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Abstract

Explaining changes in agricultural productivity involves explaining changes in output and input quantities. Several economic models can be used for this purpose. This paper considers a model that accounts for weather and output price uncertainty. Changes in productivity are then explained in two steps. First, the relationship between observed outputs, observed inputs and observed weather variables is written in the form of a stochastic production frontier model. Following estimation, the model is used to decompose a proper productivity index into measures of technical progress and environmental change, measures of technical efficiency and scale-and-mix efficiency change, and a measure of change in statistical noise. Second, the relationship between observed input prices and quantities, expected output prices and expected weather variables is written in the form of a system of input demand equations. Following estimation, the system is used to further decompose the measure of scale-and-mix efficiency change into measures of technical progress, input price change, changes in expectations, and changes in allocative efficiency and statistical noise. The methodology is applied to U.S. agricultural data. The effects of weather and climate change on agricultural productivity are found to be small relative to the effects of changes in input prices.

1. Introduction

Most economists consider productivity change to be a measure of output quantity change divided by a measure of input quantity change (e.g., Jorgenson and Griliches, 1967, p.250; Schreyer, 2001, p.11; O'Donnell, 2018, p.11). Measuring changes in outputs and inputs (and therefore productivity) is an index number problem. One of the more worrying features of applied research on productivity is that most authors use output and input indexes that do not satisfy a set of basic axioms from index theory. Indexes that do not satisfy at least one axiom include the well-known Fisher, Törnqvist, Malmquist, Elteto-Koves-Szulc (EKS) and Caves-Christensen-Diewert (CCD) indexes. The axioms that are violated most frequently are a transitivity axiom and a proportionality axiom. This has serious implications: indexes that violate these two axioms will say that outputs and inputs have increased and/or decreased when they may in fact have done the opposite. This paper uses what O'Donnell (2016, 2018) calls proper quantity indexes. Proper quantity indexes satisfy six basic axioms from index theory, including transitivity and proportionality.

If productivity change is defined as a measure of output quantity change divided by a measure of input quantity change, then explaining it necessarily involves explaining changes in output and input quantities. Economists have a number of models that can be used for this purpose. For example, a widely-used model is one in which firms are assumed to be price takers in both output and input markets, and where managers are assumed to choose output and input quantities to maximise profits. Economists who use these types of models typically assume that market prices and characteristics of the production environment are known at the time production decisions are made. These are unrealistic assumptions, at least in industries like agriculture. This paper considers an economic model that accounts for both weather and output price uncertainty. Estimating the model involves estimating a stochastic production frontier and a system of input demand equations. The paper shows how the estimated parameters of the model can be used to assess the effects of weather and climate change on total factor productivity (TFP).

The basic economic idea behind the paper is that changes in weather and climate potentially affect agricultural inputs and outputs (and therefore productivity) through two channels: first, realisations of weather variables potentially affect the outputs that

can be produced using predetermined inputs; and, second, expectations about weather and climate potentially affect the input and planned output choices of managers.

Most previous studies that have examined the first channel have focused on measures of partial factor productivity (PFP): Anand and Khetarpal (2015), for example, use a biophysical simulation model to examine the effects of changes in surface air temperatures on wheat yield per hectare; and Nastis et al. (2012) use a production function model to estimate the effects of changes in temperature and precipitation on land productivity. And while several studies have looked at the effects of weather variables on TFP, most have used TFP indexes that have poor axiomatic properties: Salim and Islam (2010), for example, use a vector error correction (VEC) model to estimate the effects of changes in precipitation on Törnqvist index numbers; and Hughes et al. (2011) use a stochastic production frontier model to construct a climate effects index, which they then use to deflate Fisher index numbers. Only a handful of studies appear to have used proper TFP indexes: Sabasi and Shumway (2018), for example, use a seemingly unrelated regression (SUR) model to estimate the effects of changes in temperature and precipitation on Lowe index numbers; and Njuki et al. (2018, 2020) use stochastic production frontier models to estimate the effects of changes in temperature and precipitation on multiplicative index numbers. This paper goes a step further by considering the second channel: it considers the way in which expectations about weather and climate potentially affect input and planned output choices. No previous studies appear to have examined this second channel.

The structure of the paper is as follows. Section 2 deals with the problem of measuring TFP change.[1] It starts by using artificial data to demonstrate some of the properties of different indexes. It then uses U.S. agricultural data to demonstrate that there are real-world situations where the choice of index matters. Section 3 considers the first channel by which weather and climate potentially affect productivity. It starts by writing the relationship between observed outputs, observed inputs and observed weather variables in the form of a stochastic production frontier model. It then uses the estimated parameters of the model to decompose a proper TFP index into measures of technical progress, en-

[1]Measures of TFP are measures of total output quantity divided by measures of total input quantity. Measures of multifactor productivity (MFP) and partial factor productivity (PFP) can be viewed as measures of TFP in which one or more inputs are given weight of zero. For this reason, and to avoid repetition, this paper focuses on measures of TFP.

vironmental change, technical efficiency change, scale-and-mix efficiency change, and changes in statistical noise. Section 4 considers the second channel. It starts by writing the relationship between observed input prices and quantities, expected output prices and expected weather variables in the form of a system of input demand equations. It then uses the estimated parameters of the system to further decompose the measure of scale-and-mix efficiency change into a measure of technical progress, a measure of input price change, various measures of changes in expectations, and a measure of changes in allocative efficiency and statistical noise. Section 4 summarises the paper and offers some concluding remarks.

2. Measuring TFP Change

Measures of TFP change are measures of total output quantity change (i.e., output quantity indexes) divided by measures of total input quantity change (i.e., input quantity indexes). Computing output and input quantity index numbers is a matter of assigning numbers to baskets of outputs and inputs. Measurement theory says such numbers cannot be assigned in an arbitrary way. Instead, they must be assigned in such a way that the relationships between the numbers reflect the relationships between the baskets (Tal, 2016). This section uses artificial data on apples and oranges to illustrate this basic principle. It then uses U.S. agricultural data to data to demonstrate that there are real-world situations where the choice of index matters.

2.1. Comparing Apples and Oranges

Consider the baskets of apples and oranges presented in Table 1. This table also presents quantity index numbers that have been computed using six different indexes: the Lowe index is a type of additive index that uses average market prices as weights; the AEW index is an additive index that gives the two products equal weight; the MEW index is a type of multiplicative index that also gives the products equal weight; the geometric Young (GY) index is a multiplicative index that uses average value shares as weights; the MOLS index is a multiplicative index that uses OLS parameter estimates as weights; and the benefit-of-the-doubt (BOD) index is an additive index that allows the weights to vary from one basket to the next. Technical details concerning each of

these indexes can be found in O'Donnell (2018, Ch.3).[2] Importantly, they are all proper quantity indexes, and they all yield numbers that are consistent with measurement theory. Observe, for example, that the numbers in rows B to D are all greater than the numbers in row A, reflecting the fact that baskets B to D all contain more apples and oranges than basket A; the numbers in row D are the same as the numbers in row B, reflecting the fact that basket D contains the same number of apples and oranges as basket B; and the numbers in row E are twice as big as the numbers in row A, reflecting the fact that basket E contains twice as many apples and oranges as basket A.

Table 1: Proper Quantity Index Numbers

	Lowe	AEW	MEW	GY	MOLS	BOD
A = 	1	1	1	1	1	1
B = 	2.034	2	1.732	1.860	1.209	2.333
C = 	2.483	2.5	2.449	2.386	2.797	2.333
D = 	2.034	2	1.732	1.860	1.209	2.333
E = 	2	2	2	2	2	2

AEW = Additive with Equal Weights; MEW = Multiplicative with Equal Weights; GY = Geometric Young; MOLS = Multiplicative with OLS weights; BOD = Benefit-Of-the-Doubt.

Unfortunately, the quantity indexes used by most economists yield numbers that are not consistent with measurement theory. This is illustrated in Table 2, where six common quantity indexes have been used to compare the baskets of apples and oranges from Table 1: the binary Fisher (BF) index is a type of "superlative" index that uses market prices as weights; the binary Törnqvist (BT) index is a type of superlative index that uses value shares as weights; the chained Fisher (CF) and chained Törnqvist (CT) indexes are obtained by treating the observations as time-series observations and chaining

[2]For readers who would like to double-check the calculations, the prices of the apples (resp. oranges) in baskets A, B, C, D and E are 1, 6, 5, 1 and 1 (resp. 1, 1, 2, 6 and 5).

sets of binary Fisher and Törnqvist indexes; the EKS and CCD indexes are obtained by treating the observations as cross-section observations and taking a geometric average of sets of binary Fisher and Törnqvist indexes. Again, technical details concerning each of these indexes can be found in O'Donnell (2018, Ch.3). The numbers in Table 2 are clearly inconsistent with measurement theory. Observe, for example, that the numbers in row B differ from the numbers in row D, even though baskets B and D contain the same numbers of apples and oranges; the CF and CT numbers in row C are more than 3.1 times greater than the numbers in row A, even though basket C contains less than 3.1 times as many apples and oranges as basket A; and the EKS and CCD numbers in row E are less than twice the numbers in row A, even though basket E contains exactly twice as many apples and oranges as basket A.

Table 2: Other Quantity Index Numbers[†]

	BF	BT	CF	CT	EKS	CCD
A = 	1	1	1	1	1	1
B = 	1.604*	1.581*	1.604*	1.581*	1.713*	1.688*
C = 	2.605	2.598	3.142*	3.150*	2.689	2.700
D = 	2.330*	2.215*	2.690*	2.508*	2.206*	2.118*
E = 	2	2	2	1.886*	1.915*	1.884*

[†] BF = binary Fisher; BT = binary Törnqvist; CF = chained Fisher; CT = chained Tornqvist; EKS = Elteto-Koves-Szulc; CCD = Caves-Christensen-Diewert.

* Incoherent (and not because of rounding errors).

2.2. TFP Change in U.S. Agriculture.

This subsection uses different indexes to make time-series and cross-section comparisons of output, input and TFP change in U.S. agriculture. The dataset comprises observations on the prices and quantities of four inputs (capital, land, labor and materi-

als) and three outputs (livestock, crops and other outputs) in forty-eight states over the years from 1961 to 2004. The data were assembled by the Economic Research Service (ERS) of the U.S. Department of Agriculture (USDA). Details concerning the data can be found in Ball et al. (1997).

Figure 1 presents Lowe, BF, CF, GY, BT and CT indexes of output, input and TFP change in Alabama from 1961 to 2004. The Lowe, BF and CF index numbers are presented as a group because they are all computed using either prices or average prices as weights. The GY, BT and CT index numbers are also presented as a group because they all use value shares or average value shares as weights. Only the Lowe and GY indexes are proper indexes. Figure 1 reveals that different indexes can sometimes tell quite different stories about output, input and/or TFP change over time: in panel (d), for example, the GY index tells us that input use in 1983 was 9% lower in than it had been in 1961, while the CT index tells us that it was 5% higher; and in panel (e), the Lowe index tells us that TFP increased by 14% between 1961 and 1969, while the CF index tells us that it fell by 2%.

Figure 2 presents Lowe, BF, EKS, GY, BT and CCD indexes of output, input and TFP change across six states in 1961. Again, the Lowe, BF and EKS index numbers are presented as a group because they are all computed using either prices or average prices as weights. Again, the GY, CT and CCD index numbers are presented as a group because they all use value shares or average value shares as weights. Figure 2 reveals that different indexes can also tell different stories about output, input and/or TFP change across space: in panel (c), for example, the Lowe index tells us that Iowa used fewer inputs than Texas in 1961, while the BF and EKS indexes tell us the opposite; and in panel (f), the GY index tells us that Oklahoma was 3% less productive than Alabama in 1961, while the BT and CCD indexes tell us that Oklahoma was at least 11% more productive.

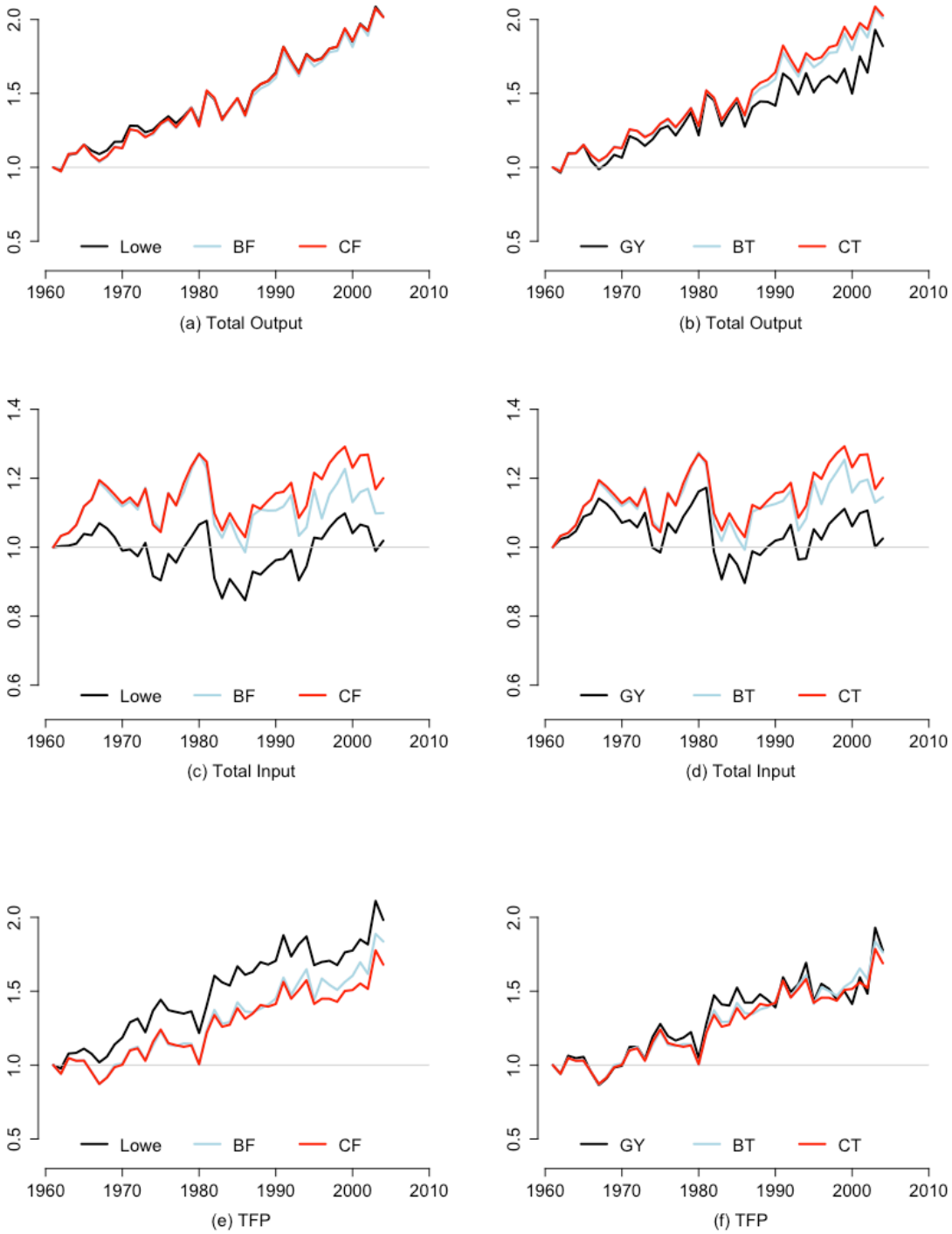

Figure 1: Output, Input and TFP Change in Alabama from 1961 to 2004 (1961 = 1)

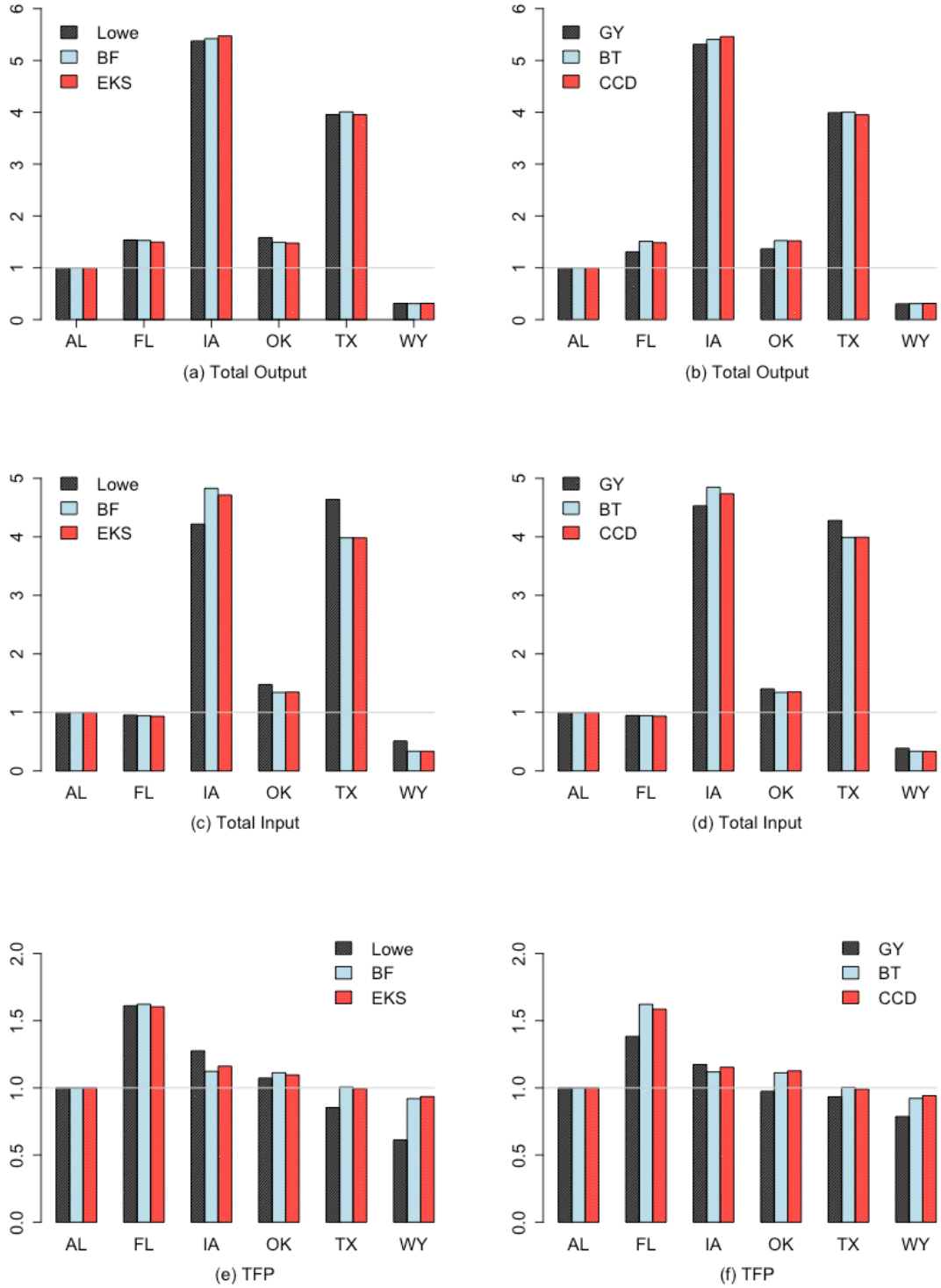

Figure 2: Output, Input and TFP Change Across Selected States in 1961 (AL = 1)

2.3. The Choice of Index

There are at least three reasons why economists should choose proper indexes. First, all proper indexes satisfy important axioms from index theory (e.g., transitivity and proportionality). Second, and relatedly, proper quantity indexes always yield numbers that are consistent with measurement theory (i.e., the patterns in the numbers always mirror the patterns in the quantities). Third, any given proper index can be used to make comparisons across both time and space; in contrast, the CF and CT indexes, for example, can only be used to make (erroneous) comparisons across time, while the EKS and CCD indexes can only be used to make (erroneous) comparisons across space.

In practice, the choice of proper index is generally a matter of taste. In the case of output indexes, for example, O'Donnell (2018) suggests that the Lowe index "should be used by analysts who regard output prices as [appropriate] measures of relative value (e.g., analysts who might otherwise use a Fisher, chained Fisher or EKS index)" (p.96); the GY index "should be used by analysts who regard revenue shares as [appropriate] measures of relative value (e.g., analysts who might otherwise use a Tornqvist, chained Tornqvist or CCD index" (p.96); "analysts who want to minimise the amount of variation in the index numbers" should use a multiplicative index with weights that are computed within a regression framework (p.97); a primal index should be used by "analysts who regard marginal rates of transformation as [appropriate] measures of relative value (e.g., analysts who might otherwise use a generalised Malmquist index)" (p.97); and a "BOD index should be used by analysts who believe measures of relative value should vary from one output comparison to the next. It can also be used by analysts who have no information about output prices, revenue shares or production technologies" (p.99).

The aim of this paper is to estimate the effects of weather and climate change on U.S. agricultural productivity. The first step is to measure changes in outputs, inputs and TFP. GY indexes will be used for this purpose, mainly because they are proper indexes that combine nicely with the double-log econometric models used in Sections 3 and 4. For some precise definitions, let $q_{it} = (q_{1it}, \ldots, q_{Nit})'$ and $x_{it} = (x_{1it}, \ldots, x_{Mit})'$ denote the output and input vectors of state i in period t. The GY indexes that compare the outputs and inputs of state i in period t with the outputs and inputs of state k in

period s are

$$QI(q_{ks}, q_{it}) = \prod_{n=1}^{N} \left(\frac{q_{nit}}{q_{nks}} \right)^{\bar{r}_n} \tag{1}$$

$$\text{and} \qquad XI(x_{ks}, x_{it}) = \prod_{m=1}^{M} \left(\frac{x_{mit}}{x_{mks}} \right)^{\bar{s}_m} \tag{2}$$

where $\bar{r}_1, \ldots, \bar{r}_N$ are average revenue shares and $\bar{s}_1, \ldots, \bar{s}_M$ are average cost shares. The associated GY index that compares the TFP of state i in period t with the TFP of state k in period s is

$$TFPI(x_{ks}, q_{ks}, x_{it}, q_{it}) = \prod_{n=1}^{N} \left(\frac{q_{nit}}{q_{nks}} \right)^{\bar{r}_n} \prod_{m=1}^{M} \left(\frac{x_{mks}}{x_{mit}} \right)^{\bar{s}_m}. \tag{3}$$

These indexes can be traced back at least as far as O'Donnell (2016). They were used to produce the GY index numbers presented in panels (b), (d) and (f) of Figures 1 and 2. GY TFP index numbers for all states in all periods are presented in Table A1 in the Appendix. The remaining section of this paper will use economics to explain variations in these numbers.

3. Explaining Changes in TFP

If TFP change is defined as a measure of total output quantity change divided by a measure of total input quantity change, then explaining it necessarily involves explaining changes in outputs and inputs. This paper assumes that managers choose outputs and inputs in two stages: first, at the beginning of the production period, managers choose inputs and planned outputs to maximise expected profits in the face of uncertainty about output prices and one or more characteristics of the production environment (e.g., rainfall); and, second, after inputs have been chosen and all environmental variables have been realised, managers seek to maximise the outputs that can be produced using their chosen inputs in their given production environments. This section focuses on the second stage. If this second-stage behaviour is true, then the relationship between outputs, inputs and environmental variables can be written in the form of a stochastic production frontier model in which the explanatory variables are exogenous. This section uses the model to explain variations in the GY TFP index numbers reported in Section 2.2.

To to this, the USDA input and output data used in that section is supplemented with observations on three weather variables: DD830 measures the number of degree days between 8°C and 30°C between March and August; DD30 measures the number of degree days above 30°C between March and August; and PREC measures total precipitation in inches between March and August. These variables were also assembled and supplied by the USDA.

3.1. The Stochastic Production Frontier Model

Let $P^t(x_{it}, z_{it})$ denote the set of outputs that can be produced using the input vector x_{it} in period t in a production environment characterised by the vector z_{it}. Under weak regularity conditions, this set can be represented by the following period-and-environment-specific output distance function:

$$D_O^t(x_{it}, q_{it}, z_{it}) = \inf\{\rho > 0 : q_{it}/\rho \in P^t(x_{it}, z_{it})\}. \tag{4}$$

This function is an output-oriented measure of technical efficiency that controls for variations in the production environment (O'Donnell, 2018, Sect. 5.1.1). By construction, it is linearly homogeneous in outputs. This implies that $D_O^t(x_{it}, q_{it}, z_{it}) = q_{1it} D_O^t(x_{it}, q_{it}^*, z_{it})$ where $q_{it}^* \equiv q_{it}/q_{1it}$ denotes a vector of normalised outputs. Equivalently, after some simple algebra, the relationship between outputs, inputs and environmental variables can be written as

$$\ln q_{1it} = -\ln D_O^t(x_{it}, q_{it}^*, z_{it}) - u_{it} \tag{5}$$

where $u_{it} \equiv -\ln D_O^t(x_{it}, q_{it}, z_{it}) \geq 0$ is an output-oriented technical inefficiency effect. Unfortunately, the functional form of the negative of the logarithm of the output distance function is unknown. In practice, we must replace it with an arbitrary approximating function. The relationship between outputs, inputs and environmental variables then becomes

$$\ln q_{1it} = f^t(x_{it}, q_{it}^*, z_{it}) + v_{it} - u_{it} \tag{6}$$

where $f^t(.)$ is the approximating function and $v_{it} = -\ln D_O^t(x_{it}, q_{it}^*, z_{it}) - f^t(x_{it}, q_{it}^*, z_{it})$ is a variable that accounts for potential functional form errors and other sources of sta-

tistical noise. An approximating function that provides for a neat decomposition of GY TFP index numbers is

$$f^t(x_{it}, q^*_{it}, z_{it}) = \alpha_i + \sum_{h=1}^{H} \lambda_h d_{hit} + \sum_{j=1}^{J} \delta_j \ln z_{jit} + \sum_{m=1}^{M} \beta_m \ln x_{mit} - \ln Q(q^*_{it}) \qquad (7)$$

where α_i is a fixed effect that accounts for nonstochastic time-invariant characteristics of the production environment (e.g., soil type and elevation), d_{hit} is a dummy variable that takes the value 1 in decade h (and 0 otherwise), z_{jit} is the j-th element of z_{it}, and $Q(q_{it}) = \prod_{n=1}^{N} q_{nit}^{\bar{r}_n}$ is a GY measure of total output. This is the approximating function used in this paper. Equations (6) and (7) together imply that

$$\ln Q(q_{it}) = \alpha_i + \sum_{h=1}^{H} \lambda_h d_{hit} + \sum_{j=1}^{J} \delta_j \ln z_{jit} + \sum_{m=1}^{M} \beta_m \ln x_{mit} + v_{it} - u_{it}. \qquad (8)$$

This is a stochastic production frontier model with the same basic structure as the model of Aigner et al. (1977, Eq.7).[3] Unfortunately, the slope parameters can only be given an economic interpretation if we make some assumptions about the nature of statistical noise: if we assume that v_{it} does not depend on d_{hit}, for example, then λ_h can be interpreted as a measure of technical progress in decade h; if we assume that v_{it} does not depend on z_{jit}, then δ_j can be interpreted as an elasticity that measures the percent change in total output due to a one percent increase in the j-th environmental variable; and if we assume that v_{it} does not depend on x_{mit}, then β_m can be interpreted as an elasticity that measures the percent increase in total output due to a one percent increase in the m-th input. This paper makes these assumptions and interprets the parameters accordingly.

3.2. Estimation

The parameters of stochastic frontier models are most often estimated using the method of maximum likelihood (ML). ML estimation involves choosing the unknown parameters to maximise the joint density (or likelihood) of the observed data. This

[3]The dependent variable in the Aigner et al. (1977) model is an output, not the logarithm of an output. This can have implications for the interpretation of the technical inefficiency effect. For details, see O'Donnell (2018, p.326; fn. 1)

joint density depends on the assumed distributions of the noise and inefficiency effects. This paper assumes that v_{it} is an independent $N(0, \sigma_v^2)$ random variable and u_{it} is an independent $N^+(0, \sigma_u^2)$ random variable; these are the most common assumptions made in the stochastic frontier literature.

ML point estimates of the parameters in equation (8) are presented in Table 3. This table also reports associated estimated standard errors and lower and upper bounds of 95% asymptotic confidence intervals. These results were obtained using the frontier package of Coelli and Henningsen (2020). Most of the point estimates seem plausible: the point estimates of α_1 and α_4, for example, indicate that fixed characteristics of the production environment in California are more favourable for agricultural production than fixed characteristics of the production environment in Alabama; the estimates of $\lambda_1, \ldots, \lambda_5$ indicate there was technical progress in every decade, and that the rate of technical progress reached a maximum of 2.3% per annum in the 1980s; the estimates of $\beta_1, \ldots, \beta_5$ indicate that, all other things being equal, increasing any input will lead to an increase in output, and that the production frontier exhibits decreasing returns to scale (the elasticity of scale is estimated to be 0.848); the estimate of δ_2 indicates that an increase in the number of so-called "bad degree days" will decrease output; and the estimate of δ_3 indicates that an increase in precipitation will increase output. The only point estimate that does not seem plausible is the estimate of δ_1: this estimate indicates that an increase in the number of so-called "good degree days" will decrease output. The 95% asymptotic confidence interval limits for λ_1, λ_2, λ_5, β_2, δ_1 and δ_3 are also implausible because they span zero (i.e., they do not rule out the possibility that these parameters are negative). These issues can be resolved by imposing nonnegativity constraints on the parameters. A problem with ML methods for imposing nonnegativity constraints is that if the constraints are binding, then the ML parameter estimates and standard errors will all take the value zero. This is implausible, because it indicates that we are certain that the parameters take the value zero. The solution is to use a Bayesian estimator.

Bayesian estimation involves summarising the information we have about the unknown parameters in the form of a joint posterior probability density function (pdf). One source of information is the data; this so-called sample information is summarised in the form of the usual likelihood function. Other sources of information include economic theory and common sense; this so-called non-sample information is summarised

Table 3: ML Estimates of the Stochastic Frontier Parameters

		Est.	St. Err.	2.5%	97.5%
α_1	AL	1.967	0.631	0.730	3.204
α_2	AR	2.270	0.651	0.995	3.546
α_3	AZ	2.219	0.637	0.970	3.467
α_4	CA	2.734	0.813	1.141	4.327
α_5	CO	2.021	0.945	0.168	3.874
α_6	CT	1.787	0.811	0.197	3.376
α_7	DE	1.793	0.736	0.350	3.236
α_8	FL	2.451	0.861	0.764	4.137
α_9	GA	2.269	0.724	0.850	3.689
α_{10}	IA	2.333	0.845	0.677	3.989
:	:	:	:	:	:
α_{41}	TX	2.222	0.921	0.418	4.026
α_{42}	UT	1.805	0.408	1.005	2.606
α_{43}	VA	1.942	0.919	0.141	3.744
α_{44}	VT	1.651	0.993	-0.296	3.597
α_{45}	WA	2.213	0.971	0.309	4.116
α_{46}	WI	2.079	0.815	0.483	3.676
α_{47}	WV	1.409	0.985	-0.522	3.339
α_{48}	WY	1.627	0.759	0.139	3.115
λ_1	t in the 1960s	0.005	0.005	-0.004	0.015
λ_2	t in the 1970s	0.003	0.002	-0.001	0.008
λ_3	t in the 1980s	0.023	0.002	0.019	0.026
λ_4	t in the 1990s	0.007	0.002	0.002	0.012
λ_5	t in the 2000s	0.009	0.006	-0.004	0.021
β_1	Capital	0.154	0.021	0.112	0.196
β_2	Land	0.011	0.018	-0.025	0.047
β_3	Labor	0.105	0.012	0.081	0.129
β_4	Materials	0.580	0.016	0.549	0.611
δ_1	DD830	-0.002	0.036	-0.072	0.068
δ_2	DD30	-0.016	0.003	-0.022	-0.011
δ_3	PREC	0.006	0.009	-0.011	0.023

in the form of a prior pdf. The likelihood function and the prior pdf are combined using Bayes's theorem to form the joint posterior pdf. The prior pdf used in this paper is a truncated multivariate normal distribution that contains almost no information about the parameters: all it says is that δ_2 is nonpositive, and that all the other slope coefficients except δ_3 are nonnegative. In practice, interest usually centres on marginal posterior pdfs for the individual parameters. Evaluating characteristics of these pdfs (e.g., means, variances) involves evaluating multiple integrals. Except in restrictive special cases, these integrals can only be evaluated by sampling from the joint posterior pdf. In this paper, samples of size 100,000 were drawn using the Markov Chain Monte Carlo (MCMC) sampling package of Plummer (2019).

Bayesian point estimates of the parameters in equation (8) are presented in Table 4; these estimates are the means of the MCMC samples. This table also reports associated estimated standard errors and lower and upper bounds of 95% highest posterior density (HPD) intervals. HPD intervals are the Bayesian counterparts to confidence intervals. By construction, all of the point and interval estimates in this table are consistent with prior expectations: the estimate of δ_1, for example, is now positive, and the only HPD interval that spans zero is the interval for δ_3.

Associated with the parameter estimates reported in Table 4 are estimates of output-oriented technical efficiency (OTE). Selected point estimates are presented in Table 5. This table also reports associated estimated standard errors and lower and upper bounds of 95% HPD intervals. Again, these estimates are consistent with prior expectations: among other things, the average level of technical efficiency in U.S. agriculture is found to be 0.959.

3.3. Decomposing GY TFP Index Numbers

O'Donnell (2018, Sect. 8.5.2) explains how the parameters of stochastic fronter models can be used to decompose proper TFP index numbers into economically meaningful components. This section uses the results reported in Tables 4 and 5 decompose the GY TFP index numbers reported earlier in Section 2.2. The easiest way forward is to take the antilogarithms of both sides of (8) and use the definition of the dependent

Table 4: Bayesian Estimates of the Stochastic Frontier Parameters

		Est.	St. Err.	2.5%	97.5%
α_1	AL	1.455	0.134	1.184	1.675
α_2	AR	1.747	0.138	1.467	1.972
α_3	AZ	1.719	0.129	1.441	1.925
α_4	CA	2.197	0.150	1.887	2.434
α_5	CO	1.512	0.138	1.231	1.733
α_6	CT	1.324	0.117	1.091	1.518
α_7	DE	1.341	0.113	1.112	1.535
bα_8	FL	1.931	0.135	1.650	2.151
α_9	GA	1.751	0.136	1.477	1.975
α_{10}	IA	1.803	0.152	1.508	2.046
:	:	:	:	:	:
α_{41}	TX	1.664	0.152	1.358	1.907
α_{42}	UT	1.322	0.127	1.062	1.526
α_{43}	VA	1.439	0.137	1.170	1.660
α_{44}	VT	1.177	0.120	0.939	1.376
α_{45}	WA	1.709	0.138	1.432	1.929
α_{46}	WI	1.548	0.147	1.262	1.787
α_{47}	WV	0.929	0.124	0.681	1.130
α_{48}	WY	1.141	0.129	0.870	1.348
λ_1	t in the 1960s	0.006	0.001	0.003	0.008
λ_2	t in the 1970s	0.003	0.001	0.001	0.005
λ_3	t in the 1980s	0.023	0.001	0.022	0.025
λ_4	t in the 1990s	0.007	0.001	0.005	0.009
λ_5	t in the 2000s	0.009	0.003	0.004	0.014
β_1	Capital	0.171	0.018	0.145	0.213
β_2	Land	0.019	0.010	0.001	0.038
β_3	Labor	0.108	0.011	0.089	0.127
β_4	Materials	0.577	0.011	0.558	0.597
δ_1	DD830	0.020	0.013	0.002	0.050
δ_2	DD30	-0.017	0.002	-0.021	-0.013
δ_3	PREC	0.007	0.009	-0.010	0.023

Table 5: Bayesian Estimates of OTE

State	Year	Est.	St. Err.	2.5%	97.5%
AL	1961	0.979	0.019	0.931	0.999
AR	1961	0.915	0.047	0.817	0.993
AZ	1961	0.973	0.023	0.914	0.999
CA	1961	0.921	0.046	0.825	0.994
CO	1961	0.964	0.029	0.894	0.999
CT	1961	0.947	0.037	0.861	0.998
DE	1961	0.902	0.049	0.803	0.990
FL	1961	0.950	0.036	0.867	0.998
GA	1961	0.925	0.044	0.831	0.995
IA	1961	0.963	0.029	0.892	0.999
:	:	:	:	:	:
TX	2004	0.961	0.030	0.888	0.999
UT	2004	0.966	0.027	0.898	0.999
VA	2004	0.890	0.051	0.789	0.985
VT	2004	0.956	0.033	0.877	0.998
WA	2004	0.972	0.024	0.912	0.999
WI	2004	0.954	0.034	0.874	0.998
WV	2004	0.905	0.049	0.807	0.990
WY	2004	0.872	0.052	0.772	0.974
Min.		0.676	0.010	0.597	0.763
Max.		0.990	0.053	0.963	1.000
Ave.		0.959	0.029	0.890	0.997

variable in that equation to rewrite it as

$$\prod_{n=1}^{N} q_{nit}^{\bar{r}_n} = \exp\left(\sum_{h=1}^{H} \lambda_h d_{hit}\right)\left[\exp(\alpha_i)\prod_{j=1}^{J} z_{jit}^{\delta_j}\right]\left[\prod_{m=1}^{M} x_{mit}^{\beta_m}\right]\exp(v_{it})\exp(-u_{it}). \quad (9)$$

A similar equation holds for state k in period s. These two equations can be substituted into equation (3) to yield the following decomposition:

$$TFPI(x_{ks}, q_{ks}, x_{it}, q_{it}) = \left[\frac{\exp(\sum_{h=1}^{H}\lambda_h d_{hit})}{\exp(\sum_{h=1}^{H}\lambda_h d_{hks})}\right]\left[\frac{\exp(\alpha_i)}{\exp(\alpha_k)}\prod_{j=1}^{J}\left(\frac{z_{jit}}{z_{jks}}\right)^{\delta_j}\right]$$
$$\times\left[\prod_{m=1}^{M}\left(\frac{x_{mit}}{x_{mks}}\right)^{\beta_m-\bar{s}_m}\right]\left[\frac{\exp(-u_{it})}{\exp(-u_{ks})}\right]\left[\frac{\exp(v_{it})}{\exp(v_{ks})}\right]. \quad (10)$$

Given the assumptions made earlier about the nature of statistical noise, the first term in square brackets on the right-hand side can be viewed as an output-oriented technology index (OTI) (i.e., a measure of technical change), the second term can be viewed as an output-oriented environment index (OEI) (i.e., a measure of environmental change), the third term can be viewed as an output-oriented scale-and-mix efficiency index (OSMEI) (i.e., a measure of change in economies of scale and substitution), the fourth term is an output-oriented technical efficiency index (OTEI) (i.e., a measure of technical efficiency change), and the last term is a statistical noise index (SNI) (i.e., a measure of changes in omitted variables and other sources of statistical noise).

Figure 3 presents a decomposition of TFP change in selected states. The TFP index numbers depicted in the top-left-hand panel are the GY numbers presented earlier in the bottom-right-hand panel of Figure 1. The OTI, OEI and OSMEI numbers were computed by using the point estimates reported in Table 4 to evaluate the first four terms on the right-hand side of equation (10). The OTEI numbers were computed using the point estimates of OTE reported in Table 5. The SNI numbers were computed as residuals. Results for all forty-eight states are presented in Table A1 in the Appendix.

The results reported in Figure 3 and Table A1 indicate that the main drivers of TFP change over time were technical progress and scale-and-mix efficiency change. In the case of Alabama, for example, TFP in 2004 was 1.776 times higher than it had been in 1961. This increase can be broken down as follows: TFPI = OTI $\times$ OEI $\times$ OSMEI

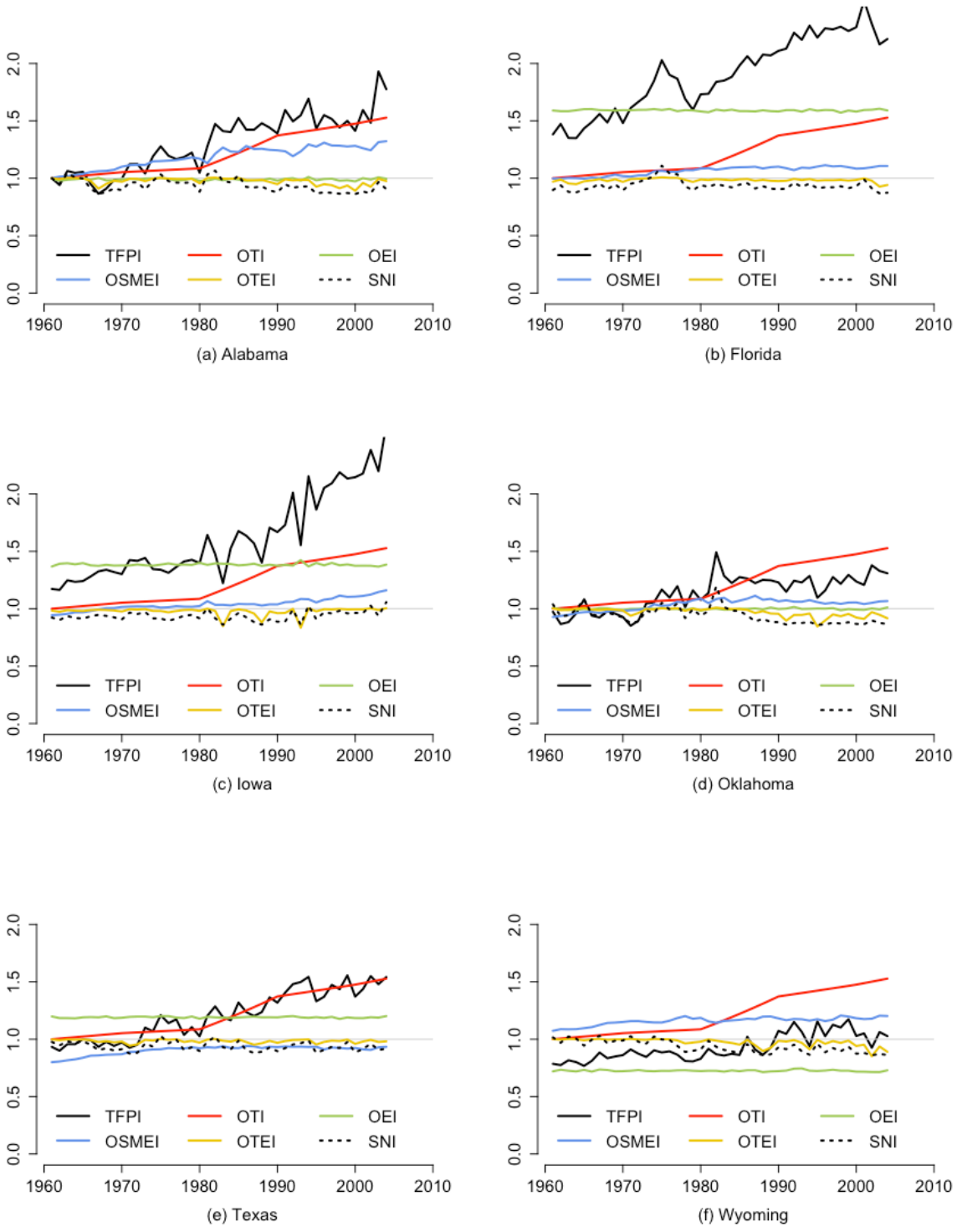

Figure 3: TFP Change in Selected States from 1961 to 2004 (AL in 1961 = 1)

$\times$ OTEI $\times$ SNI $= 1.527 \times 0.995 \times 1.323 \times 0.975 \times 0.906 = 1.776$. This decomposition indicates that, in Alabama, (i) technical progress provided for a 52.7% increase in TFP; (ii) changes in the production environment had virtually no impact on TFP; (iii) improvements in scale-and-mix efficiency led to a 32.3% increase in TFP; (iv) lower technical efficiency led to a 2.5% fall in TFP; and (v) changes in omitted variables and other sources of statistical noise accounted for an 9.4% fall in TFP.

The results reported in Figure 3 and Table A1 also indicate that the main drivers of TFP change across states were differences in production environments and levels of scale-and-mix efficiency. In 1961, for example, Texas was 6.7% less productive than Alabama. This difference can be broken down as follows: TFPI $=$ OTI $\times$ OEI $\times$ OSMEI $\times$ OTEI $\times$ SNI $= 1 \times 1.198 \times 0.800 \times 0.997 \times 0.976 = 0.933$. The reason the OTI component takes the value one is that equation (8) plausibly does not allow for differences in rates of technical progress across states. The remaining components indicate that, in 1961, (i) a better production environment allowed Texas farmers to be 19.8% more productive than farmers in Alabama; (iii) Texas farmers were 20% less scale-and-mix efficient than farmers in Alabama; (iv) Texas farmers were only 0.03% less technically efficient than farmers in Alabama; and (v) omitted variables and other sources of statistical noise accounted for only 2.4% of the difference in TFP.

Finally, it is possible to decompose the environmental change component of TFP change (i.e., the OEI) into the product of an output-oriented fixed effects index (OFEI) and an output-oriented temperature and precipitation index (OTPI). The OFEI measures the direct effects of time-invariant environmental variables on TFP; mathematically, the index that compares the effects in state i with the effects in state k is $\exp(\alpha_i - \alpha_k)$. The OTPI measures the direct effects of changes in temperature and precipitation on TFP; mathematically, the index that compares the effects in state i in period t with the effects in state k in period s is $\prod_{j=1}^{J}(z_{jit}/z_{jks})^{\delta_j}$. To illustrate, we have seen that, in 1961, a better production environment allowed Texas farmers to be 19.8% more productive than farmers in Alabama. This difference can be broken down as follows: OEI $=$ OFEI $\times$ OTPI $= 1.233 \times 0.972 = 1.198$. This indicates that time-invariant characteristics of the production environment (e.g., soil type and terrain) allowed Texas farmers to be 23.3% more productive than farmers in Alabama, and that, in 1961, differences in temperature and precipitation accounted for only 2.8% of the difference in TFP. Results for other states and other years also indicate that changes in weather had a relatively small effect

on TFP.

4. Explaining Changes in OSME

Explaining changes in OSME involves explaining changes in input quantities. This section uses a system of input demand equations to decompose the OSME index numbers reported in Section 3.3. To do this, the USDA data used in previous sections is supplemented with observations on expected aggregate output prices and weather variables: expected aggregate output prices are measured using one-period lagged values of GY output price index numbers, and expected values of weather variables are measured using arithmetic averages of observed weather variables over the previous 10 years. To the extent that they measure average atmospheric conditions over a long period of time, changes in these expected weather variables can be viewed as measures of climate change.

