1,785,031,648	-0.62	-0.0312	-1.13	-0.44	-0.0566	-0.0221
Decrease Net 25%	1,778,008,539	-1.02	-0.0406	-1.84	-0.72	-0.0737	-0.0287
Decrease Net 30%	1,766,231,542	-1.67	-0.0557	-3.03	-1.18	-0.1010	-0.0394
Decrease Net 40%	1,728,595,868	-3.77	-0.0942	-6.83	-2.66	-0.1707	-0.0666
Decrease Net 50%	1,667,930,031	-7.14	-0.1429	-12.95	-5.05	-0.2591	-0.1010
					0.00		
Increase Net 5%	1,796,573,267	0.02	0.0035	0.03	0.01	0.0064	0.0025
Increase Net 10%	1,796,863,497	0.03	0.0034	0.06	0.02	0.0061	0.0024
Increase Net 15%	1,796,943,162	0.04	0.0026	0.07	0.03	0.0046	0.0018
Increase Net 20%	1,796,961,063	0.04	0.0020	0.07	0.03	0.0036	0.0014
Increase Net 25%	1,797,042,117	0.04	0.0018	0.08	0.03	0.0032	0.0012
Increase Net 30%	1,797,076,228	0.05	0.0015	0.08	0.03	0.0028	0.0011
Increase Net 40%	1,797,291,652	0.06	0.0014	0.10	0.04	0.0026	0.0010
Increase Net 50%	1,797,401,271	0.06	0.0013	0.12	0.05	0.0023	0.0009
No Net Income Screen	1,798,030,352	0.10	n.a.	0.18	0.07	n.a.	n.a.
Maximum Benefit							
Decrease $30	1,602,272,457	-10.80	-0.3600	-19.58	-7.63	-0.6527	-0.2544
Decrease $25	1,634,215,195	-9.02	-0.3608	-16.36	-6.38	-0.6542	-0.2550
Decrease $20	1,665,534,365	-7.28	-0.3639	-13.19	-5.14	-0.6597	-0.2572
Decrease $15	1,700,973,202	-5.30	-0.3536	-9.62	-3.75	-0.6412	-0.2499
Decrease $10	1,732,513,769	-3.55	-0.3549	-6.43	-2.51	-0.6434	-0.2508
Decrease $5	1,764,443,096	-1.77	-0.3542	-3.21	-1.25	-0.6422	-0.2503
Base ($395, US Household 4)	1,796,255,829	0.00	0.0000	0.00	0.00	0.0000	0.0000
Increase $5	1,827,692,227	1.75	0.3500	3.17	1.24	0.6346	0.2474
Increase $10	1,860,615,719	3.58	0.3583	6.50	2.53	0.6496	0.2532
Increase $15	1,892,546,974	5.36	0.3574	9.72	3.79	0.6479	0.2526
Increase $20	1,927,475,784	7.31	0.3653	13.24	5.16	0.6622	0.2581
Increase $25	1,960,362,953	9.14	0.3654	16.56	6.46	0.6626	0.2583
Increase $30	1,993,409,683	10.98	0.3659	19.90	7.76	0.6633	0.2586

n.a. = not applicable

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		Percentage Impacts				Dollar Impacts	
						Average Change in Food Stamps per Dollar or Percentage Point Change in Parameter Per:	
		Percent Change in Total FSP Benefits	Percent Change in FSP Benefits per Dollar or Percentage Point Parameter Chang	Average Change in Food Stamps Per:			
Parameter Change	Total FSP Benefits (Dollars)			Baselaw Units (Dollars)	Baselaw Participant (Dollars)	Baselaw Units (Dollars)	Baselaw Participant (Dollars)
Baselaw: 1996 MATH CPS Model	1.796,255,829			All FSP Units = 9.907.317	All Participants = 25.415.542		
Minimum Benefit							
$0 for Units Size 1 and 2	1.790,610,685	-0.31	-0.0314	-0.57	-0.22	-0.0570	-0.0222
$10 for Units Size 1 and 2 (Base)	1,796,255,829	0.00	0.0000	0.00	0.00	0.0000	0.0000
$12 for Units Size 1 and 2	1,797,945,387	0.09	0.0470	0.17	0.07	0.0853	0.0332
$14 for Units Size 1 and 2	1,799,903.497	0.20	0.0508	0.37	0.14	0.0920	0.0359
$16 for Units Size 1 and 2	1,802,071,312	0.32	0.0540	0.59	0.23	0.0978	0.0381
$18 for Units Size 1 and 2	1,804,601,593	0.46	0.0581	0.84	0.33	0.1053	0.0410
$20 for Units Size 1 and 2	1,807,312,661	0.62	0.0616	1.12	0.44	0.1116	0.0435
$30 for Units Size 1 and 2	1,823,926,799	1.54	0.0770	2.79	1.09	0.1396	0.0544
$40 for Units Size 1 and 2	1,845,703,190	2.75	0.0918	4.99	1.95	0.1664	0.0649
$50 for Units Size 1 and 2	1,870,884,316	4.15	0.1039	7.53	2.94	0.1883	0.0734
$10 for All Units	1,796,310,063	0.00	n.a.	0.01	0.00	n.a.	n.a.
Benefits Reduction Rate (BRR)							
BRR = 0.00	2,864,617,330	59.48	1.9826	107.84	42.04	3.5945	1.4012
BRR = 0.10	2,452,402,858	36.53	1.8264	66.23	25.82	3.3114	1.2908
BRR = 0.20	2,092,013,998	16.47	1.6465	29.85	11.64	2.9852	1.1637
BRR = 0.22	2,028,281,822	12.92	1.6147	23.42	9.13	2.9275	1.1412
BRR = 0.24	1,964,142,144	9.35	1.5577	16.95	6.61	2.8243	1.1009
BRR = 0.26	1,904,473,212	6.02	1.5062	10.92	4.26	2.7307	1.0645
BRR = 0.28	1,848,749,990	2.92	1.4612	5.30	2.07	2.6493	1.0327
BRR = 0.30 (Base)	1,796,255,829	0.00	0.0000	0.00	0.00	0.0000	0.0000
BRR = 0.32	1,747,802,998	-2.70	-1.3487	-4.89	-1.91	-2.4453	-0.9532
BRR = 0.34	1,703,242,171	-5.18	-1.2945	-9.39	-3.66	-2.3471	-0.9149
BRR = 0.36	1,660,041,867	-7.58	-1.2639	-13.75	-5.36	-2.2915	-0.8932
BRR = 0.38	1,602,128,544	-10.81	-1.3509	-19.59	-7.64	-2.4493	-0.9548
BRR = 0.40	1,582,283,575	-11.91	-1.1912	-21.60	-8.42	-2.1597	-0.8419
BRR = 0.50	1,417,576,860	-21.08	-1.0541	-38.22	-14.90	-1.9111	-0.7450
Standard Deduction							
Baselaw	1,796,255,829	0.00	0.0000	0.00	0.00	0.0000	0.0000
Increase $10	1,820,982,183	1.38	0.1377	2.50	0.97	0.2496	0.0973
Increase $15	1,833,836,023	2.09	0.1395	3.79	1.48	0.2529	0.0986
Increase $20	1,845,907,366	2.76	0.1382	5.01	1.95	0.2506	0.0977
Increase $25	1,858,254,238	3.45	0.1381	6.26	2.44	0.2503	0.0976
Increase $30	1,870,659,669	4.14	0.1381	7.51	2.93	0.2503	0.0976
Increase $40	1,895,433,501	5.52	0.1380	10.01	3.90	0.2503	0.0976
Increase $50	1,920,631,827	6.92	0.1385	12.55	4.89	0.2511	0.0979
					0.00		
Decrease $10	1,771,653,237	-1.37	-0.1370	-2.48	-0.97	-0.2483	-0.0968
Decrease $15	1,759,465,487	-2.05	-0.1365	-3.71	-1.45	-0.2476	-0.0965
Decrease $20	1,746,455,424	-2.77	-0.1386	-5.03	-1.96	-0.2513	-0.0980
Decrease $25	1,734,612,435	-3.43	-0.1373	-6.22	-2.43	-0.2489	-0.0970
Decrease $30	1,722,934,834	-4.08	-0.1361	-7.40	-2.88	-0.2467	-0.0962
Decrease $40	1,699,492,275	-5.39	-0.1347	-9.77	-3.81	-0.2442	-0.0952
Decrease $50	1,675,498,115	-6.72	-0.1345	-12.19	-4.75	-0.2438	-0.0950
No Standard Deduction	1,460,188,465	-18.71	n.a.	-33.92	-13.22	n.a.	n.a.

n.a. = not applicable

Parameter Change	Total FSP Benefits (Dollars)	Percentage Impacts		Dollar Impacts			
		Percent Change in Total FSP Benefits	Percent Change in FSP Benefits per Dollar or Percentage Point Parameter Chang	Average Change in Food Stamps Per:		Average Change in Food Stamps per Dollar or Percentage Point Change in Parameter Per:	
				Baselaw Units (Dollars)	Baselaw Participant (Dollars)	Baselaw Units (Dollars)	Baselaw Participant (Dollars)
Baselaw: 1996 MATH CPS Model	1,796,255,829			All FSP Units = 9,907,317	All Participants = 25,415,542		
Earnings Deduction							
No Earnings Deduction	1,686,923,847	-6.09	-0.3043	-11.04	-4.30	-0.5518	-0.2151
10% of Earnings	1,739,256,221	-3.17	-0.3173	-5.75	-2.24	-0.5753	-0.2243
12% of Earnings	1,751,260,826	-2.50	-0.3131	-4.54	-1.77	-0.5677	-0.2213
14% of Earnings	1,762,849,310	-1.86	-0.3100	-3.37	-1.31	-0.5620	-0.2191
16% of Earnings	1,773,562,878	-1.26	-0.3158	-2.29	-0.89	-0.5726	-0.2232
18% of Earnings	1,784,343,526	-0.66	-0.3316	-1.20	-0.47	-0.6012	-0.2344
20% of Earnings (Baselaw)	1,796,255,829	0.00	0.0000	0.00	0.00	0.0000	0.0000
22% of Earnings	1,808,035,537	0.66	0.3279	1.19	0.46	0.5945	0.2317
24% of Earnings	1,819,599,349	1.30	0.3249	2.36	0.92	0.5890	0.2296
26% of Earnings	1,831,324,384	1.95	0.3254	3.54	1.38	0.5899	0.2300
28% of Earnings	1,843,339,002	2.62	0.3276	4.75	1.85	0.5940	0.2316
30% of Earnings	1,856,007,211	3.33	0.3326	6.03	2.35	0.6031	0.2351
40% of Earnings	1,917,558,624	6.75	0.3377	12.24	4.77	0.6122	0.2386
50% of Earnings	1,979,750,866	10.22	0.3405	18.52	7.22	0.6174	0.2407
60% of Earnings	2,041,112,559	13.63	0.3408	24.71	9.63	0.6179	0.2409
70% of Earnings	2,091,761,063	16.45	0.3290	29.83	11.63	0.5965	0.2325
80% of Earnings	2,129,304,951	18.54	0.3090	33.62	13.10	0.5603	0.2184
90% of Earnings	2,152,269,300	19.82	0.2831	35.93	14.01	0.5133	0.2001
100% of Earnings	2,167,053,703	20.64	0.2580	37.43	14.59	0.4678	0.1824
Medical Deduction Threshold							
Deduct All Medical Expenses	1,800,226,408	0.22	n.a.	0.40	0.16	n.a.	n.a.
Deduct Expenses Over $25	1,796,995,350	0.04	0.0041	0.07	0.03	0.0075	0.0029
Deduct Expenses Over $27	1,796,846,004	0.03	0.0041	0.06	0.02	0.0074	0.0029
Deduct Expenses Over $29	1,796,684,673	0.02	0.0040	0.04	0.02	0.0072	0.0028
Deduct Expenses Over $31	1,796,542,043	0.02	0.0040	0.03	0.01	0.0072	0.0028
Deduct Expenses Over $33	1,796,390,068	0.01	0.0037	0.01	0.01	0.0068	0.0026
Deduct Expenses Over $35 (Base)	1,796,255,829	0.00	0.0000	0.00	0.00	0.0000	0.0000
Deduct Expenses Over $37	1,796,117,599	-0.01	-0.0038	-0.01	-0.01	-0.0070	-0.0027
Deduct Expenses Over $39	1,795,977,148	-0.02	-0.0039	-0.03	-0.01	-0.0070	-0.0027
Deduct Expenses Over $41	1,795,870,453	-0.02	-0.0036	-0.04	-0.02	-0.0065	-0.0025
Deduct Expenses Over $43	1,795,737,256	-0.03	-0.0036	-0.05	-0.02	-0.0065	-0.0026
Deduct Expenses Over $45	1,795,633,916	-0.03	-0.0035	-0.06	-0.02	-0.0063	-0.0024
Deduct Expenses Over $50	1,795,345,935	-0.05	-0.0034	-0.09	-0.04	-0.0061	-0.0024
Deduct Expenses Over $75	1,793,656,750	-0.14	-0.0036	-0.26	-0.10	-0.0066	-0.0026
Deduct Expenses Over $100	1,792,666,016	-0.20	-0.0031	-0.36	-0.14	-0.0056	-0.0022
Deduct Expenses Over $125	1,792,221,873	-0.22	-0.0025	-0.41	-0.16	-0.0045	-0.0018
Deduct Expenses Over $150	1,791,870,922	-0.24	-0.0021	-0.44	-0.17	-0.0038	-0.0015
No Medical Deduction	1,789,774,902	-0.36	n.a.	-0.65	-0.25	n.a.	n.a.
Dependent Care Deduction Cap							
No Dependent Care Deduction	1,774,899,236	-1.19	n.a	-2.16	-0.84	n.a.	n.a.
Decrease Cap $75 ($125:$100)	1,793,787,811	-0.14	-0.0018	-0.25	-0.10	-0.0033	-0.0013
Decrease Cap $50 ($150:$125)	1,794,944,260	-0.07	-0.0015	-0.13	-0.05	-0.0026	-0.0010
Decrease Cap $40 ($160:$135)	1,795,286,899	-0.05	-0.0013	-0.10	-0.04	-0.0024	-0.0010
Decrease Cap $30 ($170:$145)	1,795,581,437	-0.04	-0.0013	-0.07	-0.03	-0.0023	-0.0009
Decrease Cap $20 ($180:$155)	1,795,834,785	-0.02	-0.0012	-0.04	-0.02	-0.0021	-0.0008
Decrease Cap $10 ($190:$165)	1,796,054,043	-0.01	-0.0011	-0.02	-0.01	-0.0020	-0.0008
Baselaw ($200:$175)	1,796,255,829	0.00	0.0000	0.00	0.00	0.0000	0.0000
Increase Cap $10 ($210:$185)	1,796,424,629	0.01	0.0009	0.02	0.01	0.0017	0.0007
Increase Cap $20 ($220:$195)	1,796,587,148	0.02	0.0009	0.03	0.01	0.0017	0.0007
Increase Cap $30 ($230:$205)	1,796,700,846	0.02	0.0008	0.04	0.02	0.0015	0.0006
Increase Cap $40 ($240:$215)	1,796,800,129	0.03	0.0008	0.05	0.02	0.0014	0.0005
Increase Cap $50 ($250:$225)	1,796,872,997	0.03	0.0007	0.06	0.02	0.0012	0.0005
Increase Cap $75 ($275:$250)	1,797,046,525	0.04	0.0006	0.08	0.03	0.0011	0.0004
No Dependent Care Cap	1,797,795,969	0.09	n.a	0.16	0.06	n.a.	n.a.

n.a = not applicable

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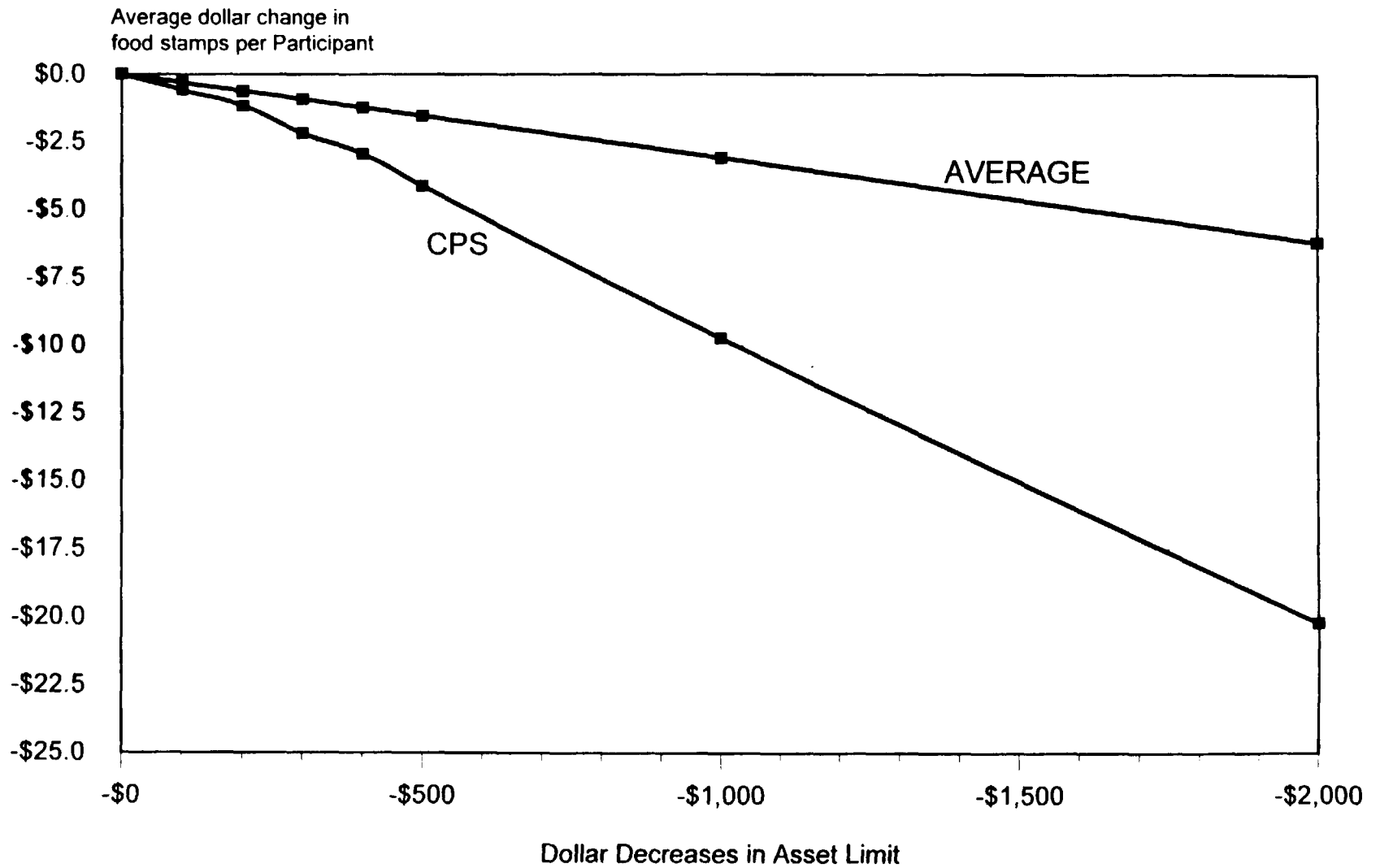|		Percentage Impacts		Dollar Impacts			
				Average Change in Food Stamps Per:		Average Change in Food Stamps per Dollar or Percentage Point Change in Parameter Per	
Parameter Change	Total FSP Benefits (Dollars)	Percent Change in Total FSP Benefits	Percent Change in FSP Benefits per Dollar or Percentage Point Parameter Chang	Baselaw Units (Dollars)	Baselaw Participant (Dollars)	Baselaw Units (Dollars)	Baselaw Participant (Dollars)
Baselaw: 1996 MATH CPS Model	1.796.255.829			All FSP Units = 9.907.317	All Participants = 25.415.542		
Shelter Deduction Cap							
Decrease Cap $30	1,785.105.447	-0.62	-0.0207	-1.13	-0.44	-0.0375	-0.0146
Decrease Cap $25	1,786.978.270	-0.52	-0.0207	-0.94	-0.37	-0.0375	-0.0146
Decrease Cap $20	1,788.891.713	-0.41	-0.0205	-0.74	-0.29	-0.0372	-0.0145
Decrease Cap $15	1,790.652.465	-0.31	-0.0208	-0.57	-0.22	-0.0377	-0.0147
Decrease Cap $10	1,792.597.012	-0.20	-0.0204	-0.37	-0.14	-0.0369	-0.0144
Decrease Cap $5	1,794.382.786	-0.10	-0.0209	-0.19	-0.07	-0.0378	-0.0147
Baselaw ($247)	1,796.255.829	0.00	0.0000	0.00	0.00	0.0000	0.0000
Increase Cap $5	1,797.815.079	0.09	0.0174	0.16	0.06	0.0315	0.0123
Increase Cap $10	1,799.420.661	0.18	0.0176	0.32	0.12	0.0319	0.0125
Increase Cap $15	1,801.136.830	0.27	0.0181	0.49	0.19	0.0328	0.0128
Increase Cap $20	1,802.670.568	0.36	0.0179	0.65	0.25	0.0324	0.0126
Increase Cap $25	1,804.082.101	0.44	0.0174	0.79	0.31	0.0316	0.0123
Increase Cap $30	1,805.493.633	0.51	0.0171	0.93	0.36	0.0311	0.0121
No Shelter Deduction Cap	1.845.189.189	2.72	n.a.	4.94	1.93	n.a.	n.a.
Shelter Deduction Threshold							
Deduct Expenses > X% of Net Income							
X=0	2.073.838.856	15.45	0.3091	28.02	10.92	0.5604	0.2184
X=10	2,009.148.833	11.85	0.2963	21.49	8.38	0.5372	0.2094
X=20	1,944.970.043	8.28	0.2760	15.01	5.85	0.5004	0.1950
X=30	1,888.107.121	5.11	0.2557	9.27	3.61	0.4636	0.1807
X=40	1,838.281.560	2.34	0.2340	4.24	1.65	0.4242	0.1654
X=42	1,829.381.850	1.84	0.2305	3.34	1.30	0.4179	0.1629
X=44	1,820.342.385	1.34	0.2235	2.43	0.95	0.4052	0.1580
X=46	1,812.125.597	0.88	0.2209	1.60	0.62	0.4005	0.1561
X=48	1,804.144.289	0.44	0.2196	0.80	0.31	0.3981	0.1552
X=50 (Base)	1,796.255.829	0.00	0.0000	0.00	0.00	0.0000	0.0000
X=52	1,788.983.444	-0.40	-0.2024	-0.73	-0.29	-0.3670	-0.1431
X=54	1,781.579.219	-0.82	-0.2043	-1.48	-0.58	-0.3703	-0.1444
X=56	1,774.765.360	-1.20	-0.1994	-2.17	-0.85	-0.3615	-0.1409
X=58	1,767.692.375	-1.59	-0.1988	-2.88	-1.12	-0.3604	-0.1405
X=60	1,761.191.660	-1.95	-0.1952	-3.54	-1.38	-0.3539	-0.1380
X=70	1.731.121.593	-3.63	-0.1813	-6.57	-2.56	-0.3287	-0.1281
X=80	1.705.422.258	-5.06	-0.1686	-9.17	-3.57	-0.3056	-0.1191
X=90	1.684.582.524	-6.22	-0.1554	-11.27	-4.39	-0.2818	-0.1098
X=100	1.665.234.650	-7.29	-0.1459	-13.22	-5.16	-0.2645	-0.1031

n.a. = not applicable

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FIGURE C.1
ASSET LIMIT (Decrease)
CPS vs. AVERAGE*

