State Energy Price System: 1982 Update

**K. L. Imhoff
J. M. Fang**

October 1984

**Prepared for the U.S. Department of Energy
under Contract DE-AC06-76RLO 1830**

**Pacific Northwest Laboratory
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Energy Information Administration
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Pacific Northwest Laboratory
Richland, Washington 99352

CONTENTS

SUMMARY.....	ix
1.0 INTRODUCTION.....	1.1
2.0 PHYSICAL UNIT PRICES.....	2.1
3.0 BTU PRICES.....	3.1
4.0 1982 STEPS UPDATE DOCUMENTATION.....	4.1
4.1 ELECTRICITY.....	4.1
4.2 NATURAL GAS.....	4.1
4.3 METALLURGICAL COAL.....	4.2
4.4 STEAM COAL.....	4.3
4.4.1 Residential Sector.....	4.5
4.4.2 Industrial Sector.....	4.6
4.5 DISTILLATE FUEL.....	4.7
4.5.1 Residential Sector.....	4.7
4.5.2 Commercial Sector.....	4.9
4.5.3 Industrial Sector.....	4.10
4.6 MOTOR GASOLINE.....	4.11
4.7 DIESEL FUEL.....	4.11
4.8 KEROSENE/JET FUEL.....	4.12
4.8.1 Residential Sector.....	4.12
4.8.2 Industrial Sector.....	4.19
4.8.3 Transportation Sector.....	4.19
4.8.4 Electric Utility Sector.....	4.20
4.9 RESIDUAL FUEL.....	4.20
4.9.1 Industrial Sector.....	4.21

4.9.2 Transportation Sector.....	4.22
4.10 LIQUEFIED PETROLEUM GAS.....	4.23
4.10.1 Residential Sector.....	4.23
4.10.2 Industrial Sector.....	4.23
REFERENCES.....	R.1
APPENDIX A: CONVERSION FACTORS.....	A.1

TABLES

1.1 STEPS End-Use Sector Coverage by Fuel.....	1.2
1.2 State Abbreviations Used in STEPS.....	1.3
2.1 Electricity Prices: Residential Sector (\$/kWh).....	2.3
2.2 Electricity Prices: Commercial Sector (\$/kWh).....	2.6
2.3 Electricity Prices: Industrial Sector (\$/kWh).....	2.9
2.4 Electricity Prices: Transportation Sector (\$/kWh).....	2.12
2.5 Natural Gas Prices: Residential Sector (\$/1000 cu ft).....	2.15
2.6 Natural Gas Prices: Commercial Sector (\$/1000 cu ft).....	2.18
2.7 Natural Gas Prices: Industrial Sector (\$/1000 cu ft).....	2.21
2.8 Natural Gas Prices: Transportation Sector (\$/1000 cu ft).....	2.24
2.9 Natural Gas Prices: Electric Utility Sector (\$/1000 cu ft).....	2.27
2.10 Metallurgical Coal Prices: Industrial Sector (\$/ton).....	2.30
2.11 Steam Coal Prices: Residential Sector (\$/ton).....	2.32
2.12 Steam Coal Prices: Industrial Sector (\$/ton).....	2.34
2.13 Steam Coal Prices: Electric Utility Sector (\$/ton).....	2.36
2.14 Distillate Fuel Prices: Residential Sector (\$/gallon).....	2.38
2.15 Distillate Fuel Prices: Commercial Sector (\$/gallon).....	2.40
2.16 Distillate Fuel Prices: Industrial Sector (\$/gallon).....	2.42
2.17 Distillate Fuel Prices: Electric Utility Sector (\$/gallon).....	2.44
2.18 Motor Gasoline Prices: Transportation Sector (\$/gallon).....	2.46
2.19 Diesel Fuel Prices: Transportation Sector (\$/gallon).....	2.48
2.20 Kerosene Prices: Residential Sector (\$/gallon).....	2.50
2.21 Kerosene Prices: Industrial Sector (\$/gallon).....	2.52
2.22 Jet Fuel Prices: Transportation Sector (\$/gallon).....	2.54

2.23 Kerosene Prices: Electric Utility Sector (\$/gallon).....	2.56
2.24 Residual Fuel Prices: Commercial Sector (\$/bbl).....	2.58
2.25 Residual Fuel Prices: Industrial Sector (\$/bbl).....	2.60
2.26 Residual Fuel Prices: Transportation Sector (\$/bbl).....	2.62
2.27 Residual Fuel Prices: Electric Utility Sector (\$/bbl).....	2.64
2.28 Liquefied Petroleum Gas Prices: Residential Sector (\$/gallon).....	2.66
2.29 Liquefied Petroleum Gas Prices: Industrial Sector (\$/gallon).....	2.68
3.1 Electricity Prices: Residential Sector (\$/million Btu).....	3.3
3.2 Electricity Prices: Commercial Sector (\$/million Btu).....	3.6
3.3 Electricity Prices: Industrial Sector (\$/million Btu).....	3.9
3.4 Electricity Prices: Transportation Sector (\$/million Btu).....	3.12
3.5 Natural Gas Prices: Residential Sector (\$/million Btu).....	3.15
3.6 Natural Gas Prices: Commercial Sector (\$/million Btu).....	3.18
3.7 Natural Gas Prices: Industrial Sector (\$/million Btu).....	3.21
3.8 Natural Gas Prices: Transportation Sector (\$/million Btu).....	3.24
3.9 Natural Gas Prices: Electric Utility Sector (\$/million Btu).....	3.27
3.10 Metallurgical Coal Prices: Industrial Sector (\$/million Btu).....	3.30
3.11 Steam Coal Prices: Residential Sector (\$/million Btu).....	3.32
3.12 Steam Coal Prices: Industrial Sector (\$/million Btu).....	3.34
3.13 Steam Coal Prices: Electric Utility Sector (\$/million Btu).....	3.36
3.14 Distillate Fuel Prices: Residential Sector (\$/million Btu).....	3.38
3.15 Distillate Fuel Prices: Commercial Sector (\$/million Btu).....	3.40
3.16 Distillate Fuel Prices: Industrial Sector (\$/million Btu).....	3.42
3.17 Distillate Fuel Prices: Electric Utility Sector (\$/million Btu).....	3.44
3.18 Motor Gasoline Prices: Transportation Sector (\$/million Btu).....	3.46

3.19 Diesel Fuel Prices: Transportation Sector (\$/million Btu).....	3.48
3.20 Kerosene Prices: Residential Sector (\$/million Btu).....	3.50
3.21 Kerosene Prices: Industrial Sector (\$/million Btu).....	3.52
3.22 Jet Fuel Prices: Transportation Sector (\$/million Btu).....	3.54
3.23 Kerosene Prices: Electric Utility Sector (\$/million Btu).....	3.56
3.24 Residual Fuel Prices: Commercial Sector (\$/million Btu).....	3.58
3.25 Residual Fuel Prices: Industrial Sector (\$/million Btu).....	3.60
3.26 Residual Fuel Prices: Transportation Sector (\$/million Btu).....	3.62
3.27 Residual Fuel Prices: Electricity Utility Sector (\$/million Btu).....	3.64
3.28 Liquefied Petroleum Gas Prices: Residential Sector (\$/million Btu).....	3.66
3.29 Liquefied Petroleum Gas Prices: Industrial Sector (\$/million Btu).....	3.68
4.1 Revenues and Sales Data Table Numbers in the EEI <u>Statistical Year Book</u> , 1960-1982.....	4.2
4.2 Metallurgical Coal State Price Assignments, 1970-1982.....	4.4
4.3 Estimated Values of c_{xx} for Residential Sector Steam Coal Prices.....	4.5
4.4 Price Assignments for States Missing <u>Cost and Quality</u> Prices, 1981 and 1982.....	4.6
4.5 Residual Fuel Transportation Use List for 1982 Update.....	4.22

SUMMARY

This report updates the State Energy Price Data System (STEPS) to include state-level energy prices by fuel and by end-use sectors through 1982. Both physical unit prices and prices per million Btu are presented. Basic documentation of the STEPS data base remains generally the same as in the original report: State Energy Price System, Volume 1: Overview and Technical Documentation (DOE/NBB-0029, Volume 1 of 2, November 1982). This report documents only the changes in procedures necessitated by the updates to 1981 and 1982, and corrections to the basic documentation. The most significant changes in procedures for the updates occur in the residential sector distillate series and the residential sector kerosene series. All physical unit and Btu prices are shown with three significant digits instead of with four significant digits as shown in the original documentation. Details of these and other changes are contained in this report, along with the updated data files.

1.0 INTRODUCTION

The State Energy Price System (STEPS) is a data base containing annual energy prices by major end-use sectors by state. Published and maintained by the Energy Information Administration (EIA), STEPS serves three primary uses: 1) support for the EIA's regional energy analysis effort; 2) to update, with the consumption data from the EIA's State Energy Data System (SEDS), the State Price and Expenditure Report (SEPER); and 3) to provide for policy development and the general information needs of all levels of government and the public. The original STEPS series covered the period 1960 to 1980 for electricity and natural gas, and 1970 to 1980 for all other fuels.^(a) Subsequently, the STEPS series were updated to include data for 1981 and an update report was issued to document changes in the original STEPS procedures needed for the update.^(b) This report updates the price series to 1982, and contains documentation changes that occurred in both the 1981 and 1982 updates.

STEPS contains estimates of energy prices for ten major fuels (electricity, natural gas, metallurgical coal, steam coal, distillate, motor gasoline, diesel, kerosene/jet fuel, residual fuel, and liquefied petroleum gas), by major end-use sectors (residential, commercial, industrial, transportation, and electric utility), and by state. Table 1.1 shows the sectors covered for each of the fuels. Both physical unit prices and prices per million Btu are included in STEPS.