4.1. The Input Demand Functions

In the introduction to Section 3 it was assumed that inputs are chosen to maximise expected profits in the face of uncertainty about output prices and one or more characteristics of the production environment. If this assumption is true, then the m-th input demand function can be written in the form

$$x_{mit} = \exp(\alpha_{mi} + \lambda_m t)(p^e_{it})^{\phi_m} \prod_{j=1}^{J} \left(z^e_{jit}\right)^{\delta_{mj}} \prod_{h=1}^{M} w_{hit}^{\xi_{mh}} \exp(e_{mit}) \tag{11}$$

where α_{mi} is an unobserved fixed effect that again accounts for nonstochastic time-invariant characteristics of the production environment (e.g., terrain), p^e_{it} is the expected aggregate output price, z^e_{jit} is the expected value of the j-th environmental variable, w_{kit} is the k-th input price, and e_{mit} represents a combination of allocative inefficiency (i.e., failure to choose input combinations that maximise expected profits) and statistical noise. Again, the slope parameters can only be given a meaningful interpretation if we make some assumptions about the error term: if we assume that e_{mit} does not depend on t, for example, then λ_m can be interpreted as an input-specific measure of technical progress; if we assume that e_{mit} does not depend on p^e_{it}, then ϕ_m can be interpreted as an elasticity that measures the percent change in demand for input m due to a one

percent increase in the expected aggregate output price; if we assume that e_{mit} does not depend on z^e_{jit}, then δ_{mj} can be interpreted as an elasticity that measures the percent change in demand for input m due to a one percent increase in z^e_{jit}; and if we assume that e_{mit} does not depend on w_{hit}, then ξ_{mh} can be interpreted as an elasticity that measures the percent percent change in demand for input m due due to a one percent increase in the price of input h. Again, this paper makes these assumptions and interprets the parameters accordingly.

4.2. Estimation

Estimating the system of input demand equations defined by (11) requires some assumptions about the distributions of the error terms. This paper assumes that e_{mit} is distributed as an independent $N(0, \sigma^2_m)$ random variable. The independence assumption, together with the fact that each input demand equation contains the same set of regressors, means that estimation within a seemingly unrelated regression (SUR) framework is equivalent to using ordinary least squares (OLS) to estimate each equation separately.

OLS point estimates of the parameters in each equation are presented in Table 6. This table also reports associated estimated standard errors and lower and upper bounds of 95% confidence intervals. Most of the point estimates seem plausible: the point estimate of λ_3, for example, indicates that technical progress was labor-saving; the estimates of ϕ_2 and ϕ_4 indicate that, all other things being equal, increases in expected output prices lead to increases in the demand for land and materials; and the estimates of $\xi_{11}, \ldots, \xi_{44}$ indicate that, all other things being equal, an increase in the price of any input leads to a fall in the demand for that input. There are, however, several point estimates that do not seem plausible: the estimate of ϕ_1, for example, indicates that, all other things being equal, an increase in the expected output price leads to fall in the demand for capital. Some of the 95% confidence interval limits are also implausible; the confidence interval for ξ_{44}, for example, does not rule out the possibility that an increase in the price of materials leads to an increase in the demand for materials. Again, these issues can be resolved by imposing inequality constraints on selected parameters. Again, this is best done using a Bayesian approach.

Bayesian estimation involves specifying the likelihood function and a prior pdf. The earlier assumption that e_{mit} is an independent $N(0, \sigma^2_m)$ random variable is sufficient to specify the likelihood function. The prior pdf is chosen to be a truncated multivariate

Table 6: OLS Estimates of the Input Demand Parameters

		Est.	St. Err.	2.5%	97.5%
Demand for Capital:					
α_{11}	AL	25.817	1.765	22.358	29.276
:	:	:	:	:	:
α_{141}	TX	27.553	1.772	24.079	31.027
:	:	:	:	:	:
α_{148}	WY	23.506	1.603	20.364	26.647
λ_1	t	-0.006	0.001	-0.008	-0.005
ϕ_1	E(output price)	-0.072	0.042	-0.154	0.011
ξ_{11}	Price of Capital	-0.230	0.027	-0.283	-0.176
ξ_{12}	Price of Land	0.144	0.008	0.129	0.158
ξ_{13}	Price of Labor	-0.161	0.012	-0.184	-0.138
ξ_{14}	Price of Materials	0.318	0.038	0.244	0.393
δ_{11}	E(DD830)	-1.532	0.232	-1.988	-1.077
δ_{12}	E(DD39)	-0.121	0.018	-0.156	-0.087
δ_{13}	E(Precipitation)	-0.192	0.054	-0.297	-0.086
Demand for Land:					
α_{21}	AL	11.863	1.142	9.625	14.102
:	:	:	:	:	:
α_{241}	TX	14.594	1.147	12.346	16.843
:	:	:	:	:	:
α_{248}	WY	12.890	1.037	10.857	14.923
λ_2	t	-0.007	0.000	-0.008	-0.007
ϕ_2	E(output price)	-0.243	0.027	-0.296	-0.189
ξ_{21}	Price of Capital	0.230	0.018	0.196	0.264
ξ_{22}	Price of Land	-0.124	0.005	-0.133	-0.114
ξ_{23}	Price of Labor	0.016	0.008	0.001	0.031
ξ_{24}	Price of Materials	0.120	0.025	0.072	0.168
δ_{21}	E(DD830)	0.093	0.150	-0.202	0.387
δ_{22}	E(DD39)	-0.066	0.011	-0.088	-0.043
δ_{23}	E(Precipitation)	0.256	0.035	0.187	0.324

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Table 6 (continued).

		Est.	St. Err.	2.5%	97.5%
Demand for Labor:					
α_{31}	AL	13.246	2.273	8.790	17.701
:	:	:	:	:	:
α_{341}	TX	14.787	2.283	10.311	19.262
:	:	:	:	:	:
α_{348}	WY	12.309	2.065	8.262	16.356
λ_3	t	-0.010	0.001	-0.012	-0.008
ϕ_3	E(output price)	-0.195	0.054	-0.301	-0.089
ξ_{31}	Price of Capital	0.187	0.035	0.118	0.256
ξ_{32}	Price of Land	-0.159	0.010	-0.178	-0.140
ξ_{33}	Price of Labor	-0.243	0.015	-0.272	-0.214
ξ_{34}	Price of Materials	0.410	0.049	0.314	0.506
δ_{31}	E(DD830)	0.052	0.299	-0.535	0.639
δ_{32}	E(DD39)	-0.008	0.023	-0.052	0.037
δ_{33}	E(Precipitation)	0.125	0.069	-0.011	0.261
Demand for Materials:					
α_{41}	AL	21.697	2.011	17.755	25.639
:	:	:	:	:	:
α_{441}	TX	23.186	2.020	19.226	27.146
:	:	:	:	:	:
α_{448}	WY	19.527	1.827	15.946	23.107
λ_4	t	0.011	0.001	0.009	0.012
ϕ_4	E(output price)	0.047	0.048	-0.047	0.141
ξ_{41}	Price of Capital	0.027	0.031	-0.034	0.088
ξ_{42}	Price of Land	-0.039	0.009	-0.056	-0.022
ξ_{43}	Price of Labor	0.009	0.013	-0.017	0.034
ξ_{44}	Price of Materials	-0.043	0.043	-0.128	0.042
δ_{41}	E(DD830)	-0.904	0.265	-1.423	-0.385
δ_{42}	E(DD39)	-0.142	0.020	-0.181	-0.102
δ_{43}	E(Precipitation)	-0.074	0.061	-0.194	0.046

normal distribution that once again contains almost no information about the parameters: all it says is that $\phi_1, \ldots, \phi_4$ are nonnegative, and that $\lambda_1, \ldots, \lambda_4$ and $\xi_{11}, \ldots, \xi_{44}$ are nonpositive. Again, characteristics of marginal posterior pdfs are evaluated by drawing MCMC samples of size 100,000 from the joint posterior pdf.

Bayesian point estimates of the parameters in each equation are presented in Table 7. This table also reports associated standard errors and lower and upper bounds of 95% HPD intervals. By construction, all of these estimates are plausible: the estimate of ϕ_1, for example, is now positive, indicating that increases in the expected output price lead to increases in the demand for capital.

4.3. Decomposing OSME Index Numbers

This section uses the point estimates reported in Table 7 to decompose the OSME index numbers reported in Section 3.3. Recall that those numbers were computed by evaluating the third term on the right-hand side of equation (10). Substituting equation (11) (and a similar equation for firm k in period s) into that term yields the following:

$$\begin{aligned}\prod_{m=1}^{M}\left(\frac{x_{mit}}{x_{mks}}\right)^{\beta_m-\bar{s}_m} &= \prod_{m=1}^{M}\left[\frac{\exp(\lambda_m t)}{\exp(\lambda_m s)}\right]^{(\beta_m-\bar{s}_m)}\prod_{m=1}^{M}\left[\frac{\exp(\alpha_{mi})}{\exp(\alpha_{mk})}\prod_{j=1}^{J}\left(\frac{z^e_{jit}}{z^e_{jks}}\right)^{\delta_{mj}}\right]^{(\beta_m-\bar{s}_m)}\\ &\times\prod_{m=1}^{M}\left[\frac{p^e_{it}}{p^e_{ks}}\right]^{\phi_m(\beta_m-\bar{s}_m)}\prod_{m=1}^{M}\prod_{h=1}^{M}\left[\frac{w_{hit}}{w_{hks}}\right]^{\xi_{mh}(\beta_m-\bar{s}_m)}\\ &\times\prod_{m=1}^{M}\left[\frac{\exp(e_{mit})}{\exp(e_{mks})}\right]^{(\beta_m-\bar{s}_m)}. \qquad (12)\end{aligned}$$

Given the assumptions made earlier about e_{mit}, the first term on the right-hand side can be viewed as an input-oriented technology index (ITI), the second term can be viewed as an expected environment index (EEI), the third term can be viewed as an expected output price index (EPI), the fourth term can be viewed as an input price index (WI), and the last term can be viewed as an allocative efficiency and statistical noise index (AESNI).

Figure 4 presents a decomposition of OSME change in selected states. The OSME index numbers depicted in the six panels are the same numbers that were depicted earlier in Figure 3. The ITI, EEI, EPI and WI numbers were computed by using the point estimates reported in Tables 4 and 7 to evaluate the first four terms on the right-hand

Table 7: Bayesian Estimates of the Input Demand Parameters

		Est.	St. Err.	2.5%	97.5%
Demand for Capital:					
α_{11}	AL	25.482	0.337	24.885	26.058
:	:	:	:	:	:
α_{141}	TX	27.226	0.332	26.635	27.779
:	:	:	:	:	:
α_{148}	WY	23.209	0.299	22.656	23.686
λ_1	t	-0.005	0.001	-0.007	-0.004
ϕ_1	E(Output Price)	0.018	0.016	0.001	0.058
ξ_{11}	Capital	-0.251	0.026	-0.301	-0.200
ξ_{12}	Land	0.145	0.007	0.131	0.160
ξ_{13}	Labor	-0.165	0.011	-0.186	-0.142
ξ_{14}	Materials	0.253	0.026	0.202	0.303
δ_{11}	E(DD830)	-1.496	0.044	-1.562	-1.406
δ_{12}	E(DD30)	-0.124	0.014	-0.153	-0.097
δ_{13}	E(Precipitation)	-0.179	0.052	-0.275	-0.073
Demand for Land:					
α_{21}	AL	11.741	0.310	11.289	12.401
:	:	:	:	:	:
α_{241}	TX	14.486	0.312	14.028	15.132
:	:	:	:	:	:
α_{248}	WY	12.800	0.283	12.379	13.391
λ_2	t	-0.005	0.000	-0.005	-0.004
ϕ_2	E(Output Price)	0.003	0.003	0.000	0.011
ξ_{21}	Capital	0.170	0.017	0.136	0.203
ξ_{22}	Land	-0.120	0.005	-0.129	-0.110
ξ_{23}	Labor	0.004	0.007	-0.010	0.018
ξ_{24}	Materials	-0.057	0.015	-0.087	-0.027
δ_{21}	E(DD830)	0.087	0.042	-0.003	0.155
δ_{22}	E(DD30)	-0.062	0.010	-0.081	-0.042
δ_{23}	E(Precipitation)	0.285	0.033	0.228	0.357

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Table 7 (continued).

		Est.	St. Err.	2.5%	97.5%
Demand for Labor:					
α_{31}	AL	13.491	1.195	11.711	15.363
:	:	:	:	:	:
α_{341}	TX	15.066	1.188	13.296	16.907
:	:	:	:	:	:
α_{348}	WY	12.592	1.058	11.000	14.212
λ_3	t	-0.008	0.001	-0.009	-0.006
ϕ_3	E(Output Price)	0.014	0.013	0.000	0.049
ξ_{31}	Capital	0.133	0.031	0.071	0.193
ξ_{32}	Land	-0.155	0.009	-0.174	-0.137
ξ_{33}	Labor	-0.253	0.015	-0.281	-0.224
ξ_{34}	Materials	0.261	0.031	0.199	0.323
δ_{31}	E(DD830)	-0.011	0.149	-0.237	0.223
δ_{32}	E(DD30)	0.003	0.018	-0.033	0.039
δ_{33}	E(Precipitation)	0.185	0.064	0.066	0.313
Demand for Materials:					
α_{41}	AL	17.280	1.005	15.930	18.887
:	:	:	:	:	:
α_{441}	TX	18.863	0.996	17.538	20.449
:	:	:	:	:	:
α_{448}	WY	15.831	0.888	14.659	17.222
λ_4	t	0.000	0.000	0.000	0.000
ϕ_4	E(Output Price)	0.004	0.004	0.000	0.016
ξ_{41}	Capital	0.151	0.029	0.094	0.208
ξ_{42}	Land	0.025	0.008	0.009	0.040
ξ_{43}	Labor	0.119	0.012	0.096	0.142
ξ_{44}	Materials	-0.299	0.021	-0.339	-0.258
δ_{41}	E(DD830)	-0.334	0.124	-0.535	-0.165
δ_{42}	E(DD30)	-0.138	0.017	-0.172	-0.105
δ_{43}	E(Precipitation)	0.087	0.062	-0.039	0.201

side of equation (12). The AESNI numbers were computed as residuals. Results for all forty-eight states are presented in Table A2 in the Appendix.

The results reported in Figure 4 and Table A2 indicate that the main drivers of OSME change over time were technical progress and input price change. In the case of Alabama, for example, OSME in 2004 was 32.3% higher than it had been in 1961. This increase can be broken down as follows: OSMEI = ITI $\times$ EEI $\times$ EPI $\times$ WI $\times$ AESNI $= 1.062 \times 1.003 \times 0.999 \times 1.207 \times 1.030 = 1.323$. This decomposition indicates that, in Alabama, (i) technical progress provided for a 6.2% increase in OSME; (ii) changes in expected environmental conditions had virtually no impact on OSME; (iii) changes in expected output prices also had virtually no impact on OSME; (iv) changes in input prices led to a 20.7% increase in OSME; and (v) changes in allocative efficiency and statistical noise led to a 3% increase in OSME.

The results reported in Figure 4 and Table A2 also indicate that the main drivers of OSME change across states were differences in input prices and expectations about environmental conditions. In 1961, for example, Texas farmers were 20% less scale-and-mix efficient than farmers in Alabama. This difference can be broken down as follows: OSMEI = ITI $\times$ EEI $\times$ EPI $\times$ WI $\times$ AESNI $= 1 \times 0.749 \times 1.000 \times 1.028 \times 1.040 =$ 0.800. The reason the ITI component takes the value one is that, again, the model does not allow rates of technical progress to vary across states. The remaining components indicate that, in 1961, (i) levels of OSME in Texas were 25.1% lower than levels in Alabama due to differences in expected environmental conditions; (iii) differences in expected output prices made no difference to levels of OSME; (iv) differences in input prices incentivised Texas farmers to be 2.8% more scale-and-mix efficient than farmers in Alabama; and (v) levels of OSME in Texas were 4% higher than levels in Alabama due to differences in allocative efficiency and statistical noise.

Finally, it is possible to decompose the expected environmental change component of OSME change (i.e., the EEI) into the product of an input-oriented fixed effects index (IFEI) and an expected temperature and precipitation index (ETPI). The IFEI measures the effects of time-invariant environmental variables on OSME; mathematically, the IFEI that compares state i with state k is $\prod_{m=1}^{M} \exp(\alpha_{mi} - \alpha_{mk})^{(\beta_m - \bar{s}_m)}$. The ETPI measures of the effects of expectations about temperature and precipitation on OSME; mathematically, the ETPI that compares expectations in state i in period t with expectations in state k in period s is $\prod_{mj=1}^{M} \prod_{j=1}^{J} (z^e_{jit} / z^e_{jks})^{\delta_{mj}(\beta_m - \bar{s}_m)}$. To illustrate, we previously

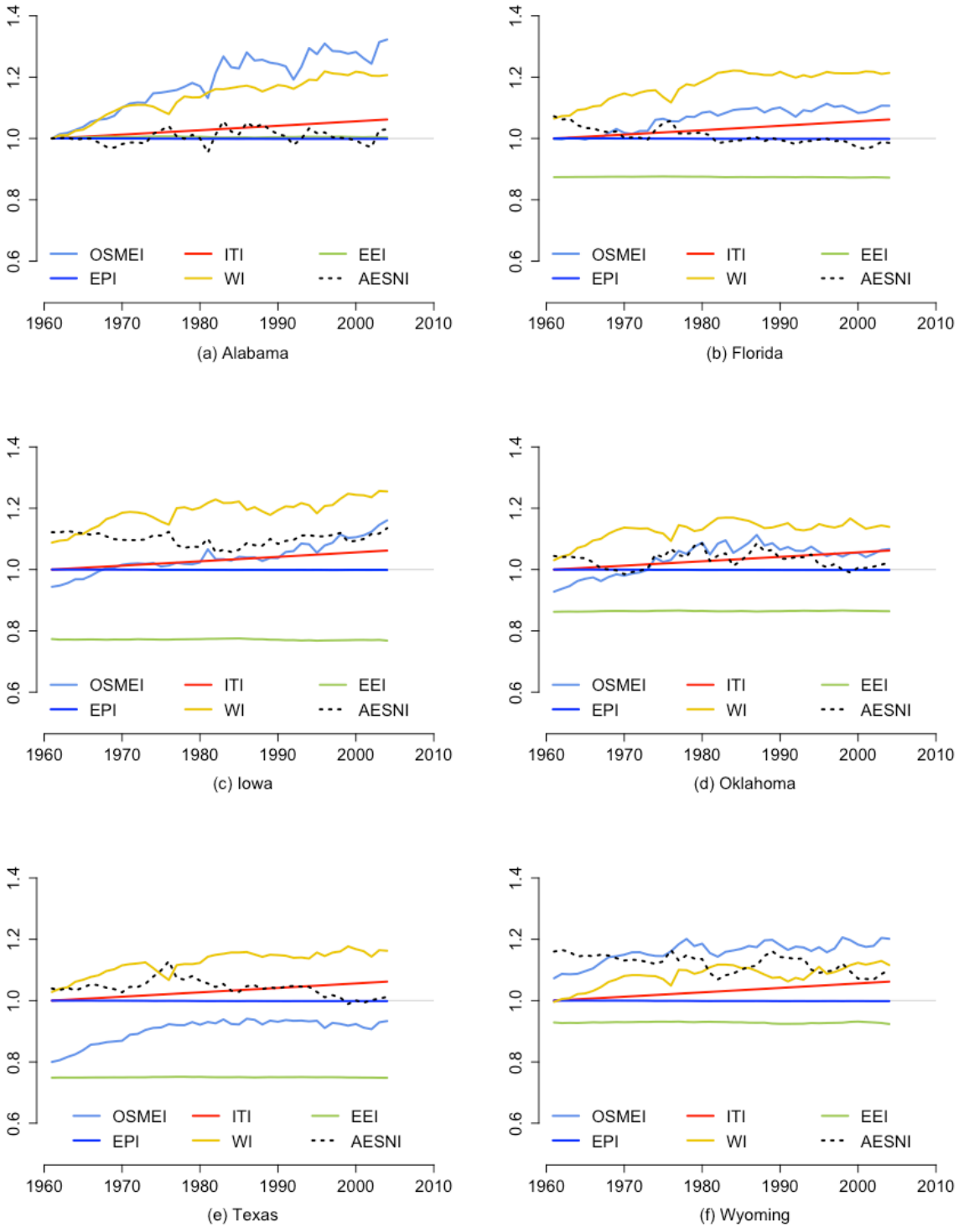

Figure 4: OSME Change in Selected States from 1961 to 2004 (AL in 1961 = 1)

found that, in 1961, levels of OSME in Texas were 25.1% lower than levels in Alabama due to differences in expected environmental conditions. This difference can be broken down as follows: EEI = IFEI $\times$ ETPI $= 0.752 \times 0.996 = 0.749$. This indicates that time-invariant characteristics of the production environment (e.g., soil type and terrain) led Texas farmers to be 24.8% less scale-and-mix efficient than farmers in Alabama, and that, in 1961, differences in expectations about temperature and precipitation accounted for only 0.4% of the difference in OSME. Results for other states and other years also indicate that changes in long-term average temperature and precipitation have a relatively small effect on OSME.

5. Summary and Conclusion

Measuring productivity change involves measuring changes in output and input quantities. Economists tend to use chained Fisher (CF) and chained Törnqvist (CT) indexes to measure changes in quantities over time (see, for example, Schreyer, 2001, p.83), and Elteto-Koves-Szulc (EKS) and Caves-Christensen-Diewert (CCD) indexes to measure changes in quantities across space (see, for example, Coelli et al., 2005, p.117). Unfortunately, these indexes do not satisfy a set of basic axioms from index theory. Relatedly, they yield numbers that are not consistent with measurement theory. The bottom line is they do not accurately measure changes in quantities, or, for that matter, anything else an economist or accountant would recognise.

This paper measured changes in output and input quantities (and therefore productivity) in U.S. agriculture using geometric Young (GY) indexes. GY indexes are multiplicative indexes that use average value shares as measures of relative value. There are three reasons why they are preferred to CF, CT, EKS and CCD indexes: first, they are proper indexes in the sense that that satisfy basic axioms from index theory; second, they yield numbers that are consistent with measurement theory; and, third, they can be used to make valid comparisons across both time and space. Among other things, the paper found that total factor productivity (TFP) in Alabama increased by 77.6% between 1961 and 2004, and that, in 1961, farmers in Texas were 6.7% less productive than farmers in Alabama.

Measuring productivity change is one thing. Explaining it is an entirely different matter. If productivity is defined as a measure of output quantity divided by a measure

of input quantity, as in this paper, then explaining productivity change necessarily involves explaining changes in outputs and inputs. Economists have many models that can be used for this purpose. This paper used a model in which farmers choose outputs and inputs in two stages: first, at the beginning of the production period, farmers choose inputs and planned outputs to maximise expected profits in the face of uncertainty about output prices and one or more characteristics of the production environment (e.g., temperature); and, second, after inputs have been chosen and all environmental variables have been realised, managers seek to maximise the outputs that can be produced using their chosen inputs in their given production environments. These behavioural assumptions gave rise to a stochastic production frontier model and a system of input demand equations.

This paper used the estimated parameters of the stochastic frontier model to decompose GY TFP index numbers into measures of technical progress, environmental change, technical efficiency change, scale-and-mix efficiency change, and changes in statistical noise. The main drivers of TFP change over time were found to be technical progress (i.e., the discovery of new techniques for transforming inputs into outputs) and scale-and-mix efficiency change (i.e., changes in how well farmers captured economies of scale and substitution). The main drivers of TFP change across states were found to be environmental change (i.e., changes in variables that are physically involved in the production process but never within the control of farmers) and, again, scale-and-mix efficiency change. The environmental change component was further decomposed into the product of time-invariant effects and weather effects. The results indicated that changes in weather had a relatively small effect on TFP. The policy implications are that there are two main ways in which governments can improve U.S. agricultural productivity: by improving rates of technical progress, and by increasing levels of scale and mix efficiency. Governments can improve rates of technical progress by conducting, or funding others to conduct, more R&D. They will be best-placed to increase levels of scale-and-mix efficiency if they can identify the drivers of scale-and-mix efficiency change.

This paper used the estimated parameters of the input demand equations to decompose the measure of scale-and-mix efficiency change into a measure of technical progress, a measure of input price change, various measures of changes in expectations, and a measure of changes in allocative efficiency and statistical noise. The main drivers

of scale-and-mix efficiency change over time were found to be technical progress and input price change. The main drivers of TFP differences across states were found to be differences in input prices and expectations about environmental variables. The expected environmental change component was further decomposed into the product of time-invariant effects and expected weather effects. The results indicated that changes in expectations about temperature and precipitation had a relatively small effect on scale and mix efficiency. The policy implications are that there are two main ways in which governments can improve scale and mix efficiency: by improving rates of technical progress, and by changing input prices. Governments can change the prices of capital and labor by changing interest rates and the minimum wage, and they can change the prices of land and materials through taxes and subsidies.

Finally, this paper found that a small proportion of measured productivity change in U.S. agriculture could be attributed to changes in statistical noise. Statistical noise is a combination of functional form errors, omitted variable errors, measurement errors, and included variable errors. Arguably the main source of statistical noise in this paper is errors in the data supplied by the USDA. The USDA measures changes in output and input quantities by dividing revenue and cost indexes by output and input price indexes; so-called implicit quantity indexes are not proper indexes, and they do not yield numbers that are consistent with measurement theory. Until statistical agencies like the USDA start using proper quantity indexes, it seems pointless trying to identify and eliminate other potential sources of statistical noise.

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Table A1: The Components of TFP Change (AL in 1961 = 1).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1961	1	1	1	1	1	1
AR	1961	0.985	1	1.259	0.962	0.934	0.871
AZ	1961	1.316	1	1.294	1.070	0.993	0.957
CA	1961	1.400	1	1.989	0.857	0.941	0.873
CO	1961	0.993	1	1.040	1.047	0.985	0.927
CT	1961	0.980	1	0.917	1.237	0.967	0.893
DE	1961	1.054	1	0.904	1.460	0.921	0.867
FL	1961	1.382	1	1.590	0.998	0.970	0.897
GA	1961	1.077	1	1.329	0.980	0.945	0.876
IA	1961	1.172	1	1.368	0.944	0.984	0.923
ID	1961	1.070	1	1.200	1.026	0.969	0.896
IL	1961	1.200	1	1.258	0.945	1.001	1.008
IN	1961	0.994	1	1.156	0.964	0.979	0.911
KS	1961	1.001	1	1.184	0.942	0.980	0.915
KY	1961	1.014	1	1.157	0.929	0.992	0.951
LA	1961	0.829	1	0.949	1.000	0.971	0.899
MA	1961	1.011	1	0.933	1.170	0.989	0.938
MD	1961	0.896	1	0.954	1.136	0.945	0.876
ME	1961	0.985	1	0.877	1.241	0.983	0.921
MI	1961	0.863	1	1.035	0.938	0.978	0.909
MN	1961	1.040	1	1.191	0.937	0.990	0.942
MO	1961	0.960	1	1.090	0.908	0.996	0.973
MS	1961	0.935	1	1.098	0.925	0.987	0.933
MT	1961	0.788	1	0.935	1.002	0.953	0.881
NC	1961	1.099	1	1.412	0.893	0.971	0.898
ND	1961	0.655	1	0.863	1.001	0.880	0.861
NE	1961	0.942	1	1.264	0.947	0.911	0.864
NH	1961	0.750	1	0.692	1.302	0.948	0.878
NJ	1961	1.183	1	1.014	1.150	1.001	1.013
NM	1961	0.869	1	0.946	1.006	0.985	0.926
NV	1961	0.939	1	0.831	1.322	0.962	0.888
NY	1961	1.115	1	1.121	0.990	1.000	1.004
OH	1961	0.948	1	1.142	0.939	0.976	0.906
OK	1961	0.973	1	1.007	0.928	1.004	1.038
OR	1961	0.820	1	1.014	0.994	0.934	0.871
PA	1961	0.922	1	1.100	0.956	0.973	0.901
RI	1961	0.891	1	0.711	1.546	0.932	0.870
SC	1961	0.937	1	1.045	0.967	0.989	0.938
SD	1961	0.858	1	1.026	1.000	0.951	0.879
TN	1961	0.951	1	0.961	0.941	1.004	1.047
TX	1961	0.933	1	1.198	0.800	0.997	0.976
UT	1961	0.806	1	0.849	1.083	0.973	0.901
VA	1961	0.956	1	1.062	0.951	0.992	0.953
VT	1961	0.919	1	0.764	1.189	1.001	1.011
WA	1961	0.966	1	1.246	1.004	0.896	0.863
WI	1961	0.984	1	1.138	0.927	0.990	0.943
WV	1961	0.678	1	0.605	1.065	1.004	1.048
WY	1961	0.786	1	0.720	1.073	1.002	1.015

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1962	0.941	1.006	0.978	1.014	0.992	0.951
AR	1962	0.993	1.006	1.251	0.969	0.935	0.871
AZ	1962	1.287	1.006	1.272	1.094	0.987	0.932
CA	1962	1.432	1.006	1.994	0.867	0.943	0.874
CO	1962	0.917	1.006	1.038	1.054	0.949	0.878
CT	1962	0.990	1.006	0.924	1.231	0.967	0.894
DE	1962	1.043	1.006	0.900	1.461	0.912	0.865
FL	1962	1.473	1.006	1.584	0.997	0.989	0.938
GA	1962	1.056	1.006	1.315	0.992	0.927	0.869
IA	1962	1.164	1.006	1.392	0.948	0.973	0.901
ID	1962	1.112	1.006	1.193	1.029	0.981	0.918
IL	1962	1.206	1.006	1.240	0.947	1.002	1.019
IN	1962	1.041	1.006	1.170	0.968	0.985	0.927
KS	1962	0.986	1.006	1.182	0.943	0.974	0.903
KY	1962	0.998	1.006	1.130	0.936	0.991	0.947
LA	1962	0.861	1.006	0.925	1.011	0.986	0.929
MA	1962	1.058	1.006	0.925	1.179	0.995	0.968
MD	1962	0.893	1.006	0.950	1.133	0.944	0.875
ME	1962	1.012	1.006	0.876	1.250	0.987	0.932
MI	1962	0.897	1.006	1.029	0.945	0.986	0.931
MN	1962	0.967	1.006	1.237	0.936	0.947	0.877
MO	1962	0.937	1.006	1.066	0.910	0.995	0.966
MS	1962	0.914	1.006	1.080	0.932	0.982	0.919
MT	1962	0.953	1.006	0.966	1.000	0.998	0.983
NC	1962	1.142	1.006	1.437	0.901	0.973	0.901
ND	1962	0.888	1.006	0.867	1.005	1.001	1.012
NE	1962	0.977	1.006	1.246	0.951	0.939	0.873
NH	1962	0.777	1.006	0.690	1.320	0.959	0.884
NJ	1962	1.181	1.006	1.010	1.155	1.001	1.006
NM	1962	0.908	1.006	0.916	1.016	0.996	0.973
NV	1962	1.033	1.006	0.832	1.322	0.990	0.943
NY	1962	1.105	1.006	1.173	0.995	0.992	0.949
OH	1962	0.978	1.006	1.119	0.942	0.988	0.935
OK	1962	0.866	1.006	0.997	0.937	0.987	0.934
OR	1962	0.841	1.006	1.029	0.994	0.937	0.872
PA	1962	0.898	1.006	1.086	0.964	0.962	0.887
RI	1962	0.997	1.006	0.741	1.575	0.959	0.886
SC	1962	0.977	1.006	1.036	0.972	0.996	0.969
SD	1962	0.921	1.006	1.053	1.003	0.968	0.895
TN	1962	0.923	1.006	0.940	0.954	1.002	1.022
TX	1962	0.900	1.006	1.184	0.806	0.991	0.946
UT	1962	0.862	1.006	0.853	1.085	0.989	0.937
VA	1962	0.962	1.006	1.033	0.964	0.995	0.965
VT	1962	0.893	1.006	0.770	1.208	0.994	0.960
WA	1962	1.004	1.006	1.263	1.010	0.906	0.864
WI	1962	1.016	1.006	1.117	0.930	0.997	0.976
WV	1962	0.651	1.006	0.618	1.077	0.997	0.976
WY	1962	0.774	1.006	0.734	1.087	0.996	0.969

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1963	1.063	1.011	0.988	1.018	1.004	1.042
AR	1963	1.032	1.011	1.261	0.978	0.944	0.875
AZ	1963	1.367	1.011	1.273	1.095	0.996	0.973
CA	1963	1.493	1.011	2.015	0.873	0.953	0.881
CO	1963	0.927	1.011	1.029	1.068	0.949	0.878
CT	1963	1.046	1.011	0.885	1.246	0.991	0.946
DE	1963	1.081	1.011	0.889	1.482	0.932	0.870
FL	1963	1.351	1.011	1.584	1.003	0.954	0.881
GA	1963	1.173	1.011	1.323	0.983	0.978	0.911
IA	1963	1.248	1.011	1.396	0.956	0.988	0.936
ID	1963	1.123	1.011	1.184	1.035	0.983	0.922
IL	1963	1.273	1.011	1.240	0.954	1.005	1.059
IN	1963	1.104	1.011	1.144	0.977	0.997	0.979
KS	1963	0.963	1.011	1.168	0.953	0.962	0.888
KY	1963	1.029	1.011	1.143	0.939	0.993	0.955
LA	1963	0.911	1.011	0.928	1.023	0.993	0.956
MA	1963	1.105	1.011	0.877	1.197	1.004	1.037
MD	1963	0.921	1.011	0.941	1.135	0.961	0.887
ME	1963	1.073	1.011	0.838	1.236	1.002	1.023
MI	1963	0.908	1.011	1.016	0.948	0.990	0.941
MN	1963	1.070	1.011	1.203	0.939	0.991	0.945
MO	1963	1.007	1.011	1.072	0.919	1.001	1.009
MS	1963	1.034	1.011	1.078	0.947	1.000	1.002
MT	1963	0.951	1.011	0.949	1.017	0.997	0.977
NC	1963	1.163	1.011	1.408	0.904	0.983	0.920
ND	1963	0.842	1.011	0.872	1.023	0.990	0.943
NE	1963	0.968	1.011	1.195	0.970	0.944	0.875
NH	1963	0.806	1.011	0.676	1.319	0.979	0.912
NJ	1963	1.208	1.011	1.010	1.156	1.002	1.021
NM	1963	0.913	1.011	0.892	1.033	0.998	0.983
NV	1963	1.112	1.011	0.828	1.317	1.001	1.007
NY	1963	1.201	1.011	1.146	1.001	1.003	1.032
OH	1963	1.025	1.011	1.123	0.950	0.993	0.957
OK	1963	0.884	1.011	0.990	0.946	0.990	0.942
OR	1963	0.850	1.011	1.039	1.004	0.927	0.868
PA	1963	0.978	1.011	1.076	0.968	0.989	0.939
RI	1963	1.087	1.011	0.679	1.636	0.996	0.971
SC	1963	1.008	1.011	1.036	0.986	0.997	0.979
SD	1963	0.919	1.011	1.035	1.016	0.967	0.893
TN	1963	0.953	1.011	0.952	0.957	1.003	1.032
TX	1963	0.956	1.011	1.184	0.816	0.997	0.981
UT	1963	0.849	1.011	0.855	1.102	0.978	0.911
VA	1963	0.888	1.011	0.989	0.971	0.985	0.927
VT	1963	0.935	1.011	0.755	1.218	1.001	1.004
WA	1963	1.034	1.011	1.272	1.015	0.915	0.866
WI	1963	0.993	1.011	1.124	0.934	0.990	0.944
WV	1963	0.661	1.011	0.599	1.095	0.999	0.996
WY	1963	0.817	1.011	0.725	1.086	1.002	1.023

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1964	1.047	1.017	0.992	1.028	1.001	1.009
AR	1964	1.101	1.017	1.261	1.000	0.964	0.890
AZ	1964	1.301	1.017	1.272	1.089	0.988	0.935
CA	1964	1.545	1.017	1.999	0.879	0.967	0.894
CO	1964	0.953	1.017	1.028	1.080	0.956	0.883
CT	1964	1.038	1.017	0.889	1.257	0.985	0.927
DE	1964	1.024	1.017	0.890	1.521	0.864	0.861
FL	1964	1.349	1.017	1.592	1.001	0.948	0.877
GA	1964	1.128	1.017	1.331	1.005	0.946	0.876
IA	1964	1.234	1.017	1.387	0.968	0.982	0.920
ID	1964	1.093	1.017	1.178	1.037	0.974	0.903
IL	1964	1.237	1.017	1.227	0.967	1.002	1.022
IN	1964	1.022	1.017	1.140	0.991	0.978	0.910
KS	1964	0.987	1.017	1.168	0.950	0.972	0.900
KY	1964	1.100	1.017	1.126	0.944	1.002	1.015
LA	1964	0.924	1.017	0.934	1.031	0.992	0.951
MA	1964	1.115	1.017	0.902	1.208	1.001	1.005
MD	1964	0.942	1.017	0.942	1.149	0.963	0.889
ME	1964	1.061	1.017	0.845	1.247	0.999	0.990
MI	1964	0.951	1.017	1.005	0.961	0.996	0.972
MN	1964	0.997	1.017	1.178	0.945	0.974	0.903
MO	1964	0.947	1.017	1.075	0.928	0.990	0.943
MS	1964	1.041	1.017	1.079	0.958	0.999	0.991
MT	1964	0.964	1.017	0.947	1.023	0.997	0.982
NC	1964	1.220	1.017	1.405	0.920	0.989	0.938
ND	1964	0.861	1.017	0.868	1.033	0.992	0.951
NE	1964	0.975	1.017	1.212	0.975	0.933	0.870
NH	1964	0.804	1.017	0.681	1.326	0.972	0.900
NJ	1964	1.165	1.017	1.005	1.160	0.998	0.985
NM	1964	0.912	1.017	0.893	1.031	0.997	0.976
NV	1964	1.083	1.017	0.833	1.320	0.996	0.972
NY	1964	1.155	1.017	1.140	1.019	0.997	0.980
OH	1964	1.007	1.017	1.110	0.957	0.990	0.941
OK	1964	0.960	1.017	0.990	0.963	0.999	0.991
OR	1964	0.874	1.017	1.032	1.004	0.946	0.877
PA	1964	0.980	1.017	1.083	0.978	0.984	0.924
RI	1964	1.136	1.017	0.683	1.675	0.997	0.979
SC	1964	1.013	1.017	1.045	1.001	0.993	0.958
SD	1964	0.863	1.017	1.027	1.023	0.929	0.869
TN	1964	0.980	1.017	0.946	0.965	1.005	1.050
TX	1964	0.956	1.017	1.182	0.825	0.995	0.969
UT	1964	0.858	1.017	0.854	1.107	0.979	0.912
VA	1964	1.002	1.017	1.004	0.972	1.001	1.008
VT	1964	0.937	1.017	0.758	1.226	0.999	0.992
WA	1964	1.069	1.017	1.273	1.019	0.931	0.870
WI	1964	1.017	1.017	1.107	0.943	0.995	0.963
WV	1964	0.682	1.017	0.587	1.109	1.003	1.028
WY	1964	0.800	1.017	0.719	1.087	1.001	1.005

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1965	1.056	1.023	0.998	1.038	1.000	0.998
AR	1965	1.140	1.023	1.262	1.012	0.971	0.898
AZ	1965	1.352	1.023	1.281	1.099	0.991	0.947
CA	1965	1.493	1.023	2.014	0.880	0.942	0.874
CO	1965	0.903	1.023	1.049	1.093	0.893	0.862
CT	1965	1.115	1.023	0.900	1.254	0.996	0.970
DE	1965	1.171	1.023	0.900	1.512	0.955	0.881
FL	1965	1.433	1.023	1.602	0.997	0.973	0.902
GA	1965	1.133	1.023	1.332	1.017	0.938	0.872
IA	1965	1.241	1.023	1.397	0.969	0.980	0.914
ID	1965	1.090	1.023	1.196	1.039	0.964	0.890
IL	1965	1.314	1.023	1.244	0.971	1.005	1.057
IN	1965	1.096	1.023	1.152	0.995	0.991	0.944
KS	1965	1.050	1.023	1.186	0.953	0.983	0.923
KY	1965	1.027	1.023	1.138	0.948	0.989	0.940
LA	1965	0.950	1.023	0.935	1.043	0.994	0.959
MA	1965	1.148	1.023	0.898	1.204	1.003	1.035
MD	1965	0.992	1.023	0.949	1.152	0.977	0.908
ME	1965	1.035	1.023	0.855	1.258	0.991	0.949
MI	1965	0.919	1.023	1.017	0.967	0.985	0.927
MN	1965	1.031	1.023	1.203	0.943	0.977	0.908
MO	1965	1.015	1.023	1.077	0.932	0.999	0.990
MS	1965	1.045	1.023	1.096	0.968	0.995	0.968
MT	1965	1.054	1.023	0.959	1.017	1.005	1.051
NC	1965	1.117	1.023	1.429	0.933	0.939	0.872
ND	1965	0.911	1.023	0.875	1.029	0.999	0.991
NE	1965	1.014	1.023	1.223	0.978	0.946	0.876
NH	1965	0.857	1.023	0.687	1.317	0.988	0.937
NJ	1965	1.228	1.023	1.014	1.158	1.002	1.020
NM	1965	0.894	1.023	0.901	1.057	0.986	0.930
NV	1965	1.084	1.023	0.838	1.332	0.993	0.956
NY	1965	1.238	1.023	1.153	1.017	1.003	1.029
OH	1965	1.030	1.023	1.119	0.962	0.990	0.945
OK	1965	1.080	1.023	0.998	0.970	1.007	1.084
OR	1965	0.897	1.023	1.033	1.014	0.952	0.879
PA	1965	1.009	1.023	1.085	0.988	0.987	0.932
RI	1965	1.093	1.023	0.698	1.656	0.988	0.937
SC	1965	1.049	1.023	1.049	1.015	0.995	0.967
SD	1965	0.950	1.023	1.039	1.027	0.970	0.897
TN	1965	0.977	1.023	0.955	0.976	1.002	1.023
TX	1965	1.001	1.023	1.191	0.838	0.998	0.982
UT	1965	0.926	1.023	0.867	1.113	0.991	0.947
VA	1965	0.975	1.023	1.018	0.986	0.993	0.956
VT	1965	0.922	1.023	0.762	1.224	0.996	0.970
WA	1965	1.068	1.023	1.258	1.036	0.924	0.867
WI	1965	1.041	1.023	1.111	0.939	0.997	0.978
WV	1965	0.677	1.023	0.601	1.111	0.999	0.992
WY	1965	0.767	1.023	0.733	1.096	0.990	0.943

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1966	0.950	1.029	0.987	1.055	0.977	0.908
AR	1966	1.113	1.029	1.256	1.049	0.941	0.873
AZ	1966	1.366	1.029	1.275	1.109	0.991	0.947
CA	1966	1.586	1.029	1.985	0.880	0.975	0.905
CO	1966	1.002	1.029	1.035	1.091	0.966	0.892
CT	1966	1.131	1.029	0.884	1.284	0.996	0.972
DE	1966	1.044	1.029	0.884	1.548	0.862	0.860
FL	1966	1.489	1.029	1.602	1.005	0.981	0.916
GA	1966	1.135	1.029	1.329	1.052	0.912	0.865
IA	1966	1.281	1.029	1.378	0.980	0.987	0.934
ID	1966	1.098	1.029	1.170	1.049	0.969	0.897
IL	1966	1.233	1.029	1.218	0.993	0.999	0.991
IN	1966	1.016	1.029	1.139	1.015	0.962	0.888
KS	1966	0.997	1.029	1.172	0.965	0.964	0.889
KY	1966	0.974	1.029	1.122	0.968	0.970	0.898
LA	1966	0.963	1.029	0.935	1.061	0.992	0.951
MA	1966	1.179	1.029	0.910	1.233	1.002	1.019
MD	1966	0.924	1.029	0.931	1.186	0.935	0.871
ME	1966	1.038	1.029	0.846	1.270	0.991	0.947
MI	1966	0.899	1.029	1.006	0.976	0.978	0.910
MN	1966	1.053	1.029	1.186	0.961	0.981	0.916
MO	1966	0.934	1.029	1.071	0.951	0.978	0.910
MS	1966	1.040	1.029	1.077	0.986	0.994	0.958
MT	1966	1.001	1.029	0.943	1.021	1.001	1.009
NC	1966	1.157	1.029	1.409	0.951	0.953	0.881
ND	1966	0.863	1.029	0.861	1.038	0.991	0.946
NE	1966	1.126	1.029	1.219	0.998	0.981	0.917
NH	1966	0.923	1.029	0.672	1.346	0.999	0.993
NJ	1966	1.242	1.029	1.013	1.197	1.000	0.996
NM	1966	0.957	1.029	0.895	1.083	0.995	0.965
NV	1966	1.097	1.029	0.826	1.362	0.993	0.954
NY	1966	1.222	1.029	1.145	1.038	1.000	0.999
OH	1966	1.066	1.029	1.109	0.975	0.995	0.964
OK	1966	0.940	1.029	0.994	0.974	0.992	0.951
OR	1966	0.946	1.029	1.029	1.042	0.964	0.890
PA	1966	0.967	1.029	1.059	0.999	0.977	0.909
RI	1966	1.124	1.029	0.687	1.682	0.992	0.952
SC	1966	1.019	1.029	1.041	1.055	0.982	0.918
SD	1966	0.942	1.029	1.025	1.032	0.967	0.894
TN	1966	0.885	1.029	0.943	0.982	0.989	0.940
TX	1966	0.992	1.029	1.193	0.856	0.992	0.951
UT	1966	0.883	1.029	0.851	1.141	0.976	0.906
VA	1966	0.923	1.029	1.009	1.008	0.975	0.904
VT	1966	1.001	1.029	0.750	1.243	1.004	1.040
WA	1966	1.131	1.029	1.275	1.045	0.944	0.875
WI	1966	1.053	1.029	1.093	0.956	0.998	0.982
WV	1966	0.625	1.029	0.592	1.140	0.981	0.917
WY	1966	0.811	1.029	0.718	1.105	0.999	0.995