Average dollar change in
food stamps per Participant

Dollar Decreases in Asset Limit

* Average represents estimates generated by using the Average Rules of Thumb

FIGURE C.2
ASSET LIMIT (Increase)
CPS vs. AVERAGE*

Average dollar change in
food stamps per participant

Dollar Increases in Asset Limit
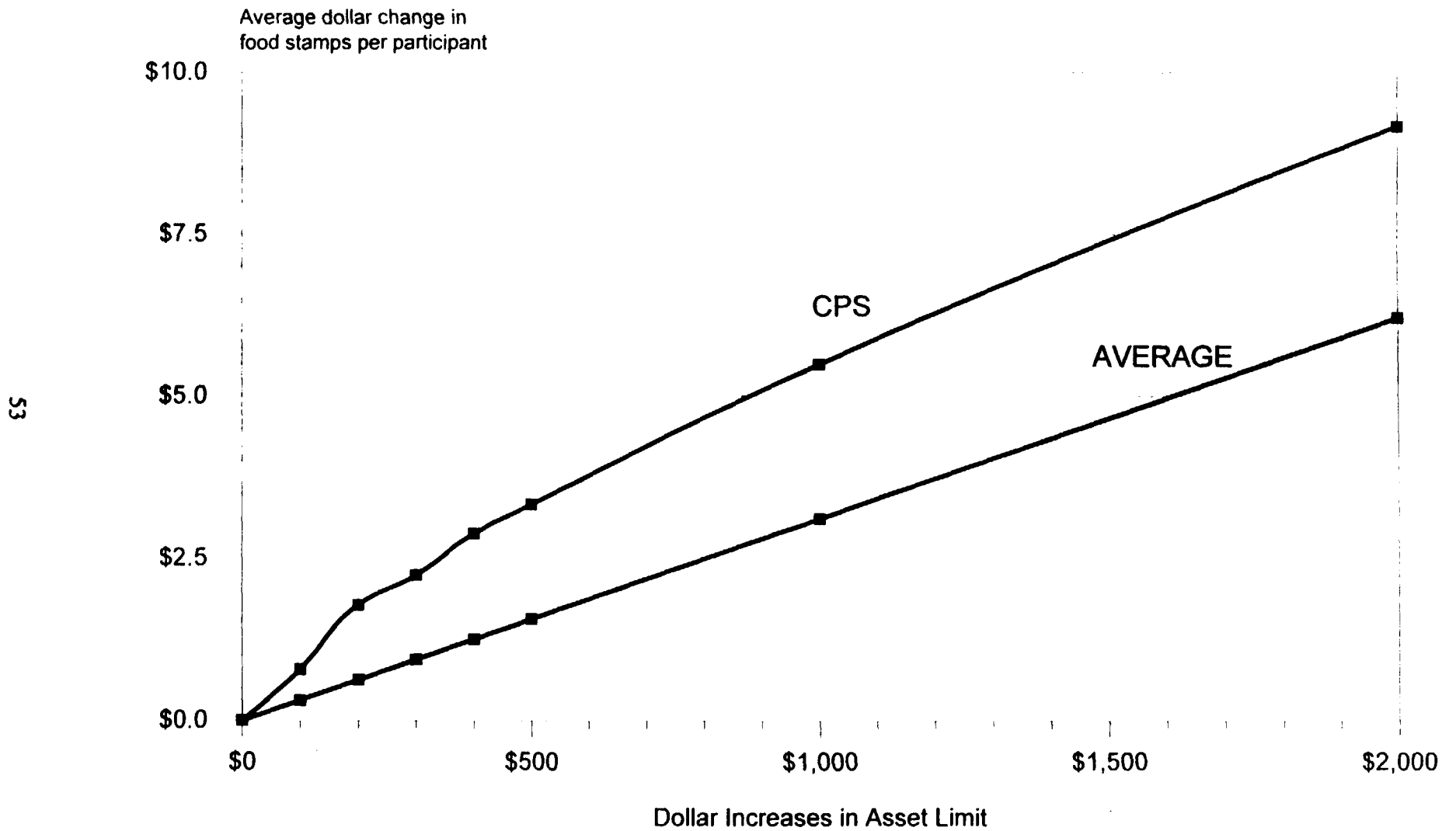
* Average represents estimates generated by using the Average Rules of Thumb

FIGURE C.3
VEHICULAR ASSET LIMIT (Decrease)
CPS vs. AVERAGE*

Average dollar change in
food stamps per participant

Dollar Decreases in Vehicular Asset Limit

* Average represents estimates generated by using the Average Rules of Thumb

FIGURE C.4
VEHICULAR ASSET LIMIT (Increase)
CPS vs. AVERAGE*

Average dollar change in
food stamps per participant

Dollar Increases in Asset Limit
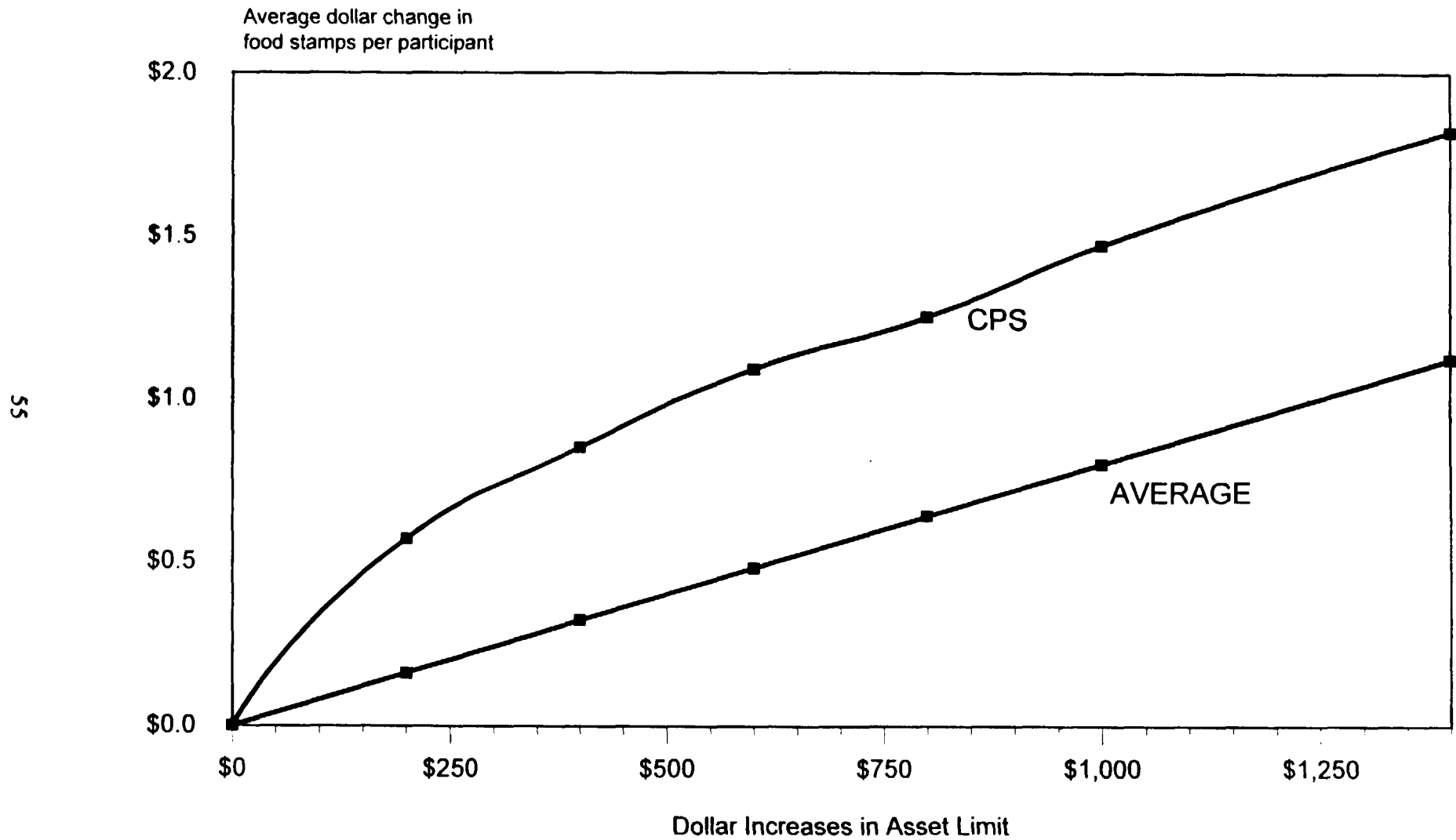
* Average represents estimates generated by using the Average Rules of Thumb

FIGURE C.5

NET INCOME SCREEN (Decrease)
CPS vs AVERAGE*

Average dollar change in
food stamps per participant
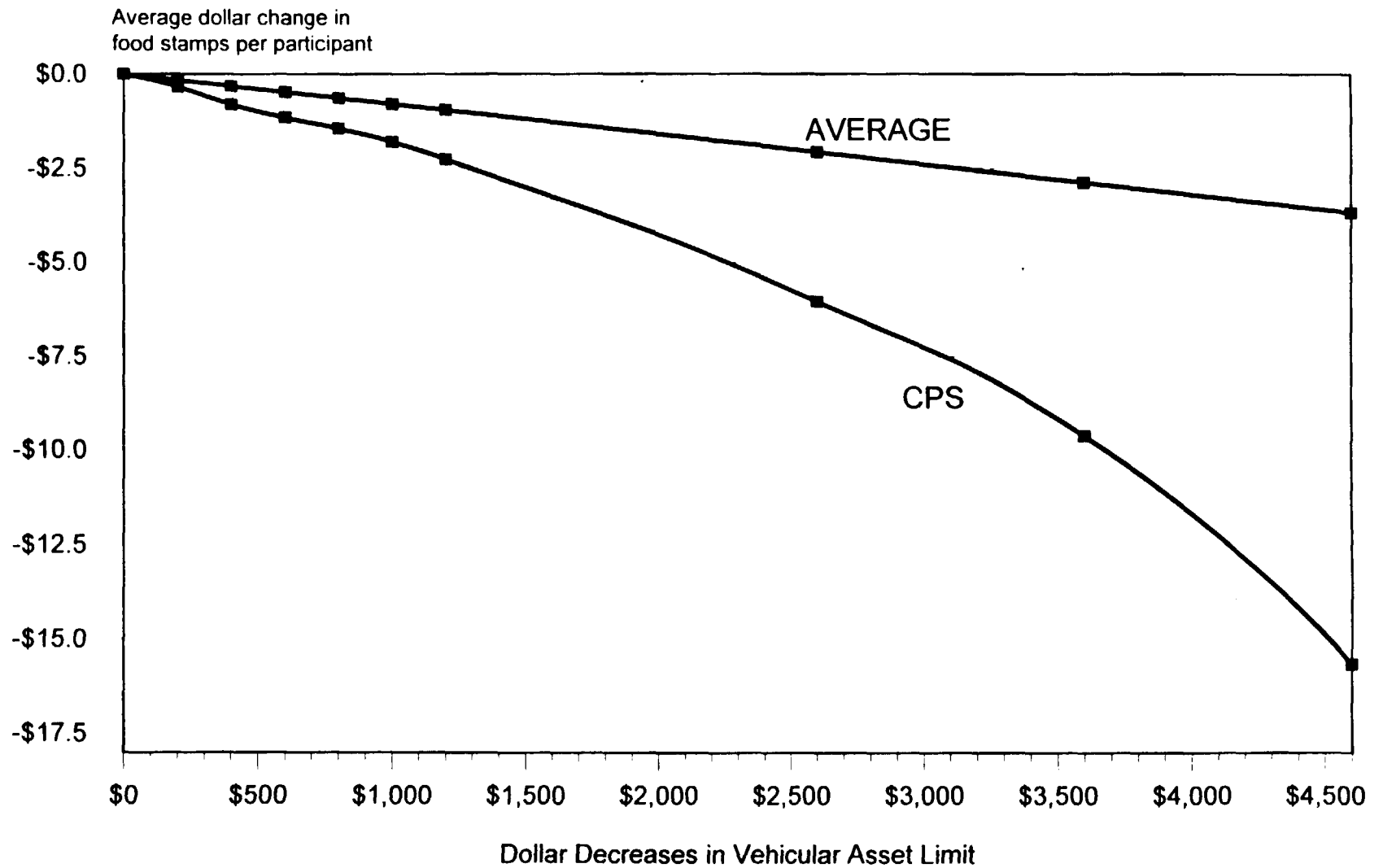
Percent Decrease in Net Income Screen
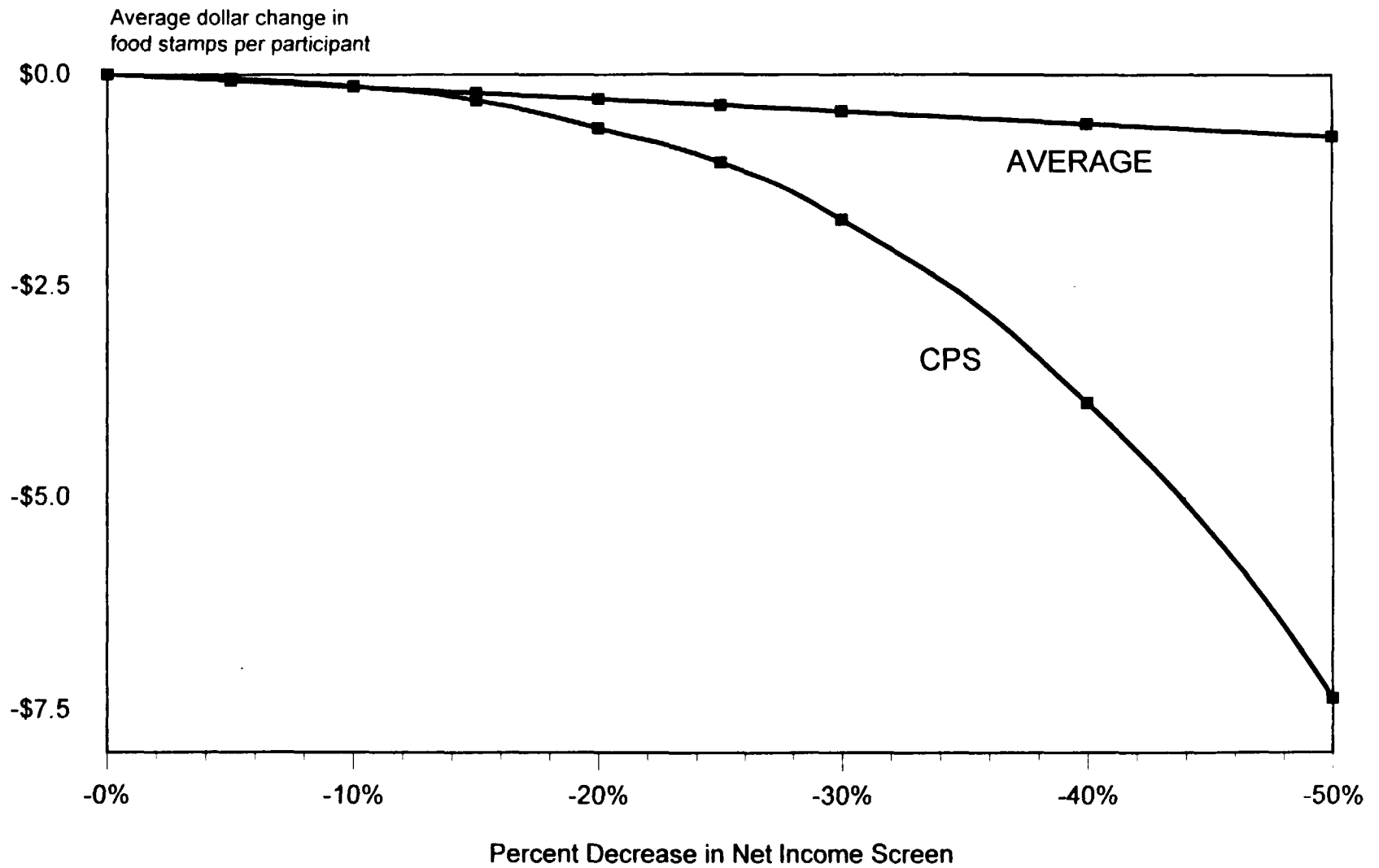
* Average represents estimates generated by using the Average Rules of Thumb

FIGURE C.6

NET INCOME SCREEN (Increase)
CPS vs. AVERAGE*

Average dollar change in
food stamps per participant

AVERAGE

CPS

Percent Increase in Net Income Screen
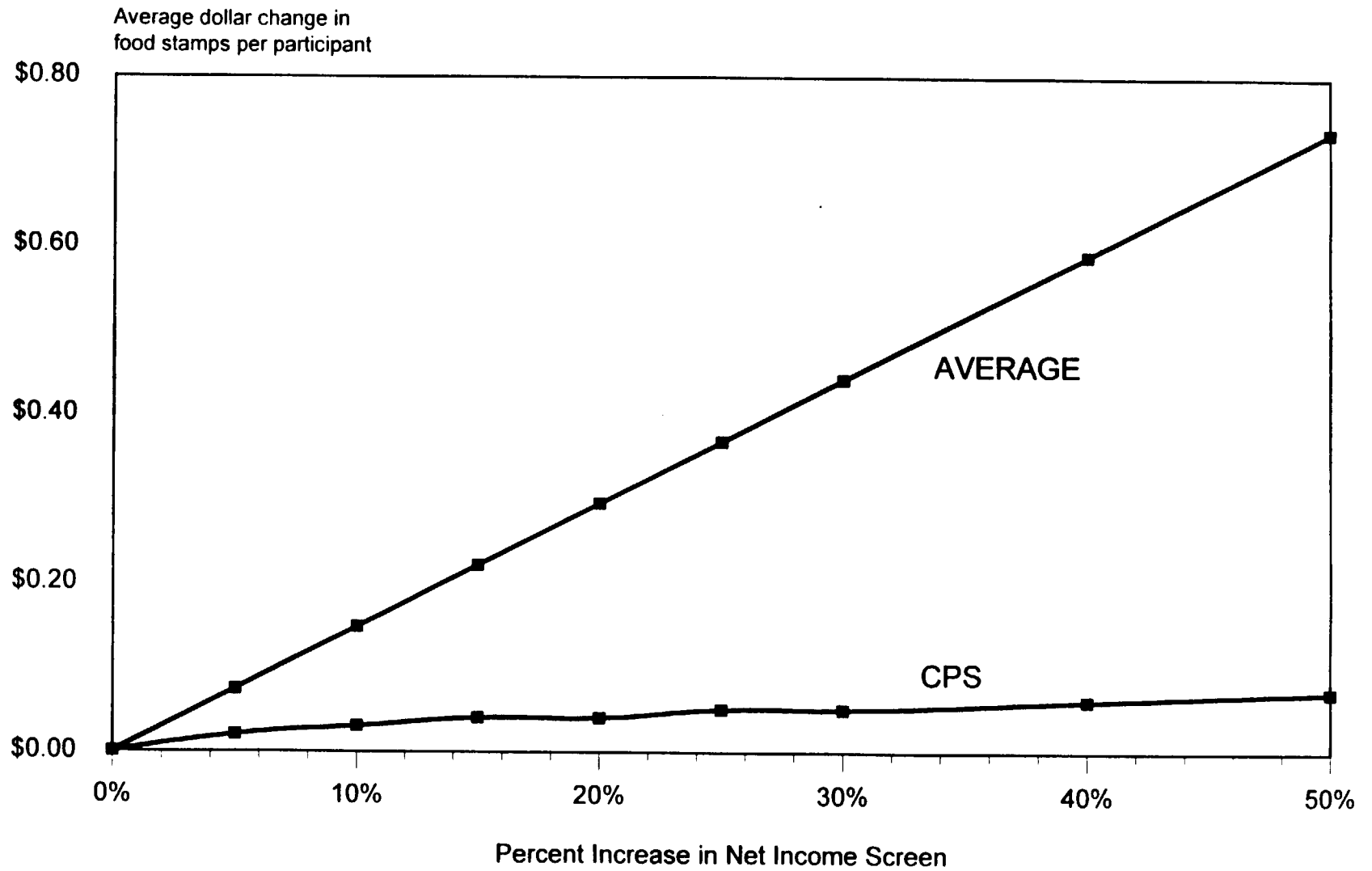
* Average represents estimates generated by using the Average Rules of Thumb