The price estimates in STEPS are based on a variety of data sources and estimation procedures as needed to fill gaps in the data. Detailed documentation for STEPS can be found in State Energy Price System, Volume 1: Overview and Technical Documentation. The documentation in Chapter 4.0 of this report supplements and, where appropriate, updates the basic STEPS documentation, referring directly to the equation numbers contained in the original

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- (a) Energy Information Administration, U.S. Department of Energy. 1982. State Energy Price System, DOE/NBB-0029. Volumes 1 and 2. Washington, D.C.
 - (b) Fang, J. M., K. L. Imhoff, and L. J. Hood. 1983. State Energy Price System: 1981 Update, PNL-4802, Pacific Northwest Laboratory, Richland, Washington.

TABLE 1.1. STEPS End-Use Sector Coverage by Fuel

<u>Fuel</u>	<u>Residential</u>	<u>Commercial</u>	<u>Industrial</u>	<u>Transportation</u>	<u>Electric Utility</u>
Electricity	*	*	*	*	--
Natural Gas	*	*	*	*	*
Metallurgical Coal	--	--	*	--	--
Steam Coal	*	--	*	--	*
Distillate	*	*	*	--	*
Motor Gasoline	--	--	--	*	--
Diesel	--	--	--	*	--
Kerosene/Jet Fuel	*	--	*	*	*
Residual Oil	--	*	*	*	*
LPG	*	--	*	--	--

Note: "*" = contained in STEPS; "--" not contained in STEPS.

Source: Pacific Northwest Laboratory.

documentation where necessary. This report should be regarded as a supplement to the STEPS documentation and not as a complete documentation, as it contains only the procedures that changed for the 1981 and 1982 updates from those given in State Energy Price System, Volume 1.

Chapter 2.0 of this report contains the updated physical unit price data base, while Chapter 3.0 contains the updated Btu price data base. All of the prices in these two chapters are shown with three significant digits rather than the four significant digits given in the original documentation. Table 1.2 gives the state code abbreviations used in the data base tables found in these two chapters. Chapter 4.0 first provides a brief summary of the major changes in the STEPS data base for 1981 and 1982, then specific changes are discussed on a fuel-by-fuel basis for all ten of the fuels contained in the data base. Appendix A presents the Btu conversion factors used for 1981 and 1982.

TABLE 1.2. State Abbreviations Used in STEPS

<u>State</u>	<u>Code</u>	<u>State</u>	<u>Code</u>
Alaska	AK	Montana	MT
Alabama	AL	North Carolina	NC
Arkansas	AR	North Dakota	ND
Arizona	AZ	Nebraska	NE
California	CA	New Hampshire	NH
Colorado	CO	New Jersey	NJ
Connecticut	CT	New Mexico	NM
District of Columbia	DC	Nevada	NV
Delaware	DE	New York	NY
Florida	FL	Ohio	OH
Georgia	GA	Oklahoma	OK
Hawaii	HI	Oregon	OR
Iowa	IA	Pennsylvania	PA
Idaho	ID	Rhode Island	RI
Illinois	IL	South Carolina	SC
Indiana	IN	South Dakota	SD
Kansas	KS	Tennessee	TN
Kentucky	KY	Texas	TX
Louisiana	LA	Utah	UT
Massachusetts	MA	Virginia	VA
Maryland	MD	Vermont	VT
Maine	ME	Washington	WA
Michigan	MI	Wisconsin	WI
Minnesota	MN	West Virginia	WV
Missouri	MO	Wyoming	WY
Mississippi	MS	United States	US

Source: Pacific Northwest Laboratory

2.0 PHYSICAL UNIT PRICES

This chapter presents the updated state-level physical unit energy prices in nominal dollars per common physical unit of the fuel concerned. The periods covered are 1960 through 1982 for electricity and natural gas, and 1970 through 1982 for metallurgical coal, steam coal, distillate, motor gasoline, diesel, kerosene/jet fuel, residual oil, and LPG. Please refer to Chapter 4.0 of State Energy Price System, Volume 1: Overview and Technical Documentation (DOE/NBB-0029) for basic documentation of data sources and estimation procedures. Also refer to Chapter 4.0 of this report for all the procedural changes necessitated by the updates to include data for 1981 and 1982, and for the corrections made to the original STEPS documentation. Note that where Btu prices were converted into physical prices, the changes are made to the Btu data, then the physical prices are recalculated. Conversion factors used for the updates are found in Appendix A.

TABLE 2.1. Electricity Prices: Residential Sector (\$/kWh)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1960	0.043	0.016	0.032	0.025	0.025	0.027	0.029	0.029	0.029
1961	0.044	0.016	0.031	0.026	0.025	0.028	0.028	0.028	0.029
1962	0.041	0.016	0.031	0.026	0.025	0.028	0.029	0.028	0.028
1963	0.037	0.015	0.029	0.025	0.024	0.028	0.028	0.027	0.027
1964	0.035	0.015	0.027	0.024	0.023	0.027	0.027	0.026	0.027
1965	0.035	0.015	0.026	0.024	0.022	0.027	0.026	0.025	0.026
1966	0.035	0.014	0.025	0.023	0.022	0.027	0.026	0.024	0.025
1967	0.034	0.014	0.025	0.023	0.021	0.026	0.025	0.024	0.025
1968	0.034	0.014	0.024	0.023	0.021	0.026	0.024	0.023	0.025
1969	0.031	0.014	0.023	0.022	0.021	0.026	0.024	0.022	0.025
1970	0.030	0.015	0.022	0.023	0.021	0.025	0.023	0.023	0.024
1971	0.030	0.016	0.022	0.022	0.022	0.025	0.025	0.025	0.026
1972	0.033	0.017	0.023	0.024	0.023	0.026	0.028	0.026	0.030
1973	0.031	0.018	0.023	0.025	0.025	0.026	0.030	0.027	0.031
1974	0.031	0.021	0.026	0.029	0.031	0.028	0.040	0.036	0.041
1975	0.032	0.025	0.029	0.036	0.033	0.031	0.045	0.039	0.043
1976	0.034	0.028	0.034	0.039	0.035	0.033	0.045	0.041	0.045
1977	0.039	0.033	0.038	0.045	0.040	0.034	0.046	0.043	0.052
1978	0.042	0.034	0.040	0.048	0.042	0.036	0.047	0.048	0.053
1979	0.043	0.039	0.041	0.053	0.042	0.040	0.054	0.049	0.058
1980	0.043	0.045	0.045	0.058	0.056	0.045	0.066	0.055	0.066
1981	0.056	0.053	0.059	0.065	0.061	0.055	0.082	0.063	0.081
1982	0.066	0.060	0.061	0.072	0.072	0.062	0.089	0.068	0.090

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1960	0.027	0.020	0.028	0.029	0.016	0.030	0.026	0.029	0.024
1961	0.026	0.019	0.028	0.029	0.017	0.029	0.025	0.028	0.024
1962	0.025	0.020	0.029	0.028	0.016	0.029	0.025	0.027	0.023
1963	0.024	0.019	0.028	0.028	0.017	0.028	0.025	0.027	0.022
1964	0.023	0.019	0.028	0.028	0.017	0.028	0.024	0.026	0.021
1965	0.023	0.018	0.028	0.027	0.017	0.027	0.023	0.025	0.021
1966	0.022	0.017	0.027	0.027	0.017	0.027	0.023	0.025	0.021
1967	0.022	0.017	0.027	0.026	0.016	0.026	0.022	0.025	0.020
1968	0.021	0.017	0.027	0.026	0.016	0.026	0.022	0.024	0.019
1969	0.020	0.017	0.027	0.025	0.016	0.026	0.022	0.024	0.019
1970	0.020	0.017	0.027	0.025	0.016	0.026	0.021	0.023	0.019
1971	0.020	0.018	0.028	0.026	0.016	0.027	0.021	0.024	0.017
1972	0.021	0.019	0.028	0.027	0.016	0.028	0.023	0.024	0.018
1973	0.022	0.020	0.031	0.027	0.016	0.029	0.023	0.023	0.020
1974	0.028	0.023	0.035	0.029	0.016	0.032	0.024	0.025	0.022
1975	0.034	0.028	0.046	0.033	0.016	0.036	0.027	0.029	0.024
1976	0.037	0.029	0.048	0.036	0.018	0.039	0.030	0.032	0.026
1977	0.039	0.034	0.052	0.040	0.020	0.041	0.034	0.037	0.029
1978	0.041	0.038	0.059	0.042	0.021	0.046	0.039	0.040	0.032
1979	0.045	0.040	0.063	0.046	0.023	0.049	0.041	0.043	0.035
1980	0.053	0.044	0.077	0.049	0.027	0.057	0.043	0.049	0.037
1981	0.069	0.048	0.115	0.060	0.030	0.066	0.050	0.056	0.049
1982	0.071	0.057	0.124	0.064	0.031	0.074	0.056	0.065	0.053

TABLE 2.1 (cont). Electricity Prices: Residential Sector (\$/kWh)

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1960	0.026	0.035	0.029	0.031	0.026	0.029	0.029	0.021	0.023
1961	0.026	0.033	0.028	0.031	0.025	0.029	0.029	0.022	0.023
1962	0.026	0.033	0.028	0.031	0.025	0.027	0.028	0.022	0.023
1963	0.025	0.033	0.027	0.031	0.025	0.027	0.028	0.020	0.022
1964	0.024	0.033	0.026	0.031	0.025	0.026	0.027	0.019	0.021
1965	0.024	0.032	0.025	0.030	0.024	0.025	0.027	0.019	0.021
1966	0.023	0.031	0.024	0.030	0.024	0.024	0.026	0.018	0.021
1967	0.023	0.030	0.024	0.029	0.023	0.024	0.026	0.018	0.020
1968	0.022	0.029	0.023	0.028	0.023	0.024	0.025	0.017	0.020
1969	0.022	0.028	0.022	0.027	0.022	0.024	0.025	0.017	0.021
1970	0.021	0.028	0.023	0.026	0.023	0.024	0.026	0.016	0.021
1971	0.021	0.030	0.025	0.026	0.023	0.024	0.025	0.018	0.021
1972	0.022	0.031	0.026	0.027	0.024	0.025	0.026	0.020	0.022
1973	0.022	0.032	0.027	0.028	0.025	0.025	0.026	0.019	0.022
1974	0.025	0.043	0.036	0.031	0.030	0.028	0.029	0.023	0.022
1975	0.025	0.048	0.039	0.036	0.035	0.031	0.031	0.025	0.022
1976	0.027	0.050	0.041	0.035	0.039	0.033	0.035	0.031	0.022
1977	0.029	0.053	0.043	0.039	0.042	0.037	0.038	0.035	0.024
1978	0.030	0.053	0.048	0.040	0.046	0.039	0.041	0.036	0.026
1979	0.034	0.058	0.049	0.047	0.048	0.040	0.044	0.040	0.027
1980	0.040	0.069	0.055	0.059	0.054	0.042	0.047	0.044	0.027
1981	0.056	0.088	0.063	0.068	0.060	0.058	0.052	0.057	0.035
1982	0.059	0.084	0.068	0.070	0.062	0.059	0.057	0.060	0.036