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1967	0.865	1.035	1.002	1.061	0.909	0.864
AR	1967	1.037	1.035	1.261	1.044	0.883	0.861
AZ	1967	1.335	1.035	1.297	1.114	0.979	0.912
CA	1967	1.570	1.035	1.999	0.905	0.953	0.880
CO	1967	0.989	1.035	1.051	1.092	0.950	0.878
CT	1967	1.109	1.035	0.915	1.344	0.970	0.897
DE	1967	1.339	1.035	0.920	1.608	0.972	0.900
FL	1967	1.560	1.035	1.594	1.001	0.992	0.953
GA	1967	1.225	1.035	1.335	1.059	0.952	0.880
IA	1967	1.325	1.035	1.373	0.994	0.991	0.947
ID	1967	1.199	1.035	1.211	1.074	0.978	0.911
IL	1967	1.359	1.035	1.254	0.998	1.004	1.046
IN	1967	1.119	1.035	1.159	1.041	0.980	0.914
KS	1967	1.061	1.035	1.192	0.978	0.975	0.903
KY	1967	1.106	1.035	1.165	0.968	0.993	0.954
LA	1967	1.002	1.035	0.941	1.086	0.993	0.955
MA	1967	1.122	1.035	0.928	1.285	0.984	0.924
MD	1967	1.082	1.035	0.968	1.208	0.980	0.913
ME	1967	1.062	1.035	0.870	1.331	0.977	0.908
MI	1967	0.894	1.035	1.045	0.993	0.949	0.878
MN	1967	1.079	1.035	1.213	0.972	0.976	0.906
MO	1967	0.970	1.035	1.088	0.962	0.980	0.914
MS	1967	0.993	1.035	1.103	1.017	0.963	0.889
MT	1967	1.021	1.035	0.948	1.031	1.001	1.008
NC	1967	1.218	1.035	1.427	0.965	0.962	0.888
ND	1967	0.857	1.035	0.866	1.051	0.984	0.925
NE	1967	1.137	1.035	1.260	1.009	0.968	0.894
NH	1967	0.873	1.035	0.702	1.405	0.963	0.889
NJ	1967	1.212	1.035	1.020	1.230	0.990	0.943
NM	1967	0.893	1.035	0.926	1.105	0.956	0.882
NV	1967	1.044	1.035	0.844	1.326	0.982	0.918
NY	1967	1.245	1.035	1.135	1.057	1.000	1.003
OH	1967	1.036	1.035	1.130	0.985	0.981	0.917
OK	1967	0.924	1.035	1.005	0.962	0.988	0.935
OR	1967	0.944	1.035	1.014	1.062	0.958	0.884
PA	1967	1.076	1.035	1.102	1.007	0.991	0.946
RI	1967	1.057	1.035	0.709	1.700	0.958	0.885
SC	1967	1.088	1.035	1.056	1.068	0.990	0.942
SD	1967	1.017	1.035	1.037	1.043	0.984	0.923
TN	1967	0.863	1.035	0.971	1.013	0.958	0.885
TX	1967	0.933	1.035	1.190	0.859	0.975	0.904
UT	1967	0.987	1.035	0.855	1.155	0.996	0.970
VA	1967	0.997	1.035	1.064	1.017	0.978	0.910
VT	1967	0.967	1.035	0.776	1.303	0.988	0.935
WA	1967	1.159	1.035	1.247	1.075	0.951	0.879
WI	1967	1.054	1.035	1.128	0.972	0.989	0.939
WV	1967	0.723	1.035	0.623	1.145	0.998	0.983
WY	1967	0.884	1.035	0.736	1.124	1.003	1.030

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1968	0.909	1.041	0.982	1.064	0.951	0.879
AR	1968	1.157	1.041	1.264	1.046	0.954	0.881
AZ	1968	1.383	1.041	1.285	1.128	0.986	0.929
CA	1968	1.655	1.041	2.002	0.901	0.975	0.905
CO	1968	1.046	1.041	1.038	1.082	0.980	0.913
CT	1968	1.080	1.041	0.892	1.350	0.966	0.892
DE	1968	1.231	1.041	0.884	1.619	0.944	0.875
FL	1968	1.485	1.041	1.592	1.018	0.975	0.904
GA	1968	1.146	1.041	1.314	1.065	0.910	0.864
IA	1968	1.339	1.041	1.382	1.005	0.989	0.938
ID	1968	1.209	1.041	1.185	1.097	0.979	0.913
IL	1968	1.290	1.041	1.233	1.016	0.999	0.991
IN	1968	1.162	1.041	1.144	1.052	0.989	0.938
KS	1968	1.122	1.041	1.178	0.991	0.988	0.935
KY	1968	1.054	1.041	1.129	0.994	0.982	0.919
LA	1968	1.087	1.041	0.940	1.098	1.001	1.011
MA	1968	1.140	1.041	0.899	1.288	0.992	0.953
MD	1968	1.036	1.041	0.938	1.223	0.970	0.896
ME	1968	1.133	1.041	0.849	1.353	0.993	0.955
MI	1968	0.954	1.041	1.017	1.006	0.981	0.915
MN	1968	1.127	1.041	1.198	0.984	0.987	0.931
MO	1968	1.088	1.041	1.076	0.975	1.000	0.996
MS	1968	1.090	1.041	1.089	1.017	0.992	0.952
MT	1968	1.095	1.041	0.956	1.044	1.004	1.050
NC	1968	1.157	1.041	1.413	0.981	0.925	0.868
ND	1968	0.939	1.041	0.868	1.055	0.998	0.987
NE	1968	1.136	1.041	1.224	1.018	0.972	0.901
NH	1968	0.890	1.041	0.680	1.411	0.979	0.911
NJ	1968	1.195	1.041	1.015	1.241	0.985	0.925
NM	1968	0.924	1.041	0.905	1.091	0.981	0.917
NV	1968	1.036	1.041	0.819	1.328	0.986	0.929
NY	1968	1.199	1.041	1.150	1.066	0.991	0.949
OH	1968	1.109	1.041	1.119	0.999	0.994	0.960
OK	1968	0.980	1.041	1.003	0.976	0.995	0.967
OR	1968	0.983	1.041	1.021	1.072	0.967	0.893
PA	1968	1.034	1.041	1.077	1.023	0.982	0.918
RI	1968	1.063	1.041	0.689	1.689	0.973	0.902
SC	1968	0.976	1.041	1.032	1.080	0.955	0.881
SD	1968	1.047	1.041	1.037	1.049	0.988	0.936
TN	1968	0.915	1.041	0.942	1.017	0.986	0.931
TX	1968	0.978	1.041	1.199	0.864	0.983	0.922
UT	1968	0.971	1.041	0.860	1.171	0.988	0.937
VA	1968	0.982	1.041	1.014	1.027	0.983	0.922
VT	1968	0.979	1.041	0.752	1.323	0.993	0.953
WA	1968	1.180	1.041	1.255	1.077	0.953	0.881
WI	1968	1.093	1.041	1.107	0.976	0.997	0.976
WV	1968	0.689	1.041	0.600	1.164	0.993	0.955
WY	1968	0.834	1.041	0.732	1.142	0.995	0.965

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1969	0.984	1.047	0.983	1.074	0.978	0.911
AR	1969	1.155	1.047	1.255	1.042	0.956	0.883
AZ	1969	1.451	1.047	1.268	1.137	0.995	0.967
CA	1969	1.699	1.047	1.996	0.904	0.981	0.917
CO	1969	1.044	1.047	1.037	1.097	0.973	0.901
CT	1969	1.106	1.047	0.905	1.368	0.962	0.888
DE	1969	1.436	1.047	0.902	1.605	0.993	0.955
FL	1969	1.609	1.047	1.589	1.031	0.991	0.947
GA	1969	1.208	1.047	1.321	1.084	0.929	0.869
IA	1969	1.319	1.047	1.376	1.006	0.984	0.925
ID	1969	1.223	1.047	1.194	1.096	0.979	0.912
IL	1969	1.336	1.047	1.244	1.018	1.001	1.007
IN	1969	1.218	1.047	1.161	1.060	0.992	0.953
KS	1969	1.182	1.047	1.178	1.010	0.993	0.955
KY	1969	1.109	1.047	1.130	1.010	0.989	0.939
LA	1969	1.044	1.047	0.927	1.121	0.995	0.965
MA	1969	1.170	1.047	0.899	1.316	0.992	0.952
MD	1969	1.153	1.047	0.950	1.231	0.992	0.951
ME	1969	1.126	1.047	0.856	1.367	0.987	0.932
MI	1969	0.955	1.047	1.030	1.018	0.970	0.897
MN	1969	1.109	1.047	1.198	0.988	0.980	0.914
MO	1969	0.978	1.047	1.066	0.980	0.979	0.913
MS	1969	1.119	1.047	1.083	1.039	0.993	0.957
MT	1969	1.029	1.047	0.944	1.045	1.000	0.997
NC	1969	1.247	1.047	1.413	0.996	0.957	0.884
ND	1969	0.918	1.047	0.865	1.061	0.994	0.962
NE	1969	1.227	1.047	1.230	1.025	0.989	0.940
NH	1969	0.882	1.047	0.692	1.438	0.957	0.884
NJ	1969	1.226	1.047	1.008	1.245	0.990	0.943
NM	1969	0.909	1.047	0.916	1.119	0.958	0.884
NV	1969	1.179	1.047	0.829	1.359	1.000	1.000
NY	1969	1.214	1.047	1.134	1.068	0.995	0.963
OH	1969	1.085	1.047	1.132	1.008	0.984	0.923
OK	1969	0.958	1.047	0.993	0.984	0.991	0.945
OR	1969	1.026	1.047	1.029	1.075	0.977	0.907
PA	1969	1.039	1.047	1.089	1.039	0.973	0.901
RI	1969	1.138	1.047	0.694	1.749	0.980	0.914
SC	1969	1.061	1.047	1.038	1.096	0.979	0.911
SD	1969	0.991	1.047	1.031	1.053	0.971	0.899
TN	1969	0.974	1.047	0.939	1.031	0.995	0.966
TX	1969	0.941	1.047	1.183	0.867	0.973	0.901
UT	1969	0.970	1.047	0.852	1.180	0.988	0.934
VA	1969	1.015	1.047	1.020	1.037	0.986	0.929
VT	1969	0.999	1.047	0.761	1.339	0.991	0.945
WA	1969	1.163	1.047	1.272	1.077	0.932	0.870
WI	1969	1.034	1.047	1.110	0.984	0.983	0.921
WV	1969	0.701	1.047	0.608	1.173	0.991	0.947
WY	1969	0.849	1.047	0.720	1.145	0.998	0.986

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1970	0.995	1.053	0.989	1.101	0.969	0.896
AR	1970	1.197	1.053	1.258	1.065	0.959	0.885
AZ	1970	1.423	1.053	1.279	1.141	0.989	0.937
CA	1970	1.654	1.053	1.990	0.895	0.975	0.904
CO	1970	1.084	1.053	1.031	1.104	0.983	0.920
CT	1970	1.111	1.053	0.897	1.382	0.960	0.886
DE	1970	1.379	1.053	0.913	1.597	0.981	0.916
FL	1970	1.481	1.053	1.594	1.018	0.969	0.895
GA	1970	1.256	1.053	1.325	1.085	0.947	0.876
IA	1970	1.301	1.053	1.377	1.016	0.976	0.906
ID	1970	1.223	1.053	1.190	1.107	0.975	0.904
IL	1970	1.234	1.053	1.241	1.026	0.987	0.933
IN	1970	1.119	1.053	1.140	1.059	0.975	0.904
KS	1970	1.153	1.053	1.167	1.016	0.988	0.935
KY	1970	1.084	1.053	1.138	1.021	0.976	0.907
LA	1970	1.134	1.053	0.934	1.149	1.000	1.003
MA	1970	1.243	1.053	0.890	1.330	1.000	0.998
MD	1970	1.136	1.053	0.961	1.236	0.984	0.923
ME	1970	1.136	1.053	0.851	1.381	0.987	0.931
MI	1970	0.957	1.053	1.031	1.020	0.968	0.894
MN	1970	1.150	1.053	1.189	0.998	0.987	0.933
MO	1970	0.972	1.053	1.077	0.976	0.974	0.902
MS	1970	1.116	1.053	1.079	1.036	0.993	0.955
MT	1970	1.006	1.053	0.942	1.058	0.994	0.963
NC	1970	1.288	1.053	1.401	1.001	0.971	0.898
ND	1970	0.856	1.053	0.865	1.075	0.972	0.900
NE	1970	1.109	1.053	1.224	1.036	0.948	0.877
NH	1970	0.886	1.053	0.695	1.461	0.946	0.876
NJ	1970	1.205	1.053	1.010	1.253	0.983	0.921
NM	1970	0.910	1.053	0.924	1.131	0.945	0.875
NV	1970	1.151	1.053	0.826	1.352	0.998	0.981
NY	1970	1.246	1.053	1.138	1.078	0.996	0.969
OH	1970	1.098	1.053	1.128	1.020	0.984	0.922
OK	1970	0.928	1.053	0.989	0.980	0.984	0.924
OR	1970	1.016	1.053	1.018	1.085	0.972	0.899
PA	1970	1.082	1.053	1.118	1.041	0.975	0.905
RI	1970	1.201	1.053	0.700	1.770	0.987	0.933
SC	1970	1.032	1.053	1.035	1.093	0.968	0.895
SD	1970	0.949	1.053	1.027	1.065	0.943	0.874
TN	1970	0.945	1.053	0.950	1.034	0.985	0.927
TX	1970	0.971	1.053	1.187	0.869	0.980	0.913
UT	1970	0.999	1.053	0.850	1.198	0.990	0.942
VA	1970	1.019	1.053	1.017	1.048	0.984	0.923
VT	1970	1.054	1.053	0.761	1.359	0.996	0.972
WA	1970	1.154	1.053	1.248	1.068	0.941	0.874
WI	1970	1.054	1.053	1.125	0.992	0.981	0.915
WV	1970	0.711	1.053	0.596	1.181	0.995	0.964
WY	1970	0.861	1.053	0.722	1.150	0.998	0.988

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1971	1.123	1.056	0.996	1.114	0.995	0.964
AR	1971	1.229	1.056	1.261	1.067	0.968	0.894
AZ	1971	1.358	1.056	1.279	1.154	0.971	0.898
CA	1971	1.645	1.056	1.998	0.911	0.963	0.889
CO	1971	1.079	1.056	1.036	1.124	0.974	0.902
CT	1971	1.171	1.056	0.906	1.395	0.973	0.902
DE	1971	1.429	1.056	0.911	1.617	0.986	0.931
FL	1971	1.612	1.056	1.593	1.015	0.992	0.952
GA	1971	1.394	1.056	1.335	1.090	0.983	0.922
IA	1971	1.424	1.056	1.377	1.019	0.995	0.966
ID	1971	1.291	1.056	1.185	1.116	0.988	0.936
IL	1971	1.428	1.056	1.240	1.022	1.005	1.062
IN	1971	1.289	1.056	1.145	1.050	1.001	1.014
KS	1971	1.287	1.056	1.179	1.019	1.001	1.013
KY	1971	1.129	1.056	1.143	1.025	0.985	0.926
LA	1971	1.114	1.056	0.936	1.151	0.998	0.981
MA	1971	1.288	1.056	0.905	1.325	1.002	1.015
MD	1971	1.127	1.056	0.966	1.239	0.979	0.911
ME	1971	1.229	1.056	0.860	1.407	0.995	0.966
MI	1971	0.997	1.056	1.009	1.036	0.982	0.920
MN	1971	1.239	1.056	1.201	1.001	0.997	0.978
MO	1971	1.133	1.056	1.078	0.981	1.002	1.014
MS	1971	1.176	1.056	1.082	1.056	0.997	0.978
MT	1971	1.048	1.056	0.937	1.050	1.001	1.008
NC	1971	1.325	1.056	1.422	1.010	0.972	0.900
ND	1971	1.068	1.056	0.866	1.074	1.006	1.080
NE	1971	1.261	1.056	1.240	1.034	0.990	0.942
NH	1971	1.005	1.056	0.693	1.510	0.984	0.925
NJ	1971	1.229	1.056	1.013	1.253	0.986	0.930
NM	1971	0.902	1.056	0.922	1.133	0.938	0.872
NV	1971	1.175	1.056	0.836	1.373	0.996	0.973
NY	1971	1.275	1.056	1.135	1.078	0.998	0.988
OH	1971	1.194	1.056	1.125	1.019	0.998	0.988
OK	1971	0.851	1.056	0.998	0.987	0.939	0.873
OR	1971	1.076	1.056	1.016	1.091	0.987	0.932
PA	1971	1.091	1.056	1.102	1.052	0.979	0.911
RI	1971	1.240	1.056	0.702	1.780	0.991	0.949
SC	1971	1.156	1.056	1.053	1.108	0.991	0.947
SD	1971	1.090	1.056	1.032	1.070	0.990	0.944
TN	1971	1.021	1.056	0.954	1.037	0.997	0.980
TX	1971	0.925	1.056	1.194	0.889	0.944	0.875
UT	1971	1.047	1.056	0.850	1.203	0.996	0.973
VA	1971	1.050	1.056	1.028	1.053	0.987	0.931
VT	1971	1.110	1.056	0.775	1.372	0.999	0.990
WA	1971	1.246	1.056	1.244	1.079	0.974	0.903
WI	1971	1.160	1.056	1.130	0.995	0.997	0.980
WV	1971	0.755	1.056	0.603	1.187	1.000	0.999
WY	1971	0.911	1.056	0.725	1.157	1.003	1.025

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1972	1.124	1.059	0.990	1.117	0.995	0.964
AR	1972	1.275	1.059	1.258	1.069	0.980	0.914
AZ	1972	1.365	1.059	1.276	1.162	0.970	0.896
CA	1972	1.746	1.059	1.988	0.902	0.987	0.932
CO	1972	1.085	1.059	1.045	1.137	0.966	0.892
CT	1972	1.095	1.059	0.918	1.363	0.945	0.875
DE	1972	1.540	1.059	0.900	1.616	1.000	1.000
FL	1972	1.666	1.059	1.596	1.024	0.995	0.967
GA	1972	1.369	1.059	1.328	1.093	0.978	0.910
IA	1972	1.417	1.059	1.385	1.020	0.993	0.954
ID	1972	1.291	1.059	1.193	1.115	0.986	0.930
IL	1972	1.388	1.059	1.244	1.024	1.003	1.026
IN	1972	1.196	1.059	1.149	1.048	0.991	0.947
KS	1972	1.255	1.059	1.187	1.031	0.996	0.972
KY	1972	1.118	1.059	1.141	1.033	0.980	0.914
LA	1972	1.135	1.059	0.933	1.147	1.000	1.000
MA	1972	1.238	1.059	0.951	1.325	0.989	0.938
MD	1972	1.160	1.059	0.954	1.236	0.989	0.939
ME	1972	1.276	1.059	0.878	1.390	0.999	0.989
MI	1972	1.068	1.059	1.030	1.045	0.991	0.946
MN	1972	1.184	1.059	1.199	1.011	0.987	0.934
MO	1972	1.086	1.059	1.075	0.992	0.995	0.966
MS	1972	1.213	1.059	1.081	1.067	0.999	0.994
MT	1972	1.056	1.059	0.961	1.051	0.998	0.988
NC	1972	1.371	1.059	1.427	1.031	0.974	0.903
ND	1972	0.985	1.059	0.863	1.068	1.001	1.008
NE	1972	1.219	1.059	1.287	1.036	0.967	0.893
NH	1972	1.067	1.059	0.685	1.535	0.994	0.963
NJ	1972	1.150	1.059	1.020	1.248	0.962	0.888
NM	1972	0.898	1.059	0.921	1.163	0.916	0.865
NV	1972	1.084	1.059	0.833	1.349	0.984	0.925
NY	1972	1.159	1.059	1.146	1.082	0.975	0.905
OH	1972	1.141	1.059	1.129	1.024	0.990	0.942
OK	1972	0.896	1.059	0.999	0.991	0.963	0.888
OR	1972	1.125	1.059	1.023	1.111	0.990	0.944
PA	1972	1.062	1.059	1.092	1.052	0.971	0.898
RI	1972	1.178	1.059	0.717	1.754	0.976	0.906
SC	1972	1.099	1.059	1.050	1.113	0.978	0.909
SD	1972	1.115	1.059	1.041	1.078	0.991	0.947
TN	1972	0.981	1.059	0.957	1.039	0.990	0.942
TX	1972	0.952	1.059	1.197	0.891	0.955	0.882
UT	1972	1.045	1.059	0.851	1.212	0.995	0.963
VA	1972	1.065	1.059	1.038	1.060	0.985	0.927
VT	1972	1.075	1.059	0.766	1.380	0.995	0.965
WA	1972	1.289	1.059	1.259	1.092	0.976	0.907
WI	1972	1.113	1.059	1.126	1.004	0.989	0.940
WV	1972	0.736	1.059	0.604	1.204	0.994	0.961
WY	1972	0.873	1.059	0.731	1.158	0.997	0.977

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1973	1.041	1.062	0.998	1.116	0.974	0.903
AR	1973	1.252	1.062	1.256	1.077	0.970	0.897
AZ	1973	1.400	1.062	1.287	1.161	0.975	0.904
CA	1973	1.755	1.062	1.993	0.903	0.986	0.930
CO	1973	1.113	1.062	1.035	1.112	0.984	0.925
CT	1973	1.091	1.062	0.893	1.363	0.956	0.883
DE	1973	1.536	1.062	0.896	1.622	0.999	0.995
FL	1973	1.718	1.062	1.596	1.025	0.999	0.990
GA	1973	1.304	1.062	1.335	1.091	0.955	0.882
IA	1973	1.442	1.062	1.378	1.019	0.996	0.971
ID	1973	1.264	1.062	1.200	1.124	0.975	0.904
IL	1973	1.363	1.062	1.251	1.020	1.001	1.005
IN	1973	1.182	1.062	1.158	1.043	0.987	0.933
KS	1973	1.287	1.062	1.177	1.022	1.001	1.006
KY	1973	1.089	1.062	1.145	1.042	0.965	0.890
LA	1973	1.057	1.062	0.940	1.163	0.984	0.924
MA	1973	1.205	1.062	0.900	1.314	0.995	0.964
MD	1973	1.153	1.062	0.947	1.235	0.989	0.939
ME	1973	1.118	1.062	0.851	1.391	0.978	0.909
MI	1973	1.024	1.062	1.019	1.050	0.981	0.917
MN	1973	1.262	1.062	1.196	0.998	0.999	0.995
MO	1973	1.067	1.062	1.082	0.988	0.991	0.947
MS	1973	1.196	1.062	1.090	1.084	0.994	0.959
MT	1973	0.991	1.062	0.946	1.053	0.991	0.945
NC	1973	1.427	1.062	1.410	1.040	0.986	0.929
ND	1973	0.985	1.062	0.865	1.080	0.999	0.993
NE	1973	1.208	1.062	1.226	1.035	0.980	0.914
NH	1973	1.006	1.062	0.682	1.530	0.984	0.922
NJ	1973	1.166	1.062	1.012	1.255	0.967	0.893
NM	1973	0.923	1.062	0.908	1.145	0.951	0.879
NV	1973	1.135	1.062	0.836	1.352	0.992	0.952
NY	1973	1.199	1.062	1.129	1.077	0.989	0.939
OH	1973	1.035	1.062	1.133	1.018	0.957	0.883
OK	1973	1.046	1.062	1.003	0.999	0.998	0.984
OR	1973	1.068	1.062	1.018	1.113	0.977	0.908
PA	1973	1.068	1.062	1.082	1.041	0.979	0.912
RI	1973	1.187	1.062	0.684	1.786	0.985	0.928
SC	1973	1.113	1.062	1.052	1.132	0.974	0.903
SD	1973	1.068	1.062	1.024	1.067	0.987	0.933
TN	1973	0.975	1.062	0.955	1.049	0.986	0.928
TX	1973	1.101	1.062	1.197	0.904	0.994	0.963
UT	1973	1.072	1.062	0.854	1.207	0.998	0.982
VA	1973	1.046	1.062	1.016	1.067	0.984	0.924
VT	1973	1.055	1.062	0.763	1.375	0.993	0.954
WA	1973	1.258	1.062	1.246	1.092	0.969	0.897
WI	1973	1.075	1.062	1.117	1.005	0.982	0.918
WV	1973	0.702	1.062	0.600	1.204	0.986	0.929
WY	1973	0.845	1.062	0.723	1.150	0.994	0.962

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1974	1.191	1.066	0.999	1.147	0.997	0.978
AR	1974	1.206	1.066	1.258	1.091	0.943	0.874
AZ	1974	1.523	1.066	1.286	1.161	0.994	0.962
CA	1974	1.824	1.066	2.004	0.901	0.993	0.955
CO	1974	1.100	1.066	1.033	1.072	0.990	0.943
CT	1974	1.133	1.066	0.905	1.402	0.952	0.880
DE	1974	1.533	1.066	0.903	1.605	0.999	0.993
FL	1974	1.847	1.066	1.603	1.061	1.002	1.018
GA	1974	1.528	1.066	1.336	1.120	0.995	0.963
IA	1974	1.345	1.066	1.375	1.022	0.981	0.916
ID	1974	1.257	1.066	1.189	1.138	0.971	0.898
IL	1974	1.209	1.066	1.247	1.033	0.974	0.904
IN	1974	1.084	1.066	1.132	1.072	0.952	0.880
KS	1974	1.225	1.066	1.171	1.020	0.995	0.967
KY	1974	1.171	1.066	1.157	1.060	0.980	0.915
LA	1974	1.075	1.066	0.940	1.164	0.987	0.933
MA	1974	1.254	1.066	0.954	1.375	0.980	0.915
MD	1974	1.187	1.066	0.958	1.243	0.990	0.945
ME	1974	1.061	1.066	0.866	1.454	0.914	0.865
MI	1974	1.018	1.066	1.017	1.075	0.971	0.899
MN	1974	1.139	1.066	1.185	0.984	0.986	0.929
MO	1974	1.012	1.066	1.086	0.995	0.974	0.902
MS	1974	1.189	1.066	1.078	1.112	0.989	0.941
MT	1974	1.037	1.066	0.948	1.045	0.998	0.984
NC	1974	1.528	1.066	1.399	1.067	0.995	0.966
ND	1974	0.931	1.066	0.863	1.065	0.993	0.957
NE	1974	1.091	1.066	1.251	1.005	0.935	0.871
NH	1974	0.946	1.066	0.688	1.547	0.950	0.878
NJ	1974	1.205	1.066	1.010	1.251	0.979	0.914
NM	1974	0.866	1.066	0.922	1.131	0.902	0.863
NV	1974	1.054	1.066	0.840	1.328	0.977	0.908
NY	1974	1.225	1.066	1.137	1.089	0.989	0.938
OH	1974	1.120	1.066	1.129	1.044	0.979	0.911
OK	1974	1.056	1.066	0.998	1.038	0.994	0.962
OR	1974	1.169	1.066	1.021	1.130	0.993	0.958
PA	1974	1.060	1.066	1.099	1.027	0.975	0.904
RI	1974	1.107	1.066	0.697	1.773	0.954	0.881
SC	1974	1.198	1.066	1.053	1.164	0.986	0.930
SD	1974	1.004	1.066	1.022	1.039	0.977	0.908
TN	1974	1.009	1.066	0.961	1.096	0.981	0.916
TX	1974	1.069	1.066	1.191	0.911	0.988	0.935
UT	1974	1.050	1.066	0.848	1.200	0.996	0.972
VA	1974	1.111	1.066	1.028	1.108	0.986	0.928
VT	1974	1.083	1.066	0.770	1.415	0.990	0.942
WA	1974	1.313	1.066	1.257	1.095	0.980	0.913
WI	1974	1.075	1.066	1.144	1.000	0.975	0.904
WV	1974	0.705	1.066	0.597	1.205	0.987	0.932
WY	1974	0.903	1.066	0.721	1.146	1.002	1.023

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1975	1.278	1.069	1.003	1.150	1.003	1.034
AR	1975	1.505	1.069	1.256	1.103	1.002	1.014
AZ	1975	1.475	1.069	1.290	1.150	0.989	0.940
CA	1975	1.794	1.069	2.006	0.889	0.992	0.949
CO	1975	1.109	1.069	1.038	1.080	0.988	0.936
CT	1975	1.210	1.069	0.892	1.382	0.986	0.930
DE	1975	1.575	1.069	0.902	1.593	1.002	1.023
FL	1975	2.028	1.069	1.594	1.064	1.008	1.109
GA	1975	1.586	1.069	1.337	1.138	0.997	0.978
IA	1975	1.339	1.069	1.384	1.010	0.980	0.915
ID	1975	1.284	1.069	1.195	1.157	0.969	0.896
IL	1975	1.336	1.069	1.244	1.033	0.997	0.976
IN	1975	1.186	1.069	1.141	1.063	0.986	0.928
KS	1975	1.294	1.069	1.179	1.025	1.000	1.002
KY	1975	1.120	1.069	1.138	1.060	0.969	0.896
LA	1975	1.258	1.069	0.945	1.186	1.004	1.046
MA	1975	1.307	1.069	0.884	1.359	1.002	1.016
MD	1975	1.268	1.069	0.953	1.253	0.999	0.995
ME	1975	1.263	1.069	0.847	1.436	0.997	0.974
MI	1975	1.168	1.069	1.029	1.090	0.997	0.977
MN	1975	1.149	1.069	1.185	0.985	0.987	0.932
MO	1975	1.067	1.069	1.087	0.983	0.990	0.943
MS	1975	1.369	1.069	1.081	1.155	1.002	1.023
MT	1975	1.142	1.069	0.955	1.079	1.003	1.033
NC	1975	1.617	1.069	1.413	1.092	0.998	0.982
ND	1975	1.013	1.069	0.868	1.084	1.001	1.007
NE	1975	1.221	1.069	1.211	0.997	0.992	0.953
NH	1975	1.118	1.069	0.687	1.540	0.999	0.990
NJ	1975	1.139	1.069	1.016	1.246	0.955	0.882
NM	1975	0.944	1.069	0.896	1.127	0.972	0.900
NV	1975	1.082	1.069	0.826	1.317	0.989	0.940
NY	1975	1.236	1.069	1.140	1.086	0.990	0.943
OH	1975	1.199	1.069	1.128	1.052	0.992	0.953
OK	1975	1.167	1.069	1.008	1.025	1.005	1.051
OR	1975	1.179	1.069	1.027	1.103	0.997	0.977
PA	1975	1.065	1.069	1.085	1.029	0.979	0.912
RI	1975	1.327	1.069	0.681	1.765	1.003	1.030
SC	1975	1.314	1.069	1.044	1.146	1.002	1.024
SD	1975	1.038	1.069	1.027	1.042	0.984	0.922
TN	1975	1.095	1.069	0.957	1.105	0.996	0.972
TX	1975	1.209	1.069	1.201	0.912	1.003	1.029
UT	1975	1.038	1.069	0.858	1.189	0.994	0.958
VA	1975	1.119	1.069	0.993	1.103	0.994	0.961
VT	1975	1.145	1.069	0.764	1.403	1.000	0.999
WA	1975	1.412	1.069	1.256	1.090	0.996	0.969
WI	1975	1.099	1.069	1.119	0.996	0.988	0.934
WV	1975	0.722	1.069	0.601	1.223	0.987	0.931
WY	1975	0.885	1.069	0.724	1.145	1.000	0.998

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1976	1.196	1.072	0.995	1.154	0.997	0.974
AR	1976	1.338	1.072	1.258	1.115	0.978	0.909
AZ	1976	1.509	1.072	1.285	1.161	0.992	0.951
CA	1976	1.825	1.072	2.002	0.900	0.992	0.951
CO	1976	1.171	1.072	1.037	1.110	0.993	0.956
CT	1976	1.079	1.072	0.913	1.377	0.923	0.867
DE	1976	1.599	1.072	0.904	1.607	1.002	1.024
FL	1976	1.900	1.072	1.604	1.056	1.004	1.042
GA	1976	1.445	1.072	1.331	1.140	0.977	0.908
IA	1976	1.313	1.072	1.395	1.013	0.969	0.894
ID	1976	1.197	1.072	1.190	1.116	0.954	0.881
IL	1976	1.261	1.072	1.248	1.030	0.985	0.928
IN	1976	1.244	1.072	1.142	1.091	0.990	0.942
KS	1976	1.233	1.072	1.175	1.023	0.995	0.962
KY	1976	1.182	1.072	1.147	1.063	0.983	0.920
LA	1976	1.194	1.072	0.940	1.172	1.001	1.010
MA	1976	1.233	1.072	0.904	1.344	0.992	0.953
MD	1976	1.219	1.072	0.958	1.255	0.992	0.952
ME	1976	1.181	1.072	0.867	1.437	0.976	0.906
MI	1976	1.037	1.072	1.031	1.087	0.966	0.893
MN	1976	1.054	1.072	1.171	0.977	0.965	0.890
MO	1976	0.984	1.072	1.079	1.000	0.960	0.886
MS	1976	1.265	1.072	1.081	1.127	0.996	0.972
MT	1976	1.104	1.072	0.957	1.067	1.001	1.008
NC	1976	1.561	1.072	1.409	1.082	0.994	0.960
ND	1976	0.981	1.072	0.870	1.091	0.995	0.968
NE	1976	1.177	1.072	1.243	0.997	0.976	0.906
NH	1976	1.058	1.072	0.691	1.520	0.991	0.947
NJ	1976	1.063	1.072	1.017	1.227	0.917	0.866
NM	1976	0.888	1.072	0.944	1.109	0.915	0.865
NV	1976	1.099	1.072	0.830	1.306	0.993	0.953
NY	1976	1.156	1.072	1.133	1.079	0.975	0.904
OH	1976	1.188	1.072	1.137	1.055	0.988	0.935
OK	1976	1.097	1.072	0.999	1.031	0.999	0.993
OR	1976	1.171	1.072	1.040	1.124	0.990	0.943
PA	1976	1.079	1.072	1.114	1.042	0.969	0.895
RI	1976	1.146	1.072	0.694	1.703	0.983	0.920
SC	1976	1.174	1.072	1.049	1.180	0.976	0.906
SD	1976	0.825	1.072	1.021	1.046	0.838	0.860
TN	1976	1.057	1.072	0.955	1.092	0.992	0.952
TX	1976	1.140	1.072	1.201	0.923	0.995	0.964
UT	1976	1.022	1.072	0.852	1.189	0.991	0.948
VA	1976	1.123	1.072	1.041	1.120	0.981	0.917
VT	1976	1.123	1.072	0.761	1.391	0.999	0.989
WA	1976	1.376	1.072	1.286	1.083	0.987	0.933
WI	1976	1.013	1.072	1.138	1.001	0.946	0.876
WV	1976	0.683	1.072	0.594	1.236	0.969	0.896
WY	1976	0.894	1.072	0.724	1.161	0.999	0.993

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1977	1.166	1.076	0.979	1.158	0.994	0.962
AR	1977	1.431	1.076	1.256	1.114	0.993	0.957
AZ	1977	1.425	1.076	1.274	1.148	0.983	0.922
CA	1977	1.838	1.076	2.000	0.912	0.991	0.946
CO	1977	1.155	1.076	1.037	1.127	0.987	0.931
CT	1977	1.137	1.076	0.891	1.367	0.969	0.895
DE	1977	1.453	1.076	0.884	1.627	0.991	0.948
FL	1977	1.867	1.076	1.584	1.056	1.003	1.034
GA	1977	1.342	1.076	1.311	1.163	0.938	0.872
IA	1977	1.363	1.076	1.383	1.022	0.980	0.914
ID	1977	1.211	1.076	1.186	1.132	0.953	0.880
IL	1977	1.262	1.076	1.231	1.030	0.988	0.936
IN	1977	1.206	1.076	1.136	1.081	0.985	0.927
KS	1977	1.347	1.076	1.181	1.028	1.003	1.029
KY	1977	1.333	1.076	1.132	1.063	1.003	1.027
LA	1977	1.222	1.076	0.931	1.198	1.002	1.016
MA	1977	1.217	1.076	0.886	1.342	0.994	0.958
MD	1977	1.195	1.076	0.937	1.265	0.991	0.946
ME	1977	1.133	1.076	0.847	1.425	0.971	0.898
MI	1977	1.222	1.076	1.012	1.091	1.003	1.026
MN	1977	1.329	1.076	1.198	0.982	1.004	1.045
MO	1977	1.204	1.076	1.068	1.024	1.002	1.021
MS	1977	1.319	1.076	1.083	1.144	0.999	0.991
MT	1977	0.993	1.076	0.955	1.066	0.983	0.922
NC	1977	1.468	1.076	1.423	1.097	0.972	0.900
ND	1977	0.923	1.076	0.867	1.055	0.991	0.947
NE	1977	1.327	1.076	1.213	1.025	0.999	0.993
NH	1977	0.980	1.076	0.681	1.519	0.974	0.903
NJ	1977	1.165	1.076	1.010	1.220	0.974	0.903
NM	1977	0.958	1.076	0.904	1.126	0.972	0.900
NV	1977	1.140	1.076	0.816	1.339	0.996	0.974
NY	1977	1.195	1.076	1.147	1.101	0.974	0.903
OH	1977	1.171	1.076	1.113	1.039	0.992	0.950
OK	1977	1.196	1.076	0.998	1.061	1.004	1.046
OR	1977	1.126	1.076	1.020	1.107	0.989	0.938
PA	1977	1.087	1.076	1.081	1.039	0.982	0.917
RI	1977	1.148	1.076	0.681	1.713	0.985	0.927
SC	1977	1.205	1.076	1.028	1.195	0.985	0.926
SD	1977	1.108	1.076	1.040	1.037	0.994	0.961
TN	1977	1.090	1.076	0.942	1.117	0.995	0.968
TX	1977	1.173	1.076	1.188	0.920	1.000	0.997
UT	1977	0.979	1.076	0.855	1.191	0.980	0.913
VA	1977	1.141	1.076	1.004	1.160	0.984	0.925
VT	1977	1.030	1.076	0.746	1.400	0.986	0.930
WA	1977	1.363	1.076	1.250	1.112	0.984	0.926
WI	1977	1.197	1.076	1.105	0.980	1.003	1.025
WV	1977	0.660	1.076	0.598	1.196	0.964	0.890
WY	1977	0.865	1.076	0.729	1.184	0.989	0.942

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1978	1.185	1.079	0.985	1.169	0.994	0.960
AR	1978	1.378	1.079	1.259	1.135	0.979	0.912
AZ	1978	1.327	1.079	1.269	1.112	0.971	0.897
CA	1978	1.815	1.079	2.008	0.951	0.975	0.904
CO	1978	1.107	1.079	1.031	1.150	0.968	0.895
CT	1978	1.150	1.079	0.903	1.398	0.957	0.883
DE	1978	1.442	1.079	0.902	1.670	0.977	0.908
FL	1978	1.691	1.079	1.593	1.071	0.986	0.931
GA	1978	1.468	1.079	1.318	1.177	0.973	0.901
IA	1978	1.412	1.079	1.384	1.018	0.989	0.938
ID	1978	1.164	1.079	1.189	1.141	0.918	0.866
IL	1978	1.269	1.079	1.239	1.046	0.984	0.923
IN	1978	1.240	1.079	1.156	1.115	0.978	0.911
KS	1978	1.087	1.079	1.167	1.056	0.938	0.872
KY	1978	1.161	1.079	1.129	1.066	0.979	0.913
LA	1978	1.141	1.079	0.928	1.207	0.992	0.952
MA	1978	1.198	1.079	0.897	1.352	0.985	0.928
MD	1978	1.259	1.079	0.954	1.285	0.993	0.958
ME	1978	1.127	1.079	0.857	1.420	0.964	0.890
MI	1978	1.145	1.079	1.036	1.112	0.987	0.933
MN	1978	1.211	1.079	1.208	0.998	0.989	0.941
MO	1978	1.137	1.079	1.070	1.038	0.993	0.956
MS	1978	1.326	1.079	1.079	1.153	0.999	0.990
MT	1978	0.976	1.079	0.961	1.081	0.970	0.897
NC	1978	1.530	1.079	1.410	1.112	0.983	0.920
ND	1978	0.930	1.079	0.866	1.066	0.990	0.943
NE	1978	1.239	1.079	1.223	1.023	0.986	0.931
NH	1978	1.008	1.079	0.691	1.499	0.982	0.918
NJ	1978	1.126	1.079	1.006	1.225	0.958	0.883
NM	1978	0.923	1.079	0.905	1.124	0.954	0.881
NV	1978	0.968	1.079	0.828	1.340	0.930	0.869
NY	1978	1.218	1.079	1.144	1.094	0.982	0.918
OH	1978	1.155	1.079	1.128	1.043	0.984	0.924
OK	1978	1.013	1.079	0.990	1.051	0.982	0.919
OR	1978	1.037	1.079	1.025	1.117	0.954	0.880
PA	1978	1.144	1.079	1.098	1.054	0.986	0.929
RI	1978	1.125	1.079	0.693	1.747	0.966	0.892
SC	1978	1.197	1.079	1.038	1.210	0.976	0.905
SD	1978	1.056	1.079	1.039	1.071	0.974	0.902
TN	1978	1.054	1.079	0.943	1.115	0.989	0.939
TX	1978	1.037	1.079	1.184	0.920	0.975	0.905
UT	1978	0.904	1.079	0.851	1.192	0.944	0.875
VA	1978	1.124	1.079	1.019	1.132	0.982	0.919
VT	1978	1.086	1.079	0.764	1.394	0.992	0.952
WA	1978	1.331	1.079	1.260	1.138	0.965	0.891
WI	1978	1.117	1.079	1.130	0.995	0.987	0.933
WV	1978	0.732	1.079	0.619	1.270	0.967	0.893
WY	1978	0.810	1.079	0.730	1.201	0.963	0.889

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1979	1.223	1.083	0.998	1.181	0.994	0.964
AR	1979	1.526	1.083	1.262	1.166	0.995	0.964
AZ	1979	1.441	1.083	1.297	1.132	0.983	0.922
CA	1979	1.869	1.083	2.002	0.929	0.989	0.939
CO	1979	1.194	1.083	1.038	1.163	0.986	0.928
CT	1979	1.183	1.083	0.905	1.419	0.961	0.887
DE	1979	1.582	1.083	0.916	1.673	0.994	0.960
FL	1979	1.596	1.083	1.591	1.070	0.968	0.895
GA	1979	1.482	1.083	1.327	1.149	0.981	0.916
IA	1979	1.426	1.083	1.381	1.017	0.991	0.946
ID	1979	1.186	1.083	1.203	1.166	0.905	0.863
IL	1979	1.287	1.083	1.267	1.031	0.984	0.925
IN	1979	1.249	1.083	1.161	1.113	0.979	0.912
KS	1979	1.180	1.083	1.182	1.030	0.980	0.914
KY	1979	1.237	1.083	1.154	1.111	0.978	0.911
LA	1979	1.204	1.083	0.941	1.221	0.996	0.972
MA	1979	1.143	1.083	0.915	1.377	0.952	0.880
MD	1979	1.260	1.083	0.968	1.274	0.992	0.951
ME	1979	1.145	1.083	0.860	1.439	0.963	0.888
MI	1979	1.166	1.083	1.066	1.105	0.986	0.928
MN	1979	1.253	1.083	1.218	1.014	0.991	0.946
MO	1979	1.193	1.083	1.088	1.032	0.998	0.984
MS	1979	1.328	1.083	1.096	1.204	0.989	0.940
MT	1979	0.875	1.083	0.951	1.075	0.913	0.865
NC	1979	1.431	1.083	1.423	1.096	0.959	0.885
ND	1979	0.852	1.083	0.867	1.063	0.962	0.888
NE	1979	1.281	1.083	1.245	1.035	0.986	0.931
NH	1979	1.126	1.083	0.696	1.524	0.998	0.983
NJ	1979	1.095	1.083	1.013	1.222	0.938	0.871
NM	1979	0.877	1.083	0.910	1.092	0.936	0.871
NV	1979	1.066	1.083	0.831	1.362	0.970	0.896
NY	1979	1.247	1.083	1.153	1.100	0.984	0.923
OH	1979	1.234	1.083	1.172	1.078	0.982	0.919
OK	1979	1.160	1.083	1.004	1.074	0.999	0.995
OR	1979	1.046	1.083	1.026	1.124	0.952	0.880
PA	1979	1.179	1.083	1.118	1.071	0.984	0.924
RI	1979	1.126	1.083	0.698	1.772	0.955	0.881
SC	1979	1.249	1.083	1.044	1.229	0.981	0.916
SD	1979	1.061	1.083	1.044	1.060	0.976	0.907
TN	1979	1.097	1.083	0.962	1.137	0.989	0.937
TX	1979	1.105	1.083	1.198	0.930	0.986	0.930
UT	1979	0.953	1.083	0.849	1.201	0.966	0.892
VA	1979	1.151	1.083	1.017	1.163	0.981	0.916
VT	1979	1.058	1.083	0.768	1.424	0.979	0.912
WA	1979	1.322	1.083	1.258	1.122	0.967	0.894
WI	1979	1.128	1.083	1.145	0.994	0.986	0.929
WV	1979	0.754	1.083	0.638	1.306	0.951	0.879
WY	1979	0.806	1.083	0.725	1.178	0.971	0.898

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1980	1.048	1.086	0.977	1.171	0.956	0.882
AR	1980	1.254	1.086	1.256	1.138	0.930	0.869
AZ	1980	1.381	1.086	1.254	1.104	0.987	0.931
CA	1980	1.954	1.086	2.002	0.935	0.995	0.967
CO	1980	1.168	1.086	1.026	1.134	0.988	0.935
CT	1980	1.103	1.086	0.892	1.410	0.930	0.869
DE	1980	1.312	1.086	0.886	1.688	0.929	0.869
FL	1980	1.731	1.086	1.582	1.084	0.989	0.940
GA	1980	1.329	1.086	1.309	1.144	0.937	0.872
IA	1980	1.398	1.086	1.399	1.023	0.981	0.916
ID	1980	1.307	1.086	1.168	1.157	0.978	0.910
IL	1980	1.196	1.086	1.219	1.064	0.959	0.885
IN	1980	1.201	1.086	1.130	1.107	0.976	0.906
KS	1980	1.075	1.086	1.157	1.014	0.956	0.882
KY	1980	1.174	1.086	1.112	1.089	0.979	0.912
LA	1980	1.044	1.086	0.925	1.204	0.967	0.893
MA	1980	1.111	1.086	0.912	1.364	0.942	0.874
MD	1980	1.089	1.086	0.935	1.265	0.959	0.885
ME	1980	1.026	1.086	0.850	1.416	0.908	0.864
MI	1980	1.169	1.086	1.037	1.108	0.991	0.946
MN	1980	1.197	1.086	1.188	0.994	0.990	0.944
MO	1980	1.065	1.086	1.063	1.048	0.974	0.903
MS	1980	1.077	1.086	1.055	1.159	0.932	0.869
MT	1980	0.918	1.086	0.950	1.055	0.955	0.882
NC	1980	1.444	1.086	1.396	1.102	0.967	0.893
ND	1980	0.801	1.086	0.867	1.113	0.887	0.861
NE	1980	1.173	1.086	1.237	1.027	0.960	0.886
NH	1980	1.014	1.086	0.676	1.503	0.987	0.931
NJ	1980	1.087	1.086	0.999	1.219	0.940	0.873
NM	1980	0.956	1.086	0.910	1.126	0.965	0.891
NV	1980	1.101	1.086	0.816	1.360	0.986	0.927
NY	1980	1.223	1.086	1.136	1.091	0.984	0.923
OH	1980	1.134	1.086	1.116	1.058	0.976	0.906
OK	1980	1.077	1.086	0.983	1.088	0.989	0.938
OR	1980	1.219	1.086	1.035	1.108	0.997	0.981
PA	1980	1.087	1.086	1.073	1.047	0.978	0.911
RI	1980	1.144	1.086	0.680	1.765	0.973	0.901
SC	1980	1.117	1.086	1.026	1.244	0.928	0.868
SD	1980	0.995	1.086	1.025	1.053	0.959	0.886
TN	1980	0.962	1.086	0.930	1.128	0.957	0.883
TX	1980	1.025	1.086	1.178	0.921	0.970	0.897
UT	1980	0.961	1.086	0.852	1.200	0.968	0.894
VA	1980	1.020	1.086	1.032	1.153	0.913	0.865
VT	1980	0.955	1.086	0.747	1.393	0.957	0.883
WA	1980	1.361	1.086	1.276	1.107	0.977	0.908
WI	1980	1.134	1.086	1.108	1.004	0.991	0.947
WV	1980	0.783	1.086	0.602	1.290	0.989	0.939
WY	1980	0.830	1.086	0.722	1.186	0.979	0.912