FIGURE C.7
MAXIMUM BENEFIT
CPS vs. AVERAGE*
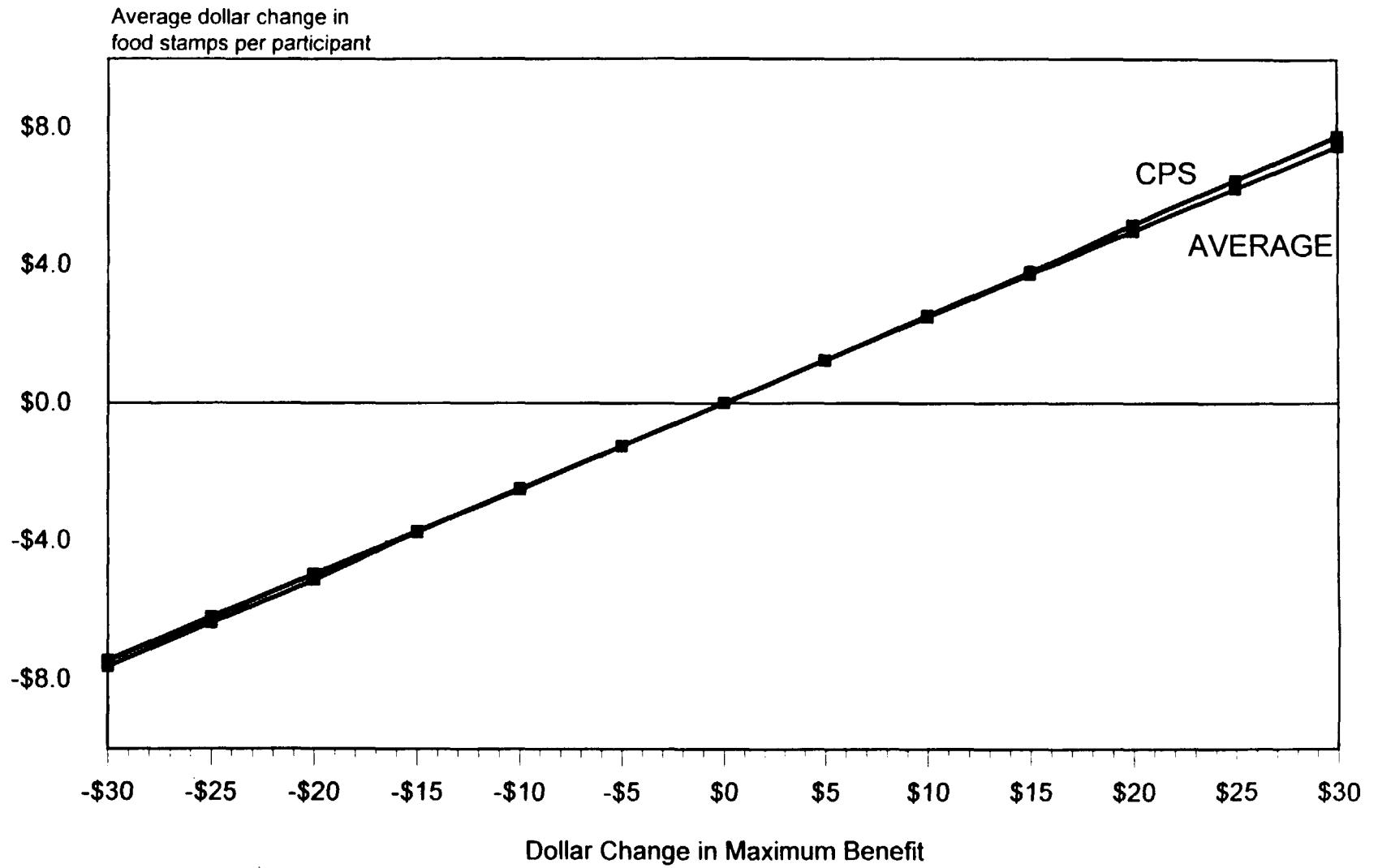
Average dollar change in
food stamps per participant

Dollar Change in Maximum Benefit

* Average represents estimates generated by using the Average Rules of Thumb

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FIGURE C.8

MINIMUM BENEFIT (Increase)
CPS vs. AVERAGE*

Average dollar change in
food stamps per participant

Value of Minimum Benefit (Base = $10)
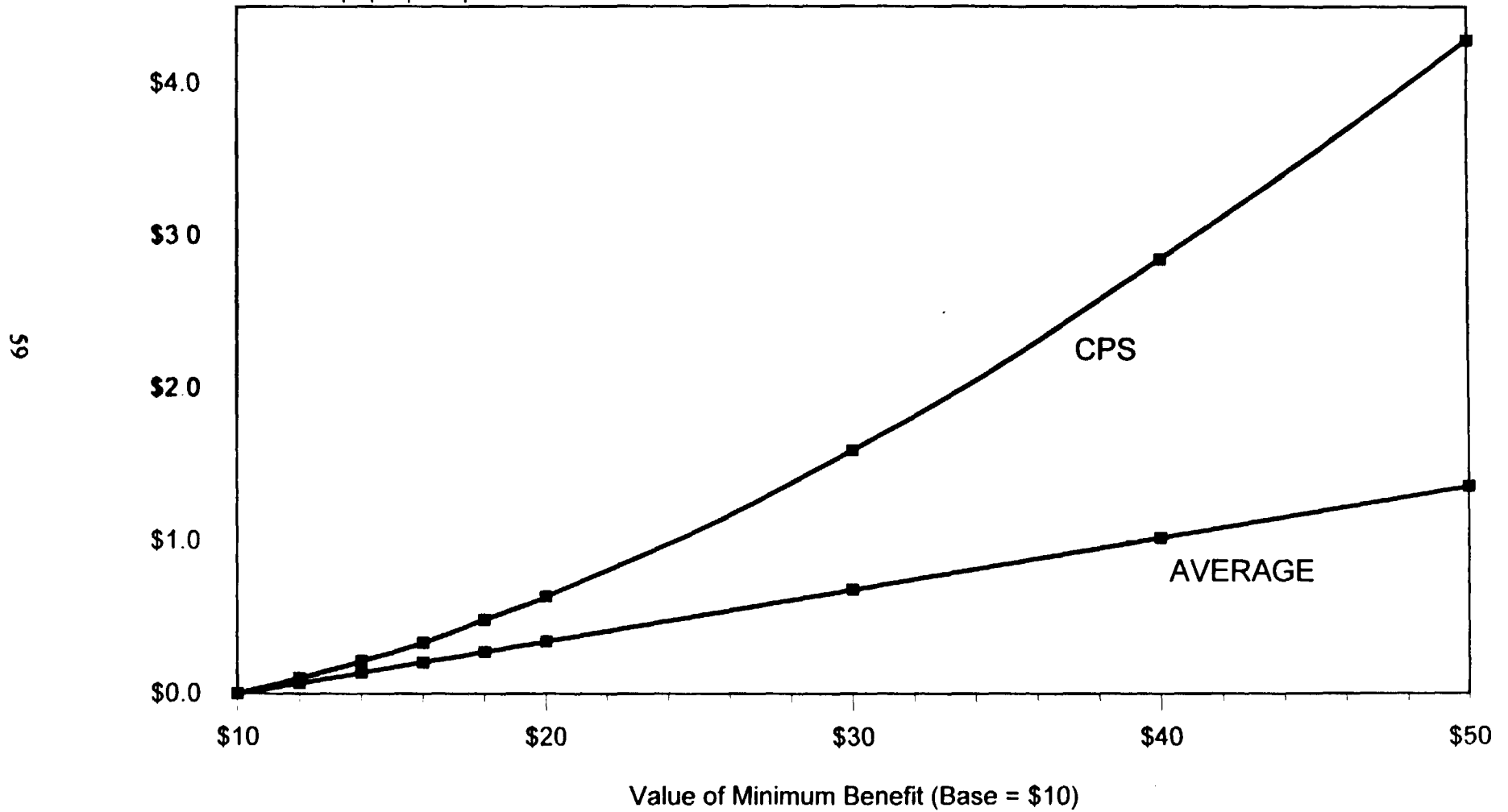
* Average represents estimates generated by using the Average Rules of Thumb

FIGURE C.9
BENEFIT REDUCTION RATE (BRR)
CPS vs. AVERAGE*
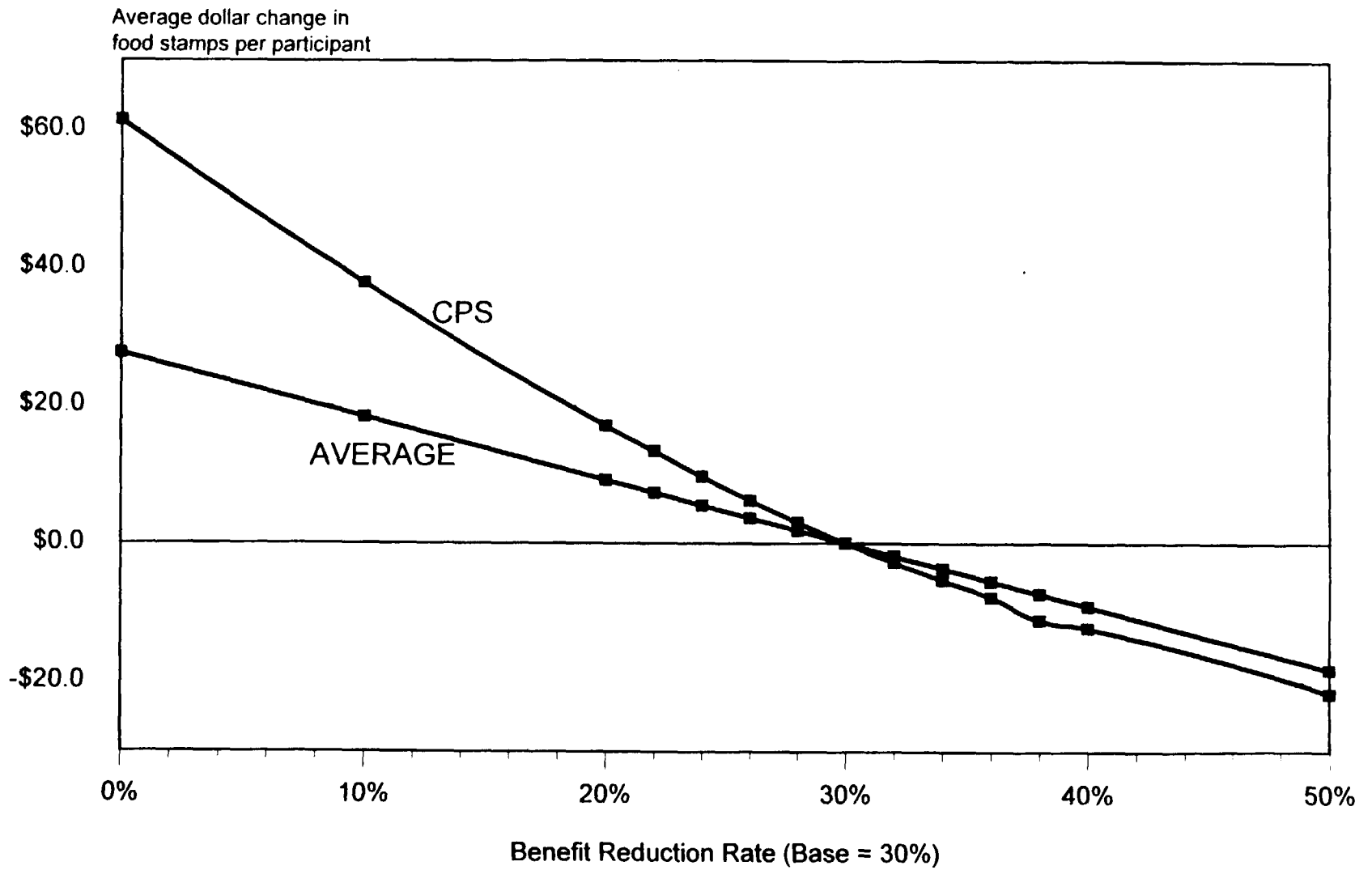
Average dollar change in
food stamps per participant

CPS

AVERAGE

Benefit Reduction Rate (Base = 30%)

* Average represents estimates generated by using the Average Rules of Thumb

60

FIGURE C.10
STANDARD DEDUCTION (Increase)
CPS vs. AVERAGE*

Average dollar change in
food stamps per participant

$6.0

$4.0

CPS

$2.0

AVERAGE

$0.0

$0 $10 $20 $30 $40 $50

Dollar Increases in Standard Deduction

* Average represents estimates generated by using the Average Rules of Thumb

61

FIGURE C.11
STANDARD DEDUCTION (Decrease)
CPS vs. AVERAGE*

Average dollar change in
food stamps per participant

Dollar Decreases in Standard Deduction

* Average represents estimates generated by using the Average Rules of Thumb

FIGURE C.12
EARNINGS DEDUCTION
CPS vs. AVERAGE*

Average dollar change in
food stamps per participant

Percent Change in Earnings Deduction
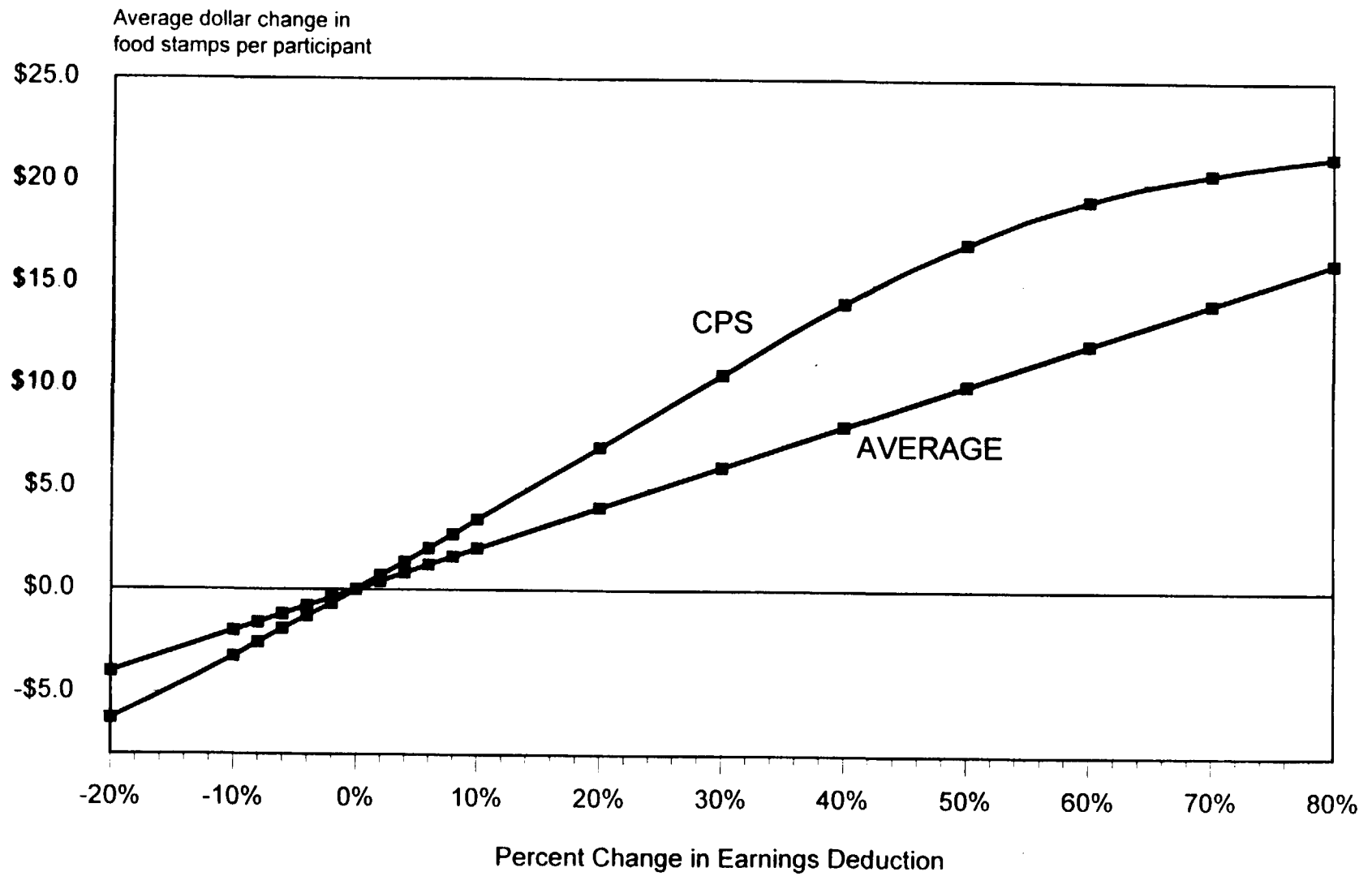
* Average represents estimates generated by using the Average Rules of Thumb

FIGURE C.13
MEDICAL DEDUCTION THRESHOLD
CPS vs. AVERAGE*

Average dollar change in
food stamps per participant

Medical Deduction Threshold (Base = $35)
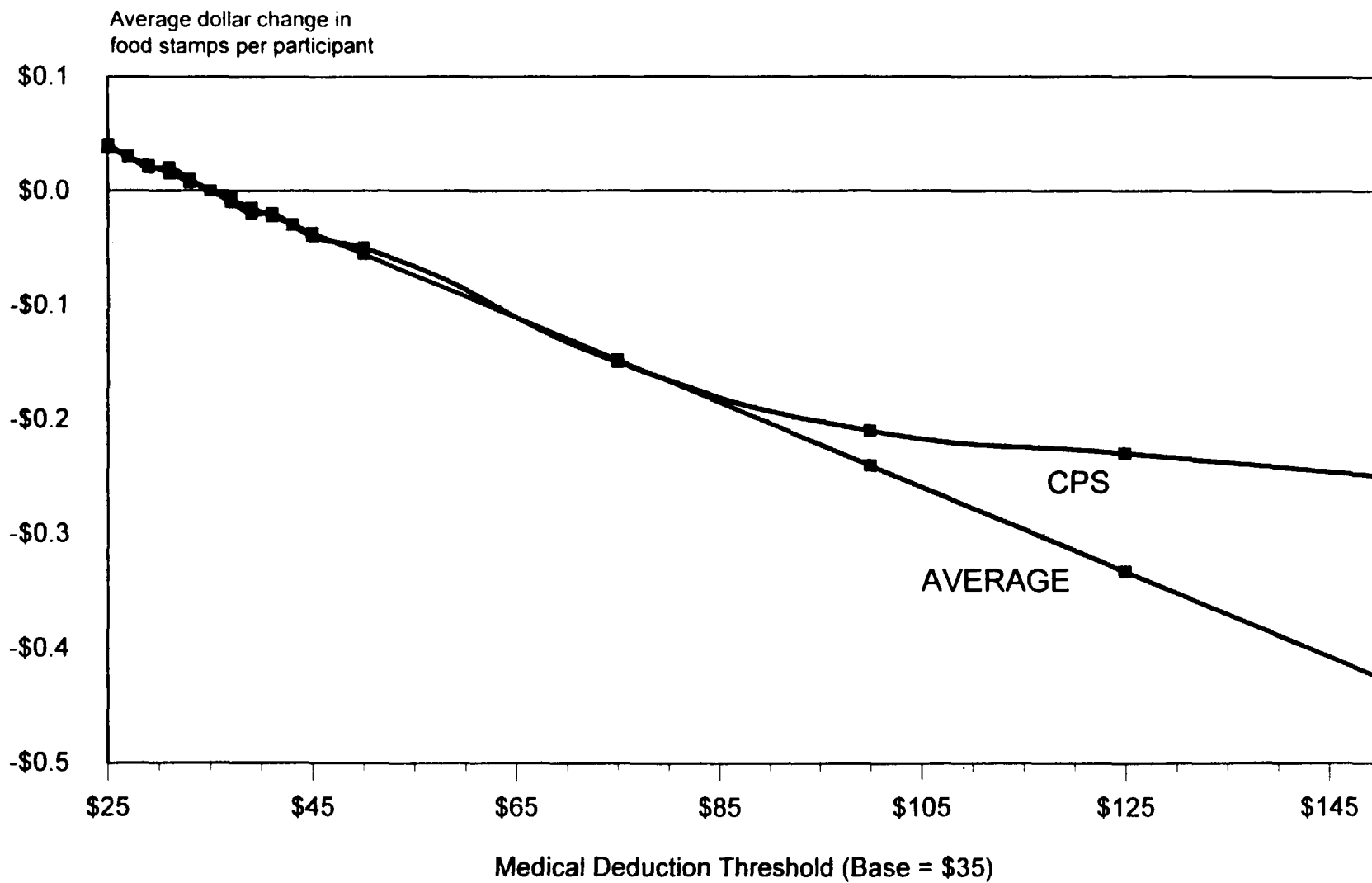
* Average represents estimates generated by using the Average Rules of Thumb