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1960	0.020	0.030	0.022	0.033	0.029	0.027	0.016	0.032	0.026
1961	0.020	0.029	0.023	0.033	0.029	0.029	0.016	0.032	0.025
1962	0.020	0.028	0.022	0.033	0.029	0.029	0.015	0.031	0.026
1963	0.020	0.028	0.023	0.032	0.028	0.028	0.015	0.031	0.025
1964	0.019	0.027	0.023	0.031	0.028	0.028	0.015	0.030	0.025
1965	0.019	0.027	0.022	0.031	0.027	0.027	0.015	0.030	0.024
1966	0.019	0.026	0.021	0.030	0.026	0.027	0.014	0.030	0.024
1967	0.018	0.025	0.021	0.029	0.026	0.027	0.015	0.030	0.024
1968	0.018	0.026	0.021	0.028	0.026	0.027	0.015	0.029	0.023
1969	0.018	0.026	0.020	0.028	0.025	0.027	0.014	0.028	0.023
1970	0.018	0.025	0.020	0.027	0.025	0.026	0.014	0.029	0.023
1971	0.019	0.025	0.021	0.026	0.029	0.026	0.015	0.031	0.023
1972	0.020	0.026	0.022	0.027	0.031	0.027	0.016	0.033	0.024
1973	0.021	0.026	0.021	0.028	0.032	0.027	0.016	0.035	0.024
1974	0.025	0.026	0.022	0.037	0.044	0.029	0.019	0.047	0.029
1975	0.029	0.029	0.025	0.045	0.049	0.033	0.024	0.051	0.034
1976	0.033	0.031	0.030	0.046	0.053	0.036	0.028	0.054	0.036
1977	0.036	0.033	0.033	0.048	0.059	0.040	0.032	0.059	0.040
1978	0.038	0.035	0.035	0.055	0.060	0.047	0.034	0.061	0.044
1979	0.040	0.037	0.037	0.057	0.065	0.054	0.036	0.067	0.047
1980	0.042	0.038	0.040	0.066	0.078	0.058	0.047	0.076	0.051
1981	0.052	0.051	0.047	0.088	0.090	0.068	0.048	0.093	0.060
1982	0.059	0.053	0.047	0.085	0.098	0.076	0.056	0.098	0.067

TABLE 2.1 (cont). Electricity Prices: Residential Sector (\$/kWh)

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1960	0.030	0.013	0.027	0.034	0.022	0.031	0.010	0.026	0.022
1961	0.031	0.013	0.026	0.034	0.021	0.030	0.010	0.026	0.022
1962	0.030	0.013	0.026	0.033	0.021	0.029	0.010	0.025	0.023
1963	0.029	0.012	0.025	0.033	0.021	0.028	0.010	0.025	0.023
1964	0.028	0.012	0.025	0.032	0.020	0.027	0.010	0.024	0.023
1965	0.027	0.012	0.024	0.032	0.020	0.026	0.009	0.023	0.023
1966	0.026	0.012	0.023	0.031	0.019	0.026	0.009	0.022	0.023
1967	0.026	0.012	0.023	0.030	0.019	0.026	0.009	0.022	0.022
1968	0.025	0.012	0.022	0.029	0.019	0.025	0.009	0.022	0.022
1969	0.025	0.012	0.022	0.028	0.018	0.025	0.010	0.021	0.022
1970	0.024	0.012	0.023	0.027	0.018	0.025	0.011	0.020	0.022
1971	0.024	0.013	0.026	0.028	0.020	0.025	0.013	0.020	0.022
1972	0.024	0.013	0.028	0.031	0.021	0.025	0.013	0.021	0.022
1973	0.023	0.013	0.029	0.033	0.021	0.025	0.013	0.021	0.022
1974	0.024	0.015	0.035	0.046	0.026	0.026	0.016	0.024	0.023
1975	0.026	0.016	0.040	0.048	0.030	0.028	0.021	0.027	0.028
1976	0.030	0.019	0.041	0.048	0.033	0.032	0.023	0.031	0.032
1977	0.034	0.022	0.045	0.054	0.037	0.033	0.024	0.036	0.035
1978	0.036	0.024	0.047	0.055	0.036	0.035	0.027	0.038	0.041
1979	0.038	0.025	0.050	0.062	0.040	0.037	0.031	0.042	0.045
1980	0.041	0.029	0.056	0.074	0.042	0.039	0.034	0.047	0.053
1981	0.051	0.035	0.063	0.090	0.051	0.055	0.042	0.060	0.059
1982	0.057	0.033	0.072	0.086	0.057	0.057	0.047	0.068	0.063

YEAR	VA	VT	WA	WI	WV	WY	US
1960	0.024	0.028	0.011	0.024	0.026	0.023	0.025
1961	0.024	0.028	0.011	0.024	0.026	0.028	0.024
1962	0.024	0.027	0.011	0.024	0.025	0.028	0.024
1963	0.023	0.027	0.011	0.024	0.025	0.027	0.024
1964	0.022	0.026	0.011	0.023	0.024	0.027	0.023
1965	0.022	0.025	0.011	0.023	0.024	0.026	0.023
1966	0.021	0.023	0.010	0.022	0.023	0.025	0.022
1967	0.020	0.023	0.010	0.022	0.022	0.025	0.022
1968	0.020	0.022	0.010	0.021	0.022	0.025	0.021
1969	0.019	0.022	0.010	0.022	0.021	0.025	0.021
1970	0.020	0.022	0.010	0.022	0.021	0.024	0.021
1971	0.020	0.022	0.010	0.022	0.022	0.024	0.022
1972	0.021	0.024	0.011	0.024	0.023	0.025	0.023
1973	0.022	0.026	0.011	0.025	0.023	0.023	0.024
1974	0.028	0.031	0.011	0.027	0.027	0.024	0.028
1975	0.035	0.036	0.012	0.031	0.033	0.024	0.032
1976	0.035	0.040	0.013	0.034	0.036	0.024	0.035
1977	0.041	0.041	0.014	0.037	0.035	0.026	0.038
1978	0.042	0.044	0.014	0.040	0.036	0.028	0.040
1979	0.048	0.045	0.015	0.043	0.037	0.029	0.043
1980	0.055	0.048	0.018	0.046	0.041	0.030	0.049
1981	0.059	0.059	0.021	0.056	0.047	0.044	0.059
1982	0.064	0.063	0.026	0.063	0.053	0.043	0.065

Source: Pacific Northwest Laboratory

TABLE 2.2. Electricity Prices: Commercial Sector (\$/kWh)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1960	0.040	0.019	0.025	0.018	0.021	0.022	0.031	0.034	0.025
1961	0.042	0.019	0.025	0.018	0.021	0.022	0.030	0.032	0.024
1962	0.039	0.019	0.024	0.018	0.021	0.022	0.029	0.032	0.023
1963	0.037	0.019	0.023	0.018	0.020	0.021	0.028	0.031	0.023
1964	0.036	0.018	0.022	0.018	0.018	0.021	0.026	0.025	0.022
1965	0.036	0.018	0.021	0.019	0.018	0.021	0.026	0.024	0.021
1966	0.035	0.018	0.021	0.018	0.016	0.020	0.025	0.023	0.021
1967	0.034	0.018	0.021	0.017	0.016	0.020	0.025	0.023	0.021
1968	0.033	0.017	0.020	0.018	0.016	0.020	0.024	0.022	0.021
1969	0.031	0.017	0.020	0.018	0.016	0.020	0.024	0.022	0.021
1970	0.031	0.017	0.020	0.018	0.016	0.019	0.023	0.023	0.021
1971	0.031	0.018	0.020	0.018	0.017	0.019	0.024	0.025	0.023
1972	0.034	0.019	0.021	0.020	0.018	0.020	0.027	0.027	0.026
1973	0.032	0.021	0.021	0.021	0.020	0.020	0.028	0.028	0.028
1974	0.031	0.024	0.025	0.024	0.025	0.022	0.039	0.037	0.037
1975	0.034	0.028	0.027	0.032	0.028	0.025	0.043	0.040	0.040
1976	0.035	0.030	0.032	0.035	0.030	0.028	0.043	0.042	0.042
1977	0.038	0.038	0.036	0.040	0.038	0.030	0.044	0.047	0.051
1978	0.040	0.038	0.037	0.043	0.047	0.032	0.045	0.051	0.053
1979	0.042	0.044	0.038	0.049	0.041	0.036	0.052	0.052	0.057
1980	0.046	0.050	0.042	0.053	0.058	0.042	0.064	0.058	0.066
1981	0.063	0.057	0.052	0.057	0.062	0.052	0.078	0.066	0.070
1982	0.068	0.064	0.051	0.069	0.070	0.058	0.085	0.071	0.073