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1981	1.278	1.112	0.980	1.132	1.003	1.033
AR	1981	1.592	1.112	1.257	1.133	1.001	1.005
AZ	1981	1.512	1.112	1.280	1.113	0.994	0.961
CA	1981	1.971	1.112	1.996	0.940	0.992	0.953
CO	1981	1.223	1.112	1.038	1.106	0.995	0.964
CT	1981	1.139	1.112	0.896	1.391	0.941	0.874
DE	1981	1.579	1.112	0.895	1.732	0.986	0.929
FL	1981	1.736	1.112	1.575	1.088	0.985	0.925
GA	1981	1.550	1.112	1.309	1.119	0.993	0.958
IA	1981	1.642	1.112	1.382	1.066	1.000	1.003
ID	1981	1.304	1.112	1.208	1.158	0.953	0.880
IL	1981	1.319	1.112	1.252	1.046	0.983	0.922
IN	1981	1.254	1.112	1.158	1.105	0.975	0.905
KS	1981	1.155	1.112	1.182	0.998	0.974	0.903
KY	1981	1.385	1.112	1.144	1.075	1.001	1.011
LA	1981	1.144	1.112	0.930	1.178	0.991	0.948
MA	1981	1.215	1.112	0.922	1.354	0.973	0.901
MD	1981	1.197	1.112	0.950	1.239	0.986	0.928
ME	1981	1.051	1.112	0.856	1.396	0.915	0.865
MI	1981	1.246	1.112	1.042	1.118	0.995	0.966
MN	1981	1.315	1.112	1.227	1.004	0.995	0.965
MO	1981	1.361	1.112	1.068	1.055	1.006	1.079
MS	1981	1.329	1.112	1.095	1.173	0.989	0.941
MT	1981	1.068	1.112	0.951	1.053	0.995	0.965
NC	1981	1.543	1.112	1.425	1.096	0.978	0.909
ND	1981	1.087	1.112	0.863	1.099	1.003	1.027
NE	1981	1.368	1.112	1.242	1.029	0.995	0.967
NH	1981	1.058	1.112	0.685	1.478	0.991	0.948
NJ	1981	1.192	1.112	1.012	1.211	0.972	0.900
NM	1981	1.041	1.112	0.920	1.097	0.989	0.938
NV	1981	1.094	1.112	0.822	1.348	0.977	0.909
NY	1981	1.264	1.112	1.142	1.085	0.986	0.930
OH	1981	1.218	1.112	1.137	1.119	0.966	0.892
OK	1981	1.138	1.112	0.998	1.049	0.997	0.981
OR	1981	1.112	1.112	1.022	1.076	0.984	0.924
PA	1981	1.256	1.112	1.093	1.061	0.997	0.977
RI	1981	1.161	1.112	0.684	1.748	0.972	0.899
SC	1981	1.319	1.112	1.030	1.226	0.991	0.948
SD	1981	1.113	1.112	1.039	1.030	0.990	0.944
TN	1981	1.147	1.112	0.950	1.126	0.996	0.969
TX	1981	1.203	1.112	1.195	0.930	0.997	0.977
UT	1981	1.123	1.112	0.851	1.278	0.989	0.939
VA	1981	1.201	1.112	1.018	1.124	0.992	0.951
VT	1981	1.015	1.112	0.758	1.370	0.974	0.902
WA	1981	1.465	1.112	1.255	1.119	0.991	0.947
WI	1981	1.169	1.112	1.134	1.005	0.988	0.935
WV	1981	0.772	1.112	0.614	1.292	0.972	0.901
WY	1981	0.917	1.112	0.725	1.155	0.998	0.986

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1982	1.473	1.138	0.995	1.213	1.006	1.066
AR	1982	1.669	1.138	1.265	1.179	0.998	0.985
AZ	1982	1.489	1.138	1.285	1.091	0.990	0.943
CA	1982	2.109	1.138	2.018	0.943	0.997	0.977
CO	1982	1.331	1.138	1.041	1.149	0.997	0.980
CT	1982	1.359	1.138	0.895	1.443	0.988	0.936
DE	1982	1.567	1.138	0.904	1.635	0.990	0.942
FL	1982	1.840	1.138	1.598	1.074	0.992	0.950
GA	1982	1.821	1.138	1.331	1.165	1.003	1.029
IA	1982	1.477	1.138	1.395	1.034	0.981	0.917
ID	1982	1.309	1.138	1.209	1.102	0.967	0.893
IL	1982	1.399	1.138	1.257	1.085	0.982	0.918
IN	1982	1.375	1.138	1.161	1.120	0.989	0.939
KS	1982	1.322	1.138	1.182	1.014	0.996	0.973
KY	1982	1.431	1.138	1.149	1.072	1.002	1.019
LA	1982	1.286	1.138	0.934	1.205	1.000	1.004
MA	1982	1.232	1.138	0.896	1.339	0.982	0.919
MD	1982	1.333	1.138	0.958	1.282	0.994	0.960
ME	1982	1.359	1.138	0.853	1.444	0.996	0.973
MI	1982	1.281	1.138	1.062	1.100	0.995	0.967
MN	1982	1.328	1.138	1.205	1.005	0.995	0.968
MO	1982	1.157	1.138	1.081	1.005	0.990	0.945
MS	1982	1.476	1.138	1.092	1.181	1.001	1.006
MT	1982	1.112	1.138	0.958	1.050	0.997	0.975
NC	1982	1.576	1.138	1.423	1.091	0.978	0.911
ND	1982	1.051	1.138	0.871	1.079	0.998	0.984
NE	1982	1.445	1.138	1.233	1.031	1.000	0.999
NH	1982	1.075	1.138	0.688	1.511	0.984	0.923
NJ	1982	1.278	1.138	1.013	1.233	0.981	0.917
NM	1982	1.075	1.138	0.911	1.084	0.994	0.962
NV	1982	1.400	1.138	0.840	1.422	1.003	1.027
NY	1982	1.391	1.138	1.150	1.105	0.995	0.967
OH	1982	1.248	1.138	1.146	1.057	0.983	0.921
OK	1982	1.491	1.138	1.001	1.084	1.011	1.195
OR	1982	1.172	1.138	1.033	1.087	0.986	0.930
PA	1982	1.255	1.138	1.101	1.043	0.995	0.965
RI	1982	1.473	1.138	0.687	1.830	1.003	1.027
SC	1982	1.474	1.138	1.049	1.266	0.997	0.978
SD	1982	1.261	1.138	1.040	1.073	0.999	0.994
TN	1982	1.190	1.138	0.955	1.110	0.998	0.988
TX	1982	1.286	1.138	1.190	0.926	1.002	1.023
UT	1982	1.060	1.138	0.857	1.207	0.982	0.918
VA	1982	1.216	1.138	1.014	1.112	0.993	0.954
VT	1982	1.190	1.138	0.775	1.454	0.989	0.938
WA	1982	1.519	1.138	1.260	1.139	0.989	0.940
WI	1982	1.264	1.138	1.134	1.002	0.998	0.980
WV	1982	0.732	1.138	0.609	1.226	0.965	0.891
WY	1982	0.869	1.138	0.725	1.143	0.987	0.934

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1983	1.411	1.165	0.983	1.268	0.997	0.975
AR	1983	1.334	1.165	1.264	1.134	0.922	0.867
AZ	1983	1.442	1.165	1.267	1.094	0.979	0.912
CA	1983	2.040	1.165	2.020	0.934	0.989	0.938
CO	1983	1.328	1.165	1.033	1.146	0.995	0.968
CT	1983	1.286	1.165	0.894	1.404	0.974	0.903
DE	1983	1.620	1.165	0.886	1.686	0.990	0.941
FL	1983	1.850	1.165	1.589	1.084	0.988	0.934
GA	1983	1.675	1.165	1.313	1.169	0.991	0.946
IA	1983	1.223	1.165	1.392	1.034	0.848	0.860
ID	1983	1.435	1.165	1.164	1.158	0.985	0.928
IL	1983	1.117	1.165	1.209	1.077	0.855	0.860
IN	1983	1.058	1.165	1.123	1.100	0.855	0.860
KS	1983	1.201	1.165	1.163	1.013	0.972	0.900
KY	1983	1.328	1.165	1.112	1.092	0.991	0.948
LA	1983	1.236	1.165	0.936	1.247	0.984	0.924
MA	1983	1.273	1.165	0.903	1.354	0.979	0.912
MD	1983	1.257	1.165	0.933	1.291	0.980	0.914
ME	1983	1.285	1.165	0.850	1.438	0.982	0.919
MI	1983	1.179	1.165	1.011	1.096	0.985	0.927
MN	1983	1.208	1.165	1.181	1.028	0.962	0.888
MO	1983	0.994	1.165	1.075	1.029	0.895	0.862
MS	1983	1.317	1.165	1.063	1.216	0.972	0.900
MT	1983	1.101	1.165	0.936	1.086	0.989	0.940
NC	1983	1.646	1.165	1.402	1.156	0.970	0.898
ND	1983	1.004	1.165	0.874	1.102	0.979	0.913
NE	1983	1.256	1.165	1.225	1.052	0.952	0.879
NH	1983	1.212	1.165	0.675	1.575	0.998	0.982
NJ	1983	1.304	1.165	1.009	1.240	0.980	0.913
NM	1983	1.058	1.165	0.900	1.109	0.984	0.924
NV	1983	1.344	1.165	0.816	1.420	0.999	0.996
NY	1983	1.333	1.165	1.125	1.106	0.987	0.932
OH	1983	1.061	1.165	1.100	1.033	0.924	0.867
OK	1983	1.286	1.165	0.991	1.095	1.002	1.015
OR	1983	1.206	1.165	1.038	1.095	0.984	0.925
PA	1983	1.180	1.165	1.067	1.050	0.983	0.920
RI	1983	1.342	1.165	0.683	1.739	0.996	0.974
SC	1983	1.279	1.165	1.026	1.286	0.948	0.877
SD	1983	1.070	1.165	1.025	1.036	0.968	0.894
TN	1983	0.904	1.165	0.935	1.061	0.906	0.864
TX	1983	1.192	1.165	1.188	0.939	0.986	0.930
UT	1983	1.135	1.165	0.861	1.277	0.977	0.907
VA	1983	1.232	1.165	1.011	1.173	0.979	0.912
VT	1983	1.150	1.165	0.747	1.398	0.992	0.953
WA	1983	1.574	1.165	1.274	1.123	0.992	0.952
WI	1983	1.134	1.165	1.095	1.014	0.973	0.901
WV	1983	0.787	1.165	0.593	1.254	0.984	0.924
WY	1983	0.857	1.165	0.718	1.159	0.976	0.907

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1984	1.403	1.193	0.995	1.233	0.995	0.964
AR	1984	1.620	1.193	1.266	1.157	0.989	0.938
AZ	1984	1.496	1.193	1.282	1.090	0.981	0.916
CA	1984	2.149	1.193	1.993	0.945	0.994	0.962
CO	1984	1.380	1.193	1.041	1.147	0.996	0.973
CT	1984	1.394	1.193	0.896	1.381	0.992	0.952
DE	1984	1.478	1.193	0.902	1.601	0.964	0.890
FL	1984	1.883	1.193	1.597	1.093	0.983	0.920
GA	1984	1.781	1.193	1.330	1.174	0.994	0.962
IA	1984	1.527	1.193	1.390	1.029	0.980	0.914
ID	1984	1.448	1.193	1.186	1.154	0.977	0.908
IL	1984	1.356	1.193	1.243	1.064	0.965	0.890
IN	1984	1.430	1.193	1.145	1.110	0.992	0.951
KS	1984	1.377	1.193	1.173	1.060	0.989	0.939
KY	1984	1.622	1.193	1.141	1.089	1.007	1.087
LA	1984	1.390	1.193	0.940	1.283	0.996	0.970
MA	1984	1.358	1.193	0.900	1.353	0.990	0.944
MD	1984	1.486	1.193	0.953	1.323	0.999	0.990
ME	1984	1.296	1.193	0.853	1.446	0.975	0.904
MI	1984	1.267	1.193	1.036	1.091	0.991	0.949
MN	1984	1.357	1.193	1.202	1.005	0.992	0.950
MO	1984	1.175	1.193	1.084	1.017	0.979	0.912
MS	1984	1.427	1.193	1.079	1.230	0.982	0.918
MT	1984	0.957	1.193	0.939	1.041	0.940	0.873
NC	1984	1.697	1.193	1.418	1.131	0.977	0.908
ND	1984	1.067	1.193	0.870	1.070	0.995	0.965
NE	1984	1.438	1.193	1.231	1.034	0.993	0.955
NH	1984	1.219	1.193	0.687	1.522	0.998	0.981
NJ	1984	1.378	1.193	1.022	1.242	0.984	0.925
NM	1984	1.063	1.193	0.920	1.059	0.986	0.929
NV	1984	1.361	1.193	0.834	1.403	0.997	0.978
NY	1984	1.323	1.193	1.132	1.052	0.990	0.942
OH	1984	1.435	1.193	1.133	1.103	0.995	0.968
OK	1984	1.224	1.193	0.992	1.054	0.998	0.983
OR	1984	1.282	1.193	1.032	1.116	0.990	0.943
PA	1984	1.420	1.193	1.095	1.061	1.002	1.022
RI	1984	1.450	1.193	0.688	1.740	1.001	1.014
SC	1984	1.454	1.193	1.045	1.244	0.991	0.947
SD	1984	1.348	1.193	1.037	1.069	1.002	1.017
TN	1984	1.221	1.193	0.955	1.107	0.996	0.973
TX	1984	1.164	1.193	1.185	0.924	0.979	0.911
UT	1984	1.127	1.193	0.860	1.230	0.979	0.913
VA	1984	1.405	1.193	1.030	1.142	1.000	1.001
VT	1984	1.117	1.193	0.763	1.355	0.983	0.922
WA	1984	1.581	1.193	1.264	1.125	0.990	0.942
WI	1984	1.295	1.193	1.119	1.008	0.995	0.967
WV	1984	0.897	1.193	0.606	1.288	0.996	0.969
WY	1984	0.873	1.193	0.728	1.164	0.967	0.893

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1985	1.525	1.221	0.989	1.229	1.003	1.025
AR	1985	1.654	1.221	1.253	1.144	0.992	0.952
AZ	1985	1.556	1.221	1.277	1.101	0.983	0.922
CA	1985	2.317	1.221	1.989	0.943	1.001	1.011
CO	1985	1.397	1.221	1.035	1.107	1.000	0.999
CT	1985	1.504	1.221	0.920	1.411	0.993	0.956
DE	1985	1.845	1.221	0.905	1.699	0.998	0.985
FL	1985	1.983	1.221	1.585	1.096	0.990	0.944
GA	1985	1.896	1.221	1.323	1.193	0.998	0.986
IA	1985	1.677	1.221	1.377	1.042	0.994	0.963
ID	1985	1.453	1.221	1.216	1.154	0.959	0.885
IL	1985	1.533	1.221	1.269	1.071	0.988	0.935
IN	1985	1.532	1.221	1.156	1.107	0.998	0.983
KS	1985	1.458	1.221	1.180	1.043	0.996	0.974
KY	1985	1.760	1.221	1.145	1.111	1.008	1.124
LA	1985	1.309	1.221	0.933	1.233	0.990	0.942
MA	1985	1.454	1.221	0.940	1.367	0.988	0.938
MD	1985	1.602	1.221	0.957	1.341	1.002	1.020
ME	1985	1.431	1.221	0.876	1.425	0.991	0.948
MI	1985	1.425	1.221	1.061	1.102	1.000	0.998
MN	1985	1.472	1.221	1.212	1.006	0.999	0.991
MO	1985	1.366	1.221	1.076	1.017	1.002	1.020
MS	1985	1.563	1.221	1.094	1.199	0.997	0.979
MT	1985	0.772	1.221	0.943	1.047	0.745	0.860
NC	1985	1.851	1.221	1.417	1.154	0.988	0.938
ND	1985	1.159	1.221	0.862	1.083	1.002	1.015
NE	1985	1.574	1.221	1.267	1.029	0.999	0.990
NH	1985	1.258	1.221	0.695	1.522	0.997	0.977
NJ	1985	1.501	1.221	1.012	1.219	1.000	0.997
NM	1985	1.256	1.221	0.939	1.112	0.998	0.987
NV	1985	1.372	1.221	0.830	1.393	0.997	0.975
NY	1985	1.474	1.221	1.145	1.094	0.995	0.968
OH	1985	1.516	1.221	1.161	1.078	0.999	0.993
OK	1985	1.275	1.221	0.998	1.070	0.997	0.981
OR	1985	1.316	1.221	1.022	1.124	0.991	0.947
PA	1985	1.502	1.221	1.114	1.087	1.002	1.014
RI	1985	1.688	1.221	0.705	1.738	1.008	1.120
SC	1985	1.589	1.221	1.039	1.298	0.996	0.969
SD	1985	1.319	1.221	1.032	1.061	0.998	0.988
TN	1985	1.311	1.221	0.951	1.133	1.000	0.997
TX	1985	1.319	1.221	1.189	0.922	0.998	0.987
UT	1985	1.154	1.221	0.850	1.234	0.982	0.918
VA	1985	1.420	1.221	1.057	1.155	0.994	0.959
VT	1985	1.208	1.221	0.765	1.370	0.992	0.952
WA	1985	1.677	1.221	1.250	1.148	0.994	0.963
WI	1985	1.301	1.221	1.131	1.016	0.989	0.937
WV	1985	0.998	1.221	0.611	1.354	0.998	0.989
WY	1985	0.862	1.221	0.721	1.169	0.952	0.880

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1986	1.423	1.250	0.978	1.281	0.984	0.924
AR	1986	1.572	1.250	1.261	1.188	0.954	0.881
AZ	1986	1.626	1.250	1.271	1.119	0.986	0.929
CA	1986	2.250	1.250	2.005	0.956	0.991	0.948
CO	1986	1.380	1.250	1.041	1.136	0.990	0.944
CT	1986	1.575	1.250	0.914	1.461	0.992	0.952
DE	1986	1.651	1.250	0.887	1.697	0.973	0.902
FL	1986	2.063	1.250	1.584	1.097	0.993	0.956
GA	1986	1.675	1.250	1.304	1.221	0.955	0.882
IA	1986	1.636	1.250	1.382	1.039	0.985	0.925
ID	1986	1.511	1.250	1.189	1.156	0.974	0.903
IL	1986	1.515	1.250	1.241	1.074	0.984	0.925
IN	1986	1.417	1.250	1.160	1.107	0.976	0.906
KS	1986	1.437	1.250	1.183	1.069	0.984	0.924
KY	1986	1.526	1.250	1.128	1.122	0.996	0.970
LA	1986	1.337	1.250	0.932	1.282	0.980	0.914
MA	1986	1.514	1.250	0.942	1.417	0.984	0.923
MD	1986	1.461	1.250	0.938	1.375	0.984	0.922
ME	1986	1.506	1.250	0.879	1.451	0.992	0.952
MI	1986	1.382	1.250	1.031	1.140	0.992	0.949
MN	1986	1.441	1.250	1.214	1.026	0.989	0.937
MO	1986	1.301	1.250	1.067	1.062	0.987	0.931
MS	1986	1.390	1.250	1.083	1.251	0.940	0.873
MT	1986	1.236	1.250	0.958	1.063	0.996	0.974
NC	1986	1.821	1.250	1.424	1.193	0.964	0.890
ND	1986	1.187	1.250	0.866	1.091	1.001	1.005
NE	1986	1.537	1.250	1.281	1.050	0.985	0.928
NH	1986	1.267	1.250	0.684	1.539	0.996	0.968
NJ	1986	1.411	1.250	1.019	1.216	0.985	0.926
NM	1986	1.157	1.250	0.936	1.133	0.971	0.898
NV	1986	1.290	1.250	0.817	1.406	0.981	0.916
NY	1986	1.501	1.250	1.161	1.113	0.989	0.939
OH	1986	1.395	1.250	1.130	1.073	0.987	0.933
OK	1986	1.263	1.250	0.999	1.088	0.989	0.941
OR	1986	1.366	1.250	1.023	1.130	0.992	0.952
PA	1986	1.465	1.250	1.091	1.092	0.998	0.985
RI	1986	1.659	1.250	0.704	1.773	1.005	1.058
SC	1986	1.450	1.250	1.023	1.330	0.961	0.887
SD	1986	1.401	1.250	1.048	1.092	0.998	0.981
TN	1986	1.275	1.250	0.940	1.175	0.988	0.935
TX	1986	1.236	1.250	1.193	0.941	0.975	0.904
UT	1986	1.278	1.250	0.856	1.298	0.987	0.932
VA	1986	1.340	1.250	1.060	1.179	0.964	0.890
VT	1986	1.199	1.250	0.751	1.421	0.981	0.916
WA	1986	1.667	1.250	1.256	1.155	0.987	0.932
WI	1986	1.354	1.250	1.115	1.019	0.994	0.960
WV	1986	0.968	1.250	0.603	1.343	0.994	0.962
WY	1986	1.021	1.250	0.730	1.178	0.993	0.957

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1987	1.423	1.279	0.982	1.254	0.982	0.919
AR	1987	1.758	1.279	1.257	1.199	0.985	0.926
AZ	1987	1.606	1.279	1.273	1.088	0.983	0.922
CA	1987	2.413	1.279	2.003	0.948	0.999	0.994
CO	1987	1.267	1.279	1.038	1.102	0.968	0.895
CT	1987	1.513	1.279	0.893	1.456	0.984	0.924
DE	1987	1.691	1.279	0.879	1.724	0.971	0.899
FL	1987	1.983	1.279	1.582	1.101	0.978	0.911
GA	1987	1.821	1.279	1.315	1.249	0.969	0.895
IA	1987	1.569	1.279	1.392	1.040	0.958	0.884
ID	1987	1.604	1.279	1.176	1.169	0.985	0.926
IL	1987	1.560	1.279	1.236	1.087	0.984	0.922
IN	1987	1.494	1.279	1.136	1.115	0.987	0.934
KS	1987	1.469	1.279	1.183	1.070	0.983	0.922
KY	1987	1.487	1.279	1.127	1.112	0.989	0.938
LA	1987	1.339	1.279	0.935	1.263	0.977	0.908
MA	1987	1.517	1.279	0.899	1.440	0.986	0.929
MD	1987	1.535	1.279	0.929	1.367	0.992	0.952
ME	1987	1.416	1.279	0.849	1.478	0.975	0.904
MI	1987	1.344	1.279	1.008	1.130	0.988	0.934
MN	1987	1.443	1.279	1.185	1.009	0.992	0.950
MO	1987	1.229	1.279	1.073	1.026	0.971	0.898
MS	1987	1.564	1.279	1.077	1.238	0.986	0.930
MT	1987	1.227	1.279	0.959	1.098	0.984	0.925
NC	1987	1.948	1.279	1.415	1.202	0.980	0.914
ND	1987	1.126	1.279	0.871	1.092	0.988	0.937
NE	1987	1.535	1.279	1.226	1.057	0.988	0.937
NH	1987	1.295	1.279	0.677	1.575	0.993	0.956
NJ	1987	1.623	1.279	1.016	1.227	1.002	1.016
NM	1987	1.104	1.279	0.902	1.088	0.975	0.903
NV	1987	1.396	1.279	0.818	1.448	0.988	0.934
NY	1987	1.500	1.279	1.145	1.134	0.982	0.919
OH	1987	1.476	1.279	1.117	1.093	0.992	0.952
OK	1987	1.222	1.279	1.003	1.113	0.963	0.889
OR	1987	1.439	1.279	1.032	1.124	0.996	0.973
PA	1987	1.471	1.279	1.071	1.093	0.998	0.985
RI	1987	1.842	1.279	0.684	1.847	1.009	1.131
SC	1987	1.650	1.279	1.030	1.356	0.988	0.935
SD	1987	1.330	1.279	1.031	1.076	0.991	0.946
TN	1987	1.376	1.279	0.940	1.213	0.992	0.951
TX	1987	1.201	1.279	1.196	0.937	0.952	0.880
UT	1987	1.347	1.279	0.862	1.310	0.990	0.942
VA	1987	1.431	1.279	1.006	1.196	0.989	0.939
VT	1987	1.181	1.279	0.747	1.415	0.971	0.898
WA	1987	1.700	1.279	1.267	1.138	0.987	0.933
WI	1987	1.294	1.279	1.093	1.035	0.980	0.913
WV	1987	0.933	1.279	0.594	1.302	0.992	0.951
WY	1987	0.910	1.279	0.730	1.174	0.947	0.877

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1988	1.479	1.310	0.982	1.257	0.986	0.929
AR	1988	1.880	1.310	1.263	1.186	0.995	0.964
AZ	1988	1.536	1.310	1.269	1.091	0.958	0.884
CA	1988	2.299	1.310	1.997	0.938	0.991	0.946
CO	1988	1.340	1.310	1.033	1.132	0.972	0.900
CT	1988	1.613	1.310	0.876	1.452	0.996	0.972
DE	1988	1.816	1.310	0.877	1.716	0.987	0.933
FL	1988	2.077	1.310	1.592	1.085	0.986	0.931
GA	1988	2.056	1.310	1.316	1.240	0.995	0.967
IA	1988	1.401	1.310	1.372	1.028	0.881	0.861
ID	1988	1.598	1.310	1.156	1.159	0.985	0.925
IL	1988	1.332	1.310	1.202	1.062	0.920	0.867
IN	1988	1.290	1.310	1.115	1.097	0.927	0.868
KS	1988	1.426	1.310	1.169	1.087	0.964	0.889
KY	1988	1.356	1.310	1.110	1.109	0.954	0.881
LA	1988	1.420	1.310	0.934	1.227	0.993	0.953
MA	1988	1.604	1.310	0.883	1.462	0.993	0.956
MD	1988	1.552	1.310	0.925	1.378	0.989	0.940
ME	1988	1.535	1.310	0.832	1.520	0.988	0.937
MI	1988	1.334	1.310	0.985	1.103	0.991	0.946
MN	1988	1.271	1.310	1.160	1.026	0.936	0.871
MO	1988	1.151	1.310	1.069	1.017	0.931	0.869
MS	1988	1.547	1.310	1.066	1.221	0.984	0.923
MT	1988	0.872	1.310	0.930	1.077	0.773	0.860
NC	1988	2.104	1.310	1.402	1.190	0.995	0.968
ND	1988	0.720	1.310	0.864	1.072	0.690	0.860
NE	1988	1.562	1.310	1.201	1.056	0.992	0.949
NH	1988	1.410	1.310	0.669	1.629	0.999	0.990
NJ	1988	1.573	1.310	1.023	1.218	0.996	0.969
NM	1988	1.166	1.310	0.877	1.103	0.987	0.933
NV	1988	1.400	1.310	0.818	1.487	0.974	0.903
NY	1988	1.486	1.310	1.111	1.135	0.981	0.917
OH	1988	1.357	1.310	1.084	1.084	0.975	0.905
OK	1988	1.252	1.310	0.994	1.078	0.979	0.911
OR	1988	1.464	1.310	1.022	1.108	0.999	0.989
PA	1988	1.410	1.310	1.048	1.083	0.993	0.955
RI	1988	1.964	1.310	0.676	1.937	1.009	1.136
SC	1988	1.621	1.310	1.030	1.286	0.990	0.944
SD	1988	1.099	1.310	1.017	1.075	0.890	0.862
TN	1988	1.295	1.310	0.933	1.178	0.981	0.917
TX	1988	1.236	1.310	1.191	0.922	0.965	0.891
UT	1988	1.326	1.310	0.849	1.289	0.988	0.936
VA	1988	1.621	1.310	0.986	1.255	1.000	1.001
VT	1988	1.220	1.310	0.745	1.412	0.976	0.907
WA	1988	1.859	1.310	1.263	1.157	0.997	0.975
WI	1988	1.122	1.310	1.077	1.023	0.901	0.863
WV	1988	0.897	1.310	0.578	1.323	0.980	0.914
WY	1988	0.864	1.310	0.713	1.196	0.897	0.862

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1989	1.441	1.341	0.997	1.247	0.967	0.893
AR	1989	1.822	1.341	1.255	1.201	0.982	0.918
AZ	1989	1.739	1.341	1.294	1.095	0.986	0.929
CA	1989	2.434	1.341	2.003	0.932	0.997	0.976
CO	1989	1.338	1.341	1.038	1.118	0.965	0.891
CT	1989	1.461	1.341	0.914	1.445	0.944	0.875
DE	1989	1.809	1.341	0.898	1.713	0.973	0.901
FL	1989	2.070	1.341	1.584	1.097	0.978	0.909
GA	1989	2.064	1.341	1.329	1.207	0.995	0.965
IA	1989	1.706	1.341	1.383	1.038	0.977	0.908
ID	1989	1.601	1.341	1.189	1.141	0.974	0.903
IL	1989	1.649	1.341	1.249	1.056	0.990	0.942
IN	1989	1.631	1.341	1.143	1.099	0.996	0.973
KS	1989	1.350	1.341	1.190	1.073	0.912	0.865
KY	1989	1.578	1.341	1.145	1.085	0.993	0.954
LA	1989	1.312	1.341	0.946	1.252	0.944	0.875
MA	1989	1.594	1.341	0.895	1.481	0.980	0.915
MD	1989	1.515	1.341	0.952	1.347	0.975	0.904
ME	1989	1.385	1.341	0.870	1.525	0.902	0.863
MI	1989	1.447	1.341	1.036	1.111	0.991	0.946
MN	1989	1.578	1.341	1.187	1.026	0.996	0.971
MO	1989	1.360	1.341	1.090	1.043	0.979	0.911
MS	1989	1.442	1.341	1.092	1.233	0.922	0.867
MT	1989	1.193	1.341	0.946	1.052	0.979	0.913
NC	1989	2.130	1.341	1.411	1.180	0.994	0.960
ND	1989	0.993	1.341	0.867	1.070	0.921	0.867
NE	1989	1.611	1.341	1.240	1.053	0.987	0.932
NH	1989	1.295	1.341	0.691	1.620	0.967	0.893
NJ	1989	1.599	1.341	1.009	1.261	0.991	0.946
NM	1989	1.244	1.341	0.923	1.090	0.988	0.934
NV	1989	1.481	1.341	0.830	1.459	0.985	0.926
NY	1989	1.500	1.341	1.127	1.129	0.974	0.903
OH	1989	1.464	1.341	1.133	1.050	0.986	0.931
OK	1989	1.247	1.341	1.011	1.086	0.958	0.885
OR	1989	1.380	1.341	1.039	1.091	0.984	0.923
PA	1989	1.452	1.341	1.099	1.078	0.986	0.928
RI	1989	1.758	1.341	0.704	1.943	0.995	0.964
SC	1989	1.947	1.341	1.044	1.277	1.006	1.082
SD	1989	1.291	1.341	1.026	1.058	0.977	0.909
TN	1989	1.308	1.341	0.956	1.138	0.980	0.914
TX	1989	1.364	1.341	1.191	0.935	0.985	0.928
UT	1989	1.347	1.341	0.848	1.275	0.989	0.939
VA	1989	1.685	1.341	1.020	1.225	1.001	1.005
VT	1989	1.244	1.341	0.765	1.422	0.962	0.888
WA	1989	1.755	1.341	1.283	1.116	0.985	0.928
WI	1989	1.429	1.341	1.126	1.025	0.988	0.935
WV	1989	0.989	1.341	0.600	1.275	0.996	0.969
WY	1989	0.927	1.341	0.719	1.198	0.925	0.868

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1990	1.391	1.372	0.980	1.243	0.948	0.877
AR	1990	1.828	1.372	1.265	1.210	0.971	0.897
AZ	1990	1.680	1.372	1.274	1.083	0.977	0.908
CA	1990	2.618	1.372	1.998	0.945	1.001	1.009
CO	1990	1.445	1.372	1.033	1.136	0.980	0.915
CT	1990	1.615	1.372	0.914	1.453	0.976	0.907
DE	1990	2.077	1.372	0.895	1.772	0.994	0.960
FL	1990	2.109	1.372	1.581	1.101	0.975	0.905
GA	1990	1.930	1.372	1.309	1.221	0.974	0.904
IA	1990	1.668	1.372	1.375	1.037	0.961	0.887
ID	1990	1.755	1.372	1.192	1.142	0.991	0.948
IL	1990	1.648	1.372	1.247	1.082	0.978	0.910
IN	1990	1.625	1.372	1.155	1.128	0.984	0.924
KS	1990	1.553	1.372	1.174	1.066	0.983	0.920
KY	1990	1.459	1.372	1.131	1.086	0.968	0.895
LA	1990	1.480	1.372	0.928	1.281	0.984	0.923
MA	1990	1.623	1.372	0.924	1.477	0.969	0.895
MD	1990	1.587	1.372	0.948	1.334	0.986	0.928
ME	1990	1.512	1.372	0.870	1.503	0.956	0.882
MI	1990	1.439	1.372	1.038	1.117	0.983	0.920
MN	1990	1.581	1.372	1.212	1.040	0.986	0.928
MO	1990	1.289	1.372	1.069	1.057	0.948	0.877
MS	1990	1.553	1.372	1.085	1.243	0.953	0.881
MT	1990	1.243	1.372	0.945	1.073	0.979	0.912
NC	1990	2.246	1.372	1.410	1.167	0.999	0.995
ND	1990	1.169	1.372	0.867	1.085	0.983	0.921
NE	1990	1.675	1.372	1.257	1.049	0.988	0.937
NH	1990	1.240	1.372	0.690	1.558	0.954	0.881
NJ	1990	1.586	1.372	1.009	1.279	0.980	0.914
NM	1990	1.233	1.372	0.923	1.089	0.979	0.912
NV	1990	1.487	1.372	0.822	1.427	0.988	0.935
NY	1990	1.559	1.372	1.149	1.152	0.965	0.890
OH	1990	1.524	1.372	1.137	1.058	0.988	0.935
OK	1990	1.229	1.372	0.997	1.065	0.956	0.883
OR	1990	1.491	1.372	1.019	1.083	0.998	0.986
PA	1990	1.472	1.372	1.094	1.087	0.982	0.919
RI	1990	1.732	1.372	0.703	1.951	0.987	0.933
SC	1990	1.489	1.372	1.029	1.247	0.958	0.883
SD	1990	1.446	1.372	1.038	1.084	0.991	0.945
TN	1990	1.289	1.372	0.941	1.132	0.975	0.905
TX	1990	1.318	1.372	1.190	0.931	0.968	0.895
UT	1990	1.382	1.372	0.849	1.245	0.994	0.959
VA	1990	1.616	1.372	1.052	1.170	0.994	0.962
VT	1990	1.261	1.372	0.759	1.447	0.953	0.879
WA	1990	1.916	1.372	1.254	1.102	1.001	1.008
WI	1990	1.394	1.372	1.126	1.028	0.973	0.901
WV	1990	1.030	1.372	0.611	1.312	0.991	0.945
WY	1990	1.072	1.372	0.722	1.181	0.986	0.929

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1991	1.595	1.382	0.995	1.235	0.991	0.947
AR	1991	1.847	1.382	1.262	1.207	0.973	0.902
AZ	1991	1.761	1.382	1.283	1.102	0.982	0.918
CA	1991	2.359	1.382	2.017	0.939	0.982	0.918
CO	1991	1.531	1.382	1.041	1.178	0.983	0.920
CT	1991	1.583	1.382	0.882	1.444	0.981	0.917
DE	1991	2.250	1.382	0.882	1.825	1.001	1.010
FL	1991	2.129	1.382	1.594	1.087	0.978	0.909
GA	1991	2.124	1.382	1.335	1.213	0.993	0.955
IA	1991	1.730	1.382	1.382	1.057	0.963	0.889
ID	1991	1.954	1.382	1.179	1.186	1.001	1.009
IL	1991	1.540	1.382	1.228	1.082	0.953	0.880
IN	1991	1.537	1.382	1.148	1.140	0.960	0.885
KS	1991	1.575	1.382	1.173	1.089	0.979	0.912
KY	1991	1.577	1.382	1.132	1.113	0.983	0.921
LA	1991	1.433	1.382	0.943	1.310	0.954	0.880
MA	1991	1.728	1.382	0.888	1.457	0.996	0.971
MD	1991	1.615	1.382	0.929	1.365	0.987	0.933
ME	1991	1.513	1.382	0.842	1.517	0.963	0.890
MI	1991	1.414	1.382	1.020	1.107	0.983	0.921
MN	1991	1.561	1.382	1.201	1.060	0.977	0.908
MO	1991	1.293	1.382	1.084	1.049	0.942	0.873
MS	1991	1.640	1.382	1.078	1.247	0.975	0.905
MT	1991	1.346	1.382	0.949	1.058	0.996	0.973
NC	1991	2.409	1.382	1.411	1.159	1.005	1.060
ND	1991	1.137	1.382	0.869	1.084	0.972	0.899
NE	1991	1.758	1.382	1.217	1.064	0.998	0.984
NH	1991	1.408	1.382	0.676	1.618	0.990	0.941
NJ	1991	1.684	1.382	1.021	1.315	0.983	0.922
NM	1991	1.276	1.382	0.898	1.090	0.992	0.951
NV	1991	1.449	1.382	0.825	1.428	0.978	0.910
NY	1991	1.578	1.382	1.139	1.166	0.965	0.891
OH	1991	1.413	1.382	1.111	1.067	0.967	0.892
OK	1991	1.147	1.382	1.001	1.073	0.896	0.862
OR	1991	1.523	1.382	1.029	1.095	0.998	0.981
PA	1991	1.409	1.382	1.063	1.075	0.979	0.911
RI	1991	1.687	1.382	0.676	1.869	0.996	0.970
SC	1991	1.632	1.382	1.045	1.268	0.979	0.911
SD	1991	1.481	1.382	1.033	1.075	0.996	0.969
TN	1991	1.335	1.382	0.950	1.126	0.982	0.919
TX	1991	1.405	1.382	1.197	0.937	0.983	0.922
UT	1991	1.380	1.382	0.854	1.247	0.991	0.946
VA	1991	1.639	1.382	1.006	1.152	1.002	1.021
VT	1991	1.394	1.382	0.752	1.534	0.972	0.899
WA	1991	1.817	1.382	1.268	1.108	0.991	0.944
WI	1991	1.467	1.382	1.099	1.059	0.985	0.926
WV	1991	0.982	1.382	0.600	1.283	0.988	0.934
WY	1991	1.046	1.382	0.727	1.165	0.979	0.913

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1992	1.495	1.392	1.001	1.192	0.981	0.918
AR	1992	2.132	1.392	1.268	1.209	1.000	0.998
AZ	1992	1.823	1.392	1.303	1.093	0.987	0.931
CA	1992	2.590	1.392	2.005	0.960	0.996	0.970
CO	1992	1.622	1.392	1.057	1.195	0.988	0.934
CT	1992	1.773	1.392	0.926	1.420	0.996	0.972
DE	1992	2.168	1.392	0.899	1.772	0.997	0.980
FL	1992	2.267	1.392	1.594	1.071	0.994	0.960
GA	1992	2.188	1.392	1.333	1.215	0.996	0.974
IA	1992	2.011	1.392	1.376	1.060	0.999	0.991
ID	1992	1.934	1.392	1.214	1.200	0.994	0.959
IL	1992	1.794	1.392	1.277	1.098	0.987	0.932
IN	1992	1.866	1.392	1.209	1.148	0.996	0.970
KS	1992	1.702	1.392	1.205	1.099	0.988	0.934
KY	1992	1.704	1.392	1.158	1.115	0.993	0.955
LA	1992	1.505	1.392	0.944	1.250	0.986	0.929
MA	1992	1.638	1.392	0.899	1.418	0.988	0.934
MD	1992	1.668	1.392	0.951	1.330	0.993	0.954
ME	1992	1.679	1.392	0.879	1.487	0.988	0.934
MI	1992	1.529	1.392	1.064	1.133	0.985	0.925
MN	1992	1.655	1.392	1.250	1.066	0.979	0.911
MO	1992	1.485	1.392	1.091	1.060	0.987	0.934
MS	1992	1.892	1.392	1.115	1.257	0.996	0.973
MT	1992	1.272	1.392	0.964	1.063	0.978	0.911
NC	1992	2.412	1.392	1.472	1.168	1.001	1.007
ND	1992	1.302	1.392	0.869	1.100	0.998	0.982
NE	1992	1.889	1.392	1.258	1.088	0.999	0.992
NH	1992	1.485	1.392	0.692	1.580	0.997	0.978
NJ	1992	1.658	1.392	1.019	1.274	0.986	0.930
NM	1992	1.381	1.392	0.972	1.085	0.991	0.949
NV	1992	1.399	1.392	0.827	1.421	0.962	0.888
NY	1992	1.642	1.392	1.160	1.162	0.972	0.900
OH	1992	1.667	1.392	1.186	1.089	0.989	0.938
OK	1992	1.244	1.392	1.016	1.061	0.946	0.876
OR	1992	1.497	1.392	1.021	1.111	0.993	0.955
PA	1992	1.658	1.392	1.115	1.086	0.998	0.985
RI	1992	1.586	1.392	0.702	1.830	0.977	0.908
SC	1992	1.866	1.392	1.042	1.315	0.997	0.981
SD	1992	1.616	1.392	1.069	1.112	0.997	0.979
TN	1992	1.411	1.392	0.967	1.111	0.992	0.951
TX	1992	1.480	1.392	1.201	0.934	0.993	0.954
UT	1992	1.376	1.392	0.854	1.242	0.990	0.942
VA	1992	1.717	1.392	1.083	1.176	0.996	0.972
VT	1992	1.690	1.392	0.761	1.563	1.002	1.018
WA	1992	1.947	1.392	1.252	1.159	0.995	0.968
WI	1992	1.472	1.392	1.142	1.065	0.970	0.896
WV	1992	1.064	1.392	0.621	1.233	1.000	0.998
WY	1992	1.150	1.392	0.743	1.176	0.992	0.953

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1993	1.548	1.402	0.979	1.233	0.986	0.928
AR	1993	1.902	1.402	1.260	1.226	0.974	0.902
AZ	1993	1.876	1.402	1.269	1.133	0.989	0.940
CA	1993	2.528	1.402	2.010	0.961	0.990	0.942
CO	1993	1.690	1.402	1.044	1.201	0.995	0.966
CT	1993	1.729	1.402	0.885	1.420	0.998	0.983
DE	1993	2.088	1.402	0.883	1.816	0.989	0.939
FL	1993	2.206	1.402	1.580	1.092	0.985	0.926
GA	1993	2.070	1.402	1.307	1.233	0.986	0.929
IA	1993	1.554	1.402	1.423	1.085	0.834	0.860
ID	1993	2.081	1.402	1.198	1.212	1.002	1.020
IL	1993	1.700	1.402	1.244	1.104	0.975	0.905
IN	1993	1.694	1.402	1.203	1.141	0.974	0.903
KS	1993	1.628	1.402	1.190	1.094	0.979	0.911
KY	1993	1.636	1.402	1.123	1.122	0.988	0.937
LA	1993	1.403	1.402	0.930	1.264	0.960	0.886
MA	1993	1.585	1.402	0.888	1.422	0.980	0.913
MD	1993	1.624	1.402	0.933	1.367	0.984	0.923
ME	1993	1.626	1.402	0.842	1.493	0.987	0.934
MI	1993	1.533	1.402	1.035	1.147	0.987	0.933
MN	1993	1.343	1.402	1.252	1.067	0.834	0.860
MO	1993	1.308	1.402	1.070	1.074	0.932	0.870
MS	1993	1.599	1.402	1.090	1.261	0.947	0.876
MT	1993	1.470	1.402	0.990	1.089	0.997	0.976
NC	1993	2.466	1.402	1.459	1.199	1.000	1.005
ND	1993	1.174	1.402	0.871	1.105	0.970	0.897
NE	1993	1.761	1.402	1.212	1.120	0.988	0.937
NH	1993	1.515	1.402	0.674	1.644	0.997	0.977
NJ	1993	1.731	1.402	1.012	1.292	0.992	0.952
NM	1993	1.403	1.402	0.897	1.085	1.002	1.025
NV	1993	1.565	1.402	0.816	1.437	0.994	0.958
NY	1993	1.668	1.402	1.199	1.152	0.966	0.892
OH	1993	1.524	1.402	1.114	1.087	0.981	0.915
OK	1993	1.229	1.402	0.998	1.061	0.946	0.876
OR	1993	1.551	1.402	1.057	1.126	0.989	0.940
PA	1993	1.585	1.402	1.071	1.095	0.995	0.968
RI	1993	1.553	1.402	0.678	1.826	0.979	0.913
SC	1993	1.676	1.402	1.023	1.329	0.974	0.903
SD	1993	1.504	1.402	1.078	1.115	0.979	0.912
TN	1993	1.364	1.402	0.937	1.134	0.985	0.928
TX	1993	1.498	1.402	1.190	0.935	0.995	0.965
UT	1993	1.535	1.402	0.862	1.284	0.999	0.990
VA	1993	1.595	1.402	1.012	1.208	0.989	0.940
VT	1993	1.486	1.402	0.749	1.564	0.983	0.921
WA	1993	2.057	1.402	1.298	1.151	0.998	0.984
WI	1993	1.383	1.402	1.096	1.071	0.955	0.881
WV	1993	1.012	1.402	0.630	1.245	0.987	0.932
WY	1993	1.063	1.402	0.746	1.173	0.968	0.895

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1994	1.693	1.412	1.011	1.295	0.986	0.929
AR	1994	2.136	1.412	1.254	1.240	0.997	0.976
AZ	1994	1.870	1.412	1.294	1.119	0.985	0.928
CA	1994	2.685	1.412	1.994	0.956	1.000	0.998
CO	1994	1.693	1.412	1.034	1.209	0.995	0.964
CT	1994	1.686	1.412	0.896	1.405	0.993	0.955
DE	1994	2.190	1.412	0.897	1.770	0.997	0.979
FL	1994	2.329	1.412	1.601	1.088	0.992	0.953
GA	1994	2.403	1.412	1.354	1.234	1.002	1.017
IA	1994	2.153	1.412	1.368	1.082	1.003	1.027
ID	1994	1.998	1.412	1.190	1.225	0.997	0.974
IL	1994	1.809	1.412	1.238	1.096	0.992	0.952
IN	1994	1.876	1.412	1.175	1.163	0.997	0.976
KS	1994	1.862	1.412	1.181	1.101	1.001	1.013
KY	1994	1.760	1.412	1.141	1.132	0.995	0.968
LA	1994	1.591	1.412	0.944	1.299	0.986	0.931
MA	1994	1.553	1.412	0.901	1.408	0.968	0.895
MD	1994	1.756	1.412	0.943	1.385	0.994	0.958
ME	1994	1.526	1.412	0.853	1.479	0.963	0.889
MI	1994	1.565	1.412	1.020	1.157	0.991	0.947
MN	1994	1.715	1.412	1.246	1.078	0.983	0.920
MO	1994	1.475	1.412	1.092	1.072	0.979	0.912
MS	1994	1.764	1.412	1.094	1.276	0.980	0.913
MT	1994	1.243	1.412	0.950	1.087	0.961	0.887
NC	1994	2.700	1.412	1.432	1.201	1.008	1.103
ND	1994	1.205	1.412	0.862	1.118	0.976	0.907
NE	1994	1.946	1.412	1.223	1.087	1.003	1.032
NH	1994	1.496	1.412	0.683	1.630	0.993	0.958
NJ	1994	1.684	1.412	1.003	1.257	0.992	0.953
NM	1994	1.382	1.412	0.901	1.104	0.998	0.986
NV	1994	1.480	1.412	0.832	1.469	0.964	0.889
NY	1994	1.721	1.412	1.171	1.163	0.980	0.913
OH	1994	1.670	1.412	1.112	1.090	0.997	0.979
OK	1994	1.286	1.412	0.999	1.075	0.958	0.885
OR	1994	1.584	1.412	1.018	1.102	1.000	1.000
PA	1994	1.657	1.412	1.081	1.112	0.997	0.979
RI	1994	1.421	1.412	0.693	1.797	0.929	0.869
SC	1994	2.095	1.412	1.052	1.377	1.002	1.021
SD	1994	1.682	1.412	1.054	1.104	1.002	1.021
TN	1994	1.597	1.412	0.964	1.163	1.001	1.008
TX	1994	1.543	1.412	1.186	0.932	0.999	0.989
UT	1994	1.417	1.412	0.843	1.263	0.992	0.950
VA	1994	1.801	1.412	1.009	1.211	1.004	1.040
VT	1994	1.537	1.412	0.761	1.548	0.988	0.935
WA	1994	1.996	1.412	1.251	1.125	1.000	1.004
WI	1994	1.578	1.412	1.110	1.070	0.992	0.949
WV	1994	1.063	1.412	0.604	1.278	0.997	0.978
WY	1994	0.939	1.412	0.726	1.162	0.912	0.865