FIGURE C.14
DEPENDENT CARE DEDUCTION CAP
CPS vs. AVERAGE*

Average dollar change in
food stamps per participant

$0.05

$0.00

AVERAGE

-$0.05

CPS

-$0.10

-$0.15

-$70 -$60 -$50 -$40 -$30 -$20 -$10 $0 $10 $20 $30 $40 $50 $60 $70

Change in Dependent Care Deduction Cap
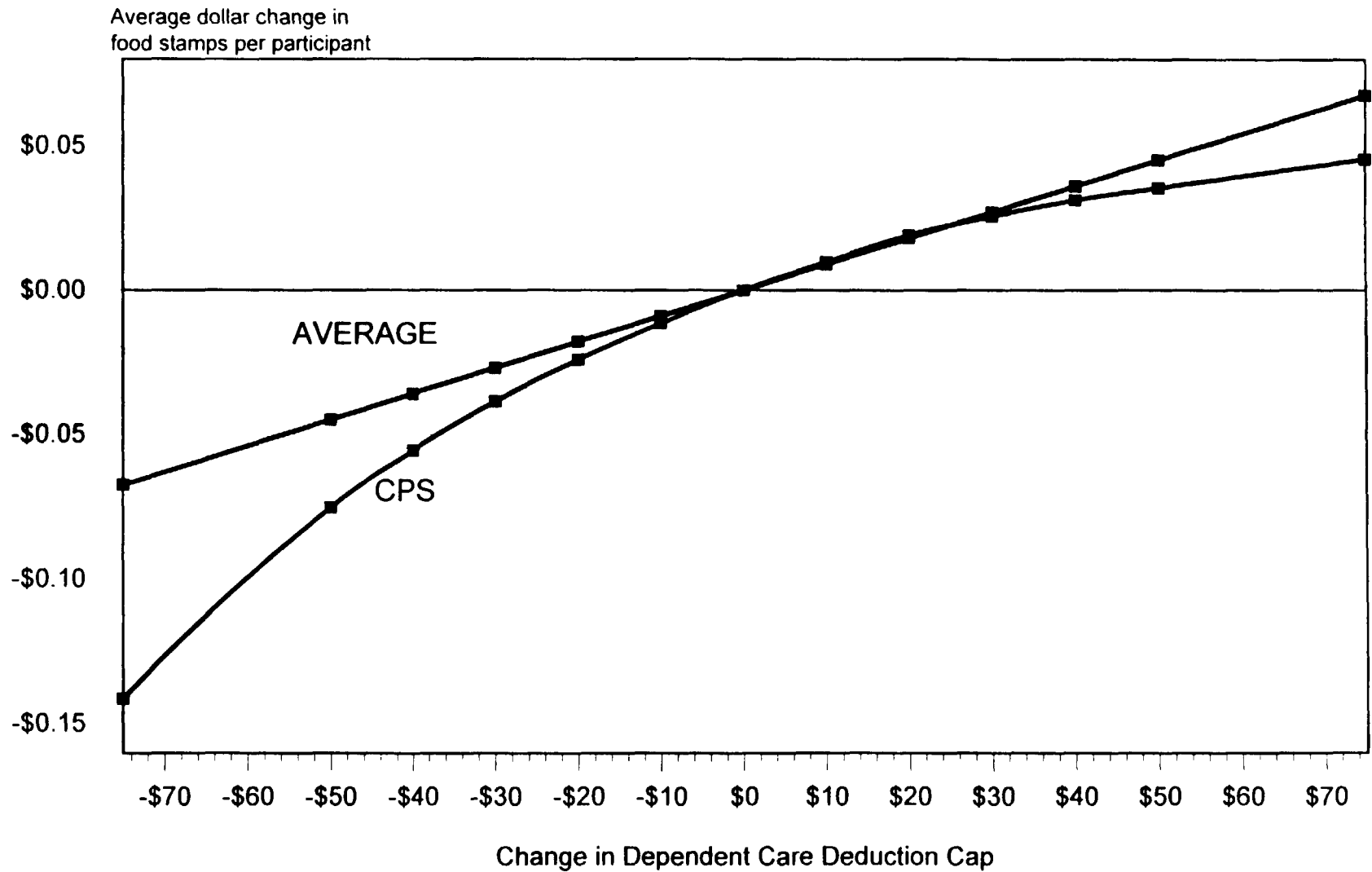
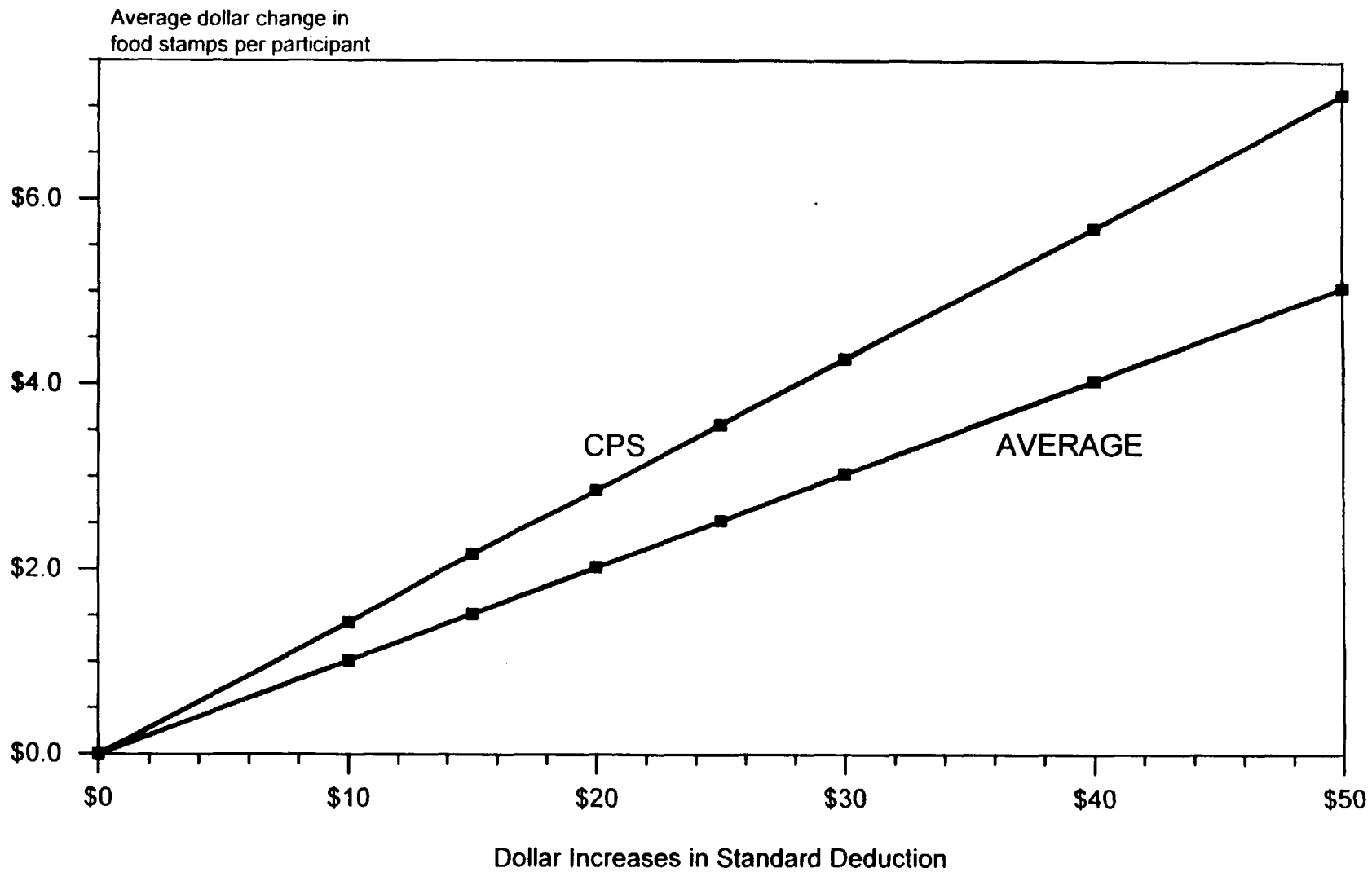* Average represents estimates generated by using the Average Rules of Thumb

FIGURE C.15
SHELTER DEDUCTION CAP
CPS vs. AVERAGE*

Average dollar change in
food stamps per participant

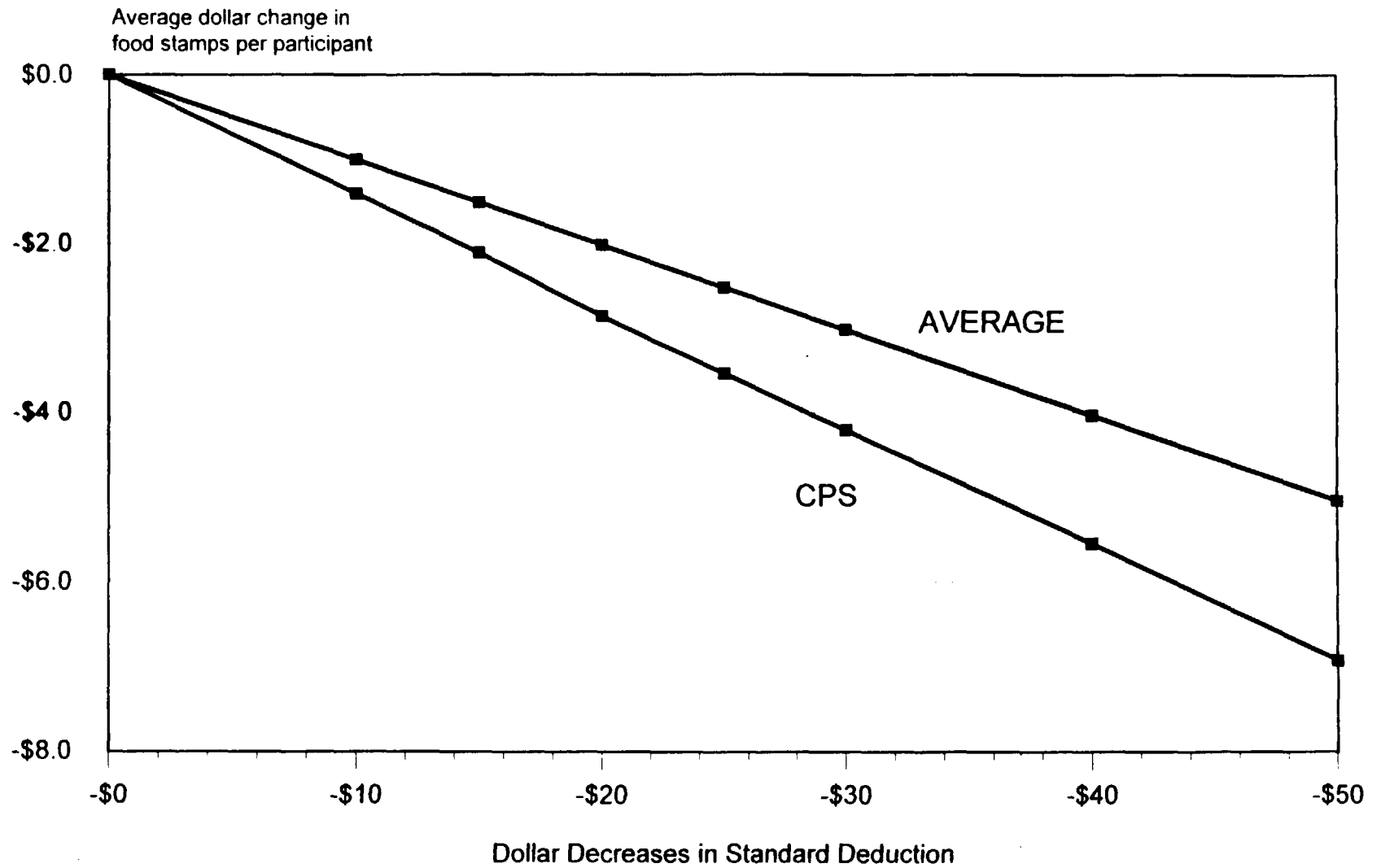Dollar Change in Shelter Deduction Cap
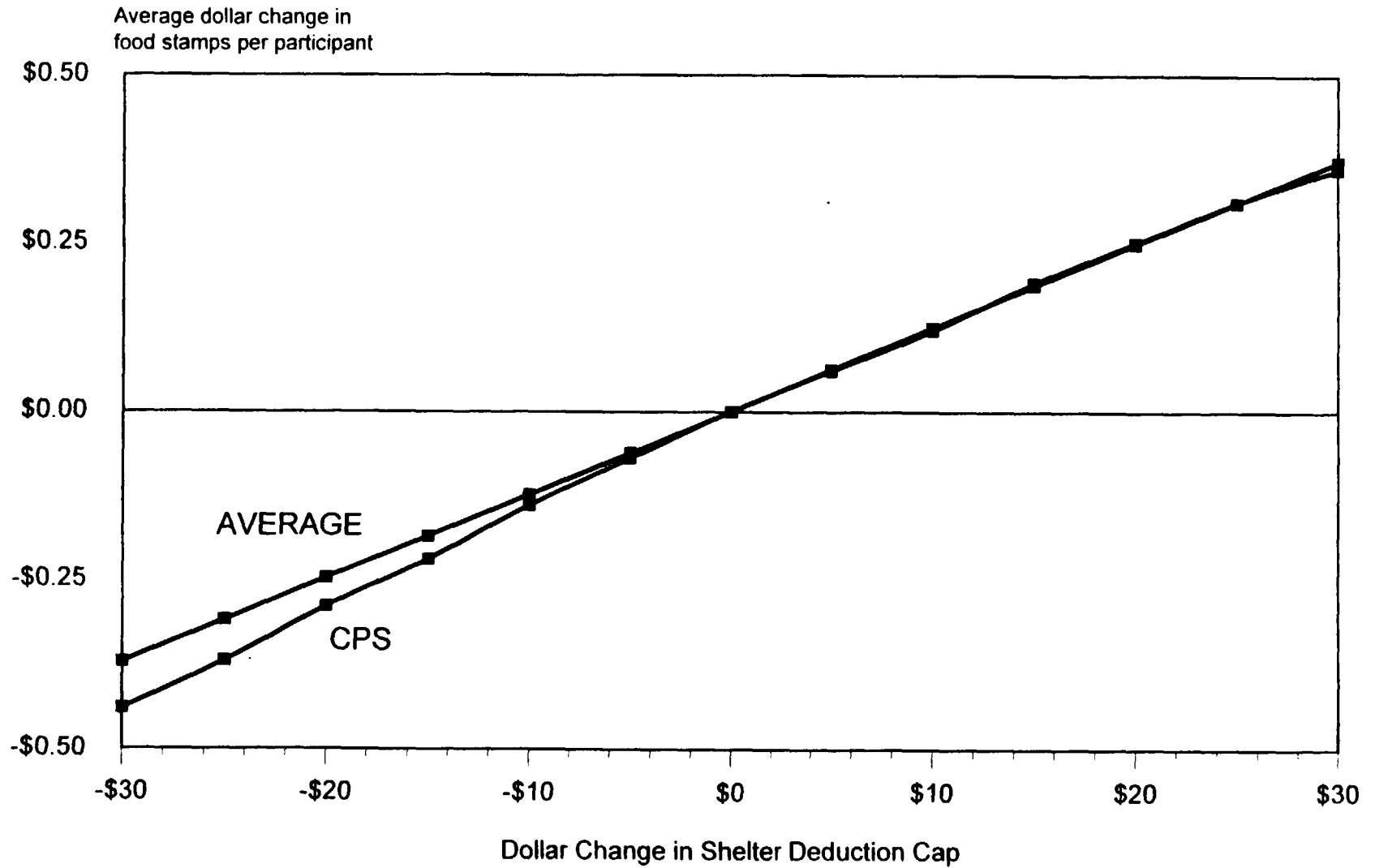
* Average represents estimates generated by using the Average Rules of Thumb

FIGURE C.16
SHELTER DEDUCTION THRESHOLD
CPS vs. AVERAGE*

Average dollar change in food stamps per participant

AVERAGE

CPS

X =

Deduction Threshold (Base: X=50%)

Deduct Expenses > X% of Net Income
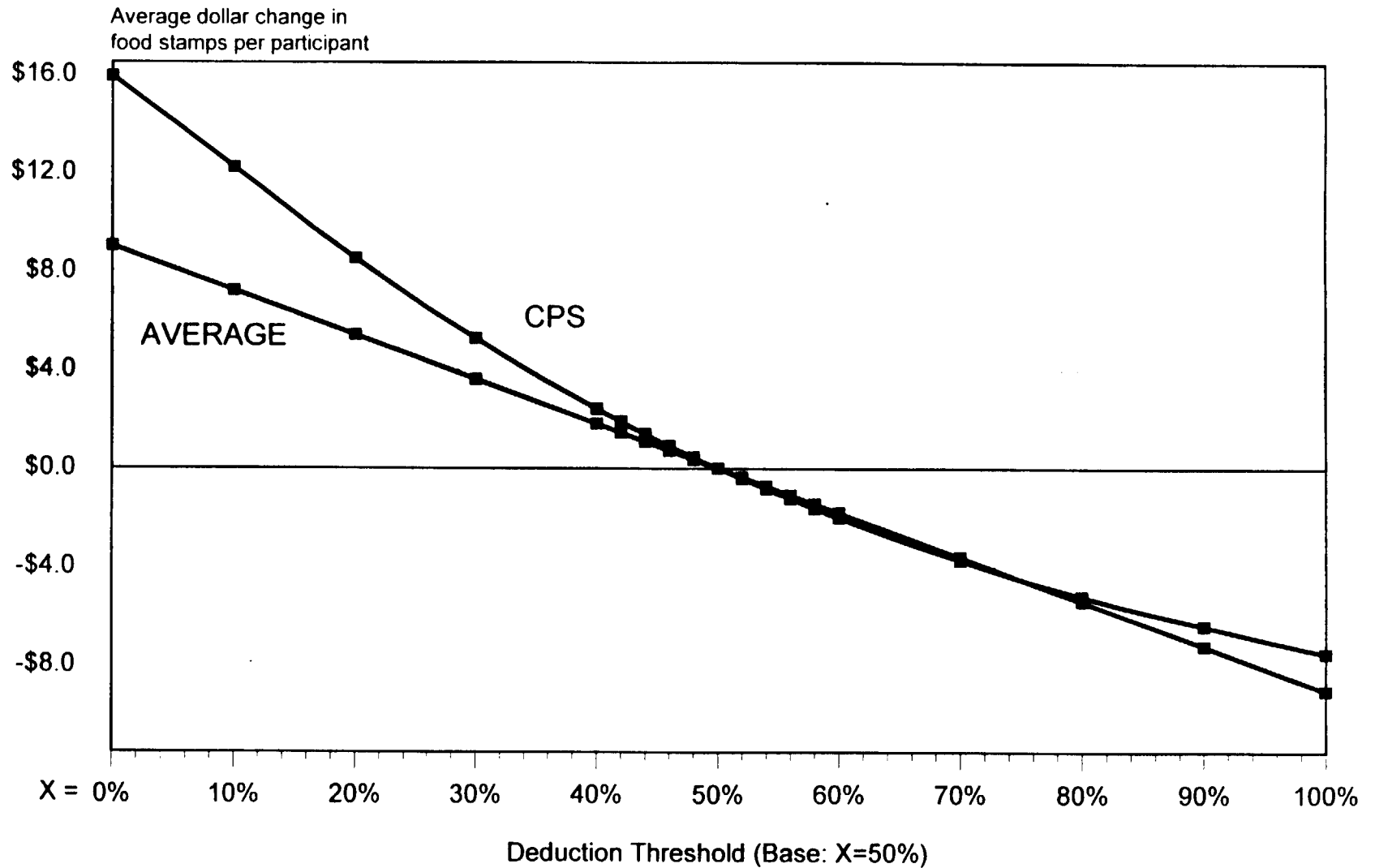
* Average represents estimates generated by using the Average Rules of Thumb

Appendix D

Rules of Thumb for Changes to the FSP
1994 Math SIPP Model Results

RULES OF THUMB FOR CHANGES TO THE FSP
1994 MATH SIPP MODEL RESULTS

		Percentage Impacts		Dollar Impacts			
						Average Change in Food Stamps per Dollar or Percentage Point Change in Parameter Per:	
		Percent Change in Total FSP Benefits	Percent Change in FSP Benefits per Dollar or Percentage Point Parameter Chang	Average Change in Food Stamps Per:			
	Total FSP Benefits (Dollars)			Baselaw Units (Dollars)	Baselaw Participant (Dollars)	Baselaw Units (Dollars)	Baselaw Participant (Dollars)
Parameter Change							
Baselaw: 1994 MATH SIPP Model	1,665,751,699			All FSP Units = 9,902,609	All Participants = 24,603,315		
Asset Limits							
$0 nonelderly, $0 elderly	1,365,111,818	-18.05	n.a.	-30.36	-12.22	n.a.	n.a.
$0 nonelderly, $1000 elderly	1,376,848,557	-17.34	-0.0087	-29.17	-11.74	-0.0146	-0.0059
$1000 nonelderly, $2000 elderly	1,547,548,118	-7.10	-0.0071	-11.94	-4.80	-0.0119	-0.0048
$1500 nonelderly, $2500 elderly	1,629,249,651	-2.19	-0.0044	-3.69	-1.48	-0.0074	-0.0030
$1600 nonelderly, $2600 elderly	1,633,107,506	-1.96	-0.0049	-3.30	-1.33	-0.0082	-0.0033
$1700 nonelderly, $2700 elderly	1,640,717,485	-1.50	-0.0050	-2.53	-1.02	-0.0084	-0.0034
$1800 nonelderly, $2800 elderly	1,650,980,434	-0.89	-0.0044	-1.49	-0.60	-0.0075	-0.0030
$1900 nonelderly, $2900 elderly	1,656,729,587	-0.54	-0.0054	-0.91	-0.37	-0.0091	-0.0037
$2000 nonelderly, $3000 elderly (Base)	1,665,751,699	0.00	0.0000	0.00	0.00	0.0000	0.0000
$2100 nonelderly, $3100 elderly	1,671,685,939	0.36	0.0036	0.60	0.24	0.0060	0.0024
$2200 nonelderly, $3200 elderly	1,680,054,417	0.86	0.0043	1.44	0.58	0.0072	0.0029
$2300 nonelderly, $3300 elderly	1,693,013,534	1.64	0.0055	2.75	1.11	0.0092	0.0037
$2400 nonelderly, $3400 elderly	1,695,388,657	1.78	0.0044	2.99	1.20	0.0075	0.0030
$2500 nonelderly, $3500 elderly	1,704,131,301	2.30	0.0046	3.88	1.56	0.0078	0.0031
$3000 nonelderly, $4000 elderly	1,724,859,897	3.55	0.0035	5.97	2.40	0.0060	0.0024
$4000 nonelderly, $5000 elderly	1,772,605,396	6.41	0.0032	10.79	4.34	0.0054	0.0022
No Asset Limits	2,068,217,202	24.16	n.a.	40.64	16.36	n.a.	n.a.
Vehicular Assets							
FMV Threshold = $0	1,416,458,724	-14.97	-0.0033	-25.17	-10.13	-0.0055	-0.0022
FMV Threshold = $1000	1,517,925,423	-8.87	-0.0025	-14.93	-6.01	-0.0041	-0.0017
FMV Threshold = $2000	1,585,080,056	-4.84	-0.0019	-8.15	-3.28	-0.0031	-0.0013
FMV Threshold = $3300	1,634,498,265	-1.88	-0.0016	-3.16	-1.27	-0.0026	-0.0011
FMV Threshold = $3500	1,642,448,905	-1.40	-0.0014	-2.35	-0.95	-0.0024	-0.0009
FMV Threshold = $3700	1,645,561,536	-1.21	-0.0015	-2.04	-0.82	-0.0025	-0.0010
FMV Threshold = $3900	1,650,923,383	-0.89	-0.0015	-1.50	-0.60	-0.0025	-0.0010
FMV Threshold = $4100	1,654,674,254	-0.67	-0.0017	-1.12	-0.45	-0.0028	-0.0011
FMV Threshold = $4300	1,660,312,190	-0.33	-0.0016	-0.55	-0.22	-0.0027	-0.0011
FMV Threshold = $4500 (Base)	1,665,751,699	0.00	0.0000	0.00	0.00	0.0000	0.0000
FMV Threshold = $4700	1,669,713,456	0.24	0.0012	0.40	0.16	0.0020	0.0008
FMV Threshold = $4900	1,673,316,981	0.45	0.0011	0.76	0.31	0.0019	0.0008
FMV Threshold = $5100	1,674,819,211	0.54	0.0009	0.92	0.37	0.0015	0.0006
FMV Threshold = $5300	1,674,850,912	0.55	0.0007	0.92	0.37	0.0011	0.0005
FMV Threshold = $5500	1,675,832,917	0.61	0.0006	1.02	0.41	0.0010	0.0004
FMV Threshold = $6000	1,681,624,157	0.95	0.0007	1.60	0.65	0.0011	0.0005
No FMV Counted (Exclude 1st Vehicle)	1,738,292,227	4.35	n.a.	7.33	2.95	n.a.	n.a.