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1960	0.030	0.023	0.033	0.031	0.015	0.025	0.027	0.024	0.023
1961	0.026	0.022	0.032	0.029	0.015	0.025	0.024	0.022	0.023
1962	0.026	0.021	0.033	0.028	0.019	0.024	0.024	0.022	0.022
1963	0.025	0.021	0.033	0.027	0.016	0.023	0.023	0.022	0.022
1964	0.024	0.021	0.032	0.027	0.016	0.023	0.023	0.021	0.021
1965	0.024	0.020	0.032	0.026	0.016	0.022	0.023	0.021	0.020
1966	0.022	0.020	0.032	0.026	0.014	0.021	0.022	0.021	0.019
1967	0.021	0.020	0.031	0.026	0.014	0.021	0.022	0.021	0.019
1968	0.021	0.019	0.031	0.025	0.013	0.021	0.022	0.020	0.018
1969	0.020	0.019	0.031	0.025	0.013	0.021	0.021	0.020	0.018
1970	0.020	0.019	0.032	0.025	0.013	0.021	0.021	0.019	0.018
1971	0.021	0.020	0.034	0.025	0.014	0.022	0.021	0.020	0.016
1972	0.022	0.021	0.034	0.026	0.014	0.024	0.023	0.020	0.016
1973	0.023	0.022	0.036	0.027	0.014	0.024	0.024	0.020	0.014
1974	0.030	0.027	0.041	0.029	0.014	0.028	0.025	0.022	0.015
1975	0.036	0.034	0.052	0.033	0.015	0.033	0.027	0.026	0.017
1976	0.038	0.036	0.054	0.036	0.017	0.035	0.030	0.029	0.017
1977	0.040	0.038	0.059	0.039	0.019	0.037	0.033	0.034	0.020
1978	0.042	0.041	0.065	0.041	0.019	0.042	0.037	0.037	0.024
1979	0.047	0.044	0.070	0.046	0.021	0.045	0.040	0.040	0.026
1980	0.055	0.048	0.085	0.050	0.026	0.054	0.041	0.045	0.028
1981	0.069	0.050	0.121	0.058	0.027	0.061	0.046	0.053	0.037
1982	0.065	0.058	0.127	0.063	0.035	0.070	0.050	0.058	0.048

TABLE 2.2 (cont). Electricity Prices: Commercial Sector (\$/kWh)

YEAR	IA	MA	MD	ME	MI	MN	MU	MS	MT
1960	0.024	0.038	0.034	0.032	0.027	0.032	0.027	0.022	0.021
1961	0.022	0.035	0.032	0.032	0.025	0.028	0.025	0.022	0.021
1962	0.022	0.032	0.032	0.031	0.025	0.028	0.025	0.021	0.020
1963	0.020	0.031	0.031	0.030	0.024	0.028	0.024	0.021	0.019
1964	0.020	0.031	0.025	0.029	0.024	0.027	0.024	0.020	0.019
1965	0.019	0.030	0.024	0.028	0.023	0.026	0.024	0.018	0.018
1966	0.018	0.029	0.023	0.027	0.023	0.026	0.023	0.018	0.018
1967	0.017	0.028	0.023	0.027	0.022	0.025	0.023	0.018	0.018
1968	0.017	0.026	0.022	0.026	0.022	0.025	0.022	0.018	0.017
1969	0.016	0.026	0.022	0.026	0.022	0.025	0.022	0.018	0.018
1970	0.016	0.026	0.023	0.025	0.023	0.025	0.023	0.018	0.019
1971	0.016	0.028	0.025	0.025	0.024	0.025	0.023	0.019	0.019
1972	0.017	0.029	0.027	0.027	0.025	0.026	0.024	0.021	0.019
1973	0.018	0.029	0.028	0.027	0.026	0.027	0.024	0.021	0.020
1974	0.021	0.042	0.037	0.032	0.030	0.029	0.027	0.026	0.020
1975	0.022	0.045	0.040	0.037	0.036	0.033	0.030	0.027	0.020
1976	0.025	0.048	0.042	0.036	0.040	0.035	0.033	0.033	0.020
1977	0.027	0.051	0.047	0.040	0.043	0.037	0.034	0.036	0.019
1978	0.028	0.052	0.051	0.041	0.047	0.038	0.038	0.038	0.025
1979	0.032	0.057	0.052	0.048	0.049	0.039	0.040	0.043	0.025
1980	0.037	0.069	0.058	0.061	0.055	0.041	0.045	0.047	0.025
1981	0.047	0.085	0.066	0.070	0.063	0.045	0.049	0.062	0.032
1982	0.049	0.082	0.071	0.073	0.063	0.051	0.054	0.064	0.032

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1960	0.020	0.035	0.022	0.033	0.028	0.022	0.017	0.029	0.024
1961	0.018	0.033	0.020	0.032	0.028	0.021	0.017	0.028	0.023
1962	0.018	0.032	0.019	0.031	0.027	0.021	0.017	0.029	0.023
1963	0.018	0.031	0.019	0.031	0.027	0.020	0.017	0.025	0.023
1964	0.017	0.029	0.018	0.030	0.026	0.020	0.017	0.025	0.023
1965	0.016	0.027	0.018	0.030	0.025	0.019	0.017	0.025	0.022
1966	0.016	0.026	0.018	0.030	0.025	0.019	0.016	0.024	0.021
1967	0.016	0.023	0.017	0.029	0.025	0.019	0.016	0.025	0.021
1968	0.015	0.022	0.016	0.028	0.025	0.019	0.015	0.025	0.021
1969	0.015	0.021	0.016	0.027	0.024	0.019	0.015	0.024	0.020
1970	0.015	0.021	0.016	0.028	0.025	0.019	0.015	0.025	0.020
1971	0.016	0.021	0.016	0.029	0.028	0.019	0.016	0.029	0.021
1972	0.017	0.022	0.017	0.030	0.029	0.020	0.017	0.031	0.022
1973	0.018	0.022	0.017	0.031	0.031	0.020	0.017	0.033	0.022
1974	0.022	0.023	0.019	0.040	0.043	0.022	0.020	0.048	0.027
1975	0.027	0.025	0.022	0.049	0.047	0.025	0.025	0.052	0.032
1976	0.029	0.027	0.026	0.051	0.050	0.027	0.029	0.055	0.033
1977	0.032	0.029	0.028	0.054	0.054	0.031	0.033	0.059	0.038
1978	0.034	0.031	0.030	0.060	0.056	0.037	0.036	0.057	0.042
1979	0.035	0.033	0.033	0.063	0.060	0.043	0.037	0.062	0.045
1980	0.038	0.034	0.035	0.072	0.072	0.046	0.048	0.075	0.050
1981	0.045	0.046	0.045	0.092	0.082	0.057	0.053	0.094	0.057
1982	0.052	0.047	0.047	0.086	0.090	0.067	0.069	0.100	0.061

TABLE 2.2 (cont). Electricity Prices: Commercial Sector (\$/kWh)

YEAR	OK	OR	PA	PI	SC	SD	TN	TX	UT
1960	0.023	0.011	0.025	0.035	0.021	0.032	0.014	0.020	0.023
1961	0.021	0.010	0.024	0.032	0.019	0.031	0.014	0.019	0.021
1962	0.021	0.014	0.024	0.032	0.018	0.030	0.014	0.020	0.021
1963	0.020	0.014	0.024	0.032	0.019	0.029	0.014	0.019	0.021
1964	0.020	0.014	0.023	0.031	0.018	0.029	0.014	0.019	0.021
1965	0.019	0.014	0.022	0.030	0.017	0.028	0.014	0.018	0.020
1966	0.019	0.013	0.022	0.029	0.017	0.027	0.013	0.017	0.020
1967	0.019	0.013	0.021	0.029	0.016	0.025	0.014	0.017	0.019
1968	0.018	0.013	0.021	0.024	0.016	0.024	0.014	0.017	0.018
1969	0.018	0.013	0.021	0.023	0.016	0.024	0.015	0.017	0.017
1970	0.018	0.013	0.022	0.023	0.016	0.024	0.016	0.017	0.017
1971	0.018	0.013	0.024	0.023	0.017	0.024	0.018	0.017	0.018
1972	0.018	0.013	0.025	0.026	0.017	0.024	0.018	0.017	0.018
1973	0.018	0.014	0.027	0.027	0.018	0.024	0.019	0.018	0.018
1974	0.019	0.015	0.033	0.041	0.023	0.026	0.021	0.020	0.019
1975	0.021	0.016	0.037	0.044	0.027	0.028	0.026	0.024	0.023
1976	0.025	0.018	0.039	0.043	0.029	0.031	0.028	0.027	0.025
1977	0.029	0.019	0.043	0.048	0.032	0.032	0.030	0.032	0.028
1978	0.032	0.020	0.045	0.049	0.033	0.034	0.035	0.035	0.033
1979	0.033	0.022	0.048	0.055	0.036	0.036	0.039	0.039	0.037
1980	0.037	0.027	0.053	0.066	0.038	0.038	0.043	0.044	0.042
1981	0.045	0.033	0.060	0.081	0.044	0.048	0.049	0.055	0.046
1982	0.047	* 0.038	0.069	0.077	0.052	0.049	0.060	0.063	0.054

2.8

YEAR	VA	VT	WA	WI	WV	WY	US
1960	0.020	0.031	0.014	0.026	0.024	0.017	0.024
1961	0.019	0.026	0.013	0.025	0.023	0.016	0.023
1962	0.019	0.025	0.013	0.025	0.023	0.018	0.023
1963	0.018	0.026	0.013	0.024	0.022	0.019	0.022
1964	0.017	0.025	0.013	0.024	0.022	0.019	0.021
1965	0.017	0.025	0.013	0.023	0.021	0.019	0.021
1966	0.016	0.024	0.011	0.022	0.020	0.018	0.020
1967	0.016	0.023	0.010	0.022	0.020	0.018	0.020
1968	0.016	0.023	0.010	0.022	0.019	0.017	0.019
1969	0.015	0.023	0.010	0.023	0.019	0.017	0.019
1970	0.016	0.022	0.010	0.024	0.019	0.017	0.020
1971	0.016	0.022	0.010	0.024	0.020	0.017	0.021
1972	0.017	0.024	0.011	0.025	0.021	0.018	0.022
1973	0.017	0.026	0.011	0.027	0.022	0.017	0.023
1974	0.023	0.032	0.012	0.028	0.026	0.017	0.028
1975	0.030	0.036	0.013	0.032	0.032	0.017	0.032
1976	0.031	0.039	0.013	0.034	0.034	0.018	0.034
1977	0.037	0.039	0.015	0.037	0.034	0.020	0.038
1978	0.038	0.042	0.014	0.040	0.037	0.022	0.040
1979	0.042	0.042	0.015	0.043	0.036	0.023	0.044
1980	0.049	0.046	0.018	0.048	0.041	0.024	0.050
1981	0.052	0.063	0.022	0.056	0.045	0.042	0.058
1982	0.055	0.066	0.027	0.062	0.051	0.040	0.064