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1995	1.432	1.423	0.982	1.275	0.927	0.868
AR	1995	1.904	1.423	1.255	1.184	0.982	0.918
AZ	1995	1.677	1.423	1.274	1.095	0.957	0.883
CA	1995	2.370	1.423	2.012	0.950	0.971	0.898
CO	1995	1.664	1.423	1.032	1.213	0.990	0.943
CT	1995	1.912	1.423	0.885	1.431	1.005	1.056
DE	1995	2.025	1.423	0.883	1.795	0.981	0.916
FL	1995	2.225	1.423	1.588	1.102	0.979	0.913
GA	1995	2.357	1.423	1.317	1.252	1.000	1.004
IA	1995	1.863	1.423	1.398	1.055	0.977	0.908
ID	1995	1.960	1.423	1.180	1.209	0.996	0.970
IL	1995	1.556	1.423	1.227	1.082	0.942	0.874
IN	1995	1.693	1.423	1.139	1.159	0.982	0.918
KS	1995	1.502	1.423	1.177	1.074	0.950	0.878
KY	1995	1.604	1.423	1.128	1.128	0.976	0.907
LA	1995	1.488	1.423	0.931	1.267	0.977	0.908
MA	1995	1.587	1.423	0.888	1.463	0.965	0.891
MD	1995	1.635	1.423	0.934	1.373	0.980	0.915
ME	1995	1.703	1.423	0.844	1.483	0.994	0.961
MI	1995	1.546	1.423	1.004	1.137	0.994	0.958
MN	1995	1.653	1.423	1.190	1.084	0.981	0.917
MO	1995	1.314	1.423	1.073	1.045	0.942	0.874
MS	1995	1.758	1.423	1.083	1.261	0.983	0.921
MT	1995	1.420	1.423	0.951	1.109	0.992	0.953
NC	1995	2.499	1.423	1.405	1.190	1.004	1.046
ND	1995	1.164	1.423	0.870	1.122	0.952	0.880
NE	1995	1.725	1.423	1.212	1.089	0.986	0.931
NH	1995	1.303	1.423	0.675	1.524	0.978	0.910
NJ	1995	1.730	1.423	1.007	1.266	0.994	0.959
NM	1995	1.442	1.423	0.891	1.140	1.000	0.997
NV	1995	1.531	1.423	0.825	1.455	0.980	0.914
NY	1995	1.682	1.423	1.143	1.155	0.980	0.914
OH	1995	1.519	1.423	1.110	1.065	0.982	0.920
OK	1995	1.095	1.423	1.002	1.057	0.845	0.860
OR	1995	1.442	1.423	1.042	1.081	0.981	0.917
PA	1995	1.583	1.423	1.068	1.118	0.990	0.942
RI	1995	1.554	1.423	0.681	1.909	0.954	0.881
SC	1995	1.789	1.423	1.037	1.327	0.985	0.927
SD	1995	1.476	1.423	1.037	1.091	0.986	0.930
TN	1995	1.395	1.423	0.946	1.137	0.985	0.926
TX	1995	1.330	1.423	1.192	0.934	0.953	0.880
UT	1995	1.435	1.423	0.854	1.269	0.989	0.940
VA	1995	1.614	1.423	0.995	1.167	0.997	0.979
VT	1995	1.339	1.423	0.754	1.426	0.973	0.900
WA	1995	2.062	1.423	1.281	1.151	0.998	0.985
WI	1995	1.482	1.423	1.100	1.070	0.976	0.906
WV	1995	0.996	1.423	0.590	1.286	0.987	0.934
WY	1995	1.155	1.423	0.723	1.174	0.994	0.962

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1996	1.550	1.433	0.993	1.310	0.948	0.877
AR	1996	2.187	1.433	1.253	1.201	1.001	1.013
AZ	1996	1.874	1.433	1.286	1.117	0.984	0.925
CA	1996	2.463	1.433	1.994	0.940	0.986	0.930
CO	1996	1.669	1.433	1.043	1.194	0.991	0.944
CT	1996	1.970	1.433	0.918	1.449	1.003	1.031
DE	1996	2.358	1.433	0.915	1.838	0.997	0.981
FL	1996	2.306	1.433	1.595	1.113	0.983	0.922
GA	1996	2.400	1.433	1.323	1.253	1.001	1.009
IA	1996	2.052	1.433	1.378	1.079	0.995	0.968
ID	1996	2.033	1.433	1.198	1.225	0.996	0.971
IL	1996	1.665	1.433	1.253	1.102	0.954	0.882
IN	1996	1.793	1.433	1.169	1.159	0.988	0.935
KS	1996	1.760	1.433	1.187	1.087	0.994	0.958
KY	1996	1.760	1.433	1.147	1.126	0.993	0.957
LA	1996	1.670	1.433	0.938	1.302	0.994	0.960
MA	1996	1.702	1.433	0.948	1.489	0.955	0.882
MD	1996	1.891	1.433	0.962	1.385	0.999	0.991
ME	1996	1.838	1.433	0.891	1.513	0.993	0.958
MI	1996	1.540	1.433	1.032	1.162	0.980	0.914
MN	1996	1.744	1.433	1.209	1.080	0.990	0.941
MO	1996	1.534	1.433	1.081	1.044	0.993	0.956
MS	1996	1.785	1.433	1.096	1.249	0.984	0.925
MT	1996	1.275	1.433	0.946	1.086	0.968	0.895
NC	1996	2.516	1.433	1.442	1.195	1.002	1.018
ND	1996	1.197	1.433	0.863	1.083	0.979	0.912
NE	1996	1.964	1.433	1.323	1.075	0.995	0.968
NH	1996	1.462	1.433	0.701	1.551	0.991	0.947
NJ	1996	1.762	1.433	1.009	1.298	0.991	0.947
NM	1996	1.531	1.433	0.939	1.157	0.998	0.985
NV	1996	1.620	1.433	0.831	1.475	0.987	0.934
NY	1996	1.749	1.433	1.149	1.149	0.988	0.936
OH	1996	1.542	1.433	1.137	1.064	0.978	0.910
OK	1996	1.158	1.433	1.001	1.044	0.897	0.863
OR	1996	1.462	1.433	1.019	1.058	0.992	0.953
PA	1996	1.692	1.433	1.109	1.105	0.995	0.968
RI	1996	1.731	1.433	0.705	1.939	0.976	0.906
SC	1996	1.868	1.433	1.039	1.351	0.989	0.939
SD	1996	1.721	1.433	1.049	1.091	1.004	1.044
TN	1996	1.380	1.433	0.956	1.144	0.975	0.904
TX	1996	1.369	1.433	1.186	0.911	0.976	0.907
UT	1996	1.401	1.433	0.847	1.255	0.987	0.932
VA	1996	1.681	1.433	1.088	1.178	0.986	0.929
VT	1996	1.462	1.433	0.769	1.451	0.986	0.928
WA	1996	2.058	1.433	1.253	1.121	1.002	1.020
WI	1996	1.584	1.433	1.136	1.085	0.980	0.915
WV	1996	0.963	1.433	0.610	1.253	0.974	0.903
WY	1996	1.026	1.433	0.727	1.158	0.960	0.886

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1997	1.516	1.443	0.996	1.285	0.940	0.873
AR	1997	2.285	1.443	1.256	1.209	1.004	1.039
AZ	1997	2.024	1.443	1.281	1.149	0.994	0.959
CA	1997	2.646	1.443	1.993	0.957	0.995	0.966
CO	1997	1.768	1.443	1.042	1.190	0.999	0.989
CT	1997	1.782	1.443	0.902	1.435	0.994	0.960
DE	1997	2.016	1.443	0.884	1.770	0.979	0.912
FL	1997	2.296	1.443	1.593	1.103	0.983	0.921
GA	1997	2.464	1.443	1.330	1.247	1.003	1.027
IA	1997	2.093	1.443	1.399	1.087	0.994	0.959
ID	1997	2.294	1.443	1.188	1.264	1.005	1.053
IL	1997	1.565	1.443	1.246	1.088	0.923	0.867
IN	1997	1.876	1.443	1.156	1.173	0.995	0.964
KS	1997	1.966	1.443	1.185	1.106	1.003	1.035
KY	1997	1.651	1.443	1.139	1.118	0.981	0.916
LA	1997	1.447	1.443	0.934	1.269	0.957	0.883
MA	1997	1.707	1.443	0.910	1.481	0.973	0.901
MD	1997	1.643	1.443	0.932	1.375	0.977	0.909
ME	1997	1.673	1.443	0.860	1.457	0.988	0.936
MI	1997	1.545	1.443	1.034	1.147	0.982	0.919
MN	1997	1.669	1.443	1.227	1.089	0.968	0.894
MO	1997	1.535	1.443	1.081	1.058	0.989	0.940
MS	1997	1.724	1.443	1.086	1.237	0.978	0.909
MT	1997	1.223	1.443	0.959	1.068	0.945	0.875
NC	1997	2.457	1.443	1.420	1.196	1.000	1.002
ND	1997	1.098	1.443	0.869	1.123	0.903	0.863
NE	1997	1.890	1.443	1.240	1.081	0.997	0.980
NH	1997	1.343	1.443	0.677	1.516	0.983	0.922
NJ	1997	1.622	1.443	1.014	1.264	0.973	0.901
NM	1997	1.447	1.443	0.919	1.098	0.999	0.994
NV	1997	1.663	1.443	0.824	1.552	0.982	0.918
NY	1997	1.656	1.443	1.160	1.166	0.959	0.884
OH	1997	1.727	1.443	1.134	1.063	0.999	0.994
OK	1997	1.276	1.443	1.005	1.053	0.950	0.879
OR	1997	1.600	1.443	1.037	1.093	0.997	0.980
PA	1997	1.530	1.443	1.076	1.080	0.985	0.926
RI	1997	1.596	1.443	0.687	1.880	0.963	0.889
SC	1997	1.794	1.443	1.042	1.288	0.989	0.937
SD	1997	1.634	1.443	1.050	1.100	0.998	0.982
TN	1997	1.307	1.443	0.954	1.142	0.948	0.877
TX	1997	1.473	1.443	1.195	0.927	0.987	0.933
UT	1997	1.522	1.443	0.859	1.276	0.995	0.967
VA	1997	1.532	1.443	1.050	1.208	0.952	0.879
VT	1997	1.374	1.443	0.752	1.415	0.980	0.913
WA	1997	2.071	1.443	1.273	1.135	0.999	0.994
WI	1997	1.596	1.443	1.116	1.093	0.983	0.921
WV	1997	0.931	1.443	0.615	1.278	0.940	0.873
WY	1997	1.126	1.443	0.734	1.170	0.984	0.923

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1998	1.442	1.454	0.979	1.284	0.913	0.865
AR	1998	2.233	1.454	1.259	1.230	0.999	0.992
AZ	1998	2.002	1.454	1.265	1.143	0.993	0.958
CA	1998	2.342	1.454	2.006	0.929	0.967	0.893
CO	1998	1.881	1.454	1.038	1.201	1.003	1.034
CT	1998	1.837	1.454	0.926	1.429	0.994	0.961
DE	1998	2.096	1.454	0.894	1.839	0.973	0.901
FL	1998	2.320	1.454	1.571	1.107	0.986	0.930
GA	1998	2.233	1.454	1.308	1.263	0.989	0.940
IA	1998	2.188	1.454	1.378	1.114	0.998	0.982
ID	1998	2.137	1.454	1.200	1.252	0.997	0.981
IL	1998	1.699	1.454	1.252	1.116	0.951	0.880
IN	1998	1.918	1.454	1.167	1.183	0.994	0.961
KS	1998	1.885	1.454	1.174	1.097	1.001	1.006
KY	1998	1.612	1.454	1.142	1.142	0.960	0.886
LA	1998	1.260	1.454	0.920	1.276	0.858	0.860
MA	1998	1.633	1.454	0.913	1.470	0.952	0.879
MD	1998	1.671	1.454	0.944	1.399	0.970	0.897
ME	1998	1.772	1.454	0.884	1.449	0.994	0.959
MI	1998	1.598	1.454	1.022	1.162	0.988	0.937
MN	1998	1.859	1.454	1.230	1.106	0.991	0.948
MO	1998	1.546	1.454	1.065	1.083	0.987	0.933
MS	1998	1.738	1.454	1.087	1.275	0.966	0.892
MT	1998	1.208	1.454	0.948	1.101	0.919	0.866
NC	1998	2.405	1.454	1.421	1.233	0.992	0.951
ND	1998	1.256	1.454	0.869	1.133	0.974	0.902
NE	1998	1.923	1.454	1.257	1.087	0.996	0.972
NH	1998	1.378	1.454	0.689	1.496	0.987	0.932
NJ	1998	1.743	1.454	1.005	1.312	0.984	0.924
NM	1998	1.440	1.454	0.958	1.120	0.988	0.935
NV	1998	1.700	1.454	0.822	1.561	0.985	0.925
NY	1998	1.654	1.454	1.160	1.166	0.954	0.881
OH	1998	1.804	1.454	1.133	1.115	0.998	0.984
OK	1998	1.217	1.454	0.987	1.042	0.935	0.871
OR	1998	1.604	1.454	1.020	1.130	0.994	0.963
PA	1998	1.571	1.454	1.106	1.091	0.980	0.914
RI	1998	1.577	1.454	0.709	1.873	0.937	0.871
SC	1998	1.689	1.454	1.027	1.319	0.964	0.890
SD	1998	1.692	1.454	1.048	1.117	0.999	0.995
TN	1998	1.303	1.454	0.950	1.189	0.916	0.866
TX	1998	1.435	1.454	1.176	0.924	0.984	0.923
UT	1998	1.466	1.454	0.851	1.278	0.989	0.938
VA	1998	1.535	1.454	1.053	1.222	0.940	0.873
VT	1998	1.302	1.454	0.757	1.403	0.956	0.882
WA	1998	2.109	1.454	1.248	1.147	1.001	1.012
WI	1998	1.624	1.454	1.127	1.100	0.982	0.918
WV	1998	0.929	1.454	0.619	1.304	0.915	0.865
WY	1998	1.102	1.454	0.726	1.206	0.968	0.895

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	1999	1.500	1.464	0.983	1.277	0.937	0.872
AR	1999	2.189	1.464	1.263	1.216	0.997	0.977
AZ	1999	2.159	1.464	1.272	1.166	0.999	0.995
CA	1999	2.355	1.464	2.003	0.923	0.970	0.897
CO	1999	1.880	1.464	1.043	1.197	1.003	1.026
CT	1999	1.969	1.464	0.876	1.439	1.005	1.061
DE	1999	2.002	1.464	0.878	1.807	0.966	0.892
FL	1999	2.282	1.464	1.590	1.096	0.979	0.913
GA	1999	2.376	1.464	1.314	1.269	0.997	0.976
IA	1999	2.134	1.464	1.386	1.103	0.994	0.959
ID	1999	2.119	1.464	1.182	1.226	1.000	0.999
IL	1999	1.634	1.464	1.224	1.111	0.939	0.873
IN	1999	1.815	1.464	1.149	1.175	0.987	0.931
KS	1999	1.850	1.464	1.181	1.104	0.996	0.973
KY	1999	1.609	1.464	1.118	1.142	0.965	0.892
LA	1999	1.364	1.464	0.928	1.280	0.907	0.864
MA	1999	1.799	1.464	0.895	1.475	0.989	0.941
MD	1999	1.669	1.464	0.926	1.378	0.979	0.912
ME	1999	1.790	1.464	0.836	1.460	1.000	1.002
MI	1999	1.660	1.464	1.014	1.157	0.996	0.971
MN	1999	1.875	1.464	1.203	1.107	0.995	0.966
MO	1999	1.430	1.464	1.068	1.076	0.959	0.886
MS	1999	1.700	1.464	1.078	1.275	0.957	0.883
MT	1999	1.224	1.464	0.950	1.088	0.930	0.869
NC	1999	2.280	1.464	1.423	1.228	0.979	0.911
ND	1999	1.189	1.464	0.870	1.123	0.947	0.877
NE	1999	1.867	1.464	1.209	1.080	0.997	0.979
NH	1999	1.387	1.464	0.668	1.507	0.991	0.948
NJ	1999	1.747	1.464	1.018	1.293	0.983	0.922
NM	1999	1.507	1.464	0.894	1.107	1.003	1.037
NV	1999	1.729	1.464	0.817	1.564	0.988	0.935
NY	1999	1.802	1.464	1.152	1.195	0.979	0.913
OH	1999	1.711	1.464	1.102	1.111	0.994	0.960
OK	1999	1.295	1.464	0.997	1.054	0.955	0.882
OR	1999	1.513	1.464	1.025	1.092	0.987	0.934
PA	1999	1.576	1.464	1.059	1.111	0.986	0.928
RI	1999	1.626	1.464	0.673	1.882	0.973	0.901
SC	1999	1.850	1.464	1.028	1.348	0.985	0.926
SD	1999	1.620	1.464	1.040	1.100	0.996	0.971
TN	1999	1.176	1.464	0.938	1.153	0.862	0.861
TX	1999	1.556	1.464	1.190	0.918	0.997	0.976
UT	1999	1.479	1.464	0.859	1.255	0.991	0.945
VA	1999	1.500	1.464	1.000	1.209	0.958	0.884
VT	1999	1.287	1.464	0.745	1.417	0.948	0.877
WA	1999	2.112	1.464	1.260	1.148	1.000	0.997
WI	1999	1.706	1.464	1.087	1.114	0.995	0.967
WV	1999	0.898	1.464	0.598	1.316	0.903	0.863
WY	1999	1.174	1.464	0.726	1.197	0.988	0.934

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	2000	1.413	1.475	0.973	1.282	0.891	0.862
AR	2000	2.131	1.475	1.257	1.194	0.995	0.967
AZ	2000	2.119	1.475	1.267	1.173	0.996	0.970
CA	2000	2.567	1.475	1.997	0.945	0.988	0.934
CO	2000	1.787	1.475	1.029	1.203	0.997	0.981
CT	2000	2.147	1.475	0.922	1.448	1.007	1.083
DE	2000	2.346	1.475	0.908	1.841	0.993	0.957
FL	2000	2.315	1.475	1.580	1.083	0.986	0.930
GA	2000	2.425	1.475	1.310	1.257	1.000	0.998
IA	2000	2.145	1.475	1.374	1.105	0.994	0.963
ID	2000	2.212	1.475	1.212	1.200	1.003	1.028
IL	2000	1.668	1.475	1.281	1.102	0.923	0.867
IN	2000	1.885	1.475	1.171	1.163	0.991	0.947
KS	2000	1.685	1.475	1.169	1.087	0.981	0.916
KY	2000	1.753	1.475	1.140	1.145	0.984	0.925
LA	2000	1.293	1.475	0.924	1.280	0.862	0.861
MA	2000	1.830	1.475	0.963	1.492	0.967	0.893
MD	2000	1.926	1.475	0.960	1.399	0.997	0.976
ME	2000	2.097	1.475	0.891	1.465	1.006	1.082
MI	2000	1.603	1.475	1.089	1.157	0.967	0.893
MN	2000	1.863	1.475	1.217	1.114	0.990	0.942
MO	2000	1.554	1.475	1.061	1.072	0.988	0.937
MS	2000	1.551	1.475	1.082	1.262	0.894	0.862
MT	2000	1.092	1.475	0.941	1.080	0.847	0.860
NC	2000	2.398	1.475	1.406	1.235	0.991	0.945
ND	2000	1.271	1.475	0.864	1.123	0.977	0.909
NE	2000	1.936	1.475	1.302	1.120	0.981	0.917
NH	2000	1.404	1.475	0.694	1.525	0.981	0.917
NJ	2000	1.944	1.475	1.008	1.286	1.002	1.015
NM	2000	1.473	1.475	0.957	1.121	0.989	0.941
NV	2000	1.655	1.475	0.831	1.499	0.982	0.918
NY	2000	1.813	1.475	1.151	1.177	0.983	0.922
OH	2000	1.886	1.475	1.182	1.121	0.996	0.970
OK	2000	1.237	1.475	0.992	1.055	0.924	0.868
OR	2000	1.547	1.475	1.023	1.128	0.984	0.924
PA	2000	1.761	1.475	1.117	1.103	0.996	0.972
RI	2000	1.694	1.475	0.711	1.903	0.959	0.885
SC	2000	1.912	1.475	1.032	1.327	0.992	0.953
SD	2000	1.696	1.475	1.034	1.108	1.000	1.003
TN	2000	1.203	1.475	0.944	1.152	0.871	0.860
TX	2000	1.371	1.475	1.184	0.924	0.960	0.886
UT	2000	1.467	1.475	0.846	1.270	0.988	0.937
VA	2000	1.713	1.475	1.127	1.224	0.955	0.882
VT	2000	1.382	1.475	0.772	1.431	0.959	0.885
WA	2000	2.120	1.475	1.265	1.150	0.999	0.990
WI	2000	1.710	1.475	1.140	1.138	0.979	0.913
WV	2000	1.063	1.475	0.637	1.318	0.964	0.891
WY	2000	1.028	1.475	0.717	1.183	0.941	0.874

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	2001	1.594	1.488	1.001	1.261	0.959	0.885
AR	2001	2.297	1.488	1.257	1.199	1.002	1.022
AZ	2001	2.214	1.488	1.276	1.180	0.999	0.990
CA	2001	2.656	1.488	1.993	0.960	0.990	0.942
CO	2001	1.957	1.488	1.031	1.194	1.005	1.063
CT	2001	2.030	1.488	0.885	1.461	1.005	1.050
DE	2001	2.195	1.488	0.899	1.800	0.985	0.926
FL	2001	2.548	1.488	1.595	1.086	0.999	0.990
GA	2001	2.546	1.488	1.335	1.240	1.003	1.030
IA	2001	2.178	1.488	1.375	1.112	0.994	0.963
ID	2001	2.292	1.488	1.189	1.197	1.006	1.076
IL	2001	1.803	1.488	1.247	1.156	0.954	0.881
IN	2001	1.968	1.488	1.149	1.157	0.999	0.995
KS	2001	1.812	1.488	1.170	1.098	0.993	0.955
KY	2001	1.663	1.488	1.143	1.147	0.961	0.887
LA	2001	1.569	1.488	0.939	1.299	0.967	0.894
MA	2001	1.810	1.488	0.886	1.509	0.984	0.924
MD	2001	1.834	1.488	0.947	1.406	0.988	0.936
ME	2001	1.935	1.488	0.844	1.480	1.003	1.037
MI	2001	1.603	1.488	1.011	1.176	0.983	0.921
MN	2001	1.820	1.488	1.190	1.127	0.985	0.926
MO	2001	1.594	1.488	1.082	1.061	0.990	0.943
MS	2001	1.789	1.488	1.085	1.276	0.969	0.896
MT	2001	1.172	1.488	0.946	1.093	0.884	0.862
NC	2001	2.515	1.488	1.410	1.225	0.997	0.981
ND	2001	1.276	1.488	0.863	1.161	0.963	0.889
NE	2001	2.045	1.488	1.212	1.110	1.002	1.020
NH	2001	1.465	1.488	0.681	1.549	0.990	0.943
NJ	2001	1.806	1.488	1.008	1.276	0.992	0.951
NM	2001	1.597	1.488	0.891	1.110	1.006	1.079
NV	2001	1.682	1.488	0.835	1.483	0.985	0.927
NY	2001	1.838	1.488	1.145	1.184	0.985	0.926
OH	2001	1.758	1.488	1.125	1.107	0.993	0.955
OK	2001	1.207	1.488	0.990	1.040	0.911	0.865
OR	2001	1.542	1.488	1.023	1.102	0.987	0.931
PA	2001	1.593	1.488	1.074	1.097	0.984	0.923
RI	2001	1.714	1.488	0.682	1.930	0.972	0.900
SC	2001	1.993	1.488	1.044	1.319	0.997	0.975
SD	2001	1.654	1.488	1.033	1.112	0.996	0.971
TN	2001	1.311	1.488	0.958	1.139	0.930	0.869
TX	2001	1.436	1.488	1.183	0.912	0.979	0.913
UT	2001	1.496	1.488	0.848	1.247	0.993	0.957
VA	2001	1.680	1.488	0.999	1.206	0.990	0.945
VT	2001	1.363	1.488	0.766	1.453	0.942	0.874
WA	2001	2.101	1.488	1.256	1.144	0.998	0.984
WI	2001	1.702	1.488	1.123	1.142	0.979	0.912
WV	2001	1.024	1.488	0.595	1.284	0.981	0.917
WY	2001	1.051	1.488	0.717	1.175	0.952	0.881

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	2002	1.483	1.501	0.988	1.244	0.926	0.868
AR	2002	2.391	1.501	1.248	1.215	1.004	1.046
AZ	2002	2.120	1.501	1.286	1.212	0.983	0.922
CA	2002	2.648	1.501	1.988	0.943	0.992	0.949
CO	2002	1.802	1.501	1.022	1.244	0.992	0.951
CT	2002	1.912	1.501	0.877	1.480	0.998	0.984
DE	2002	2.380	1.501	0.876	1.838	0.998	0.987
FL	2002	2.345	1.501	1.597	1.096	0.979	0.912
GA	2002	2.480	1.501	1.318	1.252	1.000	1.001
IA	2002	2.383	1.501	1.374	1.123	1.003	1.026
ID	2002	2.125	1.501	1.183	1.217	0.998	0.985
IL	2002	1.762	1.501	1.228	1.157	0.944	0.875
IN	2002	1.942	1.501	1.145	1.177	0.995	0.965
KS	2002	1.632	1.501	1.171	1.101	0.956	0.882
KY	2002	1.457	1.501	1.127	1.174	0.853	0.860
LA	2002	1.546	1.501	0.937	1.291	0.961	0.886
MA	2002	1.720	1.501	0.883	1.527	0.960	0.886
MD	2002	1.799	1.501	0.925	1.381	0.991	0.947
ME	2002	1.740	1.501	0.835	1.496	0.989	0.938
MI	2002	1.745	1.501	1.009	1.186	0.996	0.974
MN	2002	2.025	1.501	1.201	1.135	0.999	0.991
MO	2002	1.539	1.501	1.080	1.061	0.980	0.913
MS	2002	1.905	1.501	1.083	1.289	0.984	0.924
MT	2002	1.145	1.501	0.942	1.103	0.853	0.860
NC	2002	2.341	1.501	1.396	1.239	0.982	0.918
ND	2002	1.207	1.501	0.860	1.151	0.933	0.871
NE	2002	1.885	1.501	1.199	1.115	0.991	0.948
NH	2002	1.473	1.501	0.669	1.567	0.991	0.944
NJ	2002	1.688	1.501	1.004	1.297	0.967	0.893
NM	2002	1.530	1.501	0.891	1.119	1.002	1.020
NV	2002	1.611	1.501	0.817	1.521	0.967	0.893
NY	2002	1.756	1.501	1.136	1.192	0.967	0.893
OH	2002	1.718	1.501	1.106	1.120	0.988	0.935
OK	2002	1.378	1.501	1.002	1.051	0.971	0.898
OR	2002	1.555	1.501	1.018	1.098	0.988	0.937
PA	2002	1.593	1.501	1.061	1.101	0.984	0.924
RI	2002	1.715	1.501	0.672	1.963	0.968	0.895
SC	2002	1.817	1.501	1.028	1.309	0.981	0.917
SD	2002	1.445	1.501	1.022	1.108	0.960	0.886
TN	2002	1.210	1.501	0.947	1.157	0.856	0.860
TX	2002	1.549	1.501	1.191	0.907	0.994	0.961
UT	2002	1.502	1.501	0.839	1.337	0.979	0.911
VA	2002	1.548	1.501	0.999	1.205	0.963	0.889
VT	2002	1.405	1.501	0.745	1.468	0.963	0.888
WA	2002	2.127	1.501	1.253	1.156	0.997	0.980
WI	2002	1.852	1.501	1.102	1.143	0.998	0.982
WV	2002	0.968	1.501	0.601	1.270	0.957	0.883
WY	2002	0.925	1.501	0.714	1.178	0.852	0.860

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	2003	1.930	1.514	1.008	1.314	0.995	0.967
AR	2003	2.565	1.514	1.254	1.227	1.007	1.093
AZ	2003	2.333	1.514	1.285	1.245	0.995	0.968
CA	2003	2.799	1.514	1.999	0.954	0.996	0.974
CO	2003	1.763	1.514	1.026	1.230	0.987	0.933
CT	2003	1.865	1.514	0.908	1.498	0.983	0.922
DE	2003	2.651	1.514	0.903	1.872	1.003	1.033
FL	2003	2.166	1.514	1.606	1.107	0.927	0.868
GA	2003	2.582	1.514	1.348	1.247	1.001	1.013
IA	2003	2.198	1.514	1.367	1.146	0.989	0.938
ID	2003	2.177	1.514	1.191	1.220	0.999	0.991
IL	2003	1.773	1.514	1.254	1.149	0.933	0.870
IN	2003	2.038	1.514	1.143	1.186	0.999	0.994
KS	2003	1.750	1.514	1.169	1.106	0.979	0.913
KY	2003	1.531	1.514	1.150	1.177	0.868	0.860
LA	2003	1.580	1.514	0.936	1.295	0.966	0.892
MA	2003	1.812	1.514	0.900	1.534	0.969	0.895
MD	2003	2.095	1.514	0.955	1.411	1.002	1.023
ME	2003	1.818	1.514	0.863	1.507	0.988	0.935
MI	2003	1.759	1.514	1.034	1.182	0.993	0.957
MN	2003	1.995	1.514	1.203	1.139	0.995	0.966
MO	2003	1.503	1.514	1.085	1.059	0.967	0.893
MS	2003	2.156	1.514	1.076	1.316	1.001	1.005
MT	2003	1.251	1.514	0.935	1.111	0.918	0.866
NC	2003	2.293	1.514	1.407	1.268	0.959	0.885
ND	2003	1.356	1.514	0.864	1.144	0.983	0.922
NE	2003	2.039	1.514	1.228	1.129	0.997	0.974
NH	2003	1.550	1.514	0.690	1.580	0.991	0.948
NJ	2003	1.747	1.514	1.002	1.321	0.971	0.898
NM	2003	1.466	1.514	0.931	1.113	0.990	0.944
NV	2003	1.692	1.514	0.840	1.585	0.953	0.880
NY	2003	1.848	1.514	1.132	1.185	0.984	0.924
OH	2003	1.819	1.514	1.164	1.137	0.984	0.923
OK	2003	1.329	1.514	0.994	1.064	0.947	0.877
OR	2003	1.696	1.514	1.017	1.111	0.999	0.992
PA	2003	1.756	1.514	1.110	1.107	0.992	0.952
RI	2003	1.749	1.514	0.697	1.979	0.951	0.880
SC	2003	1.978	1.514	1.058	1.329	0.989	0.940
SD	2003	1.651	1.514	1.027	1.123	0.992	0.953
TN	2003	1.299	1.514	0.963	1.152	0.896	0.863
TX	2003	1.479	1.514	1.188	0.929	0.976	0.907
UT	2003	1.474	1.514	0.842	1.311	0.975	0.905
VA	2003	1.634	1.514	1.015	1.216	0.972	0.900
VT	2003	1.510	1.514	0.768	1.475	0.974	0.904
WA	2003	2.198	1.514	1.251	1.146	1.001	1.011
WI	2003	1.909	1.514	1.144	1.144	0.995	0.967
WV	2003	0.984	1.514	0.604	1.273	0.958	0.884
WY	2003	1.062	1.514	0.714	1.205	0.936	0.872

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Table A1 (continued).

State	Year	TFPI	OTI	OEI	OSMEI	OTEI	SNI
AL	2004	1.776	1.527	0.995	1.323	0.975	0.906
AR	2004	2.490	1.527	1.258	1.223	1.005	1.054
AZ	2004	2.460	1.527	1.303	1.246	0.999	0.993
CA	2004	2.873	1.527	1.990	0.962	0.998	0.984
CO	2004	1.844	1.527	1.046	1.243	0.989	0.939
CT	2004	2.134	1.527	0.937	1.504	0.999	0.992
DE	2004	2.636	1.527	0.917	1.876	1.000	1.003
FL	2004	2.213	1.527	1.591	1.107	0.941	0.874
GA	2004	2.433	1.527	1.324	1.259	0.994	0.961
IA	2004	2.606	1.527	1.384	1.160	1.005	1.057
ID	2004	2.449	1.527	1.226	1.218	1.006	1.068
IL	2004	1.950	1.527	1.292	1.145	0.967	0.893
IN	2004	2.246	1.527	1.207	1.187	1.002	1.024
KS	2004	1.835	1.527	1.192	1.101	0.986	0.928
KY	2004	1.518	1.527	1.166	1.182	0.839	0.860
LA	2004	1.630	1.527	0.943	1.316	0.965	0.891
MA	2004	1.884	1.527	0.947	1.551	0.953	0.881
MD	2004	2.171	1.527	0.970	1.403	1.004	1.040
ME	2004	1.959	1.527	0.897	1.514	0.992	0.952
MI	2004	1.785	1.527	1.083	1.164	0.989	0.938
MN	2004	2.084	1.527	1.243	1.156	0.993	0.957
MO	2004	1.733	1.527	1.091	1.057	0.998	0.986
MS	2004	1.991	1.527	1.112	1.323	0.976	0.907
MT	2004	1.447	1.527	0.957	1.087	0.984	0.925
NC	2004	2.450	1.527	1.430	1.283	0.972	0.900
ND	2004	1.228	1.527	0.867	1.132	0.939	0.873
NE	2004	2.157	1.527	1.288	1.130	0.996	0.974
NH	2004	1.697	1.527	0.708	1.595	0.998	0.986
NJ	2004	1.854	1.527	1.016	1.320	0.983	0.921
NM	2004	1.520	1.527	0.962	1.116	0.989	0.937
NV	2004	1.719	1.527	0.835	1.494	0.982	0.919
NY	2004	1.937	1.527	1.165	1.205	0.982	0.920
OH	2004	1.893	1.527	1.189	1.162	0.980	0.915
OK	2004	1.309	1.527	1.012	1.067	0.917	0.866
OR	2004	1.954	1.527	1.025	1.115	1.008	1.111
PA	2004	1.800	1.527	1.145	1.117	0.987	0.934
RI	2004	1.849	1.527	0.728	1.989	0.951	0.880
SC	2004	1.901	1.527	1.043	1.316	0.983	0.922
SD	2004	1.752	1.527	1.047	1.139	0.995	0.967
TN	2004	1.222	1.527	0.971	1.166	0.821	0.860
TX	2004	1.542	1.527	1.201	0.933	0.981	0.917
UT	2004	1.554	1.527	0.855	1.295	0.987	0.931
VA	2004	1.608	1.527	1.088	1.233	0.908	0.864
VT	2004	1.555	1.527	0.774	1.486	0.976	0.906
WA	2004	2.068	1.527	1.253	1.141	0.993	0.954
WI	2004	1.795	1.527	1.154	1.156	0.975	0.904
WV	2004	1.003	1.527	0.637	1.286	0.924	0.868
WY	2004	1.027	1.527	0.729	1.202	0.890	0.862

Table A2: The Components of OSME Change (AL in 1961 = 1).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1961	1	1	1	1	1	1
AR	1961	0.962	1	0.874	1.000	1.024	1.075
AZ	1961	1.070	1	0.950	1.000	1.034	1.089
CA	1961	0.857	1	0.686	1.000	1.084	1.153
CO	1961	1.047	1	0.906	1.000	1.035	1.117
CT	1961	1.237	1	1.109	1.000	1.050	1.063
DE	1961	1.460	1	1.360	1.000	1.056	1.016
FL	1961	0.998	1	0.874	1.000	1.065	1.072
GA	1961	0.980	1	0.971	1.000	1.024	0.985
IA	1961	0.944	1	0.773	1.000	1.088	1.122
ID	1961	1.026	1	0.937	1.000	1.051	1.043
IL	1961	0.945	1	0.839	1.000	1.079	1.044
IN	1961	0.964	1	0.877	1.000	1.065	1.032
KS	1961	0.942	1	0.867	1.000	1.039	1.046
KY	1961	0.929	1	0.878	1.000	1.032	1.024
LA	1961	1.000	1	0.993	1.000	1.050	0.959
MA	1961	1.170	1	1.066	1.000	1.035	1.060
MD	1961	1.136	1	1.047	1.000	1.045	1.038
ME	1961	1.241	1	1.150	1.000	1.022	1.057
MI	1961	0.938	1	0.860	1.000	1.045	1.044
MN	1961	0.937	1	0.820	1.000	1.037	1.102
MO	1961	0.908	1	0.848	1.000	1.044	1.026
MS	1961	0.925	1	0.954	1.000	1.015	0.956
MT	1961	1.002	1	0.846	1.000	1.017	1.166
NC	1961	0.893	1	0.872	1.000	1.052	0.974
ND	1961	1.001	1	0.833	1.000	1.017	1.182
NE	1961	0.947	1	0.835	1.000	1.047	1.082
NH	1961	1.302	1	1.234	1.000	1.003	1.052
NJ	1961	1.150	1	0.962	1.000	1.045	1.144
NM	1961	1.006	1	0.904	1.000	0.991	1.123
NV	1961	1.322	1	1.202	1.000	1.047	1.051
NY	1961	0.990	1	0.886	1.000	1.022	1.093
OH	1961	0.939	1	0.838	1.000	1.068	1.049
OK	1961	0.928	1	0.862	1.000	1.031	1.044
OR	1961	0.994	1	0.826	1.000	1.040	1.157
PA	1961	0.956	1	0.852	1.000	1.028	1.091
RI	1961	1.546	1	1.426	1.000	1.053	1.029
SC	1961	0.967	1	1.015	1.000	1.023	0.931
SD	1961	1.000	1	0.878	1.000	1.012	1.126
TN	1961	0.941	1	0.894	1.000	1.033	1.020
TX	1961	0.800	1	0.749	1.000	1.028	1.040
UT	1961	1.083	1	0.948	1.000	1.008	1.132
VA	1961	0.951	1	0.889	1.000	1.025	1.044
VT	1961	1.189	1	1.151	1.000	0.999	1.034
WA	1961	1.004	1	0.828	1.000	1.065	1.139
WI	1961	0.927	1	0.840	1.000	1.010	1.092
WV	1961	1.065	1	1.005	1.000	0.999	1.061
WY	1961	1.073	1	0.929	1.000	0.996	1.160

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1962	1.014	1.001	1.001	1.000	1.010	1.001
AR	1962	0.969	1.001	0.875	1.000	1.036	1.068
AZ	1962	1.094	1.001	0.951	1.000	1.035	1.110
CA	1962	0.867	1.001	0.685	1.000	1.092	1.156
CO	1962	1.054	1.001	0.905	1.000	1.043	1.114
CT	1962	1.231	1.001	1.109	1.000	1.056	1.050
DE	1962	1.461	1.001	1.360	1.000	1.069	1.004
FL	1962	0.997	1.001	0.874	1.000	1.073	1.062
GA	1962	0.992	1.001	0.972	1.000	1.033	0.987
IA	1962	0.948	1.001	0.772	1.000	1.094	1.121
ID	1962	1.029	1.001	0.937	1.000	1.061	1.034
IL	1962	0.947	1.001	0.839	1.000	1.088	1.036
IN	1962	0.968	1.001	0.877	1.000	1.076	1.025
KS	1962	0.943	1.001	0.868	1.000	1.047	1.037
KY	1962	0.936	1.001	0.879	1.000	1.042	1.021
LA	1962	1.011	1.001	0.994	1.000	1.063	0.955
MA	1962	1.179	1.001	1.066	1.000	1.047	1.055
MD	1962	1.133	1.001	1.048	1.000	1.054	1.025
ME	1962	1.250	1.001	1.150	1.000	1.029	1.055
MI	1962	0.945	1.001	0.860	1.000	1.055	1.040
MN	1962	0.936	1.001	0.819	1.000	1.042	1.095
MO	1962	0.910	1.001	0.849	1.000	1.053	1.016
MS	1962	0.932	1.001	0.954	1.000	1.031	0.946
MT	1962	1.000	1.001	0.843	1.000	1.030	1.150
NC	1962	0.901	1.001	0.871	1.000	1.064	0.971
ND	1962	1.005	1.001	0.832	1.000	1.026	1.175
NE	1962	0.951	1.001	0.836	1.000	1.057	1.075
NH	1962	1.320	1.001	1.234	1.000	1.014	1.054
NJ	1962	1.155	1.001	0.963	1.000	1.055	1.135
NM	1962	1.016	1.001	0.904	1.000	1.000	1.123
NV	1962	1.322	1.001	1.202	1.000	1.054	1.042
NY	1962	0.995	1.001	0.884	1.000	1.027	1.094
OH	1962	0.942	1.001	0.838	1.000	1.075	1.044
OK	1962	0.937	1.001	0.863	1.000	1.043	1.041
OR	1962	0.994	1.001	0.824	1.000	1.051	1.146
PA	1962	0.964	1.001	0.853	1.000	1.035	1.091
RI	1962	1.575	1.001	1.426	1.000	1.058	1.042
SC	1962	0.972	1.001	1.015	1.000	1.031	0.927
SD	1962	1.003	1.001	0.876	1.000	1.021	1.120
TN	1962	0.954	1.001	0.895	1.000	1.046	1.017
TX	1962	0.806	1.001	0.749	1.000	1.039	1.034
UT	1962	1.085	1.001	0.947	1.000	1.019	1.123
VA	1962	0.964	1.001	0.889	1.000	1.036	1.045
VT	1962	1.208	1.001	1.151	1.000	1.014	1.034
WA	1962	1.010	1.001	0.826	1.000	1.074	1.138
WI	1962	0.930	1.001	0.841	1.000	1.017	1.085
WV	1962	1.077	1.001	1.004	1.000	1.011	1.058
WY	1962	1.087	1.001	0.927	1.000	1.005	1.165

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1963	1.018	1.003	1.002	1.000	1.011	1.002
AR	1963	0.978	1.003	0.875	1.000	1.038	1.074
AZ	1963	1.095	1.003	0.952	1.000	1.029	1.115
CA	1963	0.873	1.003	0.686	1.000	1.089	1.165
CO	1963	1.068	1.003	0.906	1.000	1.044	1.126
CT	1963	1.246	1.003	1.111	1.000	1.057	1.058
DE	1963	1.482	1.003	1.362	1.000	1.068	1.016
FL	1963	1.003	1.003	0.874	1.000	1.074	1.064
GA	1963	0.983	1.003	0.973	1.000	1.034	0.975
IA	1963	0.956	1.003	0.772	1.000	1.097	1.126
ID	1963	1.035	1.003	0.938	1.000	1.060	1.038
IL	1963	0.954	1.003	0.840	1.000	1.090	1.039
IN	1963	0.977	1.003	0.878	1.000	1.077	1.031
KS	1963	0.953	1.003	0.868	1.000	1.049	1.045
KY	1963	0.939	1.003	0.880	1.000	1.049	1.013
LA	1963	1.023	1.003	0.994	1.000	1.067	0.961
MA	1963	1.197	1.003	1.071	1.000	1.043	1.068
MD	1963	1.135	1.003	1.049	1.000	1.051	1.026
ME	1963	1.236	1.003	1.153	1.000	1.021	1.047
MI	1963	0.948	1.003	0.861	1.000	1.055	1.041
MN	1963	0.939	1.003	0.819	1.000	1.042	1.097
MO	1963	0.919	1.003	0.850	1.000	1.056	1.022
MS	1963	0.947	1.003	0.955	1.000	1.033	0.957
MT	1963	1.017	1.003	0.843	1.000	1.036	1.161
NC	1963	0.904	1.003	0.872	1.000	1.067	0.968
ND	1963	1.023	1.003	0.833	1.000	1.039	1.179
NE	1963	0.970	1.003	0.837	1.000	1.062	1.088
NH	1963	1.319	1.003	1.236	1.000	1.006	1.058
NJ	1963	1.156	1.003	0.963	1.000	1.049	1.140
NM	1963	1.033	1.003	0.906	1.000	1.002	1.135
NV	1963	1.317	1.003	1.204	1.000	1.046	1.042
NY	1963	1.001	1.003	0.885	1.000	1.021	1.105
OH	1963	0.950	1.003	0.840	1.000	1.073	1.051
OK	1963	0.946	1.003	0.863	1.000	1.049	1.042
OR	1963	1.004	1.003	0.825	1.000	1.053	1.153
PA	1963	0.968	1.003	0.854	1.000	1.030	1.097
RI	1963	1.636	1.003	1.431	1.000	1.054	1.082
SC	1963	0.986	1.003	1.016	1.000	1.031	0.939
SD	1963	1.016	1.003	0.877	1.000	1.024	1.129
TN	1963	0.957	1.003	0.896	1.000	1.053	1.011
TX	1963	0.816	1.003	0.749	1.000	1.043	1.042
UT	1963	1.102	1.003	0.947	1.000	1.020	1.137
VA	1963	0.971	1.003	0.891	1.000	1.038	1.048
VT	1963	1.218	1.003	1.154	1.000	1.007	1.046
WA	1963	1.015	1.003	0.826	1.000	1.074	1.140
WI	1963	0.934	1.003	0.843	1.000	1.015	1.088
WV	1963	1.095	1.003	1.005	1.000	1.011	1.075
WY	1963	1.086	1.003	0.927	1.000	1.008	1.158