n.a = not applicable

Parameter Change	Total FSP Benefits (Dollars)	Percentage Impacts		Dollar Impacts			
		Percent Change in Total FSP Benefits	Percent Change in FSP Benefits per Dollar or Percentage Point Parameter Chang	Average Change in Food Stamps Per:		Average Change in Food Stamps per Dollar or Percentage Point Change in Parameter Per:	
				Baselaw Units (Dollars)	Baselaw Participant (Dollars)	Baselaw Units (Dollars)	Baselaw Participant (Dollars)
Baselaw: 1994 MATH SIPP Model	1,665,751,699			All FSP Units = 9,902,609	All Participants = 24,603,315		
Gross and Net Income Screens							
Baselaw	1,665,751,699	0.00	0.0000	0.00	0.00	0.0000	0.0000
Decrease Gross 5%	1,662,970,763	-0.17	-0.0334	-0.28	-0.11	-0.0562	-0.0226
Decrease Gross 10%	1,657,798,312	-0.48	-0.0477	-0.80	-0.32	-0.0803	-0.0323
Decrease Gross 15%	1,650,939,837	-0.89	-0.0593	-1.50	-0.60	-0.0997	-0.0401
Decrease Gross 20%	1,642,933,211	-1.37	-0.0685	-2.30	-0.93	-0.1152	-0.0464
Decrease Gross 25%	1,629,269,900	-2.19	-0.0876	-3.68	-1.48	-0.1474	-0.0593
Decrease Gross 30%	1,607,370,751	-3.50	-0.1168	-5.90	-2.37	-0.1965	-0.0791
Decrease Gross 40%	1,550,050,586	-6.95	-0.1736	-11.68	-4.70	-0.2921	-0.1176
Decrease Gross 50%	1,500,833,569	-9.90	-0.1980	-16.65	-6.70	-0.3331	-0.1341
Increase Gross 5%	1,668,004,489	0.14	0.0270	0.23	0.09	0.0455	0.0183
Increase Gross 10%	1,668,740,173	0.18	0.0179	0.30	0.12	0.0302	0.0121
Increase Gross 15%	1,668,904,783	0.19	0.0126	0.32	0.13	0.0212	0.0085
Increase Gross 20%	1,670,024,699	0.26	0.0128	0.43	0.17	0.0216	0.0087
Increase Gross 25%	1,670,184,691	0.27	0.0106	0.45	0.18	0.0179	0.0072
Increase Gross 30%	1,670,312,825	0.27	0.0091	0.46	0.19	0.0154	0.0062
Increase Gross 40%	1,670,460,680	0.28	0.0071	0.48	0.19	0.0119	0.0048
Increase Gross 50%	1,670,557,450	0.29	0.0058	0.49	0.20	0.0097	0.0039
No Gross Income Screen	1,670,557,450	0.29	n.a.	0.49	0.20	n.a.	n.a.
Decrease Net 5%	1,664,955,127	-0.05	-0.0096	-0.08	-0.03	-0.0161	-0.0065
Decrease Net 10%	1,662,375,156	-0.20	-0.0203	-0.34	-0.14	-0.0341	-0.0137
Decrease Net 15%	1,659,027,606	-0.40	-0.0269	-0.68	-0.27	-0.0453	-0.0182
Decrease Net 20%	1,652,944,920	-0.77	-0.0384	-1.29	-0.52	-0.0647	-0.0260
Decrease Net 25%	1,647,008,929	-1.13	-0.0450	-1.89	-0.76	-0.0757	-0.0305
Decrease Net 30%	1,641,683,984	-1.44	-0.0482	-2.43	-0.98	-0.0810	-0.0326
Decrease Net 40%	1,613,239,257	-3.15	-0.0788	-5.30	-2.13	-0.1326	-0.0534
Decrease Net 50%	1,570,686,827	-5.71	-0.1141	-9.60	-3.86	-0.1920	-0.0773
Increase Net 5%	1,666,368,327	0.04	0.0074	0.06	0.03	0.0125	0.0050
Increase Net 10%	1,666,436,615	0.04	0.0041	0.07	0.03	0.0069	0.0028
Increase Net 15%	1,666,460,264	0.04	0.0028	0.07	0.03	0.0048	0.0019
Increase Net 20%	1,666,597,236	0.05	0.0025	0.09	0.03	0.0043	0.0017
Increase Net 25%	1,666,682,734	0.06	0.0022	0.09	0.04	0.0038	0.0015
Increase Net 30%	1,666,810,546	0.06	0.0021	0.11	0.04	0.0036	0.0014
Increase Net 40%	1,666,998,922	0.07	0.0019	0.13	0.05	0.0031	0.0013
Increase Net 50%	1,667,050,622	0.08	0.0016	0.13	0.05	0.0026	0.0011
No Net Income Screen	1,667,881,795	0.13	n.a.	0.22	0.09	n.a.	n.a.
Maximum Benefit							
Decrease $30	1,472,832,121	-11.58	-0.4136	-19.48	-7.84	-0.6958	-0.2800
Decrease $25	1,506,556,071	-9.56	-0.4155	-16.08	-6.47	-0.6990	-0.2813
Decrease $20	1,536,822,422	-7.74	-0.4300	-13.02	-5.24	-0.7233	-0.2911
Decrease $15	1,570,333,406	-5.73	-0.4406	-9.64	-3.88	-0.7412	-0.2983
Decrease $10	1,602,289,906	-3.81	-0.4762	-6.41	-2.58	-0.8011	-0.3224
Decrease $5	1,634,992,373	-1.85	-0.6155	-3.11	-1.25	-1.0354	-0.4167
Base ($375, US Household 4)	1,665,751,699	0.00	0.0000	0.00	0.00	0.0000	0.0000
Increase $5	1,696,527,236	1.85	0.9238	3.11	1.25	1.5539	0.6254
Increase $10	1,728,457,886	3.76	0.5378	6.33	2.55	0.9046	0.3641
Increase $15	1,759,029,062	5.60	0.4666	9.42	3.79	0.7850	0.3159
Increase $20	1,793,265,917	7.66	0.4503	12.88	5.18	0.7575	0.3049
Increase $25	1,823,861,657	9.49	0.4314	15.97	6.43	0.7257	0.2921
Increase $30	1,855,568,280	11.40	0.4220	19.17	7.72	0.7099	0.2857

n.a. = not applicable

| Parameter Change | Total FSP Benefits (Dollars) | Percentage Impacts | | Average Change in Food Stamps Per: | | Dollar Impacts | |
		Percent Change in Total FSP Benefits	Percent Change in FSP Benefits per Dollar or Percentage Point Parameter Chang	Baselaw Units (Dollars)	Baselaw Participant (Dollars)	Average Change in Food Stamps per Dollar or Percentage Point Change in Parameter Per Baselaw Units (Dollars)	Baselaw Participant (Dollars)
Baselaw: 1994 MATH SIPP Model	1,665,751,699			All FSP Units = 9,902,609	All Participants = 24,603,315		
Minimum Benefit							
$0 for Units Size 1 and 2	1,661,766,070	-0.24	-0.0239	-0.40	-0.16	-0.0402	-0.0162
$10 for Units Size 1 and 2 (Base)	1,665,751,699	0.00	0.0000	0.00	0.00	0.0000	0.0000
$12 for Units Size 1 and 2	1,666,835,512	0.07	0.0325	0.11	0.04	0.0547	0.0220
$14 for Units Size 1 and 2	1,668,067,936	0.14	0.0348	0.23	0.09	0.0585	0.0235
$16 for Units Size 1 and 2	1,669,508,733	0.23	0.0376	0.38	0.15	0.0632	0.0255
$18 for Units Size 1 and 2	1,671,068,423	0.32	0.0399	0.54	0.22	0.0671	0.0270
$20 for Units Size 1 and 2	1,672,770,308	0.42	0.0421	0.71	0.29	0.0709	0.0285
$30 for Units Size 1 and 2	1,683,529,902	1.07	0.0534	1.80	0.72	0.0898	0.0361
$40 for Units Size 1 and 2	1,697,208,252	1.89	0.0629	3.18	1.28	0.1059	0.0426
$50 for Units Size 1 and 2	1,713,808,713	2.89	0.0721	4.85	1.95	0.1213	0.0488
$10 for All Units	1,666,101,856	0.02	n.a.	0.04	0.01	n.a.	n.a.
Benefits Reduction Rate (BRR)							
BRR = 0.00	2,519,995,974	51.28	1.7094	86.26	34.72	2.8755	1.1574
BRR = 0.10	2,204,440,438	32.34	1.6170	54.40	21.89	2.7199	1.0947
BRR = 0.20	1,918,391,425	15.17	1.5167	25.51	10.27	2.5512	1.0269
BRR = 0.22	1,865,287,619	11.98	1.4973	20.15	8.11	2.5187	1.0138
BRR = 0.24	1,812,715,177	8.82	1.4704	14.84	5.97	2.4735	0.9956
BRR = 0.26	1,761,775,008	5.76	1.4411	9.70	3.90	2.4242	0.9757
BRR = 0.28	1,713,426,717	2.86	1.4310	4.81	1.94	2.4072	0.9689
BRR = 0.30 (Base)	1,665,751,699	0.00	0.0000	0.00	0.00	0.0000	0.0000
BRR = 0.32	1,620,708,080	-2.70	-1.3521	-4.55	-1.83	-2.2743	-0.9154
BRR = 0.34	1,577,771,172	-5.28	-1.3204	-8.88	-3.58	-2.2211	-0.8940
BRR = 0.36	1,537,554,847	-7.70	-1.2827	-12.95	-5.21	-2.1576	-0.8684
BRR = 0.38	1,500,418,060	-9.93	-1.2407	-16.70	-6.72	-2.0870	-0.8400
BRR = 0.40	1,464,456,240	-12.08	-1.2084	-20.33	-8.18	-2.0328	-0.8182
BRR = 0.50	1,312,554,924	-21.20	-1.0602	-35.67	-14.36	-1.7834	-0.7178
Standard Deduction							
Baselaw	1,665,751,699	0.00	0.0000	0.00	0.00	0.0000	0.0000
Increase $10	1,690,998,897	1.52	0.1516	2.55	1.03	0.2550	0.1026
Increase $15	1,704,051,106	2.30	0.1533	3.87	1.56	0.2578	0.1038
Increase $20	1,716,064,687	3.02	0.1510	5.08	2.04	0.2540	0.1022
Increase $25	1,729,238,596	3.81	0.1525	6.41	2.58	0.2564	0.1032
Increase $30	1,740,906,492	4.51	0.1504	7.59	3.05	0.2530	0.1018
Increase $40	1,765,742,448	6.00	0.1501	10.10	4.06	0.2524	0.1016
Increase $50	1,789,867,724	7.45	0.1490	12.53	5.04	0.2507	0.1009
Decrease $10	1,640,292,051	-1.53	-0.1528	-2.57	-1.03	-0.2571	-0.1035
Decrease $15	1,627,876,946	-2.27	-0.1516	-3.82	-1.54	-0.2550	-0.1026
Decrease $20	1,614,569,561	-3.07	-0.1536	-5.17	-2.08	-0.2584	-0.1040
Decrease $25	1,601,670,501	-3.85	-0.1539	-6.47	-2.60	-0.2588	-0.1042
Decrease $30	1,588,380,067	-4.64	-0.1548	-7.81	-3.14	-0.2604	-0.1048
Decrease $40	1,562,763,679	-6.18	-0.1546	-10.40	-4.19	-0.2600	-0.1046
Decrease $50	1,538,151,764	-7.66	-0.1532	-12.89	-5.19	-0.2577	-0.1037
No Standard Deduction	1,336,714,020	-19.75	n.a.	-33.23	-13.37	n.a.	n.a.

n.a. = not applicable

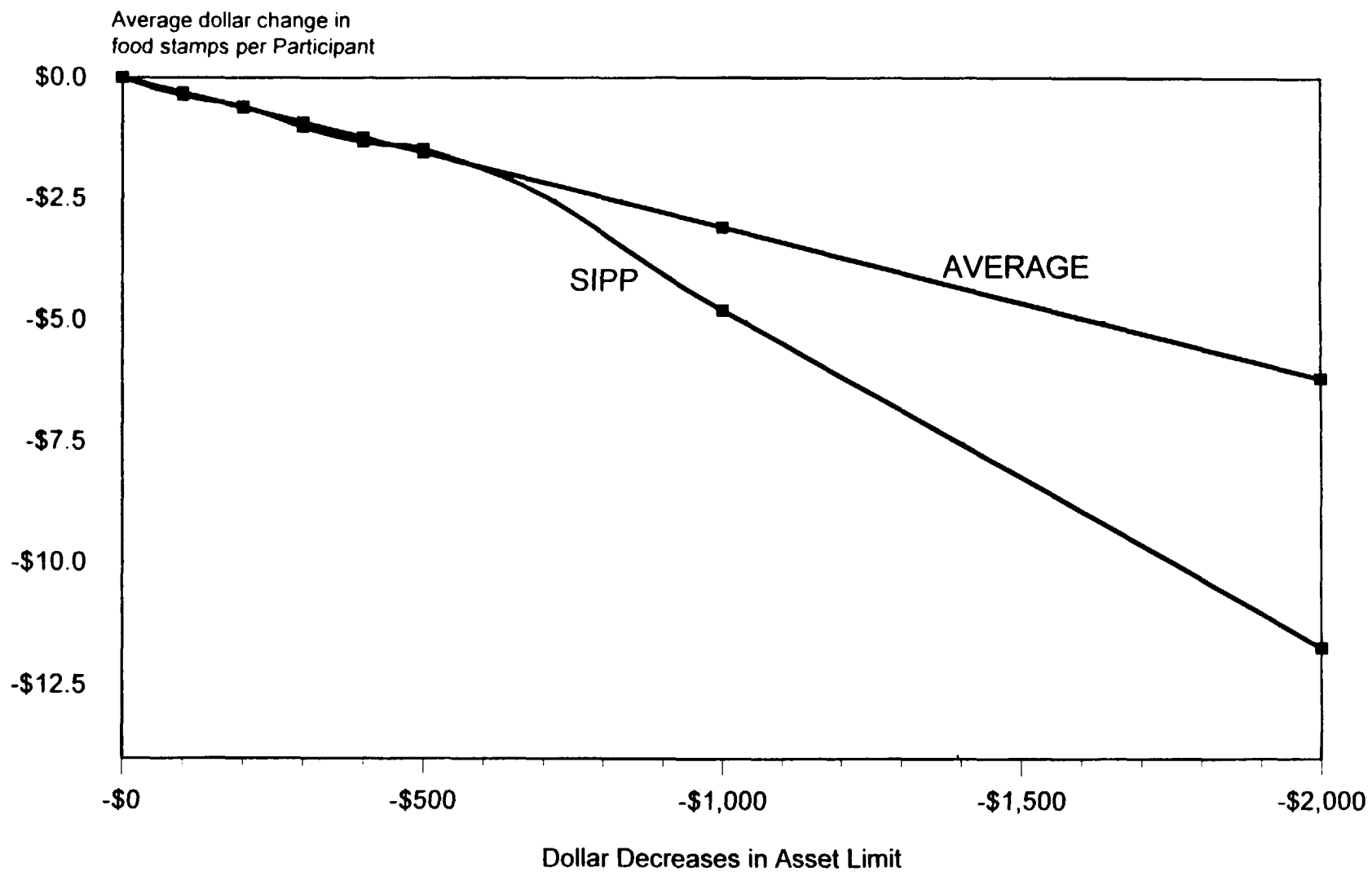|		Percentage Impacts		Dollar Impacts			
				Average Change in Food Stamps Per:		Average Change in Food Stamps per Dollar or Percentage Point Change in Parameter Per:	
Parameter Change	Total FSP Benefits (Dollars)	Percent Change in Total FSP Benefits	Percent Change in FSP Benefits per Dollar or Percentage Point Parameter Chang	Baselaw Units (Dollars)	Baselaw Participant (Dollars)	Baselaw Units (Dollars)	Baselaw Participant (Dollars)
Baselaw: 1994 MATH SIPP Model	1.665.751.699			All FSP Units = 9.902.609	All Participants = 24.603.315		
Earnings Deduction							
No Earnings Deduction	1,577.898,582	-5.27	-0.2637	-8.87	-3.57	-0.4436	-0.1785
10% of Earnings	1,621.098,345	-2.68	-0.2681	-4.51	-1.81	-0.4509	-0.1815
12% of Earnings	1,629,730,464	-2.16	-0.2703	-3.64	-1.46	-0.4547	-0.1830
14% of Earnings	1,638.928,945	-1.61	-0.2684	-2.71	-1.09	-0.4514	-0.1817
16% of Earnings	1,647.689,164	-1.08	-0.2711	-1.82	-0.73	-0.4560	-0.1835
18% of Earnings	1,656.580.491	-0.55	-0.2753	-0.93	-0.37	-0.4631	-0.1864
20% of Earnings (Baselaw)	1,665.751.699	0.00	0.0000	0.00	0.00	0.0000	0.0000
22% of Earnings	1,674.525,446	0.53	0.2634	0.89	0.36	0.4430	0.1783
24% of Earnings	1,683.300,469	1.05	0.2634	1.77	0.71	0.4430	0.1783
26% of Earnings	1,692,233,778	1.59	0.2650	2.67	1.08	0.4457	0.1794
28% of Earnings	1,701.178,578	2.13	0.2658	3.58	1.44	0.4472	0.1800
30% of Earnings	1,710.955,801	2.71	0.2714	4.56	1.84	0.4565	0.1837
40% of Earnings	1,759.148,380	5.61	0.2803	9.43	3.80	0.4716	0.1898
50% of Earnings	1,808.233.756	8.55	0.2851	14.39	5.79	0.4796	0.1930
60% of Earnings	1,851.388.414	11.14	0.2786	18.75	7.55	0.4687	0.1886
70% of Earnings	1,890.500.927	13.49	0.2698	22.70	9.13	0.4539	0.1827
80% of Earnings	1,923.107.638	15.45	0.2575	25.99	10.46	0.4331	0.1743
90% of Earnings	1,942.856.409	16.64	0.2376	27.98	11.26	0.3998	0.1609
100% of Earnings	1,956.465.703	17.45	0.2182	29.36	11.82	0.3670	0.1477
Medical Deduction Threshold							
Deduct All Medical Expenses	1,674.588,050	0.53	n.a.	0.89	0.36	n.a.	n.a.
Deduct Expenses Over $25	1,667.491,350	0.10	0.0104	0.18	0.07	0.0176	0.0071
Deduct Expenses Over $27	1,667.136,732	0.08	0.0104	0.14	0.06	0.0175	0.0070
Deduct Expenses Over $29	1,666.765,273	0.06	0.0101	0.10	0.04	0.0171	0.0069
Deduct Expenses Over $31	1,666.411,521	0.04	0.0099	0.07	0.03	0.0167	0.0067
Deduct Expenses Over $33	1,666.097,957	0.02	0.0104	0.03	0.01	0.0175	0.0070
Deduct Expenses Over $35 (Base)	1,665.751,699	0.00	0.0000	0.00	0.00	0.0000	0.0000
Deduct Expenses Over $37	1,665.442,948	-0.02	-0.0093	-0.03	-0.01	-0.0156	-0.0063
Deduct Expenses Over $39	1,665.145,080	-0.04	-0.0091	-0.06	-0.02	-0.0153	-0.0062
Deduct Expenses Over $41	1,664.832,972	-0.06	-0.0092	-0.09	-0.04	-0.0155	-0.0062
Deduct Expenses Over $43	1,664.539,310	-0.07	-0.0091	-0.12	-0.05	-0.0153	-0.0062
Deduct Expenses Over $45	1,664.223,103	-0.09	-0.0092	-0.15	-0.06	-0.0154	-0.0062
Deduct Expenses Over $50	1,663.534,766	-0.13	-0.0089	-0.22	-0.09	-0.0149	-0.0060
Deduct Expenses Over $75	1,660.978,010	-0.29	-0.0072	-0.48	-0.19	-0.0121	-0.0049
Deduct Expenses Over $100	1,659.157,269	-0.40	-0.0061	-0.67	-0.27	-0.0102	-0.0041
Deduct Expenses Over $125	1,657.804,874	-0.48	-0.0053	-0.80	-0.32	-0.0089	-0.0036
Deduct Expenses Over $150	1,656.795,981	-0.54	-0.0047	-0.90	-0.36	-0.0079	-0.0032
No Medical Deduction	1,650.778,350	-0.90	n.a.	-1.51	-0.61	n.a.	n.a.
Dependent Care Deduction Cap							
No Dependent Care Deduction	1,651.861,280	-0.83	n.a.	-1.40	-0.56	n.a.	n.a.
Decrease Cap $50 ($110)	1,665.129,053	-0.04	-0.0005	-0.06	-0.03	-0.0008	-0.0003
Decrease Cap $30 ($130)	1,665.492,357	-0.02	-0.0003	-0.03	-0.01	-0.0005	-0.0002
Decrease Cap $20 ($140)	1,665.582,260	-0.01	-0.0005	-0.02	-0.01	-0.0009	-0.0003
Decrease Cap $15 ($145)	1,665.625,276	-0.01	-0.0005	-0.01	-0.01	-0.0009	-0.0003
Decrease Cap $10 ($150)	1,665.671,085	-0.00	-0.0005	-0.01	-0.00	-0.0008	-0.0003
Decrease Cap $5 ($155)	1,665.710,447	-0.00	-0.0005	-0.00	-0.00	-0.0008	-0.0003
Baselaw ($160 per dependent)	1,665.751,699	0.00	0.0000	0.00	0.00	0.0000	0.0000
Increase Cap $5 ($165)	1,665.775,918	0.00	0.0003	0.00	0.00	0.0005	0.0002
Increase Cap $10 ($170)	1,665.803,149	0.00	0.0003	0.01	0.00	0.0005	0.0002
Increase Cap $15 ($175)	1,665.826,803	0.00	0.0003	0.01	0.00	0.0005	0.0002
Increase Cap $20 ($180)	1,665.852,644	0.01	0.0003	0.01	0.00	0.0005	0.0002
Increase Cap $30 ($190)	1,665.896,407	0.01	0.0002	0.01	0.01	0.0003	0.0001
Increase Cap $50 ($210)	1,665.959,876	0.01	0.0002	0.02	0.01	0.0003	0.0001
No Dependent Care Cap	1,666.141,777	0.02	n.a.	0.04	0.02	n.a.	n.a.