Source: Pacific Northwest Laboratory

TABLE 2.3. Electricity Prices: Industrial Sector (\$/kWh)

YFAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1960	0.033	0.007	0.009	0.010	0.012	0.013	0.015	0.015	0.012
1961	0.032	0.007	0.010	0.010	0.012	0.013	0.015	0.015	0.012
1962	0.030	0.007	0.010	0.011	0.011	0.014	0.015	0.015	0.010
1963	0.020	0.006	0.009	0.012	0.011	0.013	0.015	0.014	0.010
1964	0.018	0.006	0.009	0.011	0.011	0.013	0.014	0.012	0.009
1965	0.019	0.006	0.008	0.011	0.010	0.012	0.014	0.012	0.009
1966	0.017	0.006	0.008	0.011	0.009	0.012	0.014	0.012	0.008
1967	0.018	0.006	0.009	0.012	0.009	0.012	0.014	0.012	0.009
1968	0.018	0.007	0.009	0.011	0.009	0.012	0.014	0.012	0.009
1969	0.017	0.007	0.009	0.011	0.009	0.012	0.013	0.012	0.009
1970	0.017	0.007	0.009	0.011	0.009	0.011	0.014	0.012	0.010
1971	0.017	0.008	0.009	0.012	0.010	0.011	0.015	0.013	0.012
1972	0.018	0.009	0.010	0.012	0.011	0.012	0.017	0.014	0.015
1973	0.020	0.010	0.011	0.014	0.012	0.013	0.019	0.015	0.017
1974	0.020	0.012	0.016	0.018	0.018	0.014	0.029	0.023	0.026
1975	0.022	0.017	0.016	0.023	0.021	0.018	0.033	0.026	0.029
1976	0.033	0.018	0.022	0.025	0.024	0.019	0.033	0.025	0.029
1977	0.032	0.022	0.023	0.028	0.030	0.020	0.035	0.027	0.032
1978	0.032	0.024	0.024	0.029	0.034	0.022	0.035	0.032	0.034
1979	0.033	0.028	0.025	0.032	0.035	0.026	0.041	0.032	0.037
1980	0.034	0.033	0.029	0.036	0.050	0.031	0.052	0.037	0.046
1981	0.030	0.039	0.033	0.038	0.057	0.033	0.067	0.041	0.052
1982	0.073	0.044	0.038	0.055	0.069	0.041	0.070	0.047	0.057

YFAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1960	0.014	0.010	0.015	0.013	0.006	0.014	0.013	0.010	0.005
1961	0.013	0.009	0.015	0.014	0.006	0.013	0.012	0.011	0.005
1962	0.013	0.009	0.015	0.014	0.006	0.012	0.012	0.012	0.005
1963	0.012	0.009	0.015	0.013	0.006	0.011	0.012	0.011	0.005
1964	0.012	0.009	0.015	0.013	0.006	0.011	0.012	0.011	0.005
1965	0.012	0.009	0.015	0.012	0.006	0.011	0.011	0.011	0.005
1966	0.011	0.009	0.015	0.012	0.006	0.011	0.011	0.011	0.006
1967	0.011	0.009	0.015	0.012	0.006	0.011	0.011	0.011	0.006
1968	0.011	0.009	0.015	0.013	0.006	0.011	0.011	0.011	0.006
1969	0.011	0.009	0.015	0.012	0.006	0.011	0.011	0.011	0.006
1970	0.011	0.009	0.015	0.012	0.006	0.011	0.011	0.011	0.007
1971	0.012	0.010	0.016	0.013	0.006	0.012	0.012	0.011	0.008
1972	0.013	0.011	0.016	0.014	0.006	0.013	0.013	0.012	0.008
1973	0.014	0.012	0.018	0.014	0.006	0.014	0.013	0.012	0.009
1974	0.019	0.016	0.021	0.016	0.007	0.016	0.014	0.013	0.010
1975	0.024	0.023	0.031	0.020	0.009	0.020	0.018	0.018	0.014
1976	0.027	0.023	0.032	0.022	0.010	0.022	0.020	0.021	0.016
1977	0.027	0.025	0.036	0.025	0.012	0.025	0.025	0.025	0.017
1978	0.029	0.029	0.042	0.027	0.012	0.029	0.029	0.027	0.022
1979	0.032	0.030	0.045	0.030	0.014	0.031	0.031	0.029	0.024
1980	0.043	0.034	0.059	0.033	0.017	0.038	0.035	0.033	0.027
1981	0.054	0.036	0.098	0.037	0.020	0.043	0.039	0.038	0.035
1982	0.054	0.044	0.103	0.042	0.021	0.050	0.045	0.046	0.036

TABLE 2.3 (cont). Electricity Prices: Industrial Sector (\$/kWh)

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1960	0.009	0.018	0.015	0.013	0.013	0.015	0.013	0.010	0.004
1961	0.009	0.018	0.015	0.013	0.013	0.016	0.013	0.010	0.004
1962	0.009	0.017	0.015	0.013	0.012	0.016	0.013	0.010	0.005
1963	0.009	0.017	0.014	0.013	0.012	0.015	0.012	0.010	0.005
1964	0.009	0.017	0.012	0.013	0.012	0.014	0.012	0.009	0.005
1965	0.009	0.016	0.012	0.013	0.011	0.014	0.012	0.009	0.004
1966	0.008	0.016	0.012	0.012	0.011	0.014	0.012	0.009	0.004
1967	0.008	0.016	0.012	0.012	0.011	0.013	0.012	0.009	0.004
1968	0.008	0.015	0.012	0.012	0.011	0.013	0.012	0.009	0.004
1969	0.008	0.015	0.012	0.011	0.011	0.013	0.012	0.009	0.004
1970	0.008	0.016	0.012	0.011	0.012	0.013	0.013	0.009	0.004
1971	0.008	0.017	0.013	0.012	0.013	0.014	0.013	0.010	0.004
1972	0.008	0.019	0.014	0.013	0.013	0.015	0.014	0.011	0.004
1973	0.010	0.020	0.015	0.013	0.014	0.015	0.015	0.012	0.005
1974	0.012	0.031	0.023	0.019	0.019	0.017	0.017	0.016	0.005
1975	0.013	0.036	0.026	0.020	0.025	0.021	0.020	0.020	0.006
1976	0.013	0.037	0.025	0.019	0.027	0.024	0.024	0.024	0.006
1977	0.015	0.041	0.027	0.021	0.029	0.028	0.025	0.026	0.007
1978	0.018	0.040	0.032	0.022	0.033	0.029	0.028	0.028	0.007
1979	0.022	0.045	0.032	0.029	0.035	0.031	0.031	0.032	0.008
1980	0.029	0.055	0.037	0.042	0.042	0.035	0.035	0.036	0.009
1981	0.037	0.071	0.041	0.048	0.048	0.039	0.038	0.045	0.013
1982	0.042	0.067	0.047	0.046	0.053	0.046	0.042	0.050	0.021

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1960	0.009	0.019	0.010	0.015	0.013	0.012	0.004	0.013	0.008
1961	0.009	0.020	0.011	0.015	0.013	0.012	0.004	0.013	0.008
1962	0.009	0.022	0.011	0.015	0.013	0.012	0.004	0.012	0.008
1963	0.009	0.020	0.011	0.015	0.012	0.012	0.004	0.010	0.008
1964	0.009	0.020	0.011	0.014	0.012	0.012	0.004	0.010	0.008
1965	0.008	0.020	0.011	0.014	0.012	0.012	0.005	0.010	0.008
1966	0.008	0.020	0.010	0.014	0.012	0.011	0.005	0.010	0.008
1967	0.008	0.020	0.011	0.014	0.012	0.011	0.006	0.010	0.009
1968	0.008	0.020	0.011	0.013	0.012	0.011	0.006	0.011	0.009
1969	0.008	0.019	0.011	0.013	0.012	0.011	0.006	0.011	0.009
1970	0.009	0.019	0.011	0.013	0.012	0.011	0.007	0.011	0.009
1971	0.009	0.019	0.012	0.013	0.015	0.011	0.007	0.013	0.010
1972	0.010	0.020	0.012	0.014	0.016	0.012	0.008	0.013	0.010
1973	0.011	0.020	0.013	0.015	0.018	0.012	0.009	0.014	0.011
1974	0.015	0.022	0.013	0.024	0.028	0.014	0.013	0.021	0.014
1975	0.020	0.025	0.016	0.030	0.032	0.018	0.013	0.025	0.018
1976	0.021	0.027	0.019	0.030	0.033	0.021	0.020	0.026	0.018
1977	0.023	0.029	0.019	0.032	0.038	0.025	0.023	0.029	0.020
1978	0.025	0.029	0.021	0.036	0.039	0.032	0.024	0.030	0.024
1979	0.026	0.030	0.023	0.040	0.042	0.039	0.029	0.033	0.026
1980	0.029	0.031	0.025	0.050	0.054	0.043	0.037	0.039	0.031
1981	0.035	0.038	0.030	0.070	0.064	0.049	0.039	0.049	0.035
1982	0.038	0.046	0.036	0.065	0.072	0.056	0.043	0.053	0.042

TABLE 2.3 (cont). Electricity Prices: Industrial Sector (\$/kWh)