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1964	1.028	1.004	1.002	1.000	1.025	0.996
AR	1964	1.000	1.004	0.875	1.000	1.054	1.080
AZ	1964	1.089	1.004	0.952	1.000	1.041	1.094
CA	1964	0.879	1.004	0.685	1.000	1.105	1.156
CO	1964	1.080	1.004	0.905	1.000	1.062	1.119
CT	1964	1.257	1.004	1.113	1.000	1.074	1.047
DE	1964	1.521	1.004	1.364	1.000	1.091	1.018
FL	1964	1.001	1.004	0.874	1.000	1.093	1.043
GA	1964	1.005	1.004	0.973	1.000	1.050	0.979
IA	1964	0.968	1.004	0.771	1.000	1.115	1.121
ID	1964	1.037	1.004	0.939	1.000	1.072	1.026
IL	1964	0.967	1.004	0.842	1.000	1.109	1.032
IN	1964	0.991	1.004	0.878	1.000	1.093	1.028
KS	1964	0.950	1.004	0.867	1.000	1.064	1.025
KY	1964	0.944	1.004	0.882	1.000	1.066	1.000
LA	1964	1.031	1.004	0.995	1.000	1.086	0.950
MA	1964	1.208	1.004	1.069	1.000	1.059	1.063
MD	1964	1.149	1.004	1.051	1.000	1.071	1.017
ME	1964	1.247	1.004	1.154	1.000	1.036	1.039
MI	1964	0.961	1.004	0.862	1.000	1.072	1.036
MN	1964	0.945	1.004	0.819	1.000	1.055	1.089
MO	1964	0.928	1.004	0.850	1.000	1.073	1.012
MS	1964	0.958	1.004	0.955	1.000	1.054	0.948
MT	1964	1.023	1.004	0.843	1.000	1.050	1.151
NC	1964	0.920	1.004	0.871	1.000	1.088	0.968
ND	1964	1.033	1.004	0.832	1.000	1.051	1.176
NE	1964	0.975	1.004	0.837	1.000	1.081	1.074
NH	1964	1.326	1.004	1.238	1.000	1.020	1.046
NJ	1964	1.160	1.004	0.963	1.000	1.066	1.124
NM	1964	1.031	1.004	0.907	1.000	1.016	1.114
NV	1964	1.320	1.004	1.206	1.000	1.056	1.031
NY	1964	1.019	1.004	0.884	1.000	1.037	1.107
OH	1964	0.957	1.004	0.842	1.000	1.086	1.043
OK	1964	0.963	1.004	0.863	1.000	1.070	1.038
OR	1964	1.004	1.004	0.825	1.000	1.070	1.133
PA	1964	0.978	1.004	0.856	1.000	1.046	1.088
RI	1964	1.675	1.004	1.432	1.000	1.066	1.093
SC	1964	1.001	1.004	1.017	1.000	1.041	0.941
SD	1964	1.023	1.004	0.876	1.000	1.036	1.123
TN	1964	0.965	1.004	0.897	1.000	1.075	0.996
TX	1964	0.825	1.004	0.749	1.000	1.061	1.033
UT	1964	1.107	1.004	0.947	1.000	1.033	1.127
VA	1964	0.972	1.004	0.891	1.000	1.056	1.029
VT	1964	1.226	1.004	1.156	1.000	1.026	1.029
WA	1964	1.019	1.004	0.826	1.000	1.092	1.125
WI	1964	0.943	1.004	0.845	1.000	1.037	1.071
WV	1964	1.109	1.004	1.006	1.000	1.028	1.068
WY	1964	1.087	1.004	0.927	1.000	1.021	1.143

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1965	1.038	1.006	1.003	1.000	1.029	0.999
AR	1965	1.012	1.006	0.876	1.000	1.062	1.083
AZ	1965	1.099	1.006	0.953	1.000	1.043	1.099
CA	1965	0.880	1.006	0.686	1.000	1.106	1.153
CO	1965	1.093	1.006	0.906	1.000	1.065	1.126
CT	1965	1.254	1.006	1.112	1.000	1.070	1.048
DE	1965	1.512	1.006	1.365	1.000	1.098	1.003
FL	1965	0.997	1.006	0.875	1.000	1.096	1.034
GA	1965	1.017	1.006	0.974	1.000	1.059	0.980
IA	1965	0.969	1.006	0.772	1.000	1.116	1.118
ID	1965	1.039	1.006	0.940	1.000	1.075	1.022
IL	1965	0.971	1.006	0.843	1.000	1.113	1.029
IN	1965	0.995	1.006	0.878	1.000	1.096	1.028
KS	1965	0.953	1.006	0.868	1.000	1.069	1.022
KY	1965	0.948	1.006	0.883	1.000	1.074	0.994
LA	1965	1.043	1.006	0.995	1.000	1.095	0.952
MA	1965	1.204	1.006	1.069	1.000	1.062	1.055
MD	1965	1.152	1.006	1.051	1.000	1.077	1.012
ME	1965	1.258	1.006	1.153	1.000	1.036	1.047
MI	1965	0.967	1.006	0.861	1.000	1.076	1.038
MN	1965	0.943	1.006	0.818	1.000	1.055	1.088
MO	1965	0.932	1.006	0.851	1.000	1.078	1.010
MS	1965	0.968	1.006	0.957	1.000	1.060	0.949
MT	1965	1.017	1.006	0.842	1.000	1.052	1.142
NC	1965	0.933	1.006	0.872	1.000	1.096	0.971
ND	1965	1.029	1.006	0.833	1.000	1.055	1.164
NE	1965	0.978	1.006	0.836	1.000	1.085	1.072
NH	1965	1.317	1.006	1.238	1.000	1.020	1.038
NJ	1965	1.158	1.006	0.964	1.000	1.072	1.114
NM	1965	1.057	1.006	0.906	1.000	1.023	1.134
NV	1965	1.332	1.006	1.207	1.000	1.058	1.037
NY	1965	1.017	1.006	0.883	1.000	1.036	1.107
OH	1965	0.962	1.006	0.841	1.000	1.088	1.045
OK	1965	0.970	1.006	0.863	1.000	1.078	1.037
OR	1965	1.014	1.006	0.825	1.000	1.070	1.142
PA	1965	0.988	1.006	0.856	1.000	1.049	1.094
RI	1965	1.656	1.006	1.431	1.000	1.062	1.084
SC	1965	1.015	1.006	1.018	1.000	1.048	0.946
SD	1965	1.027	1.006	0.875	1.000	1.037	1.125
TN	1965	0.976	1.006	0.898	1.000	1.084	0.996
TX	1965	0.838	1.006	0.749	1.000	1.068	1.042
UT	1965	1.113	1.006	0.948	1.000	1.035	1.129
VA	1965	0.986	1.006	0.890	1.000	1.065	1.034
VT	1965	1.224	1.006	1.157	1.000	1.028	1.024
WA	1965	1.036	1.006	0.826	1.000	1.096	1.137
WI	1965	0.939	1.006	0.846	1.000	1.027	1.075
WV	1965	1.111	1.006	1.003	1.000	1.038	1.061
WY	1965	1.096	1.006	0.928	1.000	1.023	1.147

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1966	1.055	1.007	1.004	1.000	1.043	1.000
AR	1966	1.049	1.007	0.876	1.000	1.077	1.104
AZ	1966	1.109	1.007	0.954	1.000	1.055	1.094
CA	1966	0.880	1.007	0.686	1.000	1.115	1.143
CO	1966	1.091	1.007	0.907	1.000	1.067	1.119
CT	1966	1.284	1.007	1.117	1.000	1.091	1.046
DE	1966	1.548	1.007	1.368	1.000	1.121	1.002
FL	1966	1.005	1.007	0.875	1.000	1.105	1.033
GA	1966	1.052	1.007	0.974	1.000	1.071	1.001
IA	1966	0.980	1.007	0.772	1.000	1.131	1.114
ID	1966	1.049	1.007	0.942	1.000	1.086	1.018
IL	1966	0.993	1.007	0.845	1.000	1.129	1.033
IN	1966	1.015	1.007	0.881	1.000	1.113	1.029
KS	1966	0.965	1.007	0.868	1.000	1.080	1.022
KY	1966	0.968	1.007	0.884	1.000	1.096	0.992
LA	1966	1.061	1.007	0.996	1.000	1.110	0.953
MA	1966	1.233	1.007	1.073	1.000	1.076	1.060
MD	1966	1.186	1.007	1.054	1.000	1.092	1.023
ME	1966	1.270	1.007	1.158	1.000	1.052	1.035
MI	1966	0.976	1.007	0.865	1.000	1.095	1.023
MN	1966	0.961	1.007	0.820	1.000	1.070	1.087
MO	1966	0.951	1.007	0.852	1.000	1.089	1.019
MS	1966	0.986	1.007	0.958	1.000	1.073	0.952
MT	1966	1.021	1.007	0.842	1.000	1.061	1.135
NC	1966	0.951	1.007	0.873	1.000	1.109	0.975
ND	1966	1.038	1.007	0.833	1.000	1.071	1.156
NE	1966	0.998	1.007	0.840	1.000	1.098	1.074
NH	1966	1.346	1.007	1.243	1.000	1.032	1.042
NJ	1966	1.197	1.007	0.964	1.000	1.083	1.139
NM	1966	1.083	1.007	0.912	1.000	1.035	1.140
NV	1966	1.362	1.007	1.209	1.000	1.064	1.052
NY	1966	1.038	1.007	0.884	1.000	1.055	1.104
OH	1966	0.975	1.007	0.844	1.000	1.104	1.039
OK	1966	0.974	1.007	0.863	1.000	1.095	1.024
OR	1966	1.042	1.007	0.824	1.000	1.092	1.150
PA	1966	0.999	1.007	0.860	1.000	1.060	1.089
RI	1966	1.682	1.007	1.436	1.000	1.076	1.082
SC	1966	1.055	1.007	1.018	1.000	1.066	0.966
SD	1966	1.032	1.007	0.877	1.000	1.050	1.113
TN	1966	0.982	1.007	0.899	1.000	1.100	0.985
TX	1966	0.856	1.007	0.749	1.000	1.077	1.054
UT	1966	1.141	1.007	0.948	1.000	1.048	1.141
VA	1966	1.008	1.007	0.894	1.000	1.080	1.037
VT	1966	1.243	1.007	1.159	1.000	1.049	1.015
WA	1966	1.045	1.007	0.825	1.000	1.113	1.130
WI	1966	0.956	1.007	0.848	1.000	1.044	1.072
WV	1966	1.140	1.007	1.008	1.000	1.051	1.069
WY	1966	1.105	1.007	0.929	1.000	1.032	1.145

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1967	1.061	1.008	1.005	1.000	1.062	0.987
AR	1967	1.044	1.008	0.876	1.000	1.089	1.086
AZ	1967	1.114	1.008	0.954	1.000	1.061	1.091
CA	1967	0.905	1.008	0.685	1.000	1.119	1.170
CO	1967	1.092	1.008	0.907	1.000	1.073	1.113
CT	1967	1.344	1.008	1.116	1.000	1.109	1.078
DE	1967	1.608	1.008	1.368	1.000	1.135	1.028
FL	1967	1.001	1.008	0.875	1.000	1.107	1.024
GA	1967	1.059	1.008	0.975	1.000	1.088	0.991
IA	1967	0.994	1.008	0.772	1.000	1.143	1.118
ID	1967	1.074	1.008	0.942	1.000	1.098	1.030
IL	1967	0.998	1.008	0.845	1.000	1.143	1.024
IN	1967	1.041	1.008	0.882	1.000	1.129	1.037
KS	1967	0.978	1.008	0.869	1.000	1.089	1.024
KY	1967	0.968	1.008	0.884	1.000	1.107	0.981
LA	1967	1.086	1.008	0.996	1.000	1.121	0.964
MA	1967	1.285	1.008	1.072	1.000	1.095	1.085
MD	1967	1.208	1.008	1.053	1.000	1.107	1.027
ME	1967	1.331	1.008	1.157	1.000	1.076	1.060
MI	1967	0.993	1.008	0.864	1.000	1.107	1.029
MN	1967	0.972	1.008	0.820	1.000	1.082	1.086
MO	1967	0.962	1.008	0.852	1.000	1.098	1.019
MS	1967	1.017	1.008	0.959	1.000	1.100	0.956
MT	1967	1.031	1.008	0.842	1.000	1.070	1.135
NC	1967	0.965	1.008	0.874	1.000	1.117	0.981
ND	1967	1.051	1.008	0.832	1.000	1.081	1.158
NE	1967	1.009	1.008	0.839	1.000	1.106	1.077
NH	1967	1.405	1.008	1.242	1.000	1.054	1.065
NJ	1967	1.230	1.008	0.964	1.000	1.103	1.148
NM	1967	1.105	1.008	0.910	1.000	1.039	1.159
NV	1967	1.326	1.008	1.210	1.000	1.063	1.022
NY	1967	1.057	1.008	0.884	1.000	1.074	1.104
OH	1967	0.985	1.008	0.844	1.000	1.120	1.034
OK	1967	0.962	1.008	0.864	1.000	1.100	1.004
OR	1967	1.062	1.008	0.825	1.000	1.104	1.157
PA	1967	1.007	1.008	0.859	1.000	1.083	1.075
RI	1967	1.700	1.008	1.435	1.000	1.087	1.081
SC	1967	1.068	1.008	1.020	1.000	1.077	0.965
SD	1967	1.043	1.008	0.877	1.000	1.060	1.113
TN	1967	1.013	1.008	0.900	1.000	1.112	1.004
TX	1967	0.859	1.008	0.749	1.000	1.083	1.050
UT	1967	1.155	1.008	0.948	1.000	1.061	1.139
VA	1967	1.017	1.008	0.893	1.000	1.092	1.035
VT	1967	1.303	1.008	1.159	1.000	1.082	1.030
WA	1967	1.075	1.008	0.826	1.000	1.128	1.144
WI	1967	0.972	1.008	0.847	1.000	1.061	1.073
WV	1967	1.145	1.008	1.007	1.000	1.063	1.061
WY	1967	1.124	1.008	0.929	1.000	1.044	1.150

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1968	1.064	1.010	1.006	1.000	1.078	0.973
AR	1968	1.046	1.010	0.876	1.000	1.103	1.072
AZ	1968	1.128	1.010	0.955	1.000	1.077	1.086
CA	1968	0.901	1.010	0.685	1.000	1.130	1.153
CO	1968	1.082	1.010	0.907	1.000	1.085	1.088
CT	1968	1.350	1.010	1.118	1.000	1.127	1.062
DE	1968	1.619	1.010	1.370	1.000	1.145	1.022
FL	1968	1.018	1.010	0.875	1.000	1.129	1.020
GA	1968	1.065	1.010	0.975	1.000	1.107	0.978
IA	1968	1.005	1.010	0.771	1.000	1.165	1.108
ID	1968	1.097	1.010	0.944	1.000	1.116	1.032
IL	1968	1.016	1.010	0.846	1.000	1.163	1.022
IN	1968	1.052	1.010	0.884	1.000	1.146	1.029
KS	1968	0.991	1.010	0.870	1.000	1.105	1.021
KY	1968	0.994	1.010	0.885	1.000	1.116	0.996
LA	1968	1.098	1.010	0.997	1.000	1.137	0.960
MA	1968	1.288	1.010	1.073	1.000	1.116	1.067
MD	1968	1.223	1.010	1.055	1.000	1.124	1.021
ME	1968	1.353	1.010	1.159	1.000	1.094	1.057
MI	1968	1.006	1.010	0.865	1.000	1.128	1.021
MN	1968	0.984	1.010	0.822	1.000	1.100	1.078
MO	1968	0.975	1.010	0.853	1.000	1.117	1.014
MS	1968	1.017	1.010	0.961	1.000	1.125	0.933
MT	1968	1.044	1.010	0.843	1.000	1.084	1.132
NC	1968	0.981	1.010	0.875	1.000	1.138	0.976
ND	1968	1.055	1.010	0.832	1.000	1.100	1.142
NE	1968	1.018	1.010	0.840	1.000	1.122	1.070
NH	1968	1.411	1.010	1.244	1.000	1.076	1.044
NJ	1968	1.241	1.010	0.964	1.000	1.118	1.140
NM	1968	1.091	1.010	0.911	1.000	1.053	1.126
NV	1968	1.328	1.010	1.212	1.000	1.085	1.000
NY	1968	1.066	1.010	0.885	1.000	1.094	1.090
OH	1968	0.999	1.010	0.845	1.000	1.139	1.028
OK	1968	0.976	1.010	0.865	1.000	1.117	1.000
OR	1968	1.072	1.010	0.823	1.000	1.117	1.154
PA	1968	1.023	1.010	0.860	1.000	1.098	1.073
RI	1968	1.689	1.010	1.438	1.000	1.102	1.056
SC	1968	1.080	1.010	1.020	1.000	1.099	0.955
SD	1968	1.049	1.010	0.877	1.000	1.077	1.099
TN	1968	1.017	1.010	0.901	1.000	1.128	0.992
TX	1968	0.864	1.010	0.749	1.000	1.097	1.042
UT	1968	1.171	1.010	0.948	1.000	1.080	1.133
VA	1968	1.027	1.010	0.894	1.000	1.108	1.027
VT	1968	1.323	1.010	1.161	1.000	1.100	1.026
WA	1968	1.077	1.010	0.825	1.000	1.143	1.131
WI	1968	0.976	1.010	0.848	1.000	1.076	1.059
WV	1968	1.164	1.010	1.008	1.000	1.079	1.059
WY	1968	1.142	1.010	0.929	1.000	1.061	1.147

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1969	1.074	1.011	1.005	1.000	1.089	0.970
AR	1969	1.042	1.011	0.877	1.000	1.114	1.055
AZ	1969	1.137	1.011	0.955	1.000	1.084	1.086
CA	1969	0.904	1.011	0.686	1.000	1.139	1.145
CO	1969	1.097	1.011	0.908	1.000	1.094	1.092
CT	1969	1.368	1.011	1.116	1.000	1.149	1.055
DE	1969	1.605	1.011	1.369	1.000	1.151	1.008
FL	1969	1.031	1.011	0.875	1.000	1.139	1.023
GA	1969	1.084	1.011	0.975	1.000	1.119	0.982
IA	1969	1.006	1.011	0.772	1.000	1.173	1.099
ID	1969	1.096	1.011	0.943	1.000	1.126	1.021
IL	1969	1.018	1.011	0.845	1.000	1.174	1.015
IN	1969	1.060	1.011	0.882	1.000	1.161	1.024
KS	1969	1.010	1.011	0.870	1.000	1.115	1.031
KY	1969	1.010	1.011	0.884	1.000	1.128	1.002
LA	1969	1.121	1.011	0.997	1.000	1.148	0.969
MA	1969	1.316	1.011	1.072	1.000	1.133	1.073
MD	1969	1.231	1.011	1.054	1.000	1.134	1.018
ME	1969	1.367	1.011	1.157	1.000	1.108	1.054
MI	1969	1.018	1.011	0.864	1.000	1.148	1.016
MN	1969	0.988	1.011	0.821	1.000	1.110	1.072
MO	1969	0.980	1.011	0.853	1.000	1.123	1.012
MS	1969	1.039	1.011	0.960	1.000	1.136	0.942
MT	1969	1.045	1.011	0.843	1.000	1.091	1.123
NC	1969	0.996	1.011	0.874	1.000	1.146	0.983
ND	1969	1.061	1.011	0.832	1.000	1.111	1.134
NE	1969	1.025	1.011	0.839	1.000	1.139	1.061
NH	1969	1.438	1.011	1.242	1.000	1.090	1.051
NJ	1969	1.245	1.011	0.965	1.000	1.128	1.131
NM	1969	1.119	1.011	0.910	1.000	1.059	1.149
NV	1969	1.359	1.011	1.211	1.000	1.090	1.018
NY	1969	1.068	1.011	0.886	1.000	1.110	1.074
OH	1969	1.008	1.011	0.844	1.000	1.150	1.027
OK	1969	0.984	1.011	0.865	1.000	1.129	0.997
OR	1969	1.075	1.011	0.824	1.000	1.132	1.139
PA	1969	1.039	1.011	0.859	1.000	1.124	1.065
RI	1969	1.749	1.011	1.436	1.000	1.110	1.086
SC	1969	1.096	1.011	1.020	1.000	1.113	0.954
SD	1969	1.053	1.011	0.877	1.000	1.087	1.092
TN	1969	1.031	1.011	0.900	1.000	1.132	1.001
TX	1969	0.867	1.011	0.750	1.000	1.102	1.038
UT	1969	1.180	1.011	0.948	1.000	1.091	1.128
VA	1969	1.037	1.011	0.893	1.000	1.117	1.029
VT	1969	1.339	1.011	1.160	1.000	1.116	1.023
WA	1969	1.077	1.011	0.827	1.000	1.158	1.113
WI	1969	0.984	1.011	0.847	1.000	1.097	1.047
WV	1969	1.173	1.011	1.007	1.000	1.092	1.055
WY	1969	1.145	1.011	0.930	1.000	1.069	1.138

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1970	1.101	1.013	1.005	1.000	1.102	0.982
AR	1970	1.065	1.013	0.877	1.000	1.125	1.066
AZ	1970	1.141	1.013	0.955	1.000	1.094	1.079
CA	1970	0.895	1.013	0.686	1.000	1.142	1.128
CO	1970	1.104	1.013	0.908	1.000	1.107	1.085
CT	1970	1.382	1.013	1.117	1.000	1.150	1.064
DE	1970	1.597	1.013	1.371	1.000	1.160	0.992
FL	1970	1.018	1.013	0.875	1.000	1.147	1.002
GA	1970	1.085	1.013	0.975	1.000	1.132	0.971
IA	1970	1.016	1.013	0.772	1.000	1.185	1.097
ID	1970	1.107	1.013	0.944	1.000	1.140	1.017
IL	1970	1.026	1.013	0.846	1.000	1.183	1.012
IN	1970	1.059	1.013	0.883	1.000	1.171	1.011
KS	1970	1.016	1.013	0.870	1.000	1.127	1.024
KY	1970	1.021	1.013	0.884	1.000	1.138	1.002
LA	1970	1.149	1.013	0.997	1.000	1.163	0.979
MA	1970	1.330	1.013	1.072	1.000	1.141	1.074
MD	1970	1.236	1.013	1.056	1.000	1.145	1.010
ME	1970	1.381	1.013	1.158	1.000	1.121	1.051
MI	1970	1.020	1.013	0.865	1.000	1.158	1.005
MN	1970	0.998	1.013	0.823	1.000	1.120	1.070
MO	1970	0.976	1.013	0.853	1.000	1.137	0.994
MS	1970	1.036	1.013	0.960	1.000	1.142	0.933
MT	1970	1.058	1.013	0.843	1.000	1.106	1.122
NC	1970	1.001	1.013	0.875	1.000	1.153	0.980
ND	1970	1.075	1.013	0.832	1.000	1.127	1.131
NE	1970	1.036	1.013	0.840	1.000	1.149	1.060
NH	1970	1.461	1.013	1.244	1.000	1.104	1.051
NJ	1970	1.253	1.013	0.964	1.000	1.139	1.127
NM	1970	1.131	1.013	0.912	1.000	1.071	1.143
NV	1970	1.352	1.013	1.212	1.000	1.094	1.008
NY	1970	1.078	1.013	0.887	1.000	1.125	1.067
OH	1970	1.020	1.013	0.846	1.000	1.160	1.027
OK	1970	0.980	1.013	0.865	1.000	1.137	0.985
OR	1970	1.085	1.013	0.824	1.000	1.144	1.137
PA	1970	1.041	1.013	0.860	1.000	1.132	1.056
RI	1970	1.770	1.013	1.438	1.000	1.115	1.091
SC	1970	1.093	1.013	1.021	1.000	1.123	0.942
SD	1970	1.065	1.013	0.878	1.000	1.100	1.089
TN	1970	1.034	1.013	0.900	1.000	1.148	0.989
TX	1970	0.869	1.013	0.750	1.000	1.115	1.027
UT	1970	1.198	1.013	0.948	1.000	1.104	1.130
VA	1970	1.048	1.013	0.895	1.000	1.131	1.023
VT	1970	1.359	1.013	1.162	1.000	1.132	1.021
WA	1970	1.068	1.013	0.827	1.000	1.167	1.093
WI	1970	0.992	1.013	0.848	1.000	1.110	1.041
WV	1970	1.181	1.013	1.008	1.000	1.107	1.045
WY	1970	1.150	1.013	0.930	1.000	1.080	1.131

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1971	1.114	1.014	1.005	1.000	1.108	0.987
AR	1971	1.067	1.014	0.877	1.000	1.125	1.067
AZ	1971	1.154	1.014	0.954	1.000	1.093	1.091
CA	1971	0.911	1.014	0.686	1.000	1.144	1.145
CO	1971	1.124	1.014	0.908	1.000	1.111	1.099
CT	1971	1.395	1.014	1.116	0.999	1.152	1.071
DE	1971	1.617	1.014	1.371	1.000	1.167	0.997
FL	1971	1.015	1.014	0.875	1.000	1.140	1.003
GA	1971	1.090	1.014	0.975	1.000	1.141	0.967
IA	1971	1.019	1.014	0.772	1.000	1.188	1.096
ID	1971	1.116	1.014	0.943	1.000	1.141	1.023
IL	1971	1.022	1.014	0.845	1.000	1.181	1.010
IN	1971	1.050	1.014	0.882	1.000	1.171	1.003
KS	1971	1.019	1.014	0.869	1.000	1.130	1.024
KY	1971	1.025	1.014	0.884	1.000	1.141	1.003
LA	1971	1.151	1.014	0.997	1.000	1.158	0.984
MA	1971	1.325	1.014	1.071	1.000	1.143	1.068
MD	1971	1.239	1.014	1.056	1.000	1.148	1.009
ME	1971	1.407	1.014	1.157	1.000	1.126	1.066
MI	1971	1.036	1.014	0.864	1.000	1.157	1.022
MN	1971	1.001	1.014	0.822	1.000	1.124	1.069
MO	1971	0.981	1.014	0.853	1.000	1.140	0.996
MS	1971	1.056	1.014	0.959	1.000	1.143	0.950
MT	1971	1.050	1.014	0.842	1.000	1.106	1.112
NC	1971	1.010	1.014	0.874	1.000	1.154	0.988
ND	1971	1.074	1.014	0.832	1.000	1.131	1.126
NE	1971	1.034	1.014	0.839	1.000	1.151	1.056
NH	1971	1.510	1.014	1.244	1.000	1.107	1.082
NJ	1971	1.253	1.014	0.965	1.000	1.138	1.125
NM	1971	1.133	1.014	0.912	1.000	1.067	1.149
NV	1971	1.373	1.014	1.212	1.000	1.097	1.018
NY	1971	1.078	1.014	0.887	1.000	1.130	1.061
OH	1971	1.019	1.014	0.845	1.000	1.163	1.024
OK	1971	0.987	1.014	0.864	1.000	1.135	0.992
OR	1971	1.091	1.014	0.824	1.000	1.142	1.142
PA	1971	1.052	1.014	0.860	1.000	1.136	1.062
RI	1971	1.780	1.014	1.437	1.000	1.126	1.085
SC	1971	1.108	1.014	1.020	1.000	1.129	0.949
SD	1971	1.070	1.014	0.878	1.000	1.102	1.091
TN	1971	1.037	1.014	0.899	1.000	1.147	0.991
TX	1971	0.889	1.014	0.750	1.000	1.119	1.045
UT	1971	1.203	1.014	0.949	1.000	1.104	1.133
VA	1971	1.053	1.014	0.894	1.000	1.132	1.026
VT	1971	1.372	1.014	1.162	1.000	1.136	1.025
WA	1971	1.079	1.014	0.827	1.000	1.166	1.105
WI	1971	0.995	1.014	0.848	1.000	1.112	1.041
WV	1971	1.187	1.014	1.007	1.000	1.108	1.049
WY	1971	1.157	1.014	0.930	1.000	1.083	1.134

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1972	1.117	1.015	1.005	1.000	1.110	0.987
AR	1972	1.069	1.015	0.877	1.000	1.125	1.067
AZ	1972	1.162	1.015	0.954	1.000	1.091	1.100
CA	1972	0.902	1.015	0.687	1.000	1.140	1.135
CO	1972	1.137	1.015	0.908	1.000	1.110	1.111
CT	1972	1.363	1.015	1.116	0.999	1.159	1.038
DE	1972	1.616	1.015	1.372	1.000	1.172	0.990
FL	1972	1.024	1.015	0.875	1.000	1.150	1.003
GA	1972	1.093	1.015	0.975	1.000	1.144	0.965
IA	1972	1.020	1.015	0.773	1.000	1.186	1.096
ID	1972	1.115	1.015	0.942	1.000	1.142	1.020
IL	1972	1.024	1.015	0.845	1.000	1.183	1.009
IN	1972	1.048	1.015	0.882	1.000	1.172	0.999
KS	1972	1.031	1.015	0.869	1.000	1.130	1.035
KY	1972	1.033	1.015	0.884	1.000	1.136	1.014
LA	1972	1.147	1.015	0.997	1.000	1.155	0.982
MA	1972	1.325	1.015	1.070	1.000	1.147	1.063
MD	1972	1.236	1.015	1.056	1.000	1.150	1.003
ME	1972	1.390	1.015	1.156	1.000	1.130	1.048
MI	1972	1.045	1.015	0.864	1.000	1.158	1.030
MN	1972	1.011	1.015	0.822	1.000	1.129	1.073
MO	1972	0.992	1.015	0.852	1.000	1.137	1.008
MS	1972	1.067	1.015	0.959	1.000	1.138	0.963
MT	1972	1.051	1.015	0.843	1.000	1.107	1.108
NC	1972	1.031	1.015	0.874	1.000	1.158	1.003
ND	1972	1.068	1.015	0.833	1.000	1.126	1.121
NE	1972	1.036	1.015	0.839	1.000	1.144	1.063
NH	1972	1.535	1.015	1.244	1.000	1.121	1.084
NJ	1972	1.248	1.015	0.965	1.000	1.144	1.114
NM	1972	1.163	1.015	0.912	1.000	1.069	1.175
NV	1972	1.349	1.015	1.212	1.000	1.084	1.011
NY	1972	1.082	1.015	0.888	1.000	1.134	1.058
OH	1972	1.024	1.015	0.845	1.000	1.165	1.025
OK	1972	0.991	1.015	0.864	1.000	1.133	0.996
OR	1972	1.111	1.015	0.825	1.000	1.144	1.159
PA	1972	1.052	1.015	0.860	1.000	1.139	1.058
RI	1972	1.754	1.015	1.437	1.000	1.126	1.068
SC	1972	1.113	1.015	1.020	1.000	1.131	0.950
SD	1972	1.078	1.015	0.878	1.000	1.105	1.095
TN	1972	1.039	1.015	0.899	1.000	1.149	0.991
TX	1972	0.891	1.015	0.750	0.999	1.121	1.044
UT	1972	1.212	1.015	0.950	1.000	1.104	1.138
VA	1972	1.060	1.015	0.894	1.000	1.140	1.025
VT	1972	1.380	1.015	1.162	1.000	1.134	1.031
WA	1972	1.092	1.015	0.828	1.000	1.165	1.115
WI	1972	1.004	1.015	0.848	1.000	1.114	1.046
WV	1972	1.204	1.015	1.007	1.000	1.115	1.056
WY	1972	1.158	1.015	0.931	1.000	1.083	1.132

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1973	1.116	1.017	1.006	1.000	1.109	0.984
AR	1973	1.077	1.017	0.876	1.000	1.127	1.073
AZ	1973	1.161	1.017	0.955	0.999	1.090	1.098
CA	1973	0.903	1.017	0.686	1.000	1.139	1.137
CO	1973	1.112	1.017	0.908	0.999	1.111	1.085
CT	1973	1.363	1.017	1.115	0.999	1.158	1.039
DE	1973	1.622	1.017	1.372	1.000	1.163	1.000
FL	1973	1.025	1.017	0.876	1.000	1.156	0.996
GA	1973	1.091	1.017	0.976	1.000	1.148	0.958
IA	1973	1.019	1.017	0.772	1.000	1.182	1.098
ID	1973	1.124	1.017	0.943	1.000	1.141	1.028
IL	1973	1.020	1.017	0.846	1.000	1.180	1.006
IN	1973	1.043	1.017	0.882	1.000	1.171	0.995
KS	1973	1.022	1.017	0.869	0.999	1.129	1.025
KY	1973	1.042	1.017	0.884	1.000	1.137	1.019
LA	1973	1.163	1.017	0.997	1.000	1.161	0.988
MA	1973	1.314	1.017	1.069	1.000	1.148	1.053
MD	1973	1.235	1.017	1.056	1.000	1.147	1.003
ME	1973	1.391	1.017	1.156	1.000	1.135	1.043
MI	1973	1.050	1.017	0.864	1.000	1.154	1.036
MN	1973	0.998	1.017	0.822	1.000	1.130	1.057
MO	1973	0.988	1.017	0.853	1.000	1.137	1.003
MS	1973	1.084	1.017	0.959	1.000	1.145	0.971
MT	1973	1.053	1.017	0.843	0.999	1.105	1.112
NC	1973	1.040	1.017	0.874	1.000	1.155	1.013
ND	1973	1.080	1.017	0.832	0.999	1.130	1.130
NE	1973	1.035	1.017	0.839	1.000	1.141	1.065
NH	1973	1.530	1.017	1.244	1.000	1.127	1.074
NJ	1973	1.255	1.017	0.965	1.000	1.144	1.118
NM	1973	1.145	1.017	0.912	0.999	1.070	1.155
NV	1973	1.352	1.017	1.213	1.000	1.087	1.009
NY	1973	1.077	1.017	0.888	1.000	1.136	1.050
OH	1973	1.018	1.017	0.845	1.000	1.167	1.016
OK	1973	0.999	1.017	0.864	0.999	1.134	1.003
OR	1973	1.113	1.017	0.824	1.000	1.141	1.164
PA	1973	1.041	1.017	0.860	1.000	1.140	1.044
RI	1973	1.786	1.017	1.436	1.000	1.132	1.081
SC	1973	1.132	1.017	1.021	1.000	1.133	0.963
SD	1973	1.067	1.017	0.878	1.000	1.097	1.090
TN	1973	1.049	1.017	0.900	1.000	1.152	0.996
TX	1973	0.904	1.017	0.750	0.999	1.125	1.055
UT	1973	1.207	1.017	0.949	1.000	1.107	1.129
VA	1973	1.067	1.017	0.894	1.000	1.140	1.030
VT	1973	1.375	1.017	1.162	1.000	1.142	1.019
WA	1973	1.092	1.017	0.827	1.000	1.159	1.122
WI	1973	1.005	1.017	0.849	1.000	1.113	1.046
WV	1973	1.204	1.017	1.007	1.000	1.123	1.047
WY	1973	1.150	1.017	0.930	1.000	1.081	1.125

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1974	1.147	1.018	1.006	0.999	1.104	1.015
AR	1974	1.091	1.018	0.877	0.999	1.120	1.092
AZ	1974	1.161	1.018	0.955	0.999	1.091	1.095
CA	1974	0.901	1.018	0.686	0.999	1.134	1.138
CO	1974	1.072	1.018	0.910	0.999	1.110	1.043
CT	1974	1.402	1.018	1.113	0.999	1.147	1.079
DE	1974	1.605	1.018	1.371	0.999	1.147	1.002
FL	1974	1.061	1.018	0.876	0.999	1.157	1.028
GA	1974	1.120	1.018	0.976	0.999	1.138	0.991
IA	1974	1.022	1.018	0.772	0.999	1.170	1.111
ID	1974	1.138	1.018	0.943	0.999	1.140	1.040
IL	1974	1.033	1.018	0.845	0.999	1.176	1.021
IN	1974	1.072	1.018	0.882	0.999	1.162	1.027
KS	1974	1.020	1.018	0.870	0.999	1.123	1.026
KY	1974	1.060	1.018	0.884	0.999	1.134	1.039
LA	1974	1.164	1.018	0.998	0.999	1.151	0.996
MA	1974	1.375	1.018	1.070	0.999	1.147	1.101
MD	1974	1.243	1.018	1.056	0.999	1.142	1.014
ME	1974	1.454	1.018	1.155	0.999	1.132	1.094
MI	1974	1.075	1.018	0.863	0.999	1.138	1.075
MN	1974	0.984	1.018	0.822	0.999	1.111	1.059
MO	1974	0.995	1.018	0.853	0.999	1.129	1.015
MS	1974	1.112	1.018	0.960	0.999	1.136	1.002
MT	1974	1.045	1.018	0.843	0.999	1.101	1.106
NC	1974	1.067	1.018	0.875	0.999	1.147	1.045
ND	1974	1.065	1.018	0.831	0.999	1.131	1.113
NE	1974	1.005	1.018	0.839	0.999	1.129	1.043
NH	1974	1.547	1.018	1.242	0.999	1.124	1.089
NJ	1974	1.251	1.018	0.966	0.999	1.135	1.120
NM	1974	1.131	1.018	0.911	0.999	1.070	1.141
NV	1974	1.328	1.018	1.212	0.999	1.082	0.995
NY	1974	1.089	1.018	0.888	0.999	1.129	1.067
OH	1974	1.044	1.018	0.844	0.999	1.162	1.046
OK	1974	1.038	1.018	0.865	0.999	1.123	1.050
OR	1974	1.130	1.018	0.823	0.999	1.137	1.186
PA	1974	1.027	1.018	0.860	0.999	1.136	1.033
RI	1974	1.773	1.018	1.434	0.999	1.101	1.103
SC	1974	1.164	1.018	1.022	0.999	1.126	0.995
SD	1974	1.039	1.018	0.878	0.999	1.084	1.072
TN	1974	1.096	1.018	0.900	0.999	1.141	1.049
TX	1974	0.911	1.018	0.751	0.999	1.106	1.078
UT	1974	1.200	1.018	0.950	0.999	1.106	1.123
VA	1974	1.108	1.018	0.894	0.999	1.133	1.075
VT	1974	1.415	1.018	1.162	0.999	1.124	1.064
WA	1974	1.095	1.018	0.826	0.999	1.146	1.137
WI	1974	1.000	1.018	0.848	0.999	1.106	1.048
WV	1974	1.205	1.018	1.006	0.999	1.113	1.058
WY	1974	1.146	1.018	0.931	0.999	1.080	1.120

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1975	1.150	1.020	1.007	0.999	1.091	1.027
AR	1975	1.103	1.020	0.876	0.999	1.101	1.123
AZ	1975	1.150	1.020	0.956	0.999	1.075	1.099
CA	1975	0.889	1.020	0.685	0.999	1.115	1.141
CO	1975	1.080	1.020	0.910	0.999	1.098	1.062
CT	1975	1.382	1.020	1.114	0.999	1.116	1.092
DE	1975	1.593	1.020	1.372	0.999	1.125	1.014
FL	1975	1.064	1.020	0.876	0.999	1.135	1.050
GA	1975	1.138	1.020	0.977	0.999	1.123	1.018
IA	1975	1.010	1.020	0.771	0.999	1.157	1.111
ID	1975	1.157	1.020	0.943	0.999	1.119	1.076
IL	1975	1.033	1.020	0.847	0.999	1.167	1.026
IN	1975	1.063	1.020	0.882	0.999	1.149	1.029
KS	1975	1.025	1.020	0.871	0.999	1.103	1.048
KY	1975	1.060	1.020	0.885	0.999	1.129	1.041
LA	1975	1.186	1.020	0.998	0.999	1.134	1.029
MA	1975	1.359	1.020	1.071	0.999	1.117	1.115
MD	1975	1.253	1.020	1.056	0.999	1.116	1.044
ME	1975	1.436	1.020	1.155	0.999	1.101	1.108
MI	1975	1.090	1.020	0.865	0.999	1.115	1.109
MN	1975	0.985	1.020	0.824	0.999	1.114	1.054
MO	1975	0.983	1.020	0.854	0.999	1.115	1.014
MS	1975	1.155	1.020	0.960	0.999	1.130	1.045
MT	1975	1.079	1.020	0.843	0.999	1.094	1.147
NC	1975	1.092	1.020	0.875	0.999	1.124	1.090
ND	1975	1.084	1.020	0.831	0.999	1.109	1.154
NE	1975	0.997	1.020	0.840	0.999	1.111	1.048
NH	1975	1.540	1.020	1.242	0.999	1.096	1.110
NJ	1975	1.246	1.020	0.966	0.999	1.114	1.136
NM	1975	1.127	1.020	0.913	0.999	1.061	1.142
NV	1975	1.317	1.020	1.212	0.999	1.079	0.988
NY	1975	1.086	1.020	0.889	0.999	1.108	1.082
OH	1975	1.052	1.020	0.846	0.999	1.143	1.068
OK	1975	1.025	1.020	0.866	0.999	1.117	1.040
OR	1975	1.103	1.020	0.822	0.999	1.110	1.186
PA	1975	1.029	1.020	0.860	0.999	1.120	1.048
RI	1975	1.765	1.020	1.435	0.999	1.089	1.109
SC	1975	1.146	1.020	1.022	0.999	1.101	0.999
SD	1975	1.042	1.020	0.878	0.999	1.067	1.091
TN	1975	1.105	1.020	0.901	0.999	1.132	1.063
TX	1975	0.912	1.020	0.751	0.999	1.086	1.098
UT	1975	1.189	1.020	0.949	0.999	1.075	1.144
VA	1975	1.103	1.020	0.895	0.999	1.110	1.089
VT	1975	1.403	1.020	1.162	0.999	1.088	1.089
WA	1975	1.090	1.020	0.825	0.999	1.129	1.149
WI	1975	0.996	1.020	0.849	0.999	1.096	1.050
WV	1975	1.223	1.020	1.009	0.999	1.087	1.093
WY	1975	1.145	1.020	0.931	0.999	1.070	1.128

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1976	1.154	1.021	1.007	0.999	1.080	1.040
AR	1976	1.115	1.021	0.877	0.999	1.082	1.152
AZ	1976	1.161	1.021	0.956	0.999	1.058	1.125
CA	1976	0.900	1.021	0.685	0.999	1.100	1.171
CO	1976	1.110	1.021	0.910	0.999	1.079	1.109
CT	1976	1.377	1.021	1.112	0.999	1.093	1.111
DE	1976	1.607	1.021	1.371	0.999	1.106	1.039
FL	1976	1.056	1.021	0.876	0.999	1.117	1.058
GA	1976	1.140	1.021	0.977	0.999	1.107	1.034
IA	1976	1.013	1.021	0.772	0.999	1.146	1.123
ID	1976	1.116	1.021	0.943	0.999	1.090	1.063
IL	1976	1.030	1.021	0.846	0.999	1.153	1.035
IN	1976	1.091	1.021	0.882	0.999	1.139	1.065
KS	1976	1.023	1.021	0.871	0.999	1.087	1.059
KY	1976	1.063	1.021	0.885	0.999	1.104	1.066
LA	1976	1.172	1.021	0.997	0.999	1.114	1.034
MA	1976	1.344	1.021	1.068	0.999	1.093	1.129
MD	1976	1.255	1.021	1.055	0.999	1.102	1.058
ME	1976	1.437	1.021	1.153	0.999	1.083	1.128
MI	1976	1.087	1.021	0.864	0.999	1.100	1.120
MN	1976	0.977	1.021	0.822	0.999	1.102	1.057
MO	1976	1.000	1.021	0.853	0.999	1.098	1.046
MS	1976	1.127	1.021	0.960	0.999	1.098	1.048
MT	1976	1.067	1.021	0.843	0.999	1.079	1.148
NC	1976	1.082	1.021	0.875	0.999	1.112	1.091
ND	1976	1.091	1.021	0.831	0.999	1.093	1.178
NE	1976	0.997	1.021	0.838	0.999	1.094	1.067
NH	1976	1.520	1.021	1.240	0.999	1.076	1.117
NJ	1976	1.227	1.021	0.966	0.999	1.090	1.142
NM	1976	1.109	1.021	0.911	0.999	1.045	1.142
NV	1976	1.306	1.021	1.212	0.999	1.054	1.002
NY	1976	1.079	1.021	0.888	0.999	1.087	1.095
OH	1976	1.055	1.021	0.846	0.999	1.137	1.076
OK	1976	1.031	1.021	0.866	0.999	1.093	1.068
OR	1976	1.124	1.021	0.823	0.999	1.099	1.218
PA	1976	1.042	1.021	0.859	0.999	1.096	1.085
RI	1976	1.703	1.021	1.431	0.999	1.057	1.103
SC	1976	1.180	1.021	1.022	0.999	1.083	1.045
SD	1976	1.046	1.021	0.878	0.999	1.050	1.112
TN	1976	1.092	1.021	0.901	0.999	1.111	1.069
TX	1976	0.923	1.021	0.751	0.999	1.067	1.129
UT	1976	1.189	1.021	0.949	0.999	1.071	1.146
VA	1976	1.120	1.021	0.891	0.999	1.094	1.126
VT	1976	1.391	1.021	1.162	0.999	1.065	1.102
WA	1976	1.083	1.021	0.825	0.999	1.112	1.157
WI	1976	1.001	1.021	0.848	0.999	1.069	1.082
WV	1976	1.236	1.021	1.008	0.999	1.064	1.129
WY	1976	1.161	1.021	0.931	0.999	1.049	1.165

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1977	1.158	1.023	1.007	0.999	1.118	1.007
AR	1977	1.114	1.023	0.877	0.999	1.125	1.105
AZ	1977	1.148	1.023	0.956	0.999	1.102	1.065
CA	1977	0.912	1.023	0.686	0.999	1.149	1.132
CO	1977	1.127	1.023	0.910	0.999	1.123	1.080
CT	1977	1.367	1.023	1.112	0.999	1.139	1.056
DE	1977	1.627	1.023	1.372	0.999	1.151	1.009
FL	1977	1.056	1.023	0.876	0.999	1.160	1.017
GA	1977	1.163	1.023	0.977	0.999	1.152	1.011
IA	1977	1.022	1.023	0.772	0.999	1.200	1.080
ID	1977	1.132	1.023	0.944	0.999	1.140	1.029
IL	1977	1.030	1.023	0.847	0.999	1.207	0.987
IN	1977	1.081	1.023	0.881	0.999	1.186	1.012
KS	1977	1.028	1.023	0.871	0.999	1.133	1.019
KY	1977	1.063	1.023	0.886	0.999	1.155	1.017
LA	1977	1.198	1.023	0.998	0.999	1.164	1.010
MA	1977	1.342	1.023	1.066	0.999	1.137	1.084
MD	1977	1.265	1.023	1.057	0.999	1.156	1.014
ME	1977	1.425	1.023	1.152	0.999	1.125	1.076
MI	1977	1.091	1.023	0.865	0.999	1.149	1.075
MN	1977	0.982	1.023	0.821	0.999	1.159	1.011
MO	1977	1.024	1.023	0.854	0.999	1.150	1.021
MS	1977	1.144	1.023	0.960	0.999	1.148	1.015
MT	1977	1.066	1.023	0.843	0.999	1.122	1.103
NC	1977	1.097	1.023	0.875	0.999	1.159	1.059
ND	1977	1.055	1.023	0.832	0.999	1.141	1.088
NE	1977	1.025	1.023	0.838	0.999	1.149	1.043
NH	1977	1.519	1.023	1.241	0.999	1.123	1.066
NJ	1977	1.220	1.023	0.967	0.999	1.129	1.093
NM	1977	1.126	1.023	0.912	0.999	1.083	1.116
NV	1977	1.339	1.023	1.212	0.999	1.103	0.981
NY	1977	1.101	1.023	0.887	0.999	1.126	1.078
OH	1977	1.039	1.023	0.847	0.999	1.185	1.013
OK	1977	1.061	1.023	0.866	0.999	1.145	1.047
OR	1977	1.107	1.023	0.823	0.999	1.143	1.151
PA	1977	1.039	1.023	0.861	0.999	1.144	1.032
RI	1977	1.713	1.023	1.430	0.999	1.102	1.064
SC	1977	1.195	1.023	1.022	0.999	1.130	1.012
SD	1977	1.037	1.023	0.877	0.999	1.098	1.054
TN	1977	1.117	1.023	0.902	0.999	1.162	1.043
TX	1977	0.920	1.023	0.752	0.999	1.116	1.074
UT	1977	1.191	1.023	0.950	0.999	1.113	1.102
VA	1977	1.160	1.023	0.891	0.999	1.141	1.118
VT	1977	1.400	1.023	1.163	0.999	1.109	1.063
WA	1977	1.112	1.023	0.826	0.999	1.164	1.133
WI	1977	0.980	1.023	0.850	0.999	1.113	1.013
WV	1977	1.196	1.023	1.008	0.999	1.121	1.036
WY	1977	1.184	1.023	0.932	0.999	1.100	1.131