n.a. = not applicable

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		Percentage Impacts		Dollar Impacts			
				Average Change in Food Stamps Per		Average Change in Food Stamps per Dollar or Percentage Point Change in Parameter Per	
Parameter Change	Total FSP Benefits (Dollars)	Percent Change in Total FSP Benefits	Percent Change in FSP Benefits per Dollar or Percentage Point Parameter Chang	Baselaw Units (Dollars)	Baselaw Participant (Dollars)	Baselaw Units (Dollars)	Baselaw Participant (Dollars)
				All FSP Units = 9.902.609	All Participants = 24.603.315		
Baselaw: 1994 MATH SIPP Model	1.665.751.699						
Shelter Deduction Cap							
Decrease Cap $30	1,645.802.030	-1.20	-0.0399	-2.01	-0.81	-0.0672	-0.0270
Decrease Cap $25	1,649.569.782	-0.97	-0.0389	-1.63	-0.66	-0.0654	-0.0263
Decrease Cap $20	1,653.086.403	-0.76	-0.0380	-1.28	-0.51	-0.0639	-0.0257
Decrease Cap $15	1,656.539.695	-0.55	-0.0369	-0.93	-0.37	-0.0620	-0.0250
Decrease Cap $10	1,659.569.003	-0.37	-0.0371	-0.62	-0.25	-0.0624	-0.0251
Decrease Cap $5	1,662.988.232	-0.17	-0.0332	-0.28	-0.11	-0.0558	-0.0225
Baselaw ($207)	1,665.751.699	0.00	0.0000	0.00	0.00	0.0000	0.0000
Increase Cap $5	1,668.833.779	0.19	0.0370	0.31	0.13	0.0622	0.0251
Increase Cap $10	1,671.453.761	0.34	0.0342	0.58	0.23	0.0576	0.0232
Increase Cap $15	1,676.818.474	0.66	0.0443	1.12	0.45	0.0745	0.0300
Increase Cap $20	1,679.591.291	0.83	0.0415	1.40	0.56	0.0699	0.0281
Increase Cap $25	1,681.938.015	0.97	0.0389	1.63	0.66	0.0654	0.0263
Increase Cap $30	1,691.219.587	1.53	0.0510	2.57	1.04	0.0857	0.0345
No Shelter Deduction Cap	1.741.301.634	4.54	n.a.	7.63	3.07	n.a.	n.a.
Shelter Deduction Threshold							
Deduct Expenses > X% of Net Income							
X=0	1,915.033.011	14.97	0.2993	25.17	10.13	0.5035	0.2026
X=10	1,866.322.996	12.04	0.3010	20.25	8.15	0.5064	0.2038
X=20	1,814.203.679	8.91	0.2971	14.99	6.03	0.4997	0.2011
X=30	1,762.738.242	5.82	0.2911	9.79	3.94	0.4897	0.1971
X=40	1,711.472.273	2.74	0.2745	4.62	1.86	0.4617	0.1858
X=42	1,701.849.546	2.17	0.2709	3.65	1.47	0.4557	0.1834
X=44	1,692.590.898	1.61	0.2685	2.71	1.09	0.4517	0.1818
X=46	1,683.556.805	1.07	0.2672	1.80	0.72	0.4495	0.1809
X=48	1,674.935.909	0.55	0.2757	0.93	0.37	0.4637	0.1866
X=50 (Base)	1.665.751.699	0.00	0.0000	0.00	0.00	0.0000	0.0000
X=52	1,657.651.865	-0.49	-0.2431	-0.82	-0.33	-0.4090	-0.1646
X=54	1,649.267.283	-0.99	-0.2474	-1.66	-0.67	-0.4162	-0.1675
X=56	1,641.281.474	-1.47	-0.2448	-2.47	-0.99	-0.4118	-0.1658
X=58	1,633.482.330	-1.94	-0.2422	-3.26	-1.31	-0.4073	-0.1639
X=60	1,626.106.210	-2.38	-0.2380	-4.00	-1.61	-0.4004	-0.1611
X=70	1,591.681.224	-4.45	-0.2223	-7.48	-3.01	-0.3740	-0.1505
X=80	1,561.916.517	-6.23	-0.2078	-10.49	-4.22	-0.3495	-0.1407
X=90	1,534.719.404	-7.87	-0.1967	-13.23	-5.33	-0.3308	-0.1331
X=100	1,511.772.715	-9.24	-0.1849	-15.55	-6.26	-0.3110	-0.1252

n.a. = not applicable

FIGURE D.1
ASSET LIMIT (Decrease)
SIPP vs AVERAGE*

Average dollar change in
food stamps per Participant

$0.0

-$2.5

SIPP   AVERAGE

-$5.0

-$7.5

-$10.0

-$12.5

-$0   -$500   -$1,000   -$1,500   -$2,000
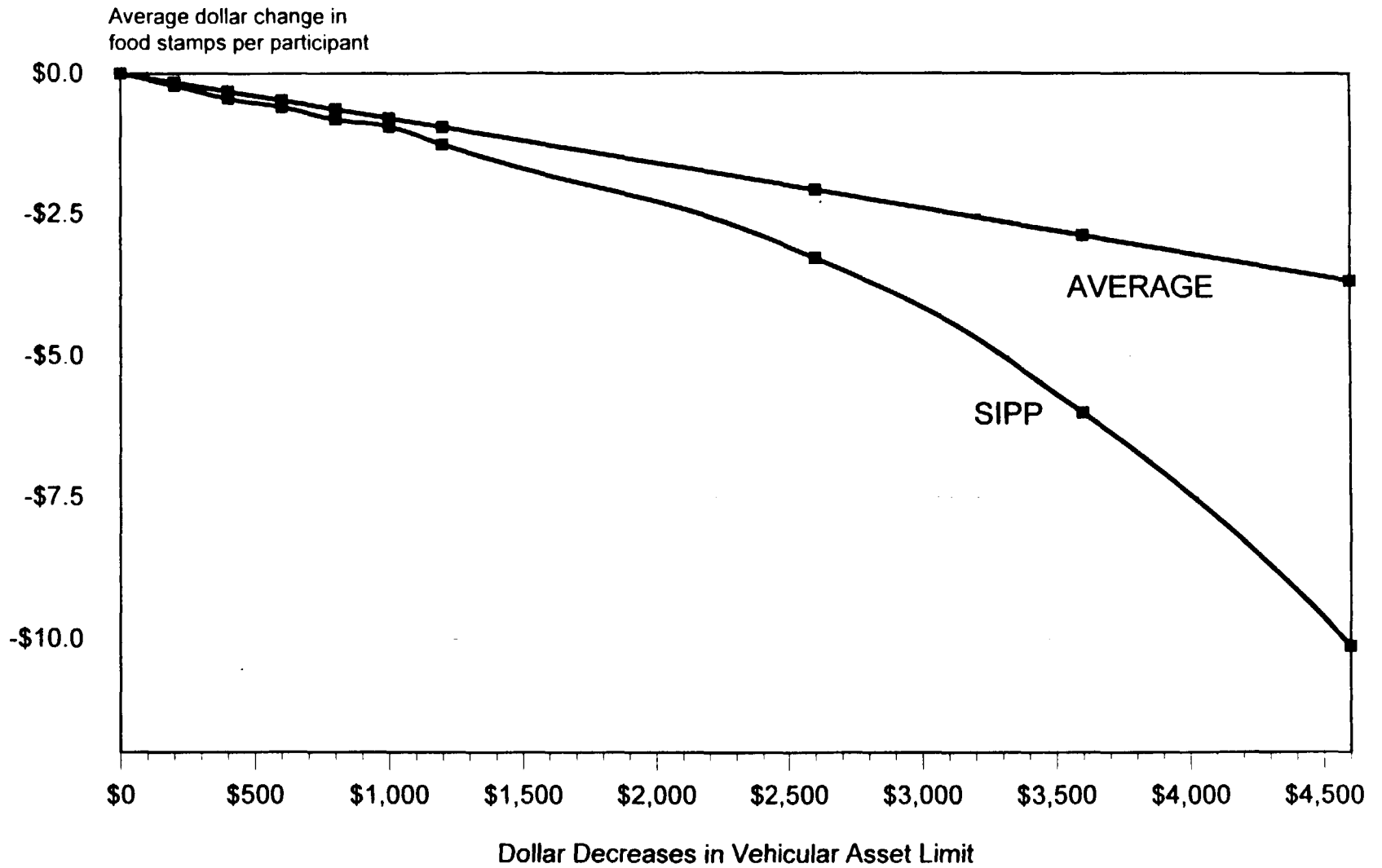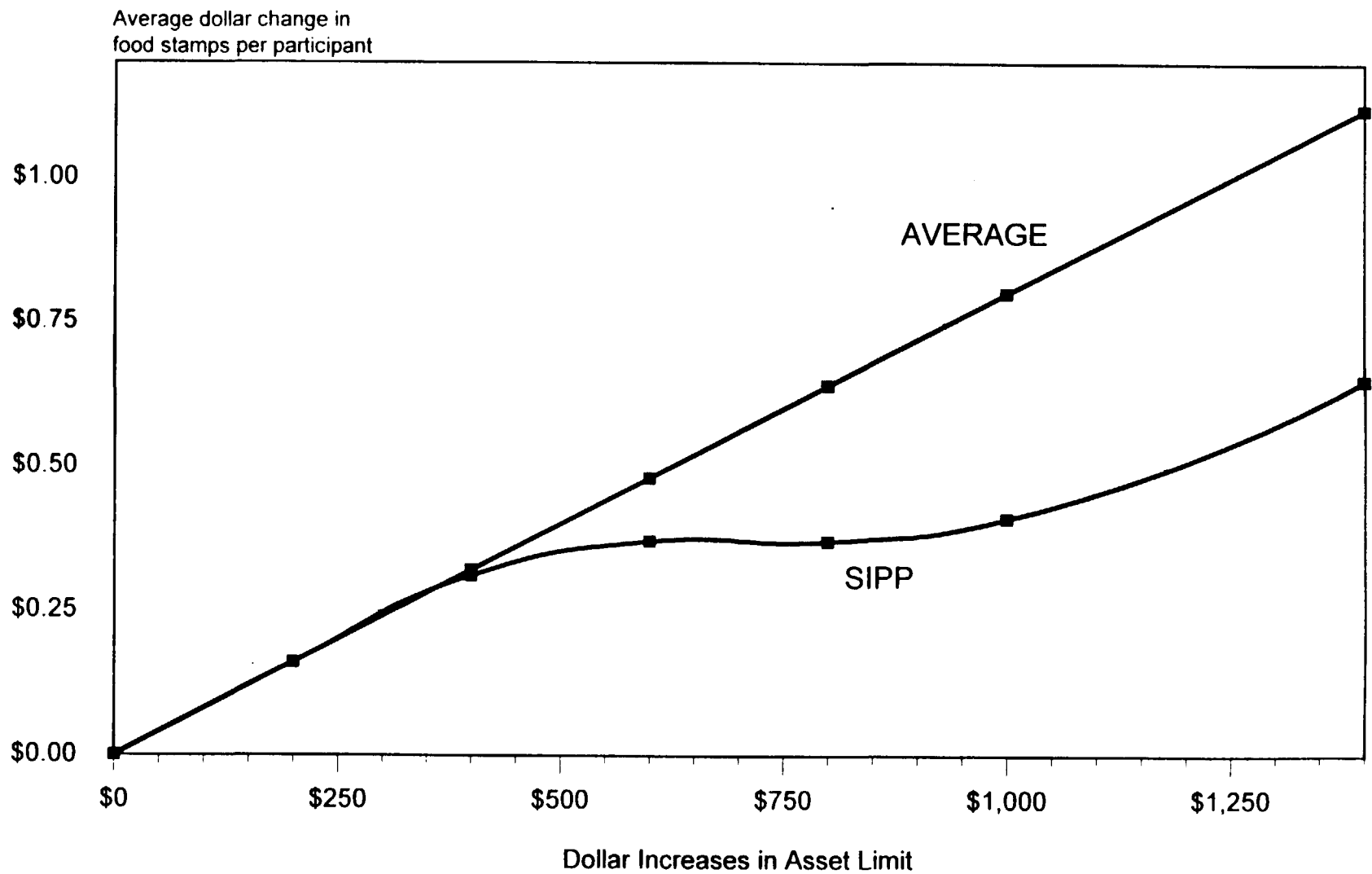
Dollar Decreases in Asset Limit

* Average represents estimates generated by using the Average Rules of Thumb

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FIGURE D.2
ASSET LIMIT (Increase)
SIPP vs. AVERAGE*

Average dollar change in
food stamps per participant

AVERAGE

SIPP

$5.0

$2.5

$0.0

$0 $500 $1,000 $1,500 $2,000

Dollar Increases in Asset Limit
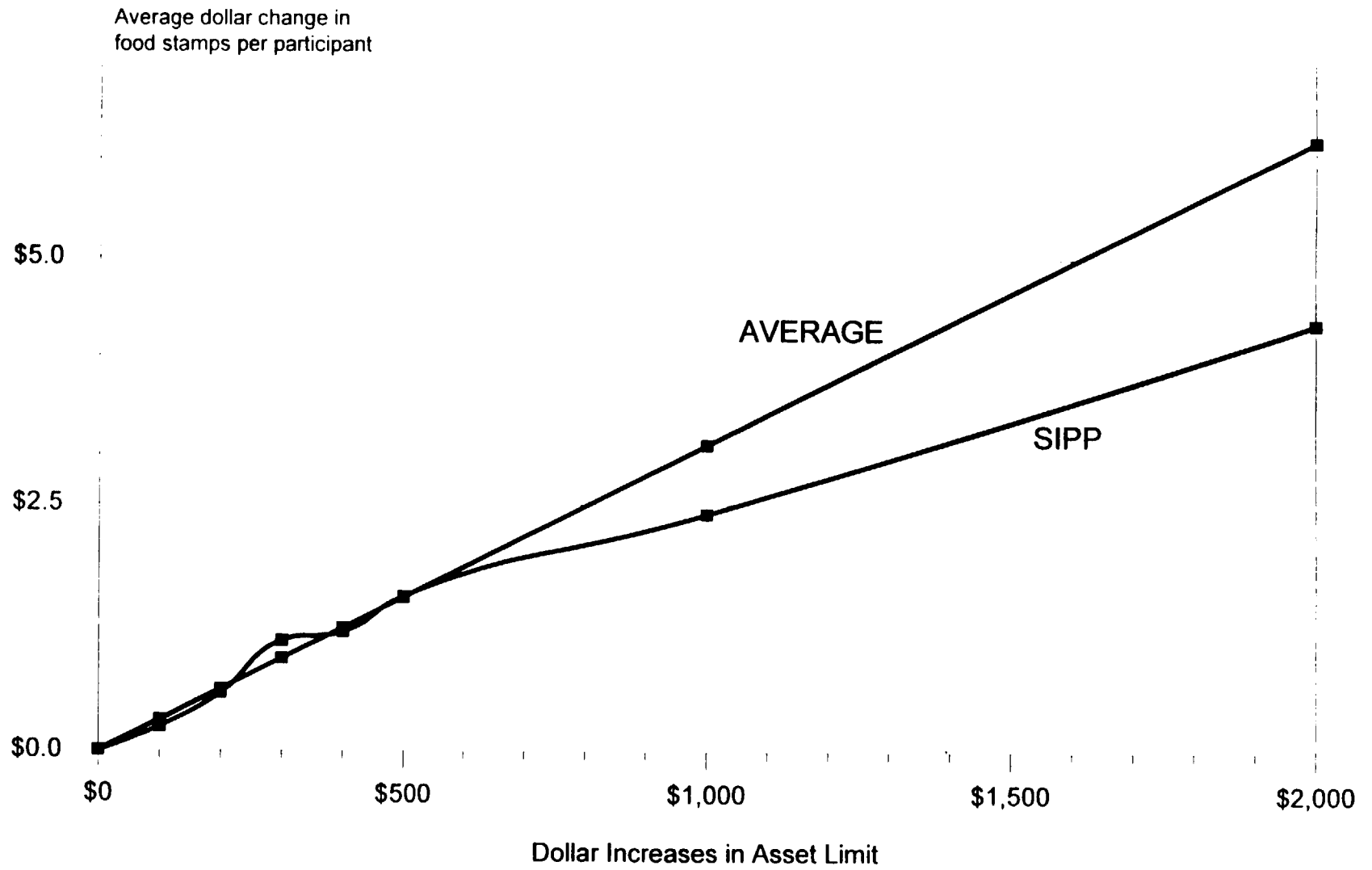
* Average represents estimates generated by using the Average Rules of Thumb

FIGURE D.3
VEHICULAR ASSET LIMIT (Decrease)
SIPP vs. AVERAGE*

Average dollar change in food stamps per participant

Dollar Decreases in Vehicular Asset Limit

* Average represents estimates generated by using the Average Rules of Thumb

FIGURE D.4
VEHICULAR ASSET LIMIT (Increase)
SIPP vs. AVERAGE*

Average dollar change in food stamps per participant

AVERAGE

SIPP

Dollar Increases in Asset Limit

* Average represents estimates generated by using the Average Rules of Thumb

FIGURE D.5

NET INCOME SCREEN (Decrease)
SIPP vs. AVERAGE*
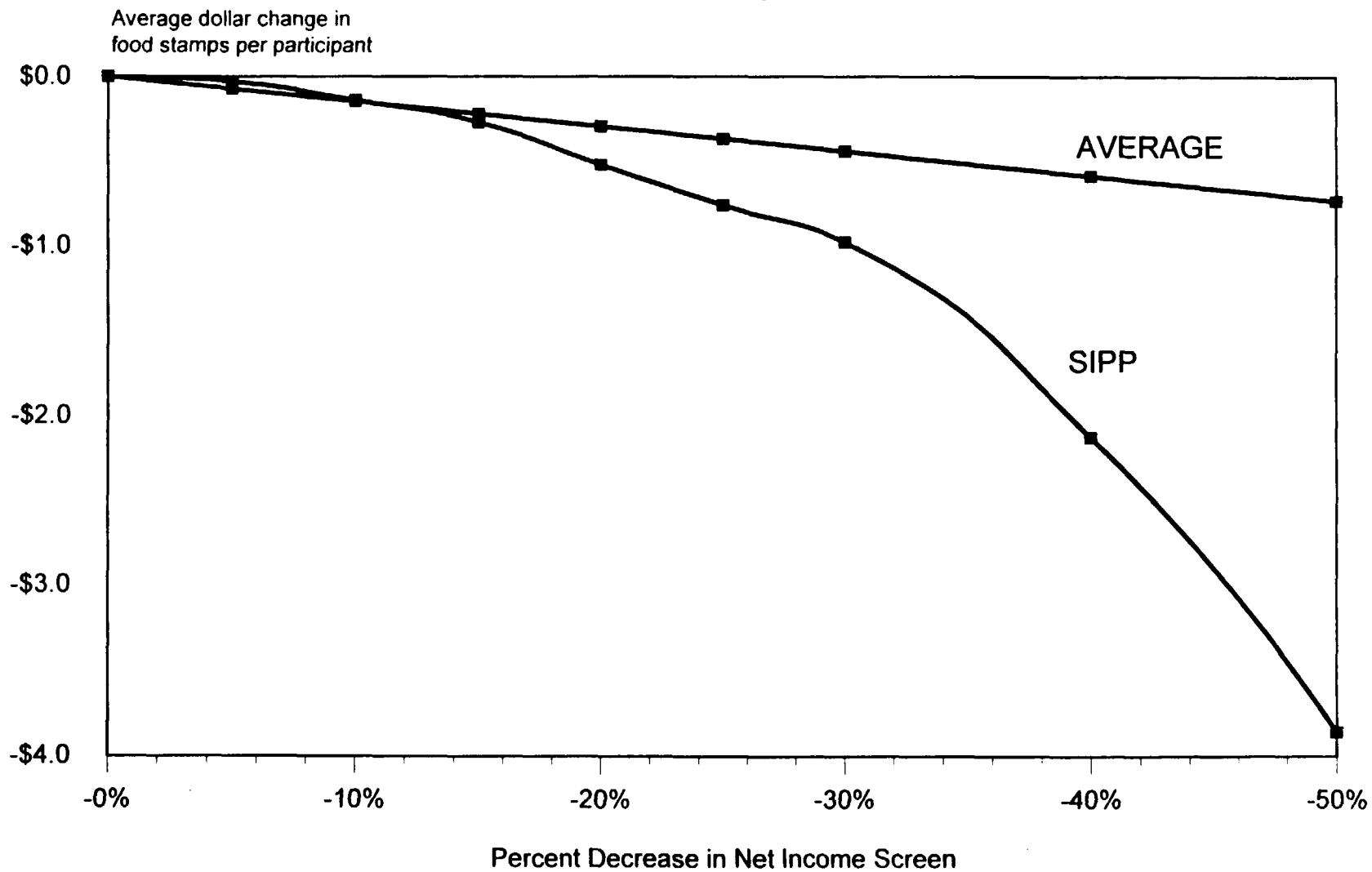
Average dollar change in
food stamps per participant