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1960	0.010	0.003	0.012	0.017	0.007	0.015	0.005	0.010	0.011
1961	0.011	0.003	0.012	0.017	0.007	0.015	0.005	0.010	0.012
1962	0.011	0.004	0.012	0.017	0.008	0.015	0.005	0.010	0.012
1963	0.010	0.004	0.012	0.017	0.007	0.014	0.005	0.009	0.012
1964	0.010	0.004	0.011	0.017	0.007	0.014	0.005	0.009	0.012
1965	0.010	0.004	0.011	0.016	0.007	0.014	0.005	0.009	0.012
1966	0.010	0.004	0.011	0.016	0.007	0.014	0.005	0.008	0.012
1967	0.010	0.004	0.011	0.016	0.007	0.014	0.005	0.008	0.013
1968	0.010	0.004	0.010	0.015	0.007	0.014	0.005	0.008	0.013
1969	0.010	0.004	0.010	0.015	0.007	0.015	0.006	0.008	0.012
1970	0.010	0.004	0.011	0.015	0.008	0.015	0.007	0.008	0.012
1971	0.010	0.004	0.013	0.017	0.008	0.016	0.008	0.008	0.013
1972	0.010	0.005	0.014	0.019	0.009	0.016	0.008	0.008	0.013
1973	0.010	0.005	0.015	0.020	0.010	0.016	0.008	0.009	0.013
1974	0.011	0.005	0.021	0.033	0.014	0.017	0.010	0.012	0.014
1975	0.014	0.007	0.025	0.036	0.018	0.019	0.015	0.015	0.017
1976	0.018	0.008	0.026	0.036	0.019	0.022	0.017	0.018	0.020
1977	0.021	0.009	0.029	0.040	0.022	0.022	0.018	0.022	0.022
1978	0.023	0.010	0.031	0.041	0.023	0.025	0.024	0.024	0.024
1979	0.024	0.012	0.033	0.047	0.026	0.027	0.028	0.027	0.028
1980	0.028	0.015	0.041	0.059	0.027	0.029	0.031	0.032	0.032
1981	0.035	0.019	0.046	0.074	0.032	0.034	0.038	0.040	0.037
1982	0.039	0.028	0.055	0.073	0.037	0.041	0.044	0.048	0.042

YEAR	VA	VT	WA	WI	WV	WY	US
1960	0.011	0.014	0.003	0.013	0.009	0.011	0.010
1961	0.011	0.015	0.003	0.014	0.009	0.013	0.010
1962	0.010	0.015	0.003	0.014	0.009	0.010	0.010
1963	0.010	0.015	0.003	0.013	0.008	0.009	0.009
1964	0.010	0.015	0.003	0.013	0.008	0.009	0.009
1965	0.010	0.014	0.003	0.013	0.008	0.009	0.009
1966	0.010	0.014	0.003	0.012	0.008	0.009	0.009
1967	0.010	0.014	0.003	0.012	0.008	0.010	0.009
1968	0.009	0.015	0.003	0.012	0.008	0.010	0.009
1969	0.010	0.014	0.003	0.013	0.008	0.010	0.009
1970	0.010	0.014	0.003	0.014	0.008	0.010	0.009
1971	0.011	0.015	0.003	0.014	0.010	0.010	0.010
1972	0.012	0.017	0.003	0.015	0.011	0.010	0.011
1973	0.012	0.018	0.003	0.016	0.011	0.011	0.012
1974	0.018	0.023	0.003	0.017	0.015	0.011	0.015
1975	0.023	0.024	0.004	0.021	0.021	0.011	0.019
1976	0.023	0.026	0.005	0.023	0.022	0.012	0.021
1977	0.027	0.026	0.004	0.024	0.022	0.013	0.023
1978	0.027	0.028	0.005	0.026	0.024	0.015	0.026
1979	0.032	0.029	0.005	0.028	0.024	0.016	0.029
1980	0.039	0.033	0.007	0.032	0.027	0.016	0.034
1981	0.039	0.045	0.010	0.037	0.031	0.020	0.040
1982	0.045	0.052	0.018	0.043	0.037	0.029	0.047

Source: Pacific Northwest Laboratory

TABLE 2.4. Electricity Prices: Transportation Sector (\$/kWh)

YFAR	AK	AL	AK	AZ	CA	CO	CT	DC	DE
1960	0.0	0.0	0.0	0.0	0.011	0.0	0.013	0.012	0.0
1961	0.0	0.0	0.0	0.0	0.011	0.0	0.027	0.013	0.0
1962	0.0	0.0	0.0	0.0	0.011	0.0	0.0	0.013	0.0
1963	0.0	0.0	0.010	0.0	0.010	0.0	0.0	0.013	0.0
1964	0.0	0.0	0.012	0.0	0.010	0.0	0.0	0.012	0.0
1965	0.0	0.0	0.013	0.0	0.011	0.0	0.0	0.012	0.0
1966	0.0	0.0	0.013	0.0	0.010	0.0	0.0	0.012	0.0
1967	0.0	0.0	0.013	0.0	0.010	0.0	0.0	0.012	0.0
1968	0.0	0.0	0.011	0.0	0.010	0.0	0.0	0.012	0.0
1969	0.0	0.0	0.012	0.0	0.010	0.0	0.0	0.012	0.0
1970	0.0	0.0	0.012	0.0	0.010	0.0	0.0	0.013	0.0
1971	0.0	0.0	0.012	0.0	0.010	0.0	0.0	0.015	0.0
1972	0.041	0.0	0.013	0.0	0.010	0.0	0.0	0.016	0.0
1973	0.071	0.0	0.015	0.0	0.011	0.0	0.0	0.017	0.0
1974	0.075	0.0	0.022	0.0	0.013	0.0	0.0	0.026	0.0
1975	0.031	0.0	0.025	0.0	0.015	0.0	0.0	0.028	0.0
1976	0.031	0.0	0.027	0.0	0.017	0.0	0.0	0.026	0.0
1977	0.031	0.0	0.019	0.0	0.028	0.0	0.0	0.025	0.0
1978	0.030	0.0	0.014	0.0	0.031	0.0	0.0	0.036	0.0
1979	0.034	0.0	0.028	0.0	0.025	0.0	0.0	0.038	0.0
1980	0.0	0.0	0.039	0.0	0.037	0.0	0.0	0.043	0.0
1981	0.037	0.0	0.028	0.0	0.045	0.0	0.0	0.050	0.0
1982	0.030	0.0	0.019	0.050	0.063	0.040	0.0	0.060	0.0

YFAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1960	0.0	0.010	0.0	0.013	0.0	0.015	0.016	0.009	0.0
1961	0.0	0.010	0.0	0.012	0.0	0.015	0.016	0.005	0.0
1962	0.0	0.010	0.0	0.012	0.0	0.015	0.016	0.0	0.0
1963	0.0	0.010	0.0	0.014	0.0	0.015	0.015	0.0	0.0
1964	0.0	0.0	0.0	0.011	0.0	0.015	0.016	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.014	0.016	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.014	0.016	0.0	0.0
1967	0.0	0.0	0.0	0.004	0.0	0.014	0.016	0.0	0.0
1968	0.0	0.0	0.0	0.0	0.0	0.014	0.016	0.0	0.0
1969	0.0	0.0	0.0	0.0	0.0	0.014	0.017	0.0	0.0
1970	0.0	0.0	0.0	0.0	0.0	0.014	0.018	0.0	0.0
1971	0.0	0.0	0.0	0.0	0.0	0.015	0.020	0.0	0.0
1972	0.0	0.0	0.0	0.0	0.0	0.016	0.019	0.0	0.0
1973	0.0	0.0	0.0	0.0	0.0	0.017	0.021	0.0	0.0
1974	0.0	0.0	0.0	0.0	0.0	0.020	0.026	0.0	0.0
1975	0.0	0.0	0.0	0.0	0.0	0.021	0.032	0.0	0.0
1976	0.0	0.0	0.0	0.0	0.0	0.023	0.038	0.0	0.0
1977	0.0	0.0	0.0	0.0	0.0	0.025	0.046	0.0	0.0
1978	0.0	0.0	0.0	0.0	0.0	0.028	0.053	0.0	0.0
1979	0.0	0.032	0.0	0.0	0.0	0.032	0.058	0.0	0.0
1980	0.0	0.034	0.0	0.0	0.0	0.040	0.073	0.0	0.0
1981	0.0	0.041	0.0	0.0	0.0	0.047	0.078	0.0	0.0
1982	0.0	0.044	0.0	0.0	0.0	0.055	0.090	0.0	0.0

TABLE 2.4 (cont). Electricity Prices: Transportation Sector (\$/kWh)

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1960	0.012	0.010	0.012	0.0	0.018	0.0	0.0	0.0	0.006
1961	0.012	0.010	0.013	0.0	0.018	0.0	0.015	0.0	0.006
1962	0.013	0.008	0.013	0.0	0.009	0.0	0.011	0.0	0.006
1963	0.013	0.009	0.013	0.0	0.0	0.0	0.010	0.0	0.006
1964	0.014	0.008	0.012	0.0	0.0	0.0	0.008	0.0	0.005
1965	0.015	0.008	0.012	0.0	0.0	0.0	0.009	0.0	0.005
1966	0.0	0.008	0.012	0.0	0.0	0.0	0.009	0.0	0.005
1967	0.0	0.008	0.012	0.0	0.0	0.0	0.008	0.0	0.005
1968	0.0	0.008	0.012	0.0	0.0	0.0	0.009	0.0	0.005
1969	0.013	0.008	0.012	0.0	0.0	0.0	0.009	0.0	0.006
1970	0.013	0.019	0.013	0.0	0.0	0.0	0.009	0.0	0.005
1971	0.0	0.028	0.015	0.0	0.0	0.0	0.010	0.0	0.005
1972	0.014	0.030	0.016	0.0	0.0	0.0	0.011	0.0	0.005
1973	0.012	0.025	0.017	0.0	0.0	0.0	0.012	0.0	0.005
1974	0.0	0.044	0.026	0.0	0.0	0.0	0.014	0.0	0.005
1975	0.0	0.050	0.028	0.0	0.0	0.0	0.019	0.0	0.0
1976	0.0	0.062	0.026	0.0	0.0	0.0	0.024	0.0	0.0
1977	0.0	0.064	0.025	0.0	0.0	0.0	0.028	0.0	0.0
1978	0.0	0.072	0.036	0.0	0.0	0.0	0.031	0.0	0.0
1979	0.0	0.063	0.038	0.0	0.0	0.0	0.032	0.0	0.0
1980	0.0	0.074	0.043	0.0	0.0	0.0	0.039	0.0	0.0
1981	0.0	0.083	0.050	0.0	0.0	0.0	0.041	0.0	0.0
1982	0.0	0.081	0.060	0.0	0.0	0.0	0.042	0.0	0.0