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1978	1.169	1.024	1.005	0.999	1.137	0.999
AR	1978	1.135	1.024	0.877	0.999	1.158	1.092
AZ	1978	1.112	1.024	0.955	0.999	1.114	1.022
CA	1978	0.951	1.024	0.686	0.999	1.161	1.166
CO	1978	1.150	1.024	0.909	0.999	1.128	1.097
CT	1978	1.398	1.024	1.110	0.999	1.134	1.086
DE	1978	1.670	1.024	1.369	0.999	1.176	1.014
FL	1978	1.071	1.024	0.875	0.999	1.177	1.016
GA	1978	1.177	1.024	0.975	0.999	1.150	1.026
IA	1978	1.018	1.024	0.773	0.999	1.203	1.071
ID	1978	1.141	1.024	0.942	0.999	1.140	1.039
IL	1978	1.046	1.024	0.844	0.999	1.207	1.003
IN	1978	1.115	1.024	0.878	0.999	1.182	1.050
KS	1978	1.056	1.024	0.869	0.999	1.151	1.031
KY	1978	1.066	1.024	0.884	0.999	1.147	1.027
LA	1978	1.207	1.024	0.997	0.999	1.185	0.998
MA	1978	1.352	1.024	1.064	0.999	1.135	1.095
MD	1978	1.285	1.024	1.054	0.999	1.152	1.034
ME	1978	1.420	1.024	1.150	0.999	1.126	1.072
MI	1978	1.112	1.024	0.862	0.999	1.156	1.090
MN	1978	0.998	1.024	0.818	0.999	1.166	1.023
MO	1978	1.038	1.024	0.853	0.999	1.167	1.020
MS	1978	1.153	1.024	0.958	0.999	1.139	1.032
MT	1978	1.081	1.024	0.843	0.999	1.138	1.102
NC	1978	1.112	1.024	0.873	0.999	1.163	1.070
ND	1978	1.066	1.024	0.831	0.999	1.141	1.098
NE	1978	1.023	1.024	0.836	0.999	1.146	1.045
NH	1978	1.499	1.024	1.239	0.999	1.131	1.045
NJ	1978	1.225	1.024	0.967	0.999	1.139	1.088
NM	1978	1.124	1.024	0.910	0.999	1.091	1.107
NV	1978	1.340	1.024	1.209	0.999	1.101	0.984
NY	1978	1.094	1.024	0.885	0.999	1.122	1.076
OH	1978	1.043	1.024	0.844	0.999	1.170	1.032
OK	1978	1.051	1.024	0.866	0.999	1.139	1.042
OR	1978	1.117	1.024	0.824	0.999	1.149	1.154
PA	1978	1.054	1.024	0.859	0.999	1.144	1.048
RI	1978	1.747	1.024	1.426	0.999	1.126	1.064
SC	1978	1.210	1.024	1.020	0.999	1.144	1.014
SD	1978	1.071	1.024	0.875	0.999	1.118	1.069
TN	1978	1.115	1.024	0.900	0.999	1.164	1.041
TX	1978	0.920	1.024	0.752	0.999	1.119	1.069
UT	1978	1.192	1.024	0.949	0.999	1.136	1.080
VA	1978	1.132	1.024	0.889	0.999	1.157	1.075
VT	1978	1.394	1.024	1.159	0.999	1.116	1.054
WA	1978	1.138	1.024	0.826	0.999	1.175	1.146
WI	1978	0.995	1.024	0.848	0.999	1.132	1.012
WV	1978	1.270	1.024	1.004	0.999	1.125	1.098
WY	1978	1.201	1.024	0.930	0.999	1.099	1.148

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1979	1.181	1.025	1.005	0.999	1.134	1.012
AR	1979	1.166	1.025	0.877	0.999	1.167	1.112
AZ	1979	1.132	1.025	0.954	0.999	1.119	1.035
CA	1979	0.929	1.025	0.685	0.999	1.155	1.145
CO	1979	1.163	1.025	0.908	0.999	1.133	1.104
CT	1979	1.419	1.025	1.111	0.999	1.135	1.098
DE	1979	1.673	1.025	1.370	0.999	1.169	1.019
FL	1979	1.070	1.025	0.875	0.999	1.173	1.018
GA	1979	1.149	1.025	0.975	0.999	1.140	1.009
IA	1979	1.017	1.025	0.773	0.999	1.195	1.075
ID	1979	1.166	1.025	0.942	0.999	1.145	1.056
IL	1979	1.031	1.025	0.845	0.999	1.194	0.997
IN	1979	1.113	1.025	0.879	0.999	1.193	1.036
KS	1979	1.030	1.025	0.869	0.999	1.126	1.027
KY	1979	1.111	1.025	0.884	0.999	1.167	1.050
LA	1979	1.221	1.025	0.996	0.999	1.194	1.001
MA	1979	1.377	1.025	1.063	0.999	1.140	1.109
MD	1979	1.274	1.025	1.055	0.999	1.148	1.027
ME	1979	1.439	1.025	1.151	0.999	1.128	1.081
MI	1979	1.105	1.025	0.863	0.999	1.157	1.080
MN	1979	1.014	1.025	0.818	0.999	1.170	1.034
MO	1979	1.032	1.025	0.852	0.999	1.165	1.014
MS	1979	1.204	1.025	0.958	0.999	1.156	1.061
MT	1979	1.075	1.025	0.843	0.999	1.124	1.108
NC	1979	1.096	1.025	0.873	0.999	1.150	1.066
ND	1979	1.063	1.025	0.831	0.999	1.143	1.092
NE	1979	1.035	1.025	0.835	0.999	1.142	1.059
NH	1979	1.524	1.025	1.240	0.999	1.131	1.061
NJ	1979	1.222	1.025	0.965	0.999	1.131	1.092
NM	1979	1.092	1.025	0.910	0.999	1.069	1.095
NV	1979	1.362	1.025	1.209	0.999	1.098	1.002
NY	1979	1.100	1.025	0.885	0.999	1.126	1.078
OH	1979	1.078	1.025	0.845	0.999	1.173	1.062
OK	1979	1.074	1.025	0.865	0.999	1.125	1.077
OR	1979	1.124	1.025	0.824	0.999	1.151	1.157
PA	1979	1.071	1.025	0.860	0.999	1.151	1.055
RI	1979	1.772	1.025	1.426	0.999	1.130	1.073
SC	1979	1.229	1.025	1.020	0.999	1.143	1.030
SD	1979	1.060	1.025	0.875	0.999	1.113	1.062
TN	1979	1.137	1.025	0.900	0.999	1.154	1.068
TX	1979	0.930	1.025	0.751	0.999	1.119	1.080
UT	1979	1.201	1.025	0.949	0.999	1.144	1.081
VA	1979	1.163	1.025	0.888	0.999	1.152	1.109
VT	1979	1.424	1.025	1.160	0.999	1.124	1.067
WA	1979	1.122	1.025	0.826	0.999	1.168	1.137
WI	1979	0.994	1.025	0.849	0.999	1.133	1.008
WV	1979	1.306	1.025	1.005	0.999	1.131	1.122
WY	1979	1.178	1.025	0.930	0.999	1.088	1.137

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1980	1.171	1.027	1.006	0.999	1.134	1.000
AR	1980	1.138	1.027	0.876	0.999	1.159	1.092
AZ	1980	1.104	1.027	0.955	0.999	1.121	1.006
CA	1980	0.935	1.027	0.685	0.999	1.171	1.136
CO	1980	1.134	1.027	0.908	0.999	1.128	1.080
CT	1980	1.410	1.027	1.110	0.999	1.142	1.084
DE	1980	1.688	1.027	1.371	0.999	1.187	1.011
FL	1980	1.084	1.027	0.875	0.999	1.185	1.019
GA	1980	1.144	1.027	0.975	0.999	1.138	1.005
IA	1980	1.023	1.027	0.773	0.999	1.202	1.074
ID	1980	1.157	1.027	0.942	0.999	1.142	1.049
IL	1980	1.064	1.027	0.845	0.999	1.207	1.017
IN	1980	1.107	1.027	0.879	0.999	1.179	1.041
KS	1980	1.014	1.027	0.869	0.999	1.123	1.013
KY	1980	1.089	1.027	0.885	0.999	1.160	1.035
LA	1980	1.204	1.027	0.997	0.999	1.189	0.991
MA	1980	1.364	1.027	1.062	0.999	1.145	1.094
MD	1980	1.265	1.027	1.056	0.999	1.159	1.007
ME	1980	1.416	1.027	1.151	0.999	1.133	1.058
MI	1980	1.108	1.027	0.864	0.999	1.155	1.083
MN	1980	0.994	1.027	0.819	0.999	1.174	1.008
MO	1980	1.048	1.027	0.852	0.999	1.164	1.030
MS	1980	1.159	1.027	0.958	0.999	1.145	1.030
MT	1980	1.055	1.027	0.843	0.999	1.130	1.080
NC	1980	1.102	1.027	0.873	0.999	1.167	1.054
ND	1980	1.113	1.027	0.831	0.999	1.144	1.141
NE	1980	1.027	1.027	0.835	0.999	1.140	1.052
NH	1980	1.503	1.027	1.240	0.999	1.130	1.045
NJ	1980	1.219	1.027	0.966	0.999	1.132	1.087
NM	1980	1.126	1.027	0.910	0.999	1.082	1.115
NV	1980	1.360	1.027	1.210	0.999	1.093	1.002
NY	1980	1.091	1.027	0.886	0.999	1.128	1.065
OH	1980	1.058	1.027	0.846	0.999	1.165	1.047
OK	1980	1.088	1.027	0.865	0.999	1.130	1.085
OR	1980	1.108	1.027	0.823	0.999	1.156	1.135
PA	1980	1.047	1.027	0.861	0.999	1.142	1.038
RI	1980	1.765	1.027	1.426	0.999	1.149	1.050
SC	1980	1.244	1.027	1.020	0.999	1.145	1.038
SD	1980	1.053	1.027	0.876	0.999	1.129	1.038
TN	1980	1.128	1.027	0.901	0.999	1.155	1.056
TX	1980	0.921	1.027	0.751	0.999	1.123	1.065
UT	1980	1.200	1.027	0.949	0.999	1.136	1.084
VA	1980	1.153	1.027	0.888	0.999	1.155	1.095
VT	1980	1.393	1.027	1.160	0.999	1.123	1.042
WA	1980	1.107	1.027	0.825	0.999	1.169	1.118
WI	1980	1.004	1.027	0.851	0.999	1.137	1.012
WV	1980	1.290	1.027	1.006	0.999	1.129	1.107
WY	1980	1.186	1.027	0.931	0.999	1.094	1.136

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1981	1.132	1.028	1.005	0.999	1.150	0.954
AR	1981	1.133	1.028	0.877	0.999	1.168	1.077
AZ	1981	1.113	1.028	0.953	0.999	1.139	0.998
CA	1981	0.940	1.028	0.685	0.999	1.186	1.126
CO	1981	1.106	1.028	0.908	0.999	1.139	1.041
CT	1981	1.391	1.028	1.110	0.999	1.148	1.063
DE	1981	1.732	1.028	1.368	0.999	1.200	1.027
FL	1981	1.088	1.028	0.875	0.999	1.198	1.010
GA	1981	1.119	1.028	0.974	0.999	1.151	0.972
IA	1981	1.066	1.028	0.774	0.999	1.217	1.101
ID	1981	1.158	1.028	0.941	0.999	1.161	1.031
IL	1981	1.046	1.028	0.844	0.999	1.209	0.998
IN	1981	1.105	1.028	0.878	0.999	1.201	1.020
KS	1981	0.998	1.028	0.868	0.999	1.141	0.981
KY	1981	1.075	1.028	0.883	0.999	1.165	1.017
LA	1981	1.178	1.028	0.995	0.999	1.192	0.966
MA	1981	1.354	1.028	1.064	0.999	1.152	1.075
MD	1981	1.239	1.028	1.054	0.999	1.162	0.984
ME	1981	1.396	1.028	1.151	0.999	1.143	1.033
MI	1981	1.118	1.028	0.864	0.999	1.174	1.073
MN	1981	1.004	1.028	0.818	0.999	1.186	1.008
MO	1981	1.055	1.028	0.851	0.999	1.168	1.033
MS	1981	1.173	1.028	0.957	0.999	1.152	1.037
MT	1981	1.053	1.028	0.844	0.999	1.145	1.061
NC	1981	1.096	1.028	0.873	0.999	1.183	1.032
ND	1981	1.099	1.028	0.832	0.999	1.155	1.115
NE	1981	1.029	1.028	0.836	0.999	1.154	1.039
NH	1981	1.478	1.028	1.238	0.999	1.140	1.019
NJ	1981	1.211	1.028	0.966	0.999	1.139	1.072
NM	1981	1.097	1.028	0.910	0.999	1.105	1.063
NV	1981	1.348	1.028	1.209	0.999	1.110	0.979
NY	1981	1.085	1.028	0.885	0.999	1.129	1.057
OH	1981	1.119	1.028	0.845	0.999	1.185	1.088
OK	1981	1.049	1.028	0.864	0.999	1.150	1.028
OR	1981	1.076	1.028	0.825	0.999	1.173	1.083
PA	1981	1.061	1.028	0.860	0.999	1.159	1.036
RI	1981	1.748	1.028	1.423	0.999	1.156	1.035
SC	1981	1.226	1.028	1.020	0.999	1.157	1.012
SD	1981	1.030	1.028	0.876	0.999	1.139	1.006
TN	1981	1.126	1.028	0.899	0.999	1.168	1.043
TX	1981	0.930	1.028	0.751	0.999	1.143	1.056
UT	1981	1.278	1.028	0.950	0.999	1.150	1.140
VA	1981	1.124	1.028	0.888	0.999	1.153	1.069
VT	1981	1.370	1.028	1.159	0.999	1.137	1.012
WA	1981	1.119	1.028	0.826	0.999	1.181	1.117
WI	1981	1.005	1.028	0.850	0.999	1.160	0.993
WV	1981	1.292	1.028	1.006	0.999	1.143	1.094
WY	1981	1.155	1.028	0.931	0.999	1.109	1.090

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1982	1.213	1.030	1.004	0.999	1.161	1.012
AR	1982	1.179	1.030	0.876	0.999	1.187	1.102
AZ	1982	1.091	1.030	0.953	0.999	1.137	0.980
CA	1982	0.943	1.030	0.685	0.999	1.198	1.118
CO	1982	1.149	1.030	0.907	0.999	1.154	1.067
CT	1982	1.443	1.030	1.108	0.999	1.151	1.100
DE	1982	1.635	1.030	1.367	0.999	1.186	0.980
FL	1982	1.074	1.030	0.874	0.999	1.214	0.984
GA	1982	1.165	1.030	0.974	0.999	1.154	1.008
IA	1982	1.034	1.030	0.774	0.999	1.229	1.057
ID	1982	1.102	1.030	0.941	0.999	1.161	0.981
IL	1982	1.085	1.030	0.843	0.999	1.212	1.032
IN	1982	1.120	1.030	0.878	0.999	1.198	1.035
KS	1982	1.014	1.030	0.868	0.999	1.158	0.981
KY	1982	1.072	1.030	0.883	0.999	1.181	1.000
LA	1982	1.205	1.030	0.994	0.999	1.207	0.977
MA	1982	1.339	1.030	1.063	0.999	1.158	1.057
MD	1982	1.282	1.030	1.053	0.999	1.176	1.007
ME	1982	1.444	1.030	1.150	0.999	1.145	1.067
MI	1982	1.100	1.030	0.865	0.999	1.176	1.051
MN	1982	1.005	1.030	0.818	0.999	1.193	1.001
MO	1982	1.005	1.030	0.851	0.999	1.172	0.980
MS	1982	1.181	1.030	0.956	0.999	1.178	1.019
MT	1982	1.050	1.030	0.844	0.999	1.152	1.049
NC	1982	1.091	1.030	0.872	0.999	1.185	1.026
ND	1982	1.079	1.030	0.831	0.999	1.161	1.088
NE	1982	1.031	1.030	0.835	0.999	1.161	1.034
NH	1982	1.511	1.030	1.237	0.999	1.143	1.039
NJ	1982	1.233	1.030	0.965	0.999	1.138	1.092
NM	1982	1.084	1.030	0.909	0.999	1.108	1.046
NV	1982	1.422	1.030	1.208	0.999	1.112	1.030
NY	1982	1.105	1.030	0.885	0.999	1.147	1.058
OH	1982	1.057	1.030	0.845	0.999	1.188	1.024
OK	1982	1.084	1.030	0.864	0.999	1.168	1.045
OR	1982	1.087	1.030	0.825	0.999	1.171	1.093
PA	1982	1.043	1.030	0.859	0.999	1.153	1.024
RI	1982	1.830	1.030	1.421	0.999	1.158	1.080
SC	1982	1.266	1.030	1.019	0.999	1.158	1.043
SD	1982	1.073	1.030	0.875	0.999	1.153	1.034
TN	1982	1.110	1.030	0.898	0.999	1.179	1.019
TX	1982	0.926	1.030	0.750	0.999	1.149	1.044
UT	1982	1.207	1.030	0.949	0.999	1.157	1.069
VA	1982	1.112	1.030	0.887	0.999	1.165	1.046
VT	1982	1.454	1.030	1.158	0.999	1.138	1.073
WA	1982	1.139	1.030	0.827	0.999	1.206	1.111
WI	1982	1.002	1.030	0.849	0.999	1.160	0.988
WV	1982	1.226	1.030	1.006	0.999	1.151	1.030
WY	1982	1.143	1.030	0.930	0.999	1.117	1.069

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1983	1.268	1.031	1.003	0.999	1.161	1.057
AR	1983	1.134	1.031	0.876	0.999	1.188	1.058
AZ	1983	1.094	1.031	0.952	0.999	1.140	0.979
CA	1983	0.934	1.031	0.685	0.999	1.194	1.110
CO	1983	1.146	1.031	0.907	0.999	1.156	1.062
CT	1983	1.404	1.031	1.108	0.999	1.159	1.062
DE	1983	1.686	1.031	1.367	0.999	1.184	1.011
FL	1983	1.084	1.031	0.874	0.999	1.217	0.989
GA	1983	1.169	1.031	0.973	0.999	1.156	1.008
IA	1983	1.034	1.031	0.775	0.999	1.217	1.065
ID	1983	1.158	1.031	0.941	0.999	1.165	1.025
IL	1983	1.077	1.031	0.843	0.999	1.203	1.031
IN	1983	1.100	1.031	0.878	0.999	1.193	1.019
KS	1983	1.013	1.031	0.868	0.999	1.157	0.980
KY	1983	1.092	1.031	0.883	0.999	1.179	1.019
LA	1983	1.247	1.031	0.994	0.999	1.209	1.007
MA	1983	1.354	1.031	1.063	0.999	1.168	1.059
MD	1983	1.291	1.031	1.054	0.999	1.176	1.011
ME	1983	1.438	1.031	1.149	0.999	1.153	1.053
MI	1983	1.096	1.031	0.865	0.999	1.171	1.050
MN	1983	1.028	1.031	0.818	0.999	1.190	1.025
MO	1983	1.029	1.031	0.850	0.999	1.171	1.003
MS	1983	1.216	1.031	0.956	0.999	1.181	1.046
MT	1983	1.086	1.031	0.845	0.999	1.150	1.086
NC	1983	1.156	1.031	0.872	0.999	1.182	1.088
ND	1983	1.102	1.031	0.832	0.999	1.163	1.106
NE	1983	1.052	1.031	0.835	0.999	1.161	1.053
NH	1983	1.575	1.031	1.237	0.999	1.152	1.073
NJ	1983	1.240	1.031	0.965	0.999	1.146	1.089
NM	1983	1.109	1.031	0.909	0.999	1.112	1.065
NV	1983	1.420	1.031	1.207	0.999	1.114	1.025
NY	1983	1.106	1.031	0.885	0.999	1.142	1.062
OH	1983	1.033	1.031	0.845	0.999	1.179	1.007
OK	1983	1.095	1.031	0.864	0.999	1.169	1.053
OR	1983	1.095	1.031	0.826	0.999	1.170	1.100
PA	1983	1.050	1.031	0.859	0.999	1.149	1.033
RI	1983	1.739	1.031	1.421	0.999	1.169	1.017
SC	1983	1.286	1.031	1.018	0.999	1.157	1.060
SD	1983	1.036	1.031	0.875	0.999	1.153	0.996
TN	1983	1.061	1.031	0.898	0.999	1.179	0.973
TX	1983	0.939	1.031	0.750	0.999	1.153	1.054
UT	1983	1.277	1.031	0.949	0.999	1.155	1.132
VA	1983	1.173	1.031	0.887	0.999	1.168	1.099
VT	1983	1.398	1.031	1.158	0.999	1.143	1.025
WA	1983	1.123	1.031	0.828	0.999	1.191	1.106
WI	1983	1.014	1.031	0.849	0.999	1.162	0.998
WV	1983	1.254	1.031	1.006	0.999	1.154	1.048
WY	1983	1.159	1.031	0.930	0.999	1.117	1.083

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1984	1.233	1.033	1.003	0.999	1.164	1.023
AR	1984	1.157	1.033	0.876	0.999	1.186	1.080
AZ	1984	1.090	1.033	0.953	0.999	1.140	0.973
CA	1984	0.945	1.033	0.684	0.999	1.202	1.114
CO	1984	1.147	1.033	0.906	0.999	1.160	1.058
CT	1984	1.381	1.033	1.108	0.999	1.166	1.036
DE	1984	1.601	1.033	1.366	0.999	1.189	0.955
FL	1984	1.093	1.033	0.874	0.999	1.222	0.992
GA	1984	1.174	1.033	0.973	0.999	1.167	1.002
IA	1984	1.029	1.033	0.775	0.999	1.218	1.057
ID	1984	1.154	1.033	0.940	0.999	1.166	1.021
IL	1984	1.064	1.033	0.841	0.999	1.205	1.018
IN	1984	1.110	1.033	0.877	0.999	1.192	1.030
KS	1984	1.060	1.033	0.868	0.999	1.159	1.022
KY	1984	1.089	1.033	0.881	0.999	1.179	1.017
LA	1984	1.283	1.033	0.995	0.999	1.216	1.029
MA	1984	1.353	1.033	1.064	0.999	1.176	1.049
MD	1984	1.323	1.033	1.052	0.999	1.180	1.033
ME	1984	1.446	1.033	1.150	0.999	1.159	1.052
MI	1984	1.091	1.033	0.865	0.999	1.172	1.043
MN	1984	1.005	1.033	0.817	0.999	1.185	1.006
MO	1984	1.017	1.033	0.851	0.999	1.188	0.976
MS	1984	1.230	1.033	0.955	0.999	1.181	1.057
MT	1984	1.041	1.033	0.844	0.999	1.139	1.050
NC	1984	1.131	1.033	0.872	0.999	1.187	1.059
ND	1984	1.070	1.033	0.832	0.999	1.169	1.067
NE	1984	1.034	1.033	0.836	0.999	1.159	1.035
NH	1984	1.522	1.033	1.236	0.999	1.165	1.025
NJ	1984	1.242	1.033	0.965	0.999	1.149	1.086
NM	1984	1.059	1.033	0.909	0.999	1.104	1.023
NV	1984	1.403	1.033	1.207	0.999	1.122	1.004
NY	1984	1.052	1.033	0.884	0.999	1.132	1.018
OH	1984	1.103	1.033	0.844	0.999	1.176	1.078
OK	1984	1.054	1.033	0.864	0.999	1.169	1.012
OR	1984	1.116	1.033	0.826	0.999	1.174	1.115
PA	1984	1.061	1.033	0.858	0.999	1.172	1.023
RI	1984	1.740	1.033	1.421	0.999	1.175	1.010
SC	1984	1.244	1.033	1.017	0.999	1.157	1.024
SD	1984	1.069	1.033	0.875	0.999	1.158	1.023
TN	1984	1.107	1.033	0.898	0.999	1.182	1.012
TX	1984	0.924	1.033	0.750	0.999	1.157	1.032
UT	1984	1.230	1.033	0.949	0.999	1.153	1.090
VA	1984	1.142	1.033	0.888	0.999	1.172	1.065
VT	1984	1.355	1.033	1.157	0.999	1.152	0.985
WA	1984	1.125	1.033	0.828	0.999	1.199	1.100
WI	1984	1.008	1.033	0.848	0.999	1.159	0.995
WV	1984	1.288	1.033	1.006	0.999	1.157	1.073
WY	1984	1.164	1.033	0.929	0.999	1.115	1.088

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1985	1.229	1.034	1.004	0.999	1.169	1.014
AR	1985	1.144	1.034	0.875	0.999	1.182	1.071
AZ	1985	1.101	1.034	0.953	0.999	1.142	0.979
CA	1985	0.943	1.034	0.684	0.999	1.198	1.114
CO	1985	1.107	1.034	0.907	0.999	1.153	1.026
CT	1985	1.411	1.034	1.107	0.999	1.173	1.052
DE	1985	1.699	1.034	1.365	0.999	1.191	1.011
FL	1985	1.096	1.034	0.874	0.999	1.221	0.994
GA	1985	1.193	1.034	0.973	0.999	1.181	1.006
IA	1985	1.042	1.034	0.775	0.999	1.222	1.065
ID	1985	1.154	1.034	0.940	0.999	1.167	1.018
IL	1985	1.071	1.034	0.842	0.999	1.206	1.021
IN	1985	1.107	1.034	0.877	0.999	1.183	1.033
KS	1985	1.043	1.034	0.868	0.999	1.155	1.007
KY	1985	1.111	1.034	0.881	0.999	1.174	1.040
LA	1985	1.233	1.034	0.995	0.999	1.198	1.001
MA	1985	1.367	1.034	1.062	0.999	1.184	1.052
MD	1985	1.341	1.034	1.052	0.999	1.182	1.044
ME	1985	1.425	1.034	1.149	0.999	1.163	1.032
MI	1985	1.102	1.034	0.866	0.999	1.175	1.050
MN	1985	1.006	1.034	0.817	0.999	1.180	1.010
MO	1985	1.017	1.034	0.851	0.999	1.161	0.996
MS	1985	1.199	1.034	0.956	0.999	1.170	1.038
MT	1985	1.047	1.034	0.843	0.999	1.134	1.061
NC	1985	1.154	1.034	0.873	0.999	1.196	1.071
ND	1985	1.083	1.034	0.832	0.999	1.161	1.086
NE	1985	1.029	1.034	0.835	0.999	1.159	1.029
NH	1985	1.522	1.034	1.235	0.999	1.173	1.017
NJ	1985	1.219	1.034	0.965	0.999	1.151	1.063
NM	1985	1.112	1.034	0.909	0.999	1.120	1.057
NV	1985	1.393	1.034	1.207	0.999	1.117	1.001
NY	1985	1.094	1.034	0.884	0.999	1.153	1.040
OH	1985	1.078	1.034	0.844	0.999	1.181	1.047
OK	1985	1.070	1.034	0.865	0.999	1.164	1.030
OR	1985	1.124	1.034	0.827	0.999	1.174	1.122
PA	1985	1.087	1.034	0.858	0.999	1.171	1.047
RI	1985	1.738	1.034	1.419	0.999	1.183	1.003
SC	1985	1.298	1.034	1.018	0.999	1.161	1.063
SD	1985	1.061	1.034	0.875	0.999	1.150	1.020
TN	1985	1.133	1.034	0.898	0.999	1.181	1.034
TX	1985	0.922	1.034	0.751	0.999	1.157	1.029
UT	1985	1.234	1.034	0.949	0.999	1.154	1.090
VA	1985	1.155	1.034	0.887	0.999	1.169	1.078
VT	1985	1.370	1.034	1.157	0.999	1.152	0.995
WA	1985	1.148	1.034	0.828	0.999	1.203	1.117
WI	1985	1.016	1.034	0.847	0.999	1.150	1.010
WV	1985	1.354	1.034	1.006	0.999	1.155	1.129
WY	1985	1.169	1.034	0.929	0.999	1.106	1.101

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1986	1.281	1.036	1.004	0.999	1.172	1.052
AR	1986	1.188	1.036	0.874	0.999	1.187	1.107
AZ	1986	1.119	1.036	0.953	0.999	1.154	0.984
CA	1986	0.956	1.036	0.683	0.999	1.191	1.136
CO	1986	1.136	1.036	0.906	0.999	1.143	1.061
CT	1986	1.461	1.036	1.108	0.999	1.179	1.081
DE	1986	1.697	1.036	1.365	0.999	1.188	1.011
FL	1986	1.097	1.036	0.874	0.999	1.212	1.001
GA	1986	1.221	1.036	0.973	0.999	1.184	1.025
IA	1986	1.039	1.036	0.774	0.999	1.195	1.086
ID	1986	1.156	1.036	0.941	0.999	1.162	1.023
IL	1986	1.074	1.036	0.842	0.999	1.199	1.028
IN	1986	1.107	1.036	0.878	0.999	1.176	1.036
KS	1986	1.069	1.036	0.868	0.999	1.151	1.035
KY	1986	1.122	1.036	0.882	0.999	1.168	1.053
LA	1986	1.282	1.036	0.995	0.999	1.203	1.035
MA	1986	1.417	1.036	1.065	0.999	1.194	1.077
MD	1986	1.375	1.036	1.052	0.999	1.183	1.067
ME	1986	1.451	1.036	1.151	0.999	1.169	1.043
MI	1986	1.140	1.036	0.867	0.999	1.175	1.081
MN	1986	1.026	1.036	0.818	0.999	1.172	1.034
MO	1986	1.062	1.036	0.851	0.999	1.166	1.034
MS	1986	1.251	1.036	0.957	0.999	1.163	1.087
MT	1986	1.063	1.036	0.842	0.999	1.134	1.077
NC	1986	1.193	1.036	0.873	0.999	1.196	1.106
ND	1986	1.091	1.036	0.831	0.999	1.159	1.095
NE	1986	1.050	1.036	0.837	0.999	1.167	1.039
NH	1986	1.539	1.036	1.236	0.999	1.182	1.018
NJ	1986	1.216	1.036	0.963	0.999	1.153	1.058
NM	1986	1.133	1.036	0.912	0.999	1.120	1.073
NV	1986	1.406	1.036	1.207	0.999	1.112	1.013
NY	1986	1.113	1.036	0.884	0.999	1.147	1.061
OH	1986	1.073	1.036	0.845	0.999	1.178	1.043
OK	1986	1.088	1.036	0.864	0.999	1.159	1.051
OR	1986	1.130	1.036	0.826	0.999	1.170	1.131
PA	1986	1.092	1.036	0.859	0.999	1.161	1.059
RI	1986	1.773	1.036	1.420	0.999	1.192	1.012
SC	1986	1.330	1.036	1.018	0.999	1.155	1.094
SD	1986	1.092	1.036	0.876	0.999	1.160	1.040
TN	1986	1.175	1.036	0.898	0.999	1.193	1.061
TX	1986	0.941	1.036	0.750	0.999	1.158	1.047
UT	1986	1.298	1.036	0.947	0.999	1.137	1.165
VA	1986	1.179	1.036	0.891	0.999	1.167	1.097
VT	1986	1.421	1.036	1.157	0.999	1.153	1.030
WA	1986	1.155	1.036	0.827	0.999	1.196	1.129
WI	1986	1.019	1.036	0.848	0.999	1.139	1.020
WV	1986	1.343	1.036	1.007	0.999	1.154	1.117
WY	1986	1.178	1.036	0.928	0.999	1.106	1.110

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1987	1.254	1.037	1.003	0.999	1.166	1.036
AR	1987	1.199	1.037	0.873	0.999	1.177	1.126
AZ	1987	1.088	1.037	0.952	0.999	1.136	0.971
CA	1987	0.948	1.037	0.683	0.999	1.184	1.132
CO	1987	1.102	1.037	0.905	0.999	1.123	1.046
CT	1987	1.456	1.037	1.109	0.999	1.187	1.068
DE	1987	1.724	1.037	1.364	0.999	1.190	1.025
FL	1987	1.101	1.037	0.874	0.999	1.211	1.004
GA	1987	1.249	1.037	0.972	0.999	1.176	1.054
IA	1987	1.040	1.037	0.773	0.999	1.204	1.079
ID	1987	1.169	1.037	0.940	0.999	1.156	1.039
IL	1987	1.087	1.037	0.841	0.999	1.195	1.044
IN	1987	1.115	1.037	0.878	0.999	1.178	1.041
KS	1987	1.070	1.037	0.867	0.999	1.144	1.041
KY	1987	1.112	1.037	0.880	0.999	1.164	1.048
LA	1987	1.263	1.037	0.994	0.999	1.192	1.028
MA	1987	1.440	1.037	1.067	0.999	1.209	1.077
MD	1987	1.367	1.037	1.051	0.999	1.178	1.065
ME	1987	1.478	1.037	1.151	0.999	1.181	1.049
MI	1987	1.130	1.037	0.867	0.999	1.155	1.090
MN	1987	1.009	1.037	0.820	0.999	1.168	1.018
MO	1987	1.026	1.037	0.850	0.999	1.151	1.012
MS	1987	1.238	1.037	0.956	0.999	1.155	1.083
MT	1987	1.098	1.037	0.841	0.999	1.128	1.117
NC	1987	1.202	1.037	0.872	0.999	1.199	1.109
ND	1987	1.092	1.037	0.830	0.999	1.158	1.097
NE	1987	1.057	1.037	0.838	0.999	1.159	1.050
NH	1987	1.575	1.037	1.235	0.999	1.192	1.033
NJ	1987	1.227	1.037	0.962	0.999	1.164	1.057
NM	1987	1.088	1.037	0.912	0.999	1.119	1.029
NV	1987	1.448	1.037	1.206	0.999	1.118	1.037
NY	1987	1.134	1.037	0.885	0.999	1.142	1.083
OH	1987	1.093	1.037	0.844	0.999	1.171	1.067
OK	1987	1.113	1.037	0.863	0.999	1.147	1.085
OR	1987	1.124	1.037	0.824	0.999	1.161	1.135
PA	1987	1.093	1.037	0.858	0.999	1.171	1.050
RI	1987	1.847	1.037	1.421	0.999	1.208	1.039
SC	1987	1.356	1.037	1.016	0.999	1.165	1.106
SD	1987	1.076	1.037	0.877	0.999	1.141	1.038
TN	1987	1.213	1.037	0.897	0.999	1.202	1.086
TX	1987	0.937	1.037	0.749	0.999	1.151	1.050
UT	1987	1.310	1.037	0.946	0.999	1.137	1.176
VA	1987	1.196	1.037	0.891	0.999	1.172	1.106
VT	1987	1.415	1.037	1.155	0.999	1.148	1.030
WA	1987	1.138	1.037	0.825	0.999	1.183	1.126
WI	1987	1.035	1.037	0.847	0.999	1.139	1.036
WV	1987	1.302	1.037	1.008	0.999	1.148	1.087
WY	1987	1.174	1.037	0.928	0.999	1.097	1.114

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1988	1.257	1.038	1.004	0.999	1.153	1.047
AR	1988	1.186	1.038	0.873	0.999	1.171	1.118
AZ	1988	1.091	1.038	0.952	0.999	1.140	0.969
CA	1988	0.938	1.038	0.682	0.999	1.181	1.122
CO	1988	1.132	1.038	0.906	0.999	1.123	1.074
CT	1988	1.452	1.038	1.109	0.999	1.182	1.068
DE	1988	1.716	1.038	1.363	0.999	1.181	1.027
FL	1988	1.085	1.038	0.874	0.999	1.207	0.992
GA	1988	1.240	1.038	0.973	0.999	1.176	1.044
IA	1988	1.028	1.038	0.773	0.999	1.190	1.078
ID	1988	1.159	1.038	0.940	0.999	1.155	1.030
IL	1988	1.062	1.038	0.842	0.999	1.191	1.021
IN	1988	1.097	1.038	0.878	0.999	1.172	1.029
KS	1988	1.087	1.038	0.868	0.999	1.141	1.058
KY	1988	1.109	1.038	0.881	0.999	1.155	1.051
LA	1988	1.227	1.038	0.995	0.999	1.170	1.016
MA	1988	1.462	1.038	1.069	0.999	1.219	1.082
MD	1988	1.378	1.038	1.051	0.999	1.183	1.069
ME	1988	1.520	1.038	1.152	0.999	1.191	1.068
MI	1988	1.103	1.038	0.866	0.999	1.140	1.077
MN	1988	1.026	1.038	0.819	0.999	1.159	1.042
MO	1988	1.017	1.038	0.851	0.999	1.145	1.007
MS	1988	1.221	1.038	0.956	0.999	1.154	1.067
MT	1988	1.077	1.038	0.841	0.999	1.116	1.107
NC	1988	1.190	1.038	0.873	0.999	1.195	1.100
ND	1988	1.072	1.038	0.830	0.999	1.138	1.094
NE	1988	1.056	1.038	0.839	0.999	1.152	1.054
NH	1988	1.629	1.038	1.235	0.999	1.195	1.065
NJ	1988	1.218	1.038	0.963	0.999	1.165	1.046
NM	1988	1.103	1.038	0.911	0.999	1.123	1.039
NV	1988	1.487	1.038	1.206	0.999	1.115	1.066
NY	1988	1.135	1.038	0.884	0.999	1.150	1.076
OH	1988	1.084	1.038	0.844	0.999	1.157	1.070
OK	1988	1.078	1.038	0.864	0.999	1.135	1.060
OR	1988	1.108	1.038	0.824	0.999	1.148	1.129
PA	1988	1.083	1.038	0.858	0.999	1.158	1.052
RI	1988	1.937	1.038	1.423	0.999	1.222	1.074
SC	1988	1.286	1.038	1.017	0.999	1.153	1.058
SD	1988	1.075	1.038	0.877	0.999	1.138	1.039
TN	1988	1.178	1.038	0.897	0.999	1.194	1.060
TX	1988	0.922	1.038	0.750	0.999	1.143	1.038
UT	1988	1.289	1.038	0.946	0.999	1.128	1.164
VA	1988	1.255	1.038	0.892	0.999	1.180	1.150
VT	1988	1.412	1.038	1.156	0.999	1.151	1.023
WA	1988	1.157	1.038	0.825	0.999	1.186	1.139
WI	1988	1.023	1.038	0.846	0.999	1.129	1.033
WV	1988	1.323	1.038	1.007	0.999	1.153	1.098
WY	1988	1.196	1.038	0.928	0.999	1.085	1.146

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1989	1.247	1.040	1.004	0.999	1.164	1.028
AR	1989	1.201	1.040	0.873	0.999	1.161	1.141
AZ	1989	1.095	1.040	0.953	0.998	1.143	0.968
CA	1989	0.932	1.040	0.683	0.999	1.180	1.114
CO	1989	1.118	1.040	0.905	0.999	1.117	1.064
CT	1989	1.445	1.040	1.106	0.999	1.193	1.055
DE	1989	1.713	1.040	1.361	0.999	1.185	1.023
FL	1989	1.097	1.040	0.874	0.999	1.207	1.001
GA	1989	1.207	1.040	0.973	0.999	1.165	1.025
IA	1989	1.038	1.040	0.771	0.999	1.178	1.100
ID	1989	1.141	1.040	0.938	0.999	1.138	1.029
IL	1989	1.056	1.040	0.839	0.999	1.194	1.014
IN	1989	1.099	1.040	0.875	0.999	1.171	1.032
KS	1989	1.073	1.040	0.868	0.999	1.126	1.057
KY	1989	1.085	1.040	0.880	0.999	1.145	1.037
LA	1989	1.252	1.040	0.995	0.999	1.181	1.026
MA	1989	1.481	1.040	1.066	0.999	1.233	1.085
MD	1989	1.347	1.040	1.049	0.999	1.196	1.034
ME	1989	1.525	1.040	1.148	0.999	1.202	1.064
MI	1989	1.111	1.040	0.860	0.999	1.159	1.074
MN	1989	1.026	1.040	0.815	0.999	1.173	1.033
MO	1989	1.043	1.040	0.851	0.999	1.151	1.025
MS	1989	1.233	1.040	0.955	0.999	1.156	1.074
MT	1989	1.052	1.040	0.838	0.999	1.109	1.091
NC	1989	1.180	1.040	0.872	0.999	1.187	1.098
ND	1989	1.070	1.040	0.829	0.999	1.115	1.115
NE	1989	1.053	1.040	0.836	0.999	1.147	1.058
NH	1989	1.620	1.040	1.232	0.999	1.200	1.056
NJ	1989	1.261	1.040	0.964	0.999	1.184	1.063
NM	1989	1.090	1.040	0.907	0.999	1.113	1.040
NV	1989	1.459	1.040	1.206	0.999	1.108	1.052
NY	1989	1.129	1.040	0.881	0.999	1.154	1.070
OH	1989	1.050	1.040	0.840	0.999	1.151	1.045
OK	1989	1.086	1.040	0.864	0.999	1.137	1.064
OR	1989	1.091	1.040	0.823	0.999	1.139	1.120
PA	1989	1.078	1.040	0.854	0.999	1.162	1.046
RI	1989	1.943	1.040	1.420	0.999	1.232	1.070
SC	1989	1.277	1.040	1.017	0.999	1.144	1.056
SD	1989	1.058	1.040	0.874	0.999	1.140	1.022
TN	1989	1.138	1.040	0.897	0.999	1.175	1.040
TX	1989	0.935	1.040	0.750	0.999	1.150	1.043
UT	1989	1.275	1.040	0.945	0.999	1.124	1.155
VA	1989	1.225	1.040	0.888	0.999	1.185	1.121
VT	1989	1.422	1.040	1.154	0.999	1.161	1.022
WA	1989	1.116	1.040	0.825	0.999	1.173	1.109
WI	1989	1.025	1.040	0.843	0.999	1.138	1.029
WV	1989	1.275	1.040	1.000	0.999	1.141	1.076
WY	1989	1.198	1.040	0.925	0.999	1.074	1.161

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1990	1.243	1.041	1.004	0.999	1.174	1.014
AR	1990	1.210	1.041	0.872	0.999	1.180	1.130
AZ	1990	1.083	1.041	0.953	0.999	1.149	0.952
CA	1990	0.945	1.041	0.683	0.999	1.198	1.112
CO	1990	1.136	1.041	0.905	0.998	1.116	1.081
CT	1990	1.453	1.041	1.106	0.998	1.208	1.046
DE	1990	1.772	1.041	1.359	0.999	1.204	1.041
FL	1990	1.101	1.041	0.874	0.999	1.217	0.995
GA	1990	1.221	1.041	0.973	0.999	1.173	1.028
IA	1990	1.037	1.041	0.771	0.999	1.194	1.084
ID	1990	1.142	1.041	0.938	0.999	1.152	1.017
IL	1990	1.082	1.041	0.839	0.999	1.214	1.022
IN	1990	1.128	1.041	0.875	0.999	1.192	1.040
KS	1990	1.066	1.041	0.868	0.998	1.129	1.046
KY	1990	1.086	1.041	0.880	0.999	1.163	1.020
LA	1990	1.281	1.041	0.995	0.999	1.200	1.031
MA	1990	1.477	1.041	1.066	0.999	1.233	1.081
MD	1990	1.334	1.041	1.048	0.999	1.193	1.026
ME	1990	1.503	1.041	1.149	0.999	1.201	1.048
MI	1990	1.117	1.041	0.859	0.999	1.177	1.062
MN	1990	1.040	1.041	0.814	0.999	1.186	1.036
MO	1990	1.057	1.041	0.852	0.999	1.168	1.023
MS	1990	1.243	1.041	0.955	0.999	1.165	1.073
MT	1990	1.073	1.041	0.837	0.999	1.116	1.104
NC	1990	1.167	1.041	0.871	0.999	1.196	1.078
ND	1990	1.085	1.041	0.829	0.999	1.150	1.094
NE	1990	1.049	1.041	0.836	0.999	1.153	1.047
NH	1990	1.558	1.041	1.231	0.999	1.198	1.015
NJ	1990	1.279	1.041	0.963	0.999	1.197	1.067
NM	1990	1.089	1.041	0.907	0.999	1.114	1.037
NV	1990	1.427	1.041	1.205	0.999	1.102	1.033
NY	1990	1.152	1.041	0.879	0.999	1.172	1.076
OH	1990	1.058	1.041	0.840	0.999	1.165	1.039
OK	1990	1.065	1.041	0.864	0.999	1.144	1.035
OR	1990	1.083	1.041	0.824	0.999	1.149	1.100
PA	1990	1.087	1.041	0.854	0.999	1.176	1.041
RI	1990	1.951	1.041	1.420	0.999	1.250	1.057
SC	1990	1.247	1.041	1.017	0.999	1.150	1.025
SD	1990	1.084	1.041	0.873	0.999	1.132	1.055
TN	1990	1.132	1.041	0.897	0.999	1.182	1.027
TX	1990	0.931	1.041	0.750	0.999	1.148	1.039
UT	1990	1.245	1.041	0.945	0.999	1.131	1.120
VA	1990	1.170	1.041	0.888	0.999	1.183	1.071
VT	1990	1.447	1.041	1.154	0.999	1.171	1.029
WA	1990	1.102	1.041	0.826	0.999	1.175	1.092
WI	1990	1.028	1.041	0.843	0.999	1.158	1.013
WV	1990	1.312	1.041	0.999	0.999	1.156	1.092
WY	1990	1.181	1.041	0.924	0.998	1.076	1.142