$0.0

-$1.0

-$2.0

-$3.0

-$4.0

AVERAGE

SIPP

-0%   -10%   -20%   -30%   -40%   -50%

Percent Decrease in Net Income Screen

* Average represents estimates generated by using the Average Rules of Thumb

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FIGURE D.6

NET INCOME SCREEN (Increase)
SIPP vs. AVERAGE*

Average dollar change in
food stamps per participant

Percent Increase in Net Income Screen
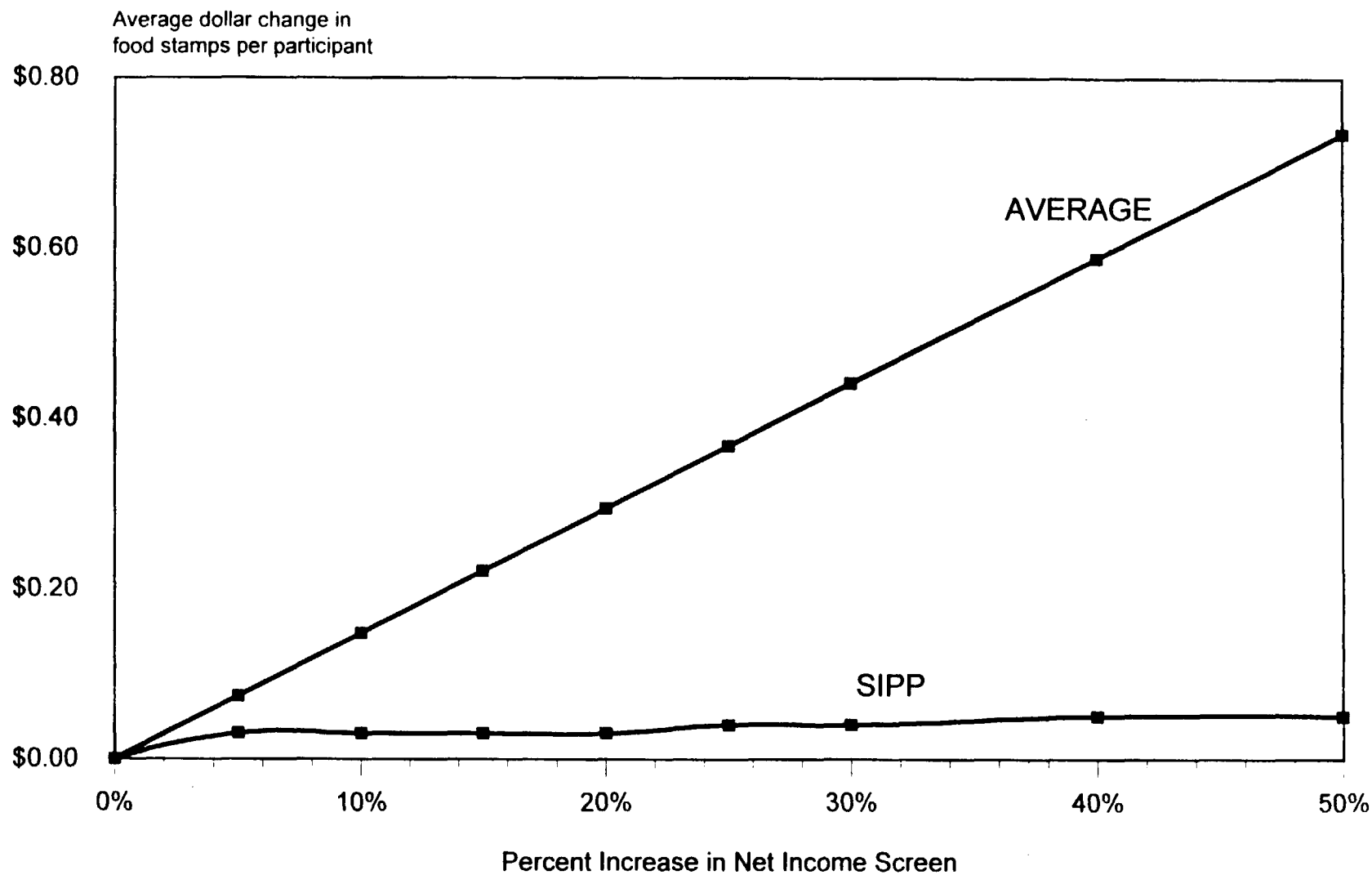
* Average represents estimates generated by using the Average Rules of Thumb
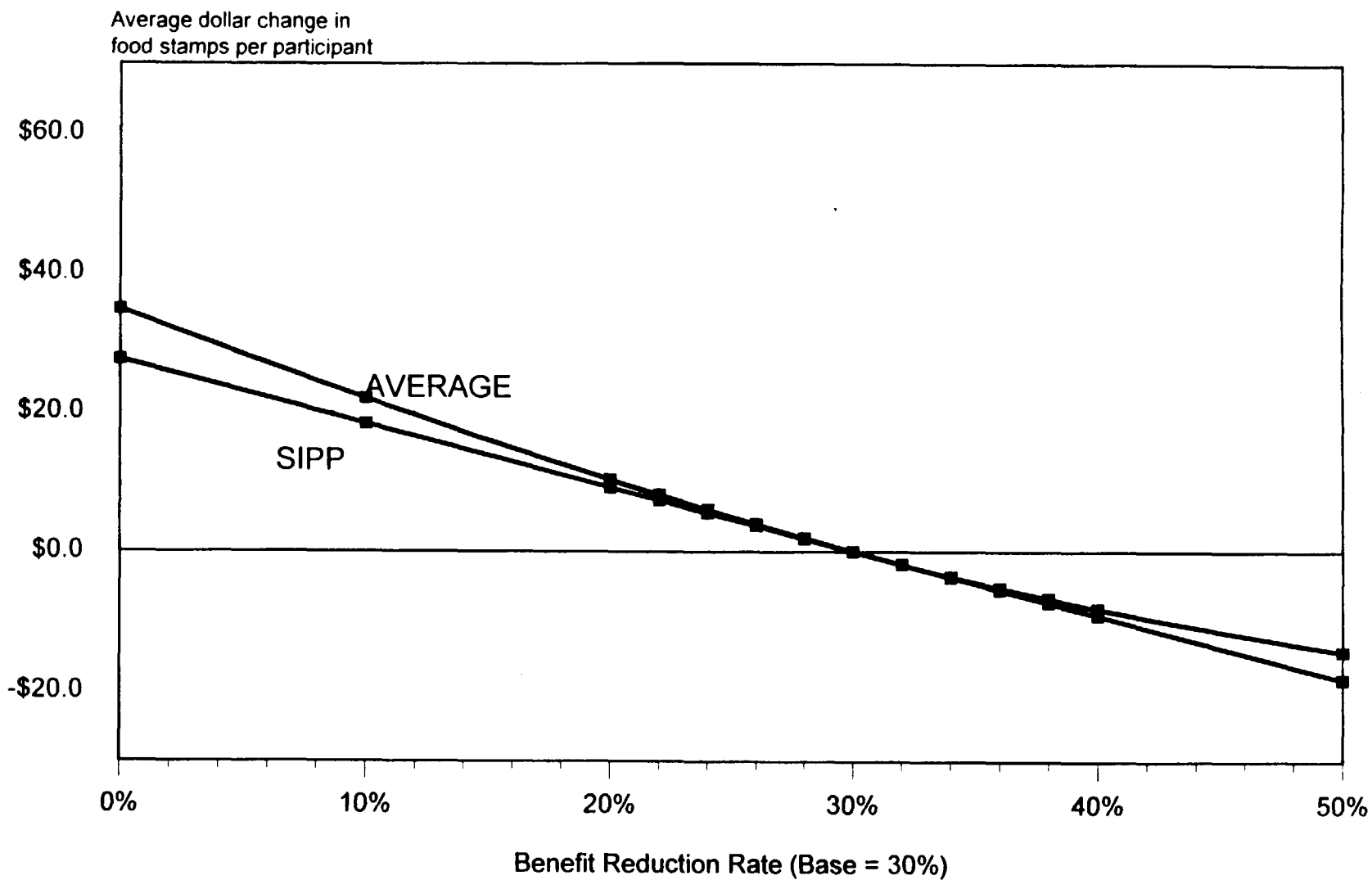
FIGURE D.7
MAXIMUM BENEFIT
SIPP vs. AVERAGE*

Dollar Change in Maximum Benefit
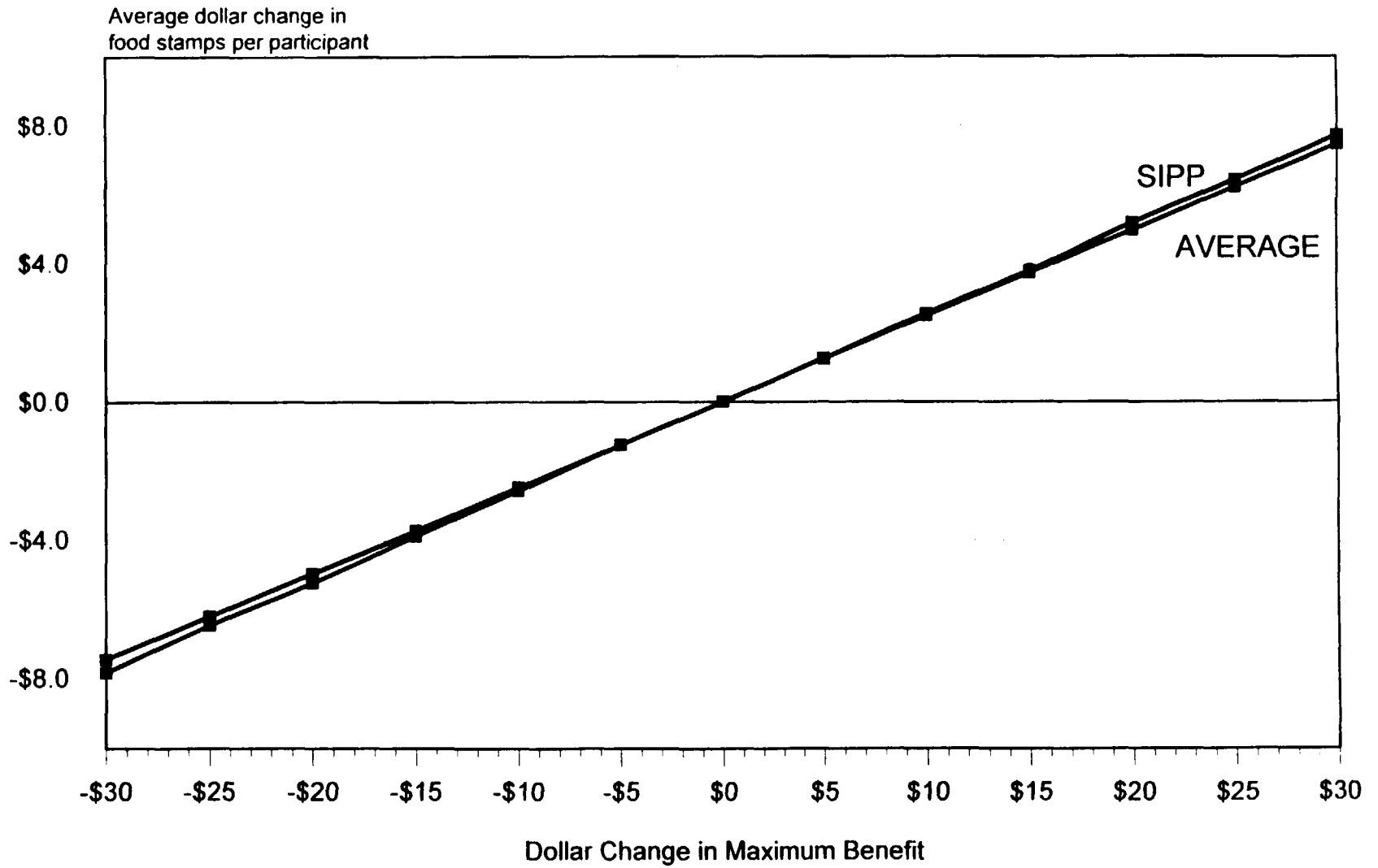
* Average represents estimates generated by using the Average Rules of Thumb

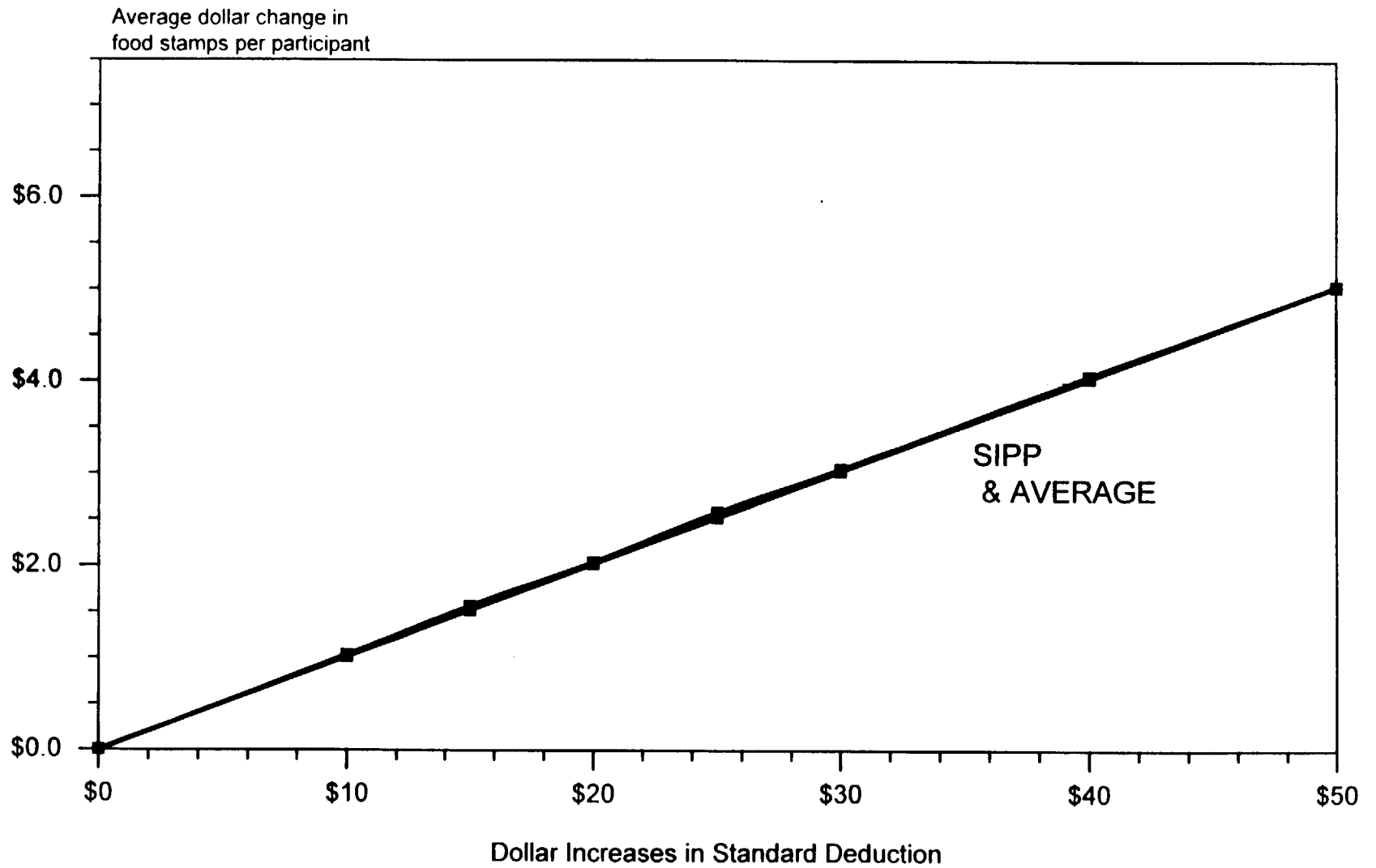# FIGURE D.8

MINIMUM BENEFIT (Increase)
SIPP vs. AVERAGE*

Average dollar change in
food stamps per participant

Value of Minimum Benefit (Base = $10)
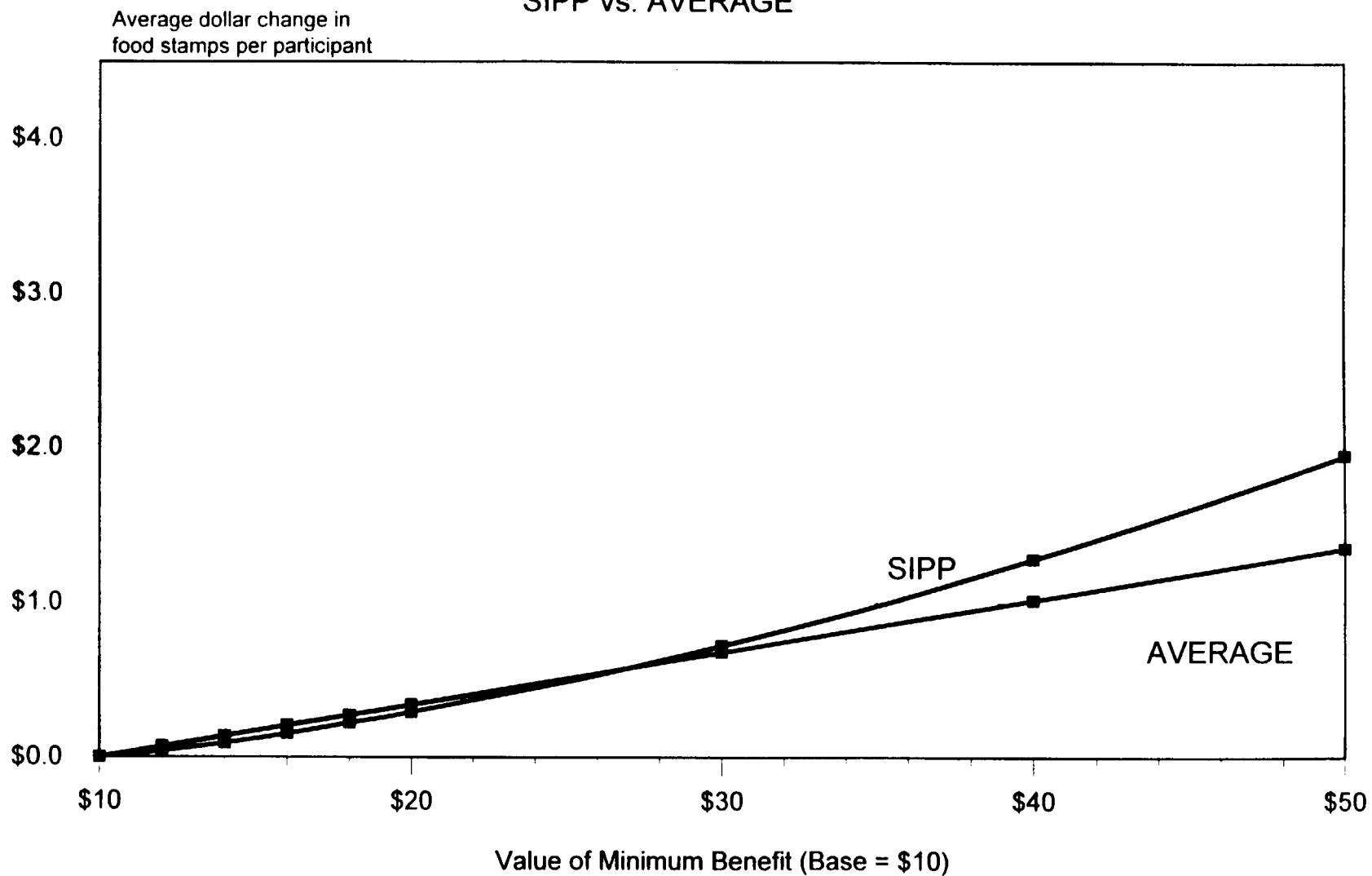
* Average represents estimates generated by using the Average Rules of Thumb

FIGURE D.9
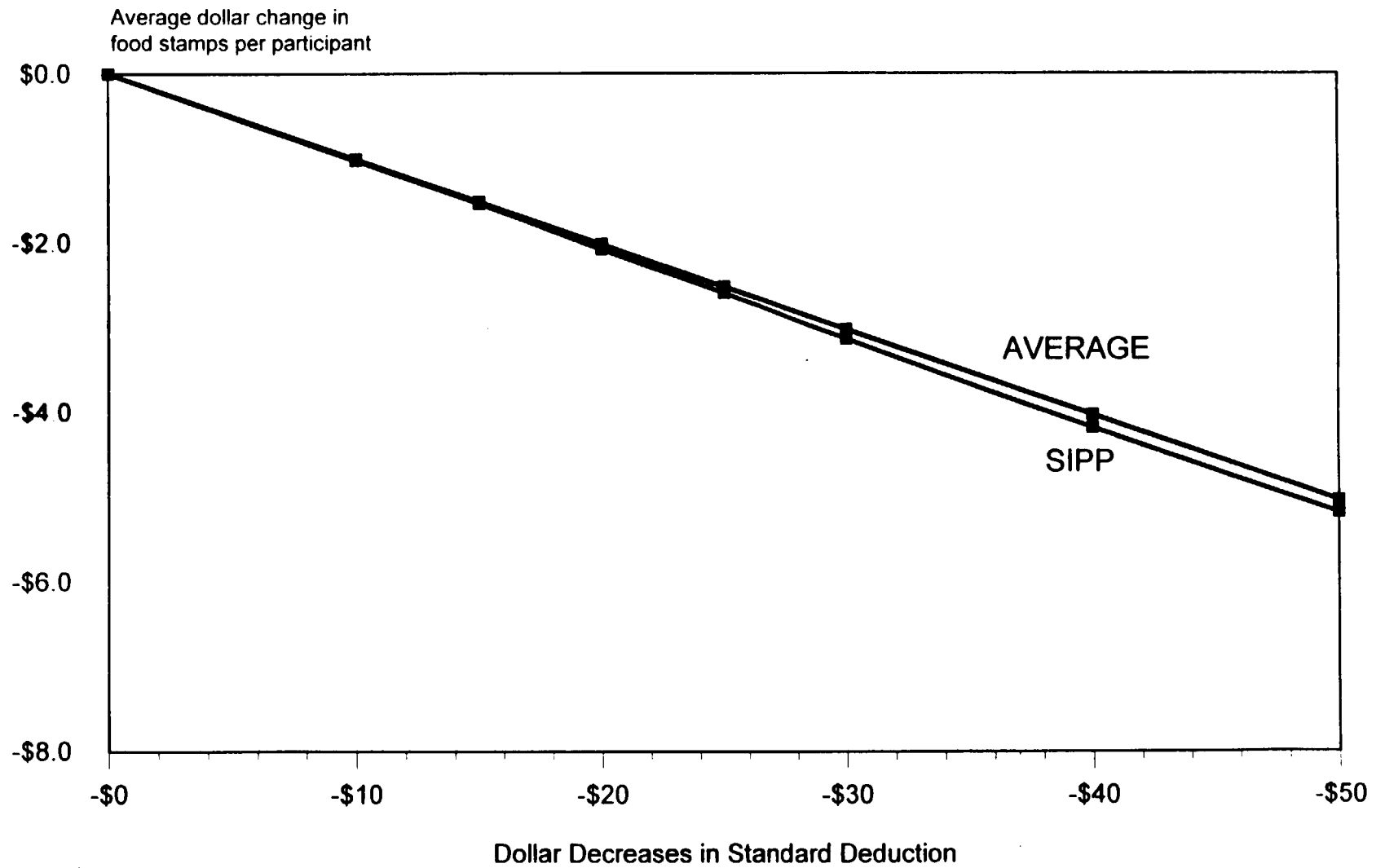## BENEFIT REDUCTION RATE (BRR)
SIPP vs. AVERAGE*