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1960	0.0	0.0	0.0	0.0	0.018	0.0	0.019	0.015	0.011
1961	0.013	0.0	0.0	0.0	0.019	0.0	0.022	0.015	0.011
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.020	0.015	0.012
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.014	0.012
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.014	0.012
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.014	0.012
1966	0.010	0.0	0.0	0.0	0.0	0.0	0.0	0.015	0.012
1967	0.012	0.0	0.0	0.0	0.0	0.0	0.0	0.015	0.012
1968	0.011	0.0	0.0	0.0	0.0	0.0	0.0	0.015	0.013
1969	0.011	0.0	0.0	0.0	0.014	0.0	0.0	0.015	0.013
1970	0.011	0.0	0.0	0.0	0.016	0.0	0.0	0.016	0.014
1971	0.013	0.0	0.0	0.0	0.020	0.0	0.0	0.019	0.015
1972	0.013	0.0	0.0	0.0	0.019	0.0	0.0	0.021	0.016
1973	0.011	0.0	0.0	0.0	0.021	0.0	0.0	0.025	0.017
1974	0.011	0.0	0.0	0.0	0.029	0.0	0.0	0.042	0.024
1975	0.014	0.0	0.0	0.0	0.038	0.0	0.0	0.047	0.026
1976	0.015	0.0	0.0	0.0	0.032	0.0	0.0	0.047	0.029
1977	0.016	0.0	0.0	0.0	0.036	0.0	0.0	0.039	0.038
1978	0.016	0.0	0.0	0.0	0.034	0.0	0.0	0.046	0.041
1979	0.016	0.0	0.0	0.0	0.041	0.0	0.0	0.052	0.045
1980	0.0	0.0	0.013	0.0	0.044	0.0	0.0	0.051	0.045
1981	0.0	0.0	0.028	0.0	0.068	0.0	0.0	0.050	0.058
1982	0.0	0.0	0.027	0.0	0.059	0.0	0.0	0.074	0.071

TABLE 2.4 (cont). Electricity Prices: Transportation Sector (\$/kWh)

YEAR	OK	OK	PA	RI	SC	SD	TN	TX	UT
1960	0.0	0.0	0.011	0.0	0.0	0.0	0.0	0.005	0.0
1961	0.0	0.0	0.011	0.0	0.0	0.0	0.0	0.006	0.0
1962	0.0	0.0	0.011	0.0	0.0	0.0	0.0	0.006	0.0
1963	0.0	0.0	0.011	0.0	0.0	0.0	0.0	0.006	0.0
1964	0.0	0.0	0.011	0.0	0.0	0.0	0.0	0.014	0.0
1965	0.0	0.0	0.011	0.0	0.0	0.0	0.0	0.013	0.0
1966	0.0	0.0	0.011	0.0	0.0	0.0	0.0	0.008	0.0
1967	0.0	0.0	0.012	0.0	0.0	0.0	0.0	0.0	0.0
1968	0.0	0.0	0.011	0.0	0.0	0.0	0.0	0.0	0.0
1969	0.0	0.0	0.011	0.0	0.0	0.0	0.0	0.0	0.0
1970	0.0	0.0	0.012	0.0	0.0	0.0	0.0	0.0	0.0
1971	0.0	0.0	0.015	0.0	0.0	0.0	0.0	0.0	0.0
1972	0.0	0.0	0.017	0.0	0.0	0.0	0.0	0.0	0.0
1973	0.0	0.0	0.018	0.0	0.0	0.0	0.0	0.0	0.0
1974	0.0	0.0	0.026	0.0	0.0	0.0	0.0	0.0	0.0
1975	0.0	0.0	0.029	0.0	0.0	0.0	0.0	0.0	0.0
1976	0.0	0.0	0.029	0.0	0.0	0.0	0.0	0.0	0.0
1977	0.0	0.0	0.032	0.0	0.0	0.0	0.0	0.0	0.0
1978	0.0	0.0	0.032	0.0	0.0	0.0	0.0	0.0	0.0
1979	0.0	0.0	0.032	0.0	0.0	0.0	0.013	0.0	0.0
1980	0.0	0.0	0.052	0.0	0.0	0.0	0.0	0.0	0.0
1981	0.0	0.0	0.063	0.0	0.0	0.0	0.0	0.0	0.0
1982	0.0	0.0	0.068	0.0	0.0	0.0	0.0	0.0	0.0

YEAR	VA	VT	WA	WI	WV	WY	US
1960	0.0	0.0	0.007	0.013	0.0	0.0	0.013
1961	0.0	0.0	0.007	0.014	0.0	0.0	0.013
1962	0.0	0.0	0.007	0.013	0.0	0.0	0.013
1963	0.0	0.0	0.007	0.013	0.0	0.0	0.013
1964	0.0	0.0	0.007	0.011	0.0	0.0	0.013
1965	0.0	0.0	0.006	0.012	0.0	0.0	0.013
1966	0.0	0.0	0.007	0.0	0.0	0.0	0.013
1967	0.0	0.0	0.007	0.0	0.0	0.0	0.013
1968	0.0	0.0	0.007	0.0	0.0	0.0	0.014
1969	0.0	0.0	0.008	0.0	0.0	0.0	0.014
1970	0.0	0.0	0.007	0.0	0.0	0.0	0.015
1971	0.0	0.0	0.007	0.0	0.0	0.0	0.017
1972	0.0	0.0	0.008	0.0	0.0	0.0	0.019
1973	0.0	0.0	0.009	0.0	0.0	0.0	0.022
1974	0.0	0.0	0.010	0.0	0.0	0.0	0.034
1975	0.0	0.0	0.011	0.0	0.0	0.0	0.037
1976	0.0	0.0	0.011	0.0	0.0	0.0	0.038
1977	0.0	0.0	0.014	0.0	0.0	0.0	0.035
1978	0.050	0.0	0.013	0.0	0.0	0.0	0.039
1979	0.051	0.0	0.013	0.0	0.0	0.0	0.043
1980	0.046	0.0	0.013	0.0	0.0	0.0	0.048
1981	0.060	0.0	0.017	0.0	0.0	0.0	0.052
1982	0.061	0.0	0.019	0.0	0.0	0.0	0.068

Source: Pacific Northwest Laboratory

TABLE 2.5. Natural Gas Prices: Residential Sector (\$/1000 cu. ft.)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1960	0.135	1.098	0.653	0.800	0.954	0.675	1.833	1.558	1.748
1961	0.266	1.208	0.698	1.116	1.003	0.667	1.996	1.557	1.741
1962	0.974	1.098	0.702	0.924	0.997	0.670	1.971	1.534	1.748
1963	1.269	1.156	0.720	0.956	0.993	0.680	1.920	1.540	1.700
1964	1.265	1.127	0.734	0.941	1.035	0.715	1.889	1.500	1.684
1965	1.503	1.130	0.725	1.086	0.957	0.677	1.862	1.438	1.659
1966	1.502	1.100	0.708	0.942	0.933	0.593	1.852	1.463	1.632
1967	1.513	1.132	0.715	0.960	0.926	0.664	1.827	1.442	1.596
1968	1.517	1.095	0.701	0.967	0.933	0.678	1.813	1.418	1.595
1969	1.517	1.090	0.708	1.037	0.928	0.686	1.816	1.421	1.504
1970	1.519	1.130	0.754	1.199	0.985	0.719	1.912	1.454	1.585
1971	1.531	1.186	0.787	1.226	1.034	0.746	2.069	1.510	1.627
1972	1.517	1.266	0.827	1.244	1.079	0.782	2.094	1.648	1.710
1973	1.574	1.368	0.872	1.368	1.161	0.825	2.247	1.680	1.853
1974	1.580	1.550	1.060	1.500	1.380	1.000	2.790	1.896	2.110
1975	1.627	1.568	1.116	1.534	1.574	1.157	3.293	2.330	2.426
1976	1.653	1.989	1.227	2.117	1.771	1.268	3.411	2.630	2.609
1977	1.710	2.309	1.980	2.612	1.887	1.625	4.340	3.280	3.249
1978	1.760	2.706	1.960	3.070	1.985	1.938	4.473	3.300	4.060
1979	1.708	3.651	1.569	3.504	2.469	2.476	4.744	3.660	4.025
1980	1.737	4.046	2.474	4.053	3.517	3.239	5.850	4.574	4.300
1981	1.954	4.774	3.042	4.632	3.735	4.175	6.851	5.499	5.532
1982	1.797	5.589	3.830	5.925	4.439	4.899	8.515	6.645	6.047