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1991	1.235	1.043	1.005	0.999	1.171	1.008
AR	1991	1.207	1.043	0.872	0.999	1.172	1.135
AZ	1991	1.102	1.043	0.954	0.998	1.137	0.976
CA	1991	0.939	1.043	0.682	0.999	1.191	1.110
CO	1991	1.178	1.043	0.906	0.998	1.137	1.098
CT	1991	1.444	1.043	1.107	0.998	1.206	1.039
DE	1991	1.825	1.043	1.359	0.999	1.197	1.077
FL	1991	1.087	1.043	0.874	0.999	1.207	0.990
GA	1991	1.213	1.043	0.973	0.999	1.167	1.025
IA	1991	1.057	1.043	0.770	0.999	1.206	1.094
ID	1991	1.186	1.043	0.939	0.999	1.151	1.054
IL	1991	1.082	1.043	0.840	0.999	1.186	1.043
IN	1991	1.140	1.043	0.876	0.999	1.184	1.056
KS	1991	1.089	1.043	0.869	0.999	1.138	1.057
KY	1991	1.113	1.043	0.881	0.999	1.171	1.036
LA	1991	1.310	1.043	0.996	0.999	1.198	1.054
MA	1991	1.457	1.043	1.065	0.999	1.221	1.075
MD	1991	1.365	1.043	1.048	0.999	1.202	1.040
ME	1991	1.517	1.043	1.149	0.998	1.185	1.071
MI	1991	1.107	1.043	0.859	0.999	1.164	1.062
MN	1991	1.060	1.043	0.814	0.999	1.183	1.057
MO	1991	1.049	1.043	0.853	0.999	1.161	1.017
MS	1991	1.247	1.043	0.957	0.999	1.156	1.082
MT	1991	1.058	1.043	0.837	0.999	1.109	1.095
NC	1991	1.159	1.043	0.872	0.999	1.186	1.075
ND	1991	1.084	1.043	0.828	0.999	1.126	1.115
NE	1991	1.064	1.043	0.836	0.999	1.139	1.073
NH	1991	1.618	1.043	1.232	0.999	1.188	1.062
NJ	1991	1.315	1.043	0.963	0.999	1.207	1.086
NM	1991	1.090	1.043	0.907	0.998	1.098	1.052
NV	1991	1.428	1.043	1.205	0.999	1.093	1.041
NY	1991	1.166	1.043	0.879	0.999	1.164	1.094
OH	1991	1.067	1.043	0.841	0.999	1.181	1.032
OK	1991	1.073	1.043	0.865	0.999	1.151	1.035
OR	1991	1.095	1.043	0.822	0.999	1.152	1.110
PA	1991	1.075	1.043	0.854	0.999	1.166	1.037
RI	1991	1.869	1.043	1.421	0.999	1.217	1.037
SC	1991	1.268	1.043	1.017	0.999	1.152	1.039
SD	1991	1.075	1.043	0.874	0.999	1.134	1.041
TN	1991	1.126	1.043	0.898	0.999	1.176	1.024
TX	1991	0.937	1.043	0.750	0.998	1.146	1.046
UT	1991	1.247	1.043	0.944	0.999	1.130	1.122
VA	1991	1.152	1.043	0.888	0.999	1.161	1.074
VT	1991	1.534	1.043	1.154	0.999	1.168	1.092
WA	1991	1.108	1.043	0.824	0.999	1.175	1.099
WI	1991	1.059	1.043	0.843	0.999	1.164	1.036
WV	1991	1.283	1.043	1.000	0.999	1.137	1.084
WY	1991	1.165	1.043	0.924	0.998	1.062	1.140

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1992	1.192	1.044	1.005	0.999	1.162	0.979
AR	1992	1.209	1.044	0.872	0.999	1.174	1.132
AZ	1992	1.093	1.044	0.953	0.999	1.131	0.973
CA	1992	0.960	1.044	0.683	0.999	1.197	1.126
CO	1992	1.195	1.044	0.906	0.999	1.149	1.100
CT	1992	1.420	1.044	1.104	0.998	1.205	1.023
DE	1992	1.772	1.044	1.357	0.999	1.194	1.048
FL	1992	1.071	1.044	0.874	0.999	1.198	0.981
GA	1992	1.215	1.044	0.973	0.999	1.163	1.030
IA	1992	1.060	1.044	0.770	0.999	1.204	1.097
ID	1992	1.200	1.044	0.937	0.999	1.155	1.063
IL	1992	1.098	1.044	0.839	0.999	1.204	1.042
IN	1992	1.148	1.044	0.875	0.999	1.195	1.052
KS	1992	1.099	1.044	0.869	0.999	1.135	1.069
KY	1992	1.115	1.044	0.881	0.999	1.169	1.039
LA	1992	1.250	1.044	0.996	0.999	1.191	1.011
MA	1992	1.418	1.044	1.063	0.999	1.214	1.054
MD	1992	1.330	1.044	1.046	0.999	1.185	1.028
ME	1992	1.487	1.044	1.146	0.999	1.175	1.058
MI	1992	1.133	1.044	0.858	0.999	1.179	1.075
MN	1992	1.066	1.044	0.813	0.999	1.184	1.062
MO	1992	1.060	1.044	0.852	0.999	1.168	1.021
MS	1992	1.257	1.044	0.956	0.999	1.159	1.088
MT	1992	1.063	1.044	0.836	0.999	1.108	1.101
NC	1992	1.168	1.044	0.872	0.999	1.186	1.084
ND	1992	1.100	1.044	0.830	0.999	1.143	1.112
NE	1992	1.088	1.044	0.834	0.999	1.146	1.091
NH	1992	1.580	1.044	1.230	0.999	1.170	1.052
NJ	1992	1.274	1.044	0.964	0.999	1.202	1.054
NM	1992	1.085	1.044	0.905	0.998	1.108	1.038
NV	1992	1.421	1.044	1.204	0.999	1.101	1.028
NY	1992	1.162	1.044	0.878	0.999	1.164	1.090
OH	1992	1.089	1.044	0.839	0.999	1.183	1.052
OK	1992	1.061	1.044	0.865	0.999	1.131	1.040
OR	1992	1.111	1.044	0.822	0.999	1.167	1.110
PA	1992	1.086	1.044	0.852	0.999	1.168	1.047
RI	1992	1.830	1.044	1.418	0.999	1.205	1.027
SC	1992	1.315	1.044	1.016	0.999	1.164	1.066
SD	1992	1.112	1.044	0.873	0.999	1.143	1.069
TN	1992	1.111	1.044	0.898	0.999	1.165	1.018
TX	1992	0.934	1.044	0.750	0.999	1.139	1.048
UT	1992	1.242	1.044	0.945	0.999	1.125	1.120
VA	1992	1.176	1.044	0.887	0.999	1.179	1.079
VT	1992	1.563	1.044	1.153	0.999	1.166	1.115
WA	1992	1.159	1.044	0.824	0.999	1.197	1.127
WI	1992	1.065	1.044	0.841	0.999	1.168	1.038
WV	1992	1.233	1.044	0.998	0.999	1.132	1.047
WY	1992	1.176	1.044	0.924	0.999	1.074	1.136

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1993	1.233	1.046	1.006	0.999	1.176	0.999
AR	1993	1.226	1.046	0.871	0.999	1.183	1.138
AZ	1993	1.133	1.046	0.954	0.999	1.143	0.996
CA	1993	0.961	1.046	0.682	0.999	1.197	1.128
CO	1993	1.201	1.046	0.906	0.999	1.146	1.107
CT	1993	1.420	1.046	1.105	0.998	1.209	1.018
DE	1993	1.816	1.046	1.357	0.999	1.205	1.063
FL	1993	1.092	1.046	0.874	0.999	1.206	0.992
GA	1993	1.233	1.046	0.973	0.999	1.176	1.031
IA	1993	1.085	1.046	0.768	0.999	1.217	1.111
ID	1993	1.212	1.046	0.938	0.999	1.162	1.064
IL	1993	1.104	1.046	0.840	0.999	1.210	1.041
IN	1993	1.141	1.046	0.876	0.999	1.195	1.044
KS	1993	1.094	1.046	0.869	0.999	1.129	1.068
KY	1993	1.122	1.046	0.881	0.999	1.173	1.040
LA	1993	1.264	1.046	0.997	0.999	1.194	1.017
MA	1993	1.422	1.046	1.063	0.999	1.217	1.053
MD	1993	1.367	1.046	1.047	0.999	1.201	1.041
ME	1993	1.493	1.046	1.147	0.999	1.179	1.056
MI	1993	1.147	1.046	0.859	0.999	1.188	1.076
MN	1993	1.067	1.046	0.814	0.999	1.191	1.054
MO	1993	1.074	1.046	0.853	0.999	1.190	1.013
MS	1993	1.261	1.046	0.957	0.999	1.179	1.070
MT	1993	1.089	1.046	0.836	0.999	1.113	1.121
NC	1993	1.199	1.046	0.872	0.999	1.200	1.097
ND	1993	1.105	1.046	0.829	0.999	1.150	1.111
NE	1993	1.120	1.046	0.835	0.999	1.149	1.118
NH	1993	1.644	1.046	1.231	0.999	1.187	1.077
NJ	1993	1.292	1.046	0.964	0.999	1.204	1.066
NM	1993	1.085	1.046	0.905	0.999	1.100	1.044
NV	1993	1.437	1.046	1.204	0.999	1.110	1.029
NY	1993	1.152	1.046	0.879	0.999	1.167	1.075
OH	1993	1.087	1.046	0.840	0.999	1.185	1.045
OK	1993	1.061	1.046	0.866	0.999	1.128	1.040
OR	1993	1.126	1.046	0.820	0.999	1.169	1.124
PA	1993	1.095	1.046	0.853	0.999	1.185	1.037
RI	1993	1.826	1.046	1.419	0.999	1.210	1.018
SC	1993	1.329	1.046	1.016	0.999	1.171	1.069
SD	1993	1.115	1.046	0.874	0.999	1.139	1.072
TN	1993	1.134	1.046	0.898	0.999	1.182	1.022
TX	1993	0.935	1.046	0.751	0.999	1.141	1.046
UT	1993	1.284	1.046	0.944	0.999	1.152	1.131
VA	1993	1.208	1.046	0.887	0.999	1.181	1.104
VT	1993	1.564	1.046	1.153	0.999	1.172	1.108
WA	1993	1.151	1.046	0.822	0.999	1.189	1.127
WI	1993	1.071	1.046	0.842	0.999	1.175	1.037
WV	1993	1.245	1.046	0.999	0.999	1.141	1.046
WY	1993	1.173	1.046	0.925	0.999	1.068	1.138

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1994	1.295	1.047	1.006	0.999	1.192	1.033
AR	1994	1.240	1.047	0.871	0.999	1.183	1.149
AZ	1994	1.119	1.047	0.954	0.999	1.143	0.982
CA	1994	0.956	1.047	0.683	0.999	1.191	1.124
CO	1994	1.209	1.047	0.907	0.999	1.164	1.095
CT	1994	1.405	1.047	1.105	0.998	1.201	1.013
DE	1994	1.770	1.047	1.357	0.999	1.186	1.052
FL	1994	1.088	1.047	0.874	0.999	1.200	0.992
GA	1994	1.234	1.047	0.973	0.999	1.170	1.036
IA	1994	1.082	1.047	0.769	0.999	1.210	1.112
ID	1994	1.225	1.047	0.939	0.999	1.177	1.060
IL	1994	1.096	1.047	0.841	0.999	1.214	1.026
IN	1994	1.163	1.047	0.877	0.999	1.202	1.053
KS	1994	1.101	1.047	0.870	0.999	1.163	1.041
KY	1994	1.132	1.047	0.882	0.999	1.184	1.037
LA	1994	1.299	1.047	0.996	0.999	1.218	1.023
MA	1994	1.408	1.047	1.062	0.999	1.210	1.048
MD	1994	1.385	1.047	1.047	0.999	1.203	1.052
ME	1994	1.479	1.047	1.147	0.999	1.174	1.050
MI	1994	1.157	1.047	0.860	0.999	1.181	1.090
MN	1994	1.078	1.047	0.816	0.999	1.188	1.063
MO	1994	1.072	1.047	0.853	0.999	1.176	1.021
MS	1994	1.276	1.047	0.958	0.999	1.175	1.083
MT	1994	1.087	1.047	0.838	0.998	1.128	1.100
NC	1994	1.201	1.047	0.874	0.999	1.199	1.096
ND	1994	1.118	1.047	0.829	0.999	1.159	1.112
NE	1994	1.087	1.047	0.834	0.999	1.159	1.075
NH	1994	1.630	1.047	1.231	0.999	1.181	1.072
NJ	1994	1.257	1.047	0.963	0.999	1.178	1.060
NM	1994	1.104	1.047	0.905	0.999	1.117	1.044
NV	1994	1.469	1.047	1.204	0.998	1.131	1.032
NY	1994	1.163	1.047	0.881	0.999	1.164	1.085
OH	1994	1.090	1.047	0.841	0.999	1.184	1.047
OK	1994	1.075	1.047	0.865	0.999	1.132	1.049
OR	1994	1.102	1.047	0.821	0.999	1.170	1.097
PA	1994	1.112	1.047	0.853	0.999	1.186	1.051
RI	1994	1.797	1.047	1.419	0.999	1.199	1.010
SC	1994	1.377	1.047	1.016	0.999	1.187	1.092
SD	1994	1.104	1.047	0.876	0.999	1.149	1.048
TN	1994	1.163	1.047	0.899	0.999	1.211	1.022
TX	1994	0.932	1.047	0.750	0.999	1.137	1.045
UT	1994	1.263	1.047	0.944	0.999	1.144	1.118
VA	1994	1.211	1.047	0.888	0.999	1.188	1.098
VT	1994	1.548	1.047	1.153	0.999	1.170	1.097
WA	1994	1.125	1.047	0.823	0.999	1.182	1.106
WI	1994	1.070	1.047	0.842	0.999	1.175	1.034
WV	1994	1.278	1.047	1.000	0.999	1.140	1.072
WY	1994	1.162	1.047	0.927	0.998	1.089	1.101

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1995	1.275	1.049	1.005	0.999	1.190	1.018
AR	1995	1.184	1.049	0.872	0.999	1.173	1.106
AZ	1995	1.095	1.049	0.954	0.999	1.141	0.961
CA	1995	0.950	1.049	0.683	0.999	1.196	1.111
CO	1995	1.213	1.049	0.906	0.999	1.184	1.080
CT	1995	1.431	1.049	1.105	0.998	1.201	1.031
DE	1995	1.795	1.049	1.356	0.999	1.208	1.046
FL	1995	1.102	1.049	0.874	0.999	1.208	0.997
GA	1995	1.252	1.049	0.973	0.999	1.177	1.044
IA	1995	1.055	1.049	0.768	0.999	1.183	1.108
ID	1995	1.209	1.049	0.939	0.999	1.172	1.048
IL	1995	1.082	1.049	0.841	0.999	1.204	1.020
IN	1995	1.159	1.049	0.878	0.999	1.216	1.036
KS	1995	1.074	1.049	0.869	0.999	1.154	1.023
KY	1995	1.128	1.049	0.882	0.999	1.187	1.029
LA	1995	1.267	1.049	0.996	0.999	1.193	1.018
MA	1995	1.463	1.049	1.063	0.999	1.223	1.075
MD	1995	1.373	1.049	1.046	0.999	1.206	1.040
ME	1995	1.483	1.049	1.147	0.999	1.193	1.036
MI	1995	1.137	1.049	0.859	0.999	1.165	1.084
MN	1995	1.084	1.049	0.816	0.999	1.185	1.071
MO	1995	1.045	1.049	0.853	0.999	1.162	1.007
MS	1995	1.261	1.049	0.958	0.999	1.165	1.078
MT	1995	1.109	1.049	0.838	0.999	1.125	1.123
NC	1995	1.190	1.049	0.874	0.999	1.201	1.083
ND	1995	1.122	1.049	0.828	0.999	1.159	1.116
NE	1995	1.089	1.049	0.834	0.999	1.166	1.069
NH	1995	1.524	1.049	1.231	0.999	1.186	0.998
NJ	1995	1.266	1.049	0.962	0.999	1.190	1.056
NM	1995	1.140	1.049	0.904	0.999	1.126	1.070
NV	1995	1.455	1.049	1.204	0.998	1.147	1.007
NY	1995	1.155	1.049	0.882	0.999	1.168	1.071
OH	1995	1.065	1.049	0.840	0.999	1.180	1.026
OK	1995	1.057	1.049	0.865	0.999	1.148	1.017
OR	1995	1.081	1.049	0.820	0.999	1.170	1.076
PA	1995	1.118	1.049	0.852	0.999	1.189	1.053
RI	1995	1.909	1.049	1.419	0.999	1.225	1.049
SC	1995	1.327	1.049	1.016	0.999	1.161	1.074
SD	1995	1.091	1.049	0.877	0.999	1.145	1.038
TN	1995	1.137	1.049	0.898	0.999	1.196	1.010
TX	1995	0.934	1.049	0.750	0.999	1.157	1.028
UT	1995	1.269	1.049	0.943	0.999	1.173	1.096
VA	1995	1.167	1.049	0.887	0.999	1.180	1.065
VT	1995	1.426	1.049	1.152	0.999	1.175	1.006
WA	1995	1.151	1.049	0.822	0.999	1.200	1.115
WI	1995	1.070	1.049	0.841	0.999	1.173	1.035
WV	1995	1.286	1.049	1.001	0.999	1.163	1.056
WY	1995	1.174	1.049	0.926	0.998	1.110	1.091

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1996	1.310	1.050	1.005	0.999	1.219	1.020
AR	1996	1.201	1.050	0.872	0.999	1.176	1.117
AZ	1996	1.117	1.050	0.954	0.998	1.147	0.973
CA	1996	0.940	1.050	0.682	0.999	1.199	1.096
CO	1996	1.194	1.050	0.907	0.999	1.166	1.077
CT	1996	1.449	1.050	1.104	0.999	1.204	1.040
DE	1996	1.838	1.050	1.356	0.999	1.224	1.057
FL	1996	1.113	1.050	0.873	0.999	1.217	0.999
GA	1996	1.253	1.050	0.973	0.999	1.176	1.045
IA	1996	1.079	1.050	0.769	0.999	1.207	1.108
ID	1996	1.225	1.050	0.938	0.999	1.176	1.059
IL	1996	1.102	1.050	0.840	0.999	1.215	1.030
IN	1996	1.159	1.050	0.877	0.999	1.202	1.048
KS	1996	1.087	1.050	0.870	0.999	1.151	1.035
KY	1996	1.126	1.050	0.881	0.999	1.192	1.023
LA	1996	1.302	1.050	0.995	0.999	1.200	1.039
MA	1996	1.489	1.050	1.061	0.999	1.228	1.090
MD	1996	1.385	1.050	1.045	0.999	1.202	1.051
ME	1996	1.513	1.050	1.146	0.999	1.208	1.042
MI	1996	1.162	1.050	0.858	0.999	1.210	1.068
MN	1996	1.080	1.050	0.815	0.999	1.189	1.063
MO	1996	1.044	1.050	0.852	0.999	1.167	1.000
MS	1996	1.249	1.050	0.958	0.999	1.169	1.063
MT	1996	1.086	1.050	0.839	0.999	1.138	1.085
NC	1996	1.195	1.050	0.874	0.999	1.203	1.083
ND	1996	1.083	1.050	0.829	0.999	1.143	1.090
NE	1996	1.075	1.050	0.833	0.999	1.161	1.060
NH	1996	1.551	1.050	1.230	0.999	1.191	1.010
NJ	1996	1.298	1.050	0.962	0.999	1.192	1.079
NM	1996	1.157	1.050	0.903	0.999	1.126	1.085
NV	1996	1.475	1.050	1.203	0.999	1.147	1.019
NY	1996	1.149	1.050	0.882	0.999	1.172	1.060
OH	1996	1.064	1.050	0.839	0.999	1.197	1.010
OK	1996	1.044	1.050	0.865	0.999	1.141	1.008
OR	1996	1.058	1.050	0.821	0.999	1.178	1.044
PA	1996	1.105	1.050	0.851	0.999	1.191	1.040
RI	1996	1.939	1.050	1.418	0.999	1.229	1.061
SC	1996	1.351	1.050	1.016	0.999	1.203	1.054
SD	1996	1.091	1.050	0.877	0.999	1.143	1.038
TN	1996	1.144	1.050	0.898	0.999	1.206	1.007
TX	1996	0.911	1.050	0.750	0.999	1.145	1.011
UT	1996	1.255	1.050	0.944	0.999	1.173	1.081
VA	1996	1.178	1.050	0.885	0.999	1.201	1.057
VT	1996	1.451	1.050	1.152	0.999	1.179	1.019
WA	1996	1.121	1.050	0.822	0.999	1.197	1.086
WI	1996	1.085	1.050	0.840	0.999	1.176	1.046
WV	1996	1.253	1.050	0.999	0.999	1.181	1.013
WY	1996	1.158	1.050	0.927	0.999	1.088	1.095

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1997	1.285	1.052	1.005	0.999	1.212	1.004
AR	1997	1.209	1.052	0.872	0.999	1.166	1.132
AZ	1997	1.149	1.052	0.955	0.999	1.156	0.991
CA	1997	0.957	1.052	0.682	0.999	1.202	1.112
CO	1997	1.190	1.052	0.907	0.999	1.166	1.072
CT	1997	1.435	1.052	1.104	0.999	1.218	1.016
DE	1997	1.770	1.052	1.357	0.999	1.228	1.012
FL	1997	1.103	1.052	0.874	0.999	1.213	0.991
GA	1997	1.247	1.052	0.974	0.999	1.186	1.028
IA	1997	1.087	1.052	0.769	0.999	1.210	1.113
ID	1997	1.264	1.052	0.939	0.999	1.199	1.069
IL	1997	1.088	1.052	0.840	0.999	1.209	1.019
IN	1997	1.173	1.052	0.879	0.999	1.203	1.057
KS	1997	1.106	1.052	0.871	0.999	1.149	1.053
KY	1997	1.118	1.052	0.882	0.999	1.193	1.013
LA	1997	1.269	1.052	0.996	0.999	1.210	1.003
MA	1997	1.481	1.052	1.060	0.998	1.242	1.071
MD	1997	1.375	1.052	1.045	0.999	1.190	1.052
ME	1997	1.457	1.052	1.146	0.999	1.194	1.014
MI	1997	1.147	1.052	0.858	0.999	1.195	1.064
MN	1997	1.089	1.052	0.817	0.999	1.202	1.056
MO	1997	1.058	1.052	0.853	0.999	1.186	0.996
MS	1997	1.237	1.052	0.959	0.999	1.176	1.045
MT	1997	1.068	1.052	0.839	0.999	1.143	1.060
NC	1997	1.196	1.052	0.875	0.999	1.206	1.079
ND	1997	1.123	1.052	0.829	0.999	1.181	1.092
NE	1997	1.081	1.052	0.833	0.999	1.169	1.057
NH	1997	1.516	1.052	1.231	0.999	1.211	0.968
NJ	1997	1.264	1.052	0.962	0.999	1.194	1.049
NM	1997	1.098	1.052	0.903	0.999	1.131	1.023
NV	1997	1.552	1.052	1.205	0.999	1.159	1.058
NY	1997	1.166	1.052	0.882	0.999	1.178	1.068
OH	1997	1.063	1.052	0.839	0.999	1.201	1.004
OK	1997	1.053	1.052	0.866	0.999	1.137	1.018
OR	1997	1.093	1.052	0.821	0.999	1.182	1.073
PA	1997	1.080	1.052	0.852	0.999	1.187	1.017
RI	1997	1.880	1.052	1.418	0.998	1.241	1.017
SC	1997	1.288	1.052	1.017	0.999	1.185	1.017
SD	1997	1.100	1.052	0.878	0.999	1.145	1.042
TN	1997	1.142	1.052	0.899	0.999	1.198	1.010
TX	1997	0.927	1.052	0.750	0.999	1.157	1.018
UT	1997	1.276	1.052	0.944	0.999	1.169	1.101
VA	1997	1.208	1.052	0.885	0.999	1.202	1.081
VT	1997	1.415	1.052	1.153	0.999	1.186	0.986
WA	1997	1.135	1.052	0.823	0.999	1.208	1.088
WI	1997	1.093	1.052	0.841	0.999	1.189	1.042
WV	1997	1.278	1.052	1.000	0.999	1.164	1.045
WY	1997	1.170	1.052	0.927	0.999	1.093	1.099

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1998	1.284	1.053	1.006	0.999	1.210	1.003
AR	1998	1.230	1.053	0.871	0.999	1.190	1.129
AZ	1998	1.143	1.053	0.956	0.999	1.150	0.990
CA	1998	0.929	1.053	0.681	0.999	1.194	1.087
CO	1998	1.201	1.053	0.907	0.999	1.182	1.066
CT	1998	1.429	1.053	1.105	0.999	1.224	1.004
DE	1998	1.839	1.053	1.358	0.999	1.234	1.043
FL	1998	1.107	1.053	0.873	0.999	1.213	0.994
GA	1998	1.263	1.053	0.975	0.999	1.199	1.028
IA	1998	1.114	1.053	0.769	0.999	1.231	1.119
ID	1998	1.252	1.053	0.941	0.999	1.193	1.060
IL	1998	1.116	1.053	0.842	0.999	1.235	1.020
IN	1998	1.183	1.053	0.882	0.999	1.224	1.042
KS	1998	1.097	1.053	0.872	0.999	1.170	1.023
KY	1998	1.142	1.053	0.883	0.999	1.205	1.020
LA	1998	1.276	1.053	0.996	0.999	1.217	1.001
MA	1998	1.470	1.053	1.061	0.998	1.248	1.056
MD	1998	1.399	1.053	1.047	0.999	1.211	1.050
ME	1998	1.449	1.053	1.147	0.999	1.197	1.003
MI	1998	1.162	1.053	0.861	0.999	1.202	1.066
MN	1998	1.106	1.053	0.819	0.999	1.223	1.050
MO	1998	1.083	1.053	0.853	0.999	1.222	0.988
MS	1998	1.275	1.053	0.961	0.999	1.186	1.064
MT	1998	1.101	1.053	0.840	0.999	1.134	1.099
NC	1998	1.233	1.053	0.876	0.999	1.227	1.090
ND	1998	1.133	1.053	0.829	0.999	1.179	1.102
NE	1998	1.087	1.053	0.834	0.999	1.194	1.038
NH	1998	1.496	1.053	1.232	0.999	1.212	0.953
NJ	1998	1.312	1.053	0.961	0.999	1.208	1.075
NM	1998	1.120	1.053	0.905	0.999	1.139	1.034
NV	1998	1.561	1.053	1.206	0.999	1.161	1.060
NY	1998	1.166	1.053	0.884	0.999	1.180	1.063
OH	1998	1.115	1.053	0.841	0.999	1.221	1.032
OK	1998	1.042	1.053	0.867	0.999	1.144	1.000
OR	1998	1.130	1.053	0.821	0.999	1.192	1.097
PA	1998	1.091	1.053	0.853	0.999	1.206	1.008
RI	1998	1.873	1.053	1.419	0.999	1.245	1.008
SC	1998	1.319	1.053	1.018	0.999	1.183	1.042
SD	1998	1.117	1.053	0.880	0.999	1.146	1.053
TN	1998	1.189	1.053	0.900	0.999	1.223	1.027
TX	1998	0.924	1.053	0.750	0.999	1.160	1.010
UT	1998	1.278	1.053	0.943	0.999	1.164	1.106
VA	1998	1.222	1.053	0.887	0.999	1.213	1.080
VT	1998	1.403	1.053	1.155	0.999	1.190	0.971
WA	1998	1.147	1.053	0.823	0.999	1.212	1.093
WI	1998	1.100	1.053	0.843	0.999	1.225	1.013
WV	1998	1.304	1.053	1.003	0.999	1.160	1.065
WY	1998	1.206	1.053	0.928	0.998	1.103	1.121

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	1999	1.277	1.055	1.005	0.999	1.206	1.000
AR	1999	1.216	1.055	0.872	0.999	1.203	1.101
AZ	1999	1.166	1.055	0.955	0.999	1.159	1.001
CA	1999	0.923	1.055	0.681	0.999	1.200	1.072
CO	1999	1.197	1.055	0.908	0.999	1.187	1.055
CT	1999	1.439	1.055	1.107	0.999	1.229	1.004
DE	1999	1.807	1.055	1.359	0.999	1.231	1.026
FL	1999	1.096	1.055	0.872	0.999	1.213	0.984
GA	1999	1.269	1.055	0.973	0.999	1.209	1.024
IA	1999	1.103	1.055	0.770	0.999	1.247	1.091
ID	1999	1.226	1.055	0.943	0.999	1.198	1.030
IL	1999	1.111	1.055	0.844	0.999	1.232	1.014
IN	1999	1.175	1.055	0.886	0.999	1.227	1.026
KS	1999	1.104	1.055	0.872	0.999	1.165	1.032
KY	1999	1.142	1.055	0.884	0.999	1.197	1.025
LA	1999	1.280	1.055	0.995	0.999	1.222	1.000
MA	1999	1.475	1.055	1.062	0.998	1.253	1.052
MD	1999	1.378	1.055	1.047	0.999	1.206	1.036
ME	1999	1.460	1.055	1.150	0.999	1.204	1.001
MI	1999	1.157	1.055	0.865	0.999	1.209	1.050
MN	1999	1.107	1.055	0.824	0.999	1.214	1.050
MO	1999	1.076	1.055	0.852	0.999	1.228	0.976
MS	1999	1.275	1.055	0.962	0.999	1.204	1.045
MT	1999	1.088	1.055	0.842	0.999	1.159	1.059
NC	1999	1.228	1.055	0.878	0.999	1.239	1.071
ND	1999	1.123	1.055	0.829	0.999	1.192	1.079
NE	1999	1.080	1.055	0.836	0.999	1.184	1.037
NH	1999	1.507	1.055	1.234	0.998	1.217	0.954
NJ	1999	1.293	1.055	0.961	0.999	1.195	1.070
NM	1999	1.107	1.055	0.908	0.999	1.137	1.018
NV	1999	1.564	1.055	1.206	0.999	1.171	1.052
NY	1999	1.195	1.055	0.888	0.999	1.177	1.085
OH	1999	1.111	1.055	0.844	0.999	1.230	1.017
OK	1999	1.054	1.055	0.866	0.999	1.167	0.990
OR	1999	1.092	1.055	0.821	0.999	1.194	1.058
PA	1999	1.111	1.055	0.856	0.999	1.201	1.027
RI	1999	1.882	1.055	1.420	0.998	1.252	1.006
SC	1999	1.348	1.055	1.017	0.999	1.199	1.050
SD	1999	1.100	1.055	0.883	0.999	1.151	1.027
TN	1999	1.153	1.055	0.900	0.999	1.233	0.987
TX	1999	0.918	1.055	0.749	0.999	1.177	0.989
UT	1999	1.255	1.055	0.944	0.999	1.168	1.081
VA	1999	1.209	1.055	0.889	0.999	1.221	1.058
VT	1999	1.417	1.055	1.156	0.999	1.195	0.974
WA	1999	1.148	1.055	0.822	0.999	1.222	1.085
WI	1999	1.114	1.055	0.845	0.999	1.236	1.012
WV	1999	1.316	1.055	1.010	0.999	1.175	1.053
WY	1999	1.197	1.055	0.931	0.999	1.116	1.095

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	2000	1.282	1.056	1.005	0.999	1.218	0.994
AR	2000	1.194	1.056	0.872	0.999	1.204	1.079
AZ	2000	1.173	1.056	0.954	0.999	1.163	1.002
CA	2000	0.945	1.056	0.682	0.999	1.210	1.086
CO	2000	1.203	1.056	0.908	0.999	1.189	1.057
CT	2000	1.448	1.056	1.105	0.999	1.237	1.005
DE	2000	1.841	1.056	1.358	0.999	1.250	1.029
FL	2000	1.083	1.056	0.873	0.999	1.213	0.970
GA	2000	1.257	1.056	0.973	0.999	1.224	1.001
IA	2000	1.105	1.056	0.770	0.999	1.244	1.094
ID	2000	1.200	1.056	0.942	0.999	1.190	1.015
IL	2000	1.102	1.056	0.843	0.999	1.223	1.013
IN	2000	1.163	1.056	0.886	0.999	1.229	1.013
KS	2000	1.087	1.056	0.872	0.999	1.168	1.012
KY	2000	1.145	1.056	0.882	0.999	1.196	1.029
LA	2000	1.280	1.056	0.994	0.999	1.223	0.998
MA	2000	1.492	1.056	1.061	0.999	1.263	1.056
MD	2000	1.399	1.056	1.047	0.999	1.228	1.032
ME	2000	1.465	1.056	1.147	0.999	1.210	1.001
MI	2000	1.157	1.056	0.864	0.999	1.219	1.042
MN	2000	1.114	1.056	0.825	0.999	1.231	1.040
MO	2000	1.072	1.056	0.852	0.999	1.213	0.984
MS	2000	1.262	1.056	0.961	0.999	1.201	1.036
MT	2000	1.080	1.056	0.843	0.999	1.155	1.052
NC	2000	1.235	1.056	0.878	0.999	1.234	1.080
ND	2000	1.123	1.056	0.830	0.999	1.176	1.091
NE	2000	1.120	1.056	0.834	0.999	1.195	1.065
NH	2000	1.525	1.056	1.232	0.998	1.223	0.960
NJ	2000	1.286	1.056	0.961	0.999	1.200	1.057
NM	2000	1.121	1.056	0.907	0.999	1.134	1.034
NV	2000	1.499	1.056	1.206	0.999	1.158	1.018
NY	2000	1.177	1.056	0.890	0.999	1.182	1.060
OH	2000	1.121	1.056	0.842	0.999	1.223	1.032
OK	2000	1.055	1.056	0.865	0.999	1.149	1.006
OR	2000	1.128	1.056	0.821	0.999	1.206	1.080
PA	2000	1.103	1.056	0.854	0.999	1.197	1.023
RI	2000	1.903	1.056	1.417	0.998	1.259	1.012
SC	2000	1.327	1.056	1.017	0.999	1.200	1.032
SD	2000	1.108	1.056	0.884	0.999	1.176	1.010
TN	2000	1.152	1.056	0.899	0.999	1.228	0.989
TX	2000	0.924	1.056	0.749	0.999	1.168	1.001
UT	2000	1.270	1.056	0.944	0.999	1.187	1.074
VA	2000	1.224	1.056	0.888	0.999	1.231	1.063
VT	2000	1.431	1.056	1.155	0.999	1.201	0.978
WA	2000	1.150	1.056	0.822	0.999	1.224	1.083
WI	2000	1.138	1.056	0.844	0.999	1.252	1.021
WV	2000	1.318	1.056	1.008	0.999	1.215	1.020
WY	2000	1.183	1.056	0.932	0.999	1.123	1.072

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	2001	1.261	1.058	1.004	0.999	1.214	0.980
AR	2001	1.199	1.058	0.872	0.999	1.189	1.095
AZ	2001	1.180	1.058	0.954	0.999	1.163	1.007
CA	2001	0.960	1.058	0.682	0.999	1.210	1.102
CO	2001	1.194	1.058	0.907	0.999	1.179	1.058
CT	2001	1.461	1.058	1.105	0.999	1.238	1.012
DE	2001	1.800	1.058	1.359	0.999	1.226	1.023
FL	2001	1.086	1.058	0.873	0.999	1.219	0.967
GA	2001	1.240	1.058	0.974	0.999	1.216	0.992
IA	2001	1.112	1.058	0.770	0.999	1.242	1.100
ID	2001	1.197	1.058	0.943	0.999	1.182	1.017
IL	2001	1.156	1.058	0.844	0.999	1.240	1.046
IN	2001	1.157	1.058	0.886	0.999	1.210	1.021
KS	2001	1.098	1.058	0.871	0.999	1.172	1.018
KY	2001	1.147	1.058	0.882	0.999	1.211	1.016
LA	2001	1.299	1.058	0.993	0.999	1.227	1.009
MA	2001	1.509	1.058	1.062	0.999	1.262	1.066
MD	2001	1.406	1.058	1.047	0.999	1.222	1.041
ME	2001	1.480	1.058	1.148	0.999	1.206	1.012
MI	2001	1.176	1.058	0.864	0.999	1.225	1.052
MN	2001	1.127	1.058	0.826	0.999	1.232	1.049
MO	2001	1.061	1.058	0.851	0.999	1.220	0.968
MS	2001	1.276	1.058	0.961	0.999	1.212	1.037
MT	2001	1.093	1.058	0.842	0.999	1.154	1.065
NC	2001	1.225	1.058	0.877	0.999	1.242	1.065
ND	2001	1.161	1.058	0.830	0.999	1.189	1.114
NE	2001	1.110	1.058	0.835	0.999	1.190	1.058
NH	2001	1.549	1.058	1.232	0.999	1.218	0.977
NJ	2001	1.276	1.058	0.960	0.999	1.203	1.046
NM	2001	1.110	1.058	0.907	0.999	1.126	1.029
NV	2001	1.483	1.058	1.206	0.998	1.148	1.014
NY	2001	1.184	1.058	0.890	0.999	1.177	1.070
OH	2001	1.107	1.058	0.842	0.999	1.233	1.010
OK	2001	1.040	1.058	0.865	0.999	1.133	1.005
OR	2001	1.102	1.058	0.822	0.999	1.194	1.064
PA	2001	1.097	1.058	0.854	0.999	1.198	1.015
RI	2001	1.930	1.058	1.417	0.998	1.261	1.023
SC	2001	1.319	1.058	1.017	0.999	1.210	1.015
SD	2001	1.112	1.058	0.884	0.999	1.174	1.015
TN	2001	1.139	1.058	0.899	0.999	1.223	0.980
TX	2001	0.912	1.058	0.749	0.999	1.161	0.993
UT	2001	1.247	1.058	0.943	0.999	1.174	1.066
VA	2001	1.206	1.058	0.888	0.999	1.234	1.042
VT	2001	1.453	1.058	1.155	0.999	1.199	0.992
WA	2001	1.144	1.058	0.823	0.999	1.219	1.080
WI	2001	1.142	1.058	0.844	0.999	1.248	1.027
WV	2001	1.284	1.058	1.009	0.999	1.171	1.029
WY	2001	1.175	1.058	0.930	0.998	1.117	1.071

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	2002	1.244	1.059	1.005	0.999	1.205	0.971
AR	2002	1.215	1.059	0.871	0.999	1.201	1.098
AZ	2002	1.212	1.059	0.955	0.998	1.169	1.027
CA	2002	0.943	1.059	0.681	0.999	1.200	1.090
CO	2002	1.244	1.059	0.906	0.999	1.202	1.081
CT	2002	1.480	1.059	1.107	0.999	1.248	1.013
DE	2002	1.838	1.059	1.361	0.999	1.253	1.018
FL	2002	1.096	1.059	0.874	0.999	1.217	0.974
GA	2002	1.252	1.059	0.975	0.999	1.218	0.997
IA	2002	1.123	1.059	0.770	0.999	1.236	1.116
ID	2002	1.217	1.059	0.944	0.999	1.189	1.025
IL	2002	1.157	1.059	0.845	0.999	1.239	1.045
IN	2002	1.177	1.059	0.887	0.999	1.226	1.022
KS	2002	1.101	1.059	0.871	0.999	1.172	1.019
KY	2002	1.174	1.059	0.883	0.999	1.226	1.024
LA	2002	1.291	1.059	0.994	0.999	1.224	1.003
MA	2002	1.527	1.059	1.063	0.998	1.272	1.068
MD	2002	1.381	1.059	1.049	0.999	1.221	1.020
ME	2002	1.496	1.059	1.149	0.999	1.213	1.015
MI	2002	1.186	1.059	0.864	0.999	1.230	1.055
MN	2002	1.135	1.059	0.826	0.999	1.236	1.051
MO	2002	1.061	1.059	0.852	0.999	1.222	0.964
MS	2002	1.289	1.059	0.962	0.999	1.211	1.046
MT	2002	1.103	1.059	0.842	0.998	1.159	1.068
NC	2002	1.239	1.059	0.878	0.999	1.244	1.073
ND	2002	1.151	1.059	0.829	0.999	1.173	1.120
NE	2002	1.115	1.059	0.835	0.999	1.183	1.067
NH	2002	1.567	1.059	1.234	0.998	1.221	0.983
NJ	2002	1.297	1.059	0.959	0.999	1.222	1.046
NM	2002	1.119	1.059	0.908	0.999	1.128	1.033
NV	2002	1.521	1.059	1.208	0.998	1.145	1.039
NY	2002	1.192	1.059	0.892	0.999	1.183	1.068
OH	2002	1.120	1.059	0.844	0.999	1.222	1.027
OK	2002	1.051	1.059	0.865	0.999	1.138	1.010
OR	2002	1.098	1.059	0.821	0.999	1.182	1.071
PA	2002	1.101	1.059	0.856	0.999	1.204	1.010
RI	2002	1.963	1.059	1.418	0.998	1.272	1.029
SC	2002	1.309	1.059	1.018	0.999	1.204	1.010
SD	2002	1.108	1.059	0.884	0.999	1.156	1.026
TN	2002	1.157	1.059	0.900	0.999	1.238	0.982
TX	2002	0.907	1.059	0.749	0.999	1.143	1.002
UT	2002	1.337	1.059	0.942	0.999	1.194	1.124
VA	2002	1.205	1.059	0.889	0.999	1.227	1.045
VT	2002	1.468	1.059	1.158	0.999	1.207	0.993
WA	2002	1.156	1.059	0.823	0.999	1.214	1.094
WI	2002	1.143	1.059	0.845	0.999	1.245	1.027
WV	2002	1.270	1.059	1.009	0.999	1.175	1.013
WY	2002	1.178	1.059	0.929	0.998	1.123	1.069

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	2003	1.314	1.060	1.004	0.999	1.204	1.027
AR	2003	1.227	1.060	0.872	0.999	1.210	1.098
AZ	2003	1.245	1.060	0.954	0.998	1.168	1.055
CA	2003	0.954	1.060	0.682	0.999	1.206	1.096
CO	2003	1.230	1.060	0.904	0.998	1.180	1.089
CT	2003	1.498	1.060	1.103	0.999	1.248	1.028
DE	2003	1.872	1.060	1.357	0.999	1.262	1.032
FL	2003	1.107	1.060	0.873	0.999	1.211	0.989
GA	2003	1.247	1.060	0.974	0.999	1.205	1.004
IA	2003	1.146	1.060	0.771	0.999	1.256	1.117
ID	2003	1.220	1.060	0.942	0.999	1.184	1.033
IL	2003	1.149	1.060	0.842	0.999	1.235	1.043
IN	2003	1.186	1.060	0.885	0.999	1.240	1.020
KS	2003	1.106	1.060	0.870	0.999	1.176	1.020
KY	2003	1.177	1.060	0.881	0.999	1.216	1.037
LA	2003	1.295	1.060	0.993	0.999	1.208	1.019
MA	2003	1.534	1.060	1.061	0.999	1.270	1.075
MD	2003	1.411	1.060	1.046	0.999	1.245	1.024
ME	2003	1.507	1.060	1.145	0.999	1.209	1.027
MI	2003	1.182	1.060	0.861	0.999	1.210	1.071
MN	2003	1.139	1.060	0.823	0.999	1.216	1.074
MO	2003	1.059	1.060	0.851	0.999	1.220	0.964
MS	2003	1.316	1.060	0.960	0.999	1.198	1.081
MT	2003	1.111	1.060	0.842	0.999	1.170	1.065
NC	2003	1.268	1.060	0.875	0.999	1.248	1.096
ND	2003	1.144	1.060	0.829	0.999	1.154	1.130
NE	2003	1.129	1.060	0.832	0.999	1.200	1.068
NH	2003	1.580	1.060	1.230	0.999	1.217	0.997
NJ	2003	1.321	1.060	0.958	0.999	1.219	1.068
NM	2003	1.113	1.060	0.905	0.999	1.106	1.050
NV	2003	1.585	1.060	1.206	0.998	1.151	1.078
NY	2003	1.185	1.060	0.889	0.999	1.174	1.072
OH	2003	1.137	1.060	0.841	0.999	1.222	1.045
OK	2003	1.064	1.060	0.864	0.999	1.144	1.016
OR	2003	1.111	1.060	0.822	0.999	1.185	1.077
PA	2003	1.107	1.060	0.853	0.999	1.199	1.022
RI	2003	1.979	1.060	1.414	0.999	1.266	1.044
SC	2003	1.329	1.060	1.017	0.999	1.210	1.020
SD	2003	1.123	1.060	0.881	0.999	1.149	1.047
TN	2003	1.152	1.060	0.898	0.999	1.226	0.988
TX	2003	0.929	1.060	0.748	0.999	1.165	1.007
UT	2003	1.311	1.060	0.941	0.999	1.178	1.116
VA	2003	1.216	1.060	0.886	0.999	1.238	1.047
VT	2003	1.475	1.060	1.155	0.999	1.203	1.002
WA	2003	1.146	1.060	0.825	0.999	1.210	1.084
WI	2003	1.144	1.060	0.843	0.999	1.240	1.033
WV	2003	1.273	1.060	1.006	0.999	1.179	1.013
WY	2003	1.205	1.060	0.927	0.998	1.129	1.087

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Table A2 (continued).

State	Year	OSMEI	ITI	EEI	EPI	WI	AESNI
AL	2004	1.323	1.062	1.003	0.999	1.207	1.030
AR	2004	1.223	1.062	0.872	0.999	1.198	1.104
AZ	2004	1.246	1.062	0.954	0.999	1.156	1.066
CA	2004	0.962	1.062	0.681	0.999	1.205	1.106
CO	2004	1.243	1.062	0.902	0.998	1.172	1.109
CT	2004	1.504	1.062	1.104	0.998	1.249	1.029
DE	2004	1.876	1.062	1.358	0.999	1.250	1.042
FL	2004	1.107	1.062	0.872	0.999	1.214	0.986
GA	2004	1.259	1.062	0.974	0.999	1.203	1.013
IA	2004	1.160	1.062	0.768	0.999	1.255	1.135
ID	2004	1.218	1.062	0.942	0.999	1.179	1.034
IL	2004	1.145	1.062	0.843	0.999	1.229	1.042
IN	2004	1.187	1.062	0.884	0.999	1.237	1.023
KS	2004	1.101	1.062	0.869	0.999	1.179	1.013
KY	2004	1.182	1.062	0.882	0.999	1.204	1.050
LA	2004	1.316	1.062	0.993	0.999	1.225	1.020
MA	2004	1.551	1.062	1.062	0.998	1.273	1.082
MD	2004	1.403	1.062	1.047	0.999	1.229	1.029
ME	2004	1.514	1.062	1.146	0.998	1.210	1.030
MI	2004	1.164	1.062	0.861	0.999	1.200	1.062
MN	2004	1.156	1.062	0.822	0.999	1.222	1.085
MO	2004	1.057	1.062	0.851	0.999	1.202	0.974
MS	2004	1.323	1.062	0.959	0.999	1.199	1.084
MT	2004	1.087	1.062	0.839	0.998	1.138	1.074
NC	2004	1.283	1.062	0.874	0.999	1.251	1.107
ND	2004	1.132	1.062	0.827	0.999	1.129	1.143
NE	2004	1.130	1.062	0.833	0.999	1.185	1.080
NH	2004	1.595	1.062	1.231	0.998	1.216	1.004
NJ	2004	1.320	1.062	0.958	0.999	1.218	1.067
NM	2004	1.116	1.062	0.906	0.998	1.094	1.062
NV	2004	1.494	1.062	1.207	0.998	1.121	1.042
NY	2004	1.205	1.062	0.886	0.999	1.178	1.089
OH	2004	1.162	1.062	0.841	0.999	1.229	1.059
OK	2004	1.067	1.062	0.864	0.999	1.139	1.022
OR	2004	1.115	1.062	0.820	0.999	1.179	1.087
PA	2004	1.117	1.062	0.854	0.999	1.199	1.029
RI	2004	1.989	1.062	1.415	0.998	1.269	1.045
SC	2004	1.316	1.062	1.017	0.999	1.204	1.013
SD	2004	1.139	1.062	0.879	0.999	1.167	1.047
TN	2004	1.166	1.062	0.899	0.999	1.229	0.996
TX	2004	0.933	1.062	0.748	0.998	1.162	1.012
UT	2004	1.295	1.062	0.939	0.999	1.164	1.118
VA	2004	1.233	1.062	0.886	0.999	1.234	1.063
VT	2004	1.486	1.062	1.156	0.999	1.203	1.008
WA	2004	1.141	1.062	0.823	0.999	1.201	1.089
WI	2004	1.156	1.062	0.844	0.999	1.234	1.046
WV	2004	1.286	1.062	1.005	0.999	1.188	1.015
WY	2004	1.202	1.062	0.924	0.998	1.116	1.100