Average dollar change in
food stamps per participant

Benefit Reduction Rate (Base = 30%)

* Average represents estimates generated by using the Average Rules of Thumb

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FIGURE D.10
STANDARD DEDUCTION (Increase)
SIPP vs. AVERAGE*

Average dollar change in
food stamps per participant
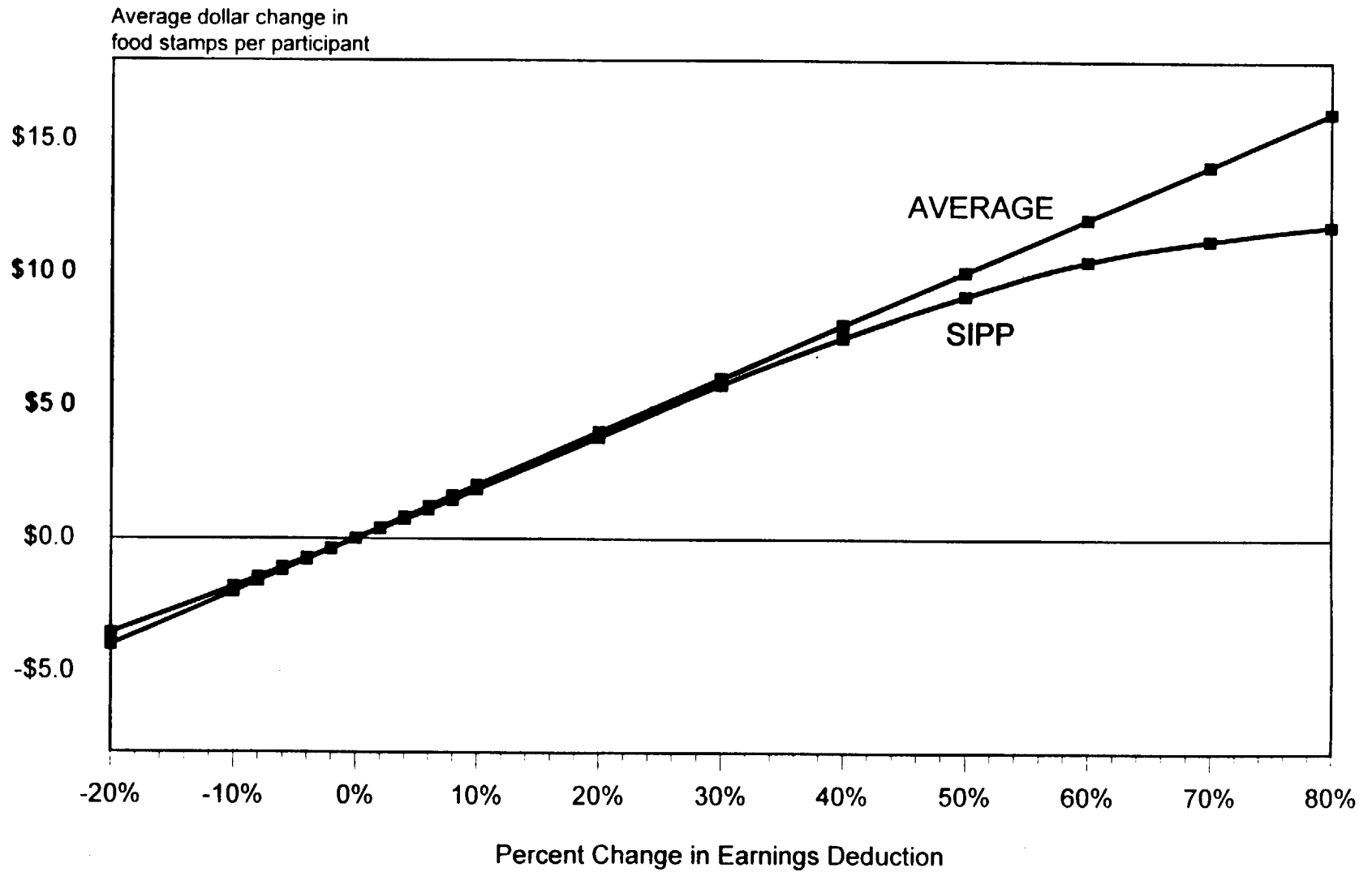
Dollar Increases in Standard Deduction

* Average represents estimates generated by using the Average Rules of Thumb

FIGURE D.11
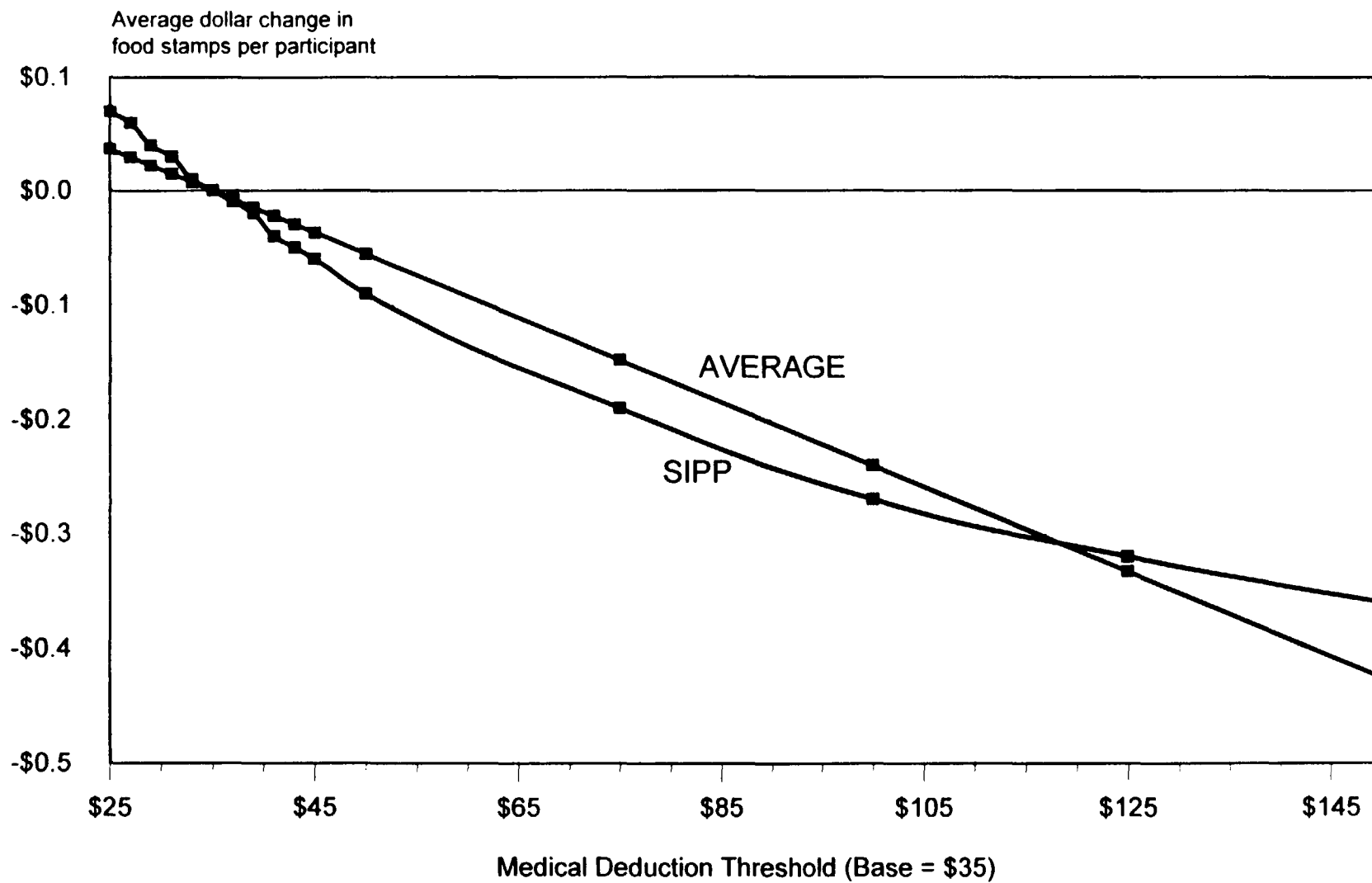## STANDARD DEDUCTION (Decrease)
SIPP vs. AVERAGE*

Average dollar change in
food stamps per participant

AVERAGE

SIPP

Dollar Decreases in Standard Deduction

* Average represents estimates generated by using the Average Rules of Thumb

FIGURE D.12
EARNINGS DEDUCTION
SIPP vs. AVERAGE*

Average dollar change in food stamps per participant

Percent Change in Earnings Deduction

* Average represents estimates generated by using the Average Rules of Thumb

FIGURE D.13
MEDICAL DEDUCTION THRESHOLD
SIPP vs. AVERAGE*

Average dollar change in
food stamps per participant
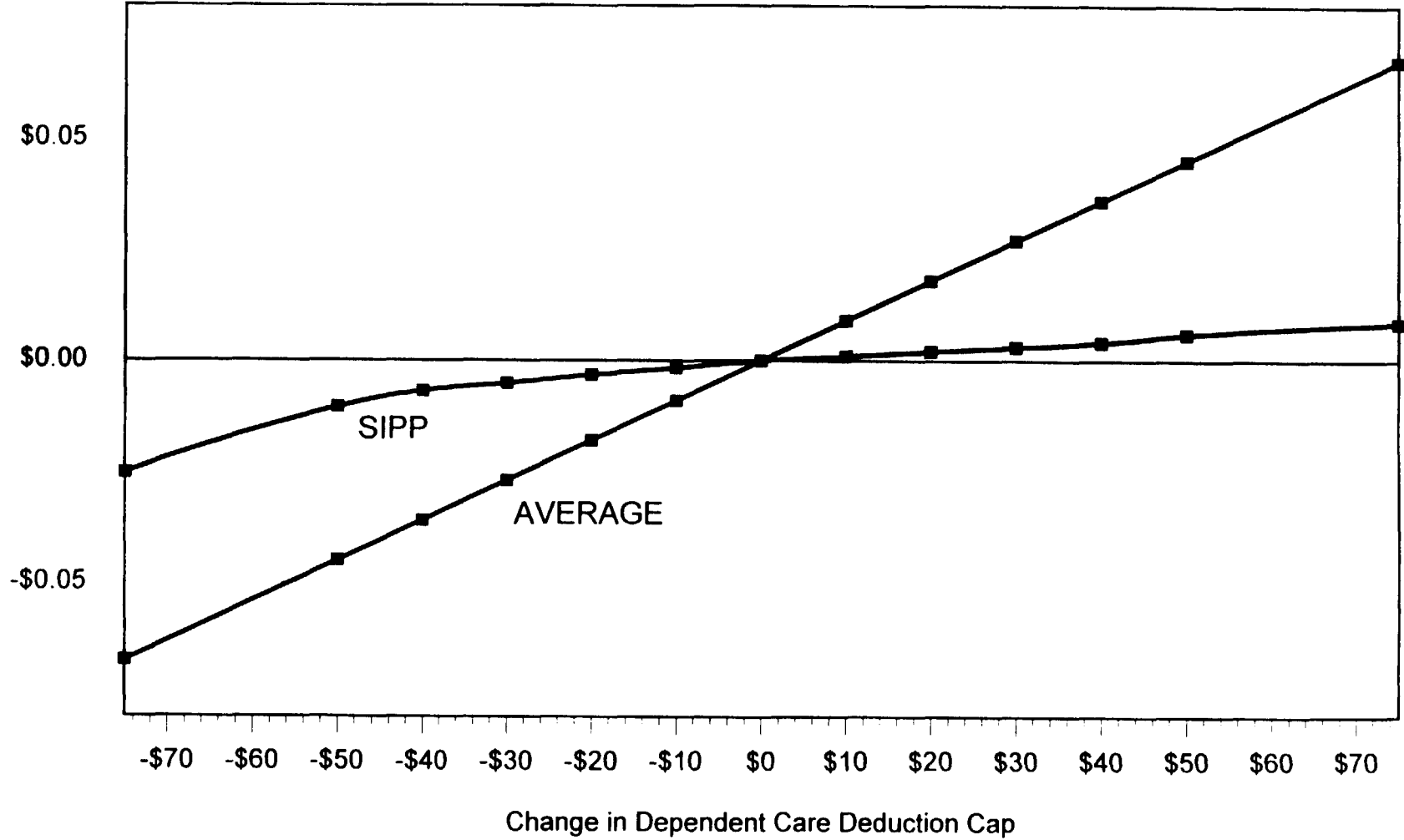
Medical Deduction Threshold (Base = $35)

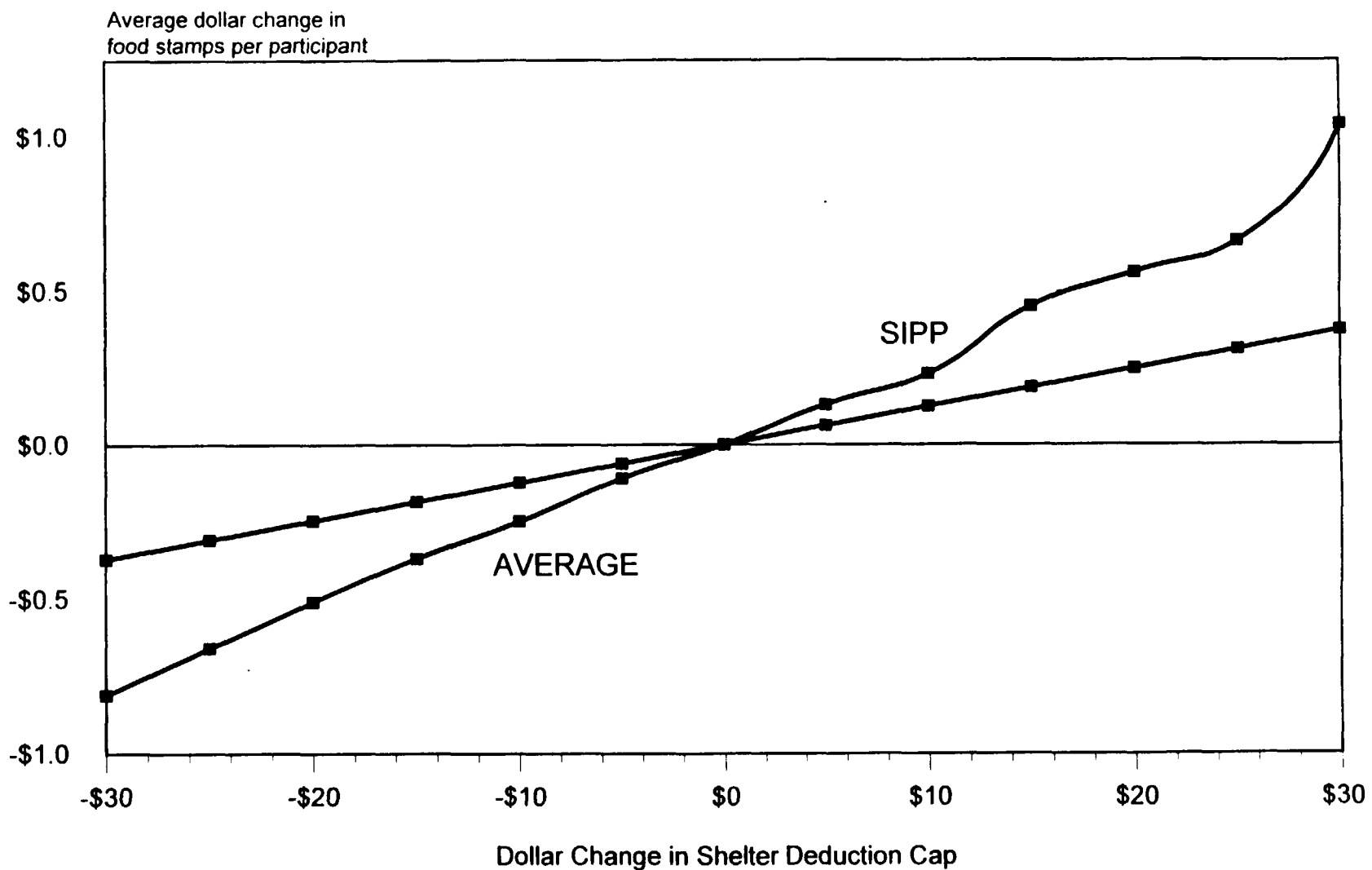* Average represents estimates generated by using the Average Rules of Thumb

FIGURE D.14
DEPENDENT CARE DEDUCTION CAP
SIPP vs. AVERAGE*

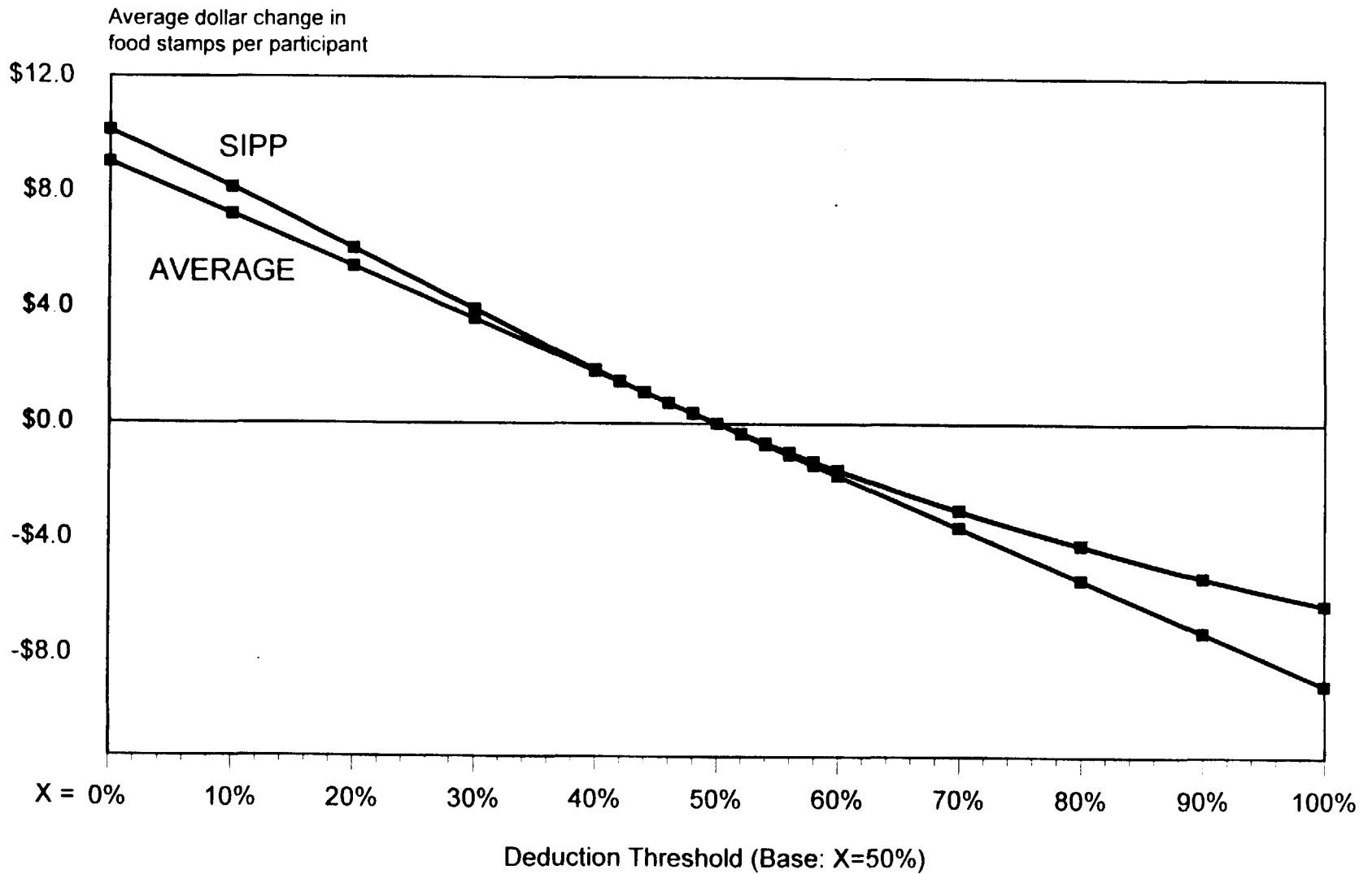Average dollar change in
food stamps per participant

Change in Dependent Care Deduction Cap

* Average represents estimates generated by using the Average Rules of Thumb

FIGURE D.15
SHELTER DEDUCTION CAP
SIPP vs. AVERAGE*

Average dollar change in
food stamps per participant

Dollar Change in Shelter Deduction Cap

* Average represents estimates generated by using the Average Rules of Thumb

FIGURE D.16
SHELTER DEDUCTION THRESHOLD
SIPP vs. AVERAGE*

Average dollar change in
food stamps per participant

SIPP

AVERAGE

Deduction Threshold (Base: X=50%)
Deduct Expenses > X% of Net Income
* Average represents estimates generated by using the Average Rules of Thumb