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1960	2.961	0.999	0.0	0.940	1.280	1.136	0.929	0.561	0.788
1961	2.780	1.046	0.0	0.941	1.306	1.150	0.983	0.613	0.820
1962	2.658	1.053	0.0	0.946	1.309	1.153	0.989	0.557	0.812
1963	2.825	1.040	0.0	0.953	1.315	1.128	0.991	0.562	0.812
1964	2.671	1.030	0.0	0.939	1.276	1.063	0.949	0.573	0.804
1965	2.492	1.040	0.0	0.932	1.354	1.032	0.951	0.573	0.812
1966	2.212	0.970	0.0	0.929	1.294	1.013	0.947	0.587	0.801
1967	2.264	1.027	0.0	0.928	1.292	1.022	0.982	0.591	0.843
1968	2.594	1.019	0.0	0.935	1.358	1.024	0.935	0.626	0.794
1969	2.485	1.016	0.0	0.938	1.370	1.005	0.938	0.640	0.800
1970	2.514	1.048	0.0	0.966	1.391	1.046	1.010	0.685	0.828
1971	2.537	1.133	0.0	1.027	1.494	1.072	1.080	0.717	0.880
1972	2.658	1.257	0.0	1.106	1.507	1.135	1.138	0.736	0.925
1973	2.702	1.303	0.0	1.170	1.521	1.213	1.195	0.747	0.989
1974	2.850	1.400	0.0	1.220	1.800	1.350	1.280	0.900	1.100
1975	2.739	1.497	0.0	1.427	2.181	1.613	1.455	1.029	1.227
1976	2.813	1.695	0.0	1.612	2.241	1.898	1.695	1.482	1.320
1977	3.529	1.966	0.0	1.935	2.857	2.213	2.022	1.718	1.788
1978	3.540	2.330	0.0	2.252	3.407	2.503	2.168	1.770	1.937
1979	3.700	2.877	0.0	2.684	3.725	3.006	2.648	1.952	2.353
1980	4.802	3.680	12.997	3.192	4.978	3.612	3.155	2.367	3.029
1981	5.307	4.342	15.572	3.895	5.570	4.046	3.607	3.029	3.488
1982	6.598	5.334	15.708	4.693	6.922	4.733	4.389	4.061	4.469

TABLE 2.5 (cont). Natural Gas Prices: Residential Sector (\$/1000 cu. ft.)

YEAR	IA	MA	MD	ME	MI	MN	MO	MS	MT
1960	0.646	2.177	1.559	0.0	0.954	1.156	0.795	0.891	0.660
1961	0.662	2.130	1.559	0.0	0.994	1.151	0.809	0.876	0.655
1962	0.693	2.078	1.536	0.0	0.995	1.100	0.802	0.884	0.752
1963	0.708	1.802	1.542	0.0	0.994	1.112	0.824	0.889	0.746
1964	0.691	1.948	1.501	0.0	0.993	1.083	0.840	0.840	0.763
1965	0.724	1.874	1.439	0.0	0.986	1.057	0.841	0.873	0.781
1966	0.731	1.908	1.464	3.156	0.982	1.042	0.846	0.872	0.779
1967	0.752	1.878	1.443	3.090	0.978	1.029	0.839	0.881	0.796
1968	0.745	1.856	1.419	3.238	0.977	1.031	0.861	0.973	0.822
1969	0.751	1.855	1.421	3.114	0.984	1.073	0.886	0.880	0.884
1970	0.774	1.919	1.455	3.137	1.015	1.096	0.964	0.884	0.908
1971	0.836	2.119	1.511	3.241	1.063	1.183	1.016	0.944	0.935
1972	0.915	2.290	1.649	3.380	1.098	1.231	1.097	1.082	0.966
1973	0.973	2.401	1.681	3.432	1.182	1.304	1.161	1.089	1.086
1974	1.120	2.710	1.897	3.753	1.370	1.410	1.270	1.230	1.120
1975	1.368	3.152	2.332	4.175	1.621	1.569	1.495	1.408	1.296
1976	1.571	3.642	2.560	4.210	1.899	1.738	1.699	1.712	1.364
1977	1.973	3.950	4.210	5.400	2.221	2.132	2.184	2.167	1.816
1978	2.470	4.167	2.400	5.000	2.308	2.406	2.289	2.398	1.894
1979	2.709	4.554	2.840	6.200	2.644	2.862	2.758	2.831	2.213
1980	3.403	5.421	4.467	6.350	3.192	3.228	3.286	3.478	3.053
1981	4.149	6.372	5.066	7.449	3.845	4.090	4.021	3.990	3.754
1982	5.325	7.542	6.129	8.638	4.790	4.962	5.202	4.932	4.460

YEAR	NC	ND	NE	NH	NJ	FM	NV	NY	OH
1960	1.455	0.785	0.831	1.926	2.129	0.792	1.179	1.565	0.787
1961	1.505	0.861	0.843	1.804	2.035	0.795	1.361	1.645	0.799
1962	1.488	0.868	0.828	1.864	1.970	0.815	1.317	1.375	0.806
1963	1.434	0.888	0.816	1.858	1.911	0.801	1.313	1.340	0.819
1964	1.447	0.894	0.820	1.707	1.937	0.915	1.500	1.410	0.825
1965	1.372	0.894	0.817	1.798	1.923	0.931	1.464	1.430	0.858
1966	1.245	0.931	0.807	1.850	1.917	0.785	1.368	1.478	0.859
1967	1.307	0.941	0.794	1.811	1.915	0.910	1.416	1.424	0.857
1968	1.294	0.935	0.795	1.898	1.914	0.889	1.512	1.384	0.855
1969	1.251	0.948	0.831	1.823	1.854	0.910	1.486	1.374	0.870
1970	1.300	1.024	0.851	1.837	1.888	0.928	1.507	1.398	0.900
1971	1.338	1.099	0.922	1.900	1.946	0.954	1.512	1.497	0.984
1972	1.407	1.132	0.991	1.980	2.018	0.973	1.524	1.616	1.054
1973	1.505	1.144	1.041	2.011	2.083	1.003	1.538	1.741	1.110
1974	1.690	1.190	1.140	2.199	2.250	1.240	1.720	2.000	1.240
1975	2.024	1.509	1.281	2.450	2.642	1.330	1.950	2.536	1.504
1976	2.133	1.790	1.366	2.400	3.140	1.363	2.043	2.870	1.773
1977	2.812	2.106	1.041	3.340	3.423	2.115	2.782	3.261	2.212
1978	2.999	2.328	1.908	3.370	3.533	2.496	2.800	3.676	2.423
1979	3.516	2.878	2.304	3.800	4.300	2.732	2.832	4.124	2.808
1980	4.110	3.851	2.729	4.663	5.065	3.323	4.068	4.956	3.546
1981	5.172	4.277	3.451	5.676	5.873	3.864	4.839	5.500	3.966
1982	5.731	4.612	4.157	6.852	7.032	4.948	5.564	6.517	4.465

TABLE 2.5 (cont). Natural Gas Prices: Residential Sector (\$/1000 cu. ft.)

YEAR	OK	OK	PA	RJ	SC	SD	TN	TX	UT
1960	0.707	1.519	1.071	2.028	1.492	0.963	0.948	0.762	0.735
1961	0.713	1.541	1.102	2.055	1.537	0.970	0.947	0.788	0.746
1962	0.719	1.530	1.106	2.027	1.475	0.969	0.797	0.799	0.767
1963	0.730	1.515	1.100	1.957	1.444	0.977	0.969	0.852	0.734
1964	0.726	1.502	1.162	1.915	1.433	0.957	0.919	0.841	0.705
1965	0.768	1.532	1.148	1.863	1.402	0.971	0.914	0.856	0.722
1966	0.771	1.598	1.146	1.851	1.361	1.010	0.902	0.848	0.690
1967	0.776	1.574	1.147	1.810	1.396	0.993	0.903	0.871	0.683
1968	0.773	1.544	1.147	1.777	1.323	0.990	0.885	0.870	0.744
1969	0.820	1.491	1.179	1.780	1.330	1.006	0.886	0.899	0.830
1970	0.841	1.511	1.237	1.832	1.353	1.040	0.912	0.921	0.850
1971	0.874	1.600	1.280	1.932	1.470	1.102	0.976	0.993	0.873
1972	0.898	1.678	1.356	2.053	1.615	1.132	1.024	1.014	0.901
1973	0.919	1.761	1.461	2.373	1.652	1.194	1.077	1.039	0.987
1974	1.050	2.000	1.660	2.550	1.970	1.290	1.170	1.170	1.070
1975	1.218	2.196	1.934	3.085	2.130	1.397	1.291	1.523	1.218
1976	1.497	2.682	2.138	3.360	2.291	1.501	1.611	1.987	1.379
1977	1.783	3.432	2.506	4.228	2.874	1.828	2.094	2.392	1.637
1978	1.930	3.827	2.633	4.180	3.004	2.100	2.140	2.731	1.929
1979	2.198	4.122	3.192	3.668	3.501	2.613	2.365	3.214	2.222
1980	2.461	5.609	3.809	5.692	4.192	3.132	2.891	3.407	2.741
1981	2.945	6.063	4.509	6.606	4.903	3.912	3.437	4.197	3.227
1982	3.534	6.922	5.424	7.960	5.515	4.711	4.320	5.212	3.410

YEAR	VA	VT	WA	WI	WV	WY	US
1960	1.606	0.0	1.495	1.242	0.840	0.649	1.034
1961	1.612	0.0	1.440	1.266	0.837	0.615	1.070
1962	1.580	0.0	1.481	1.243	0.849	0.606	1.043
1963	1.598	0.0	1.470	1.220	0.843	0.649	1.045
1964	1.481	0.0	1.367	1.199	0.836	0.654	1.054
1965	1.498	0.0	1.412	1.163	0.850	0.643	1.048
1966	1.482	1.785	1.561	1.165	0.844	0.649	1.043
1967	1.461	1.748	1.480	1.024	0.842	0.660	1.043
1968	1.439	1.830	1.426	1.097	0.869	0.665	1.041
1969	1.425	1.759	1.362	1.161	0.878	0.681	1.048
1970	1.490	1.773	1.403	1.247	0.891	0.682	1.090
1971	1.522	1.834	1.434	1.264	0.938	0.707	1.149
1972	1.598	1.911	1.467	1.338	0.964	0.740	1.214
1973	1.679	1.941	1.552	1.430	0.974	0.765	1.287
1974	1.870	2.122	1.770	1.500	1.100	0.850	1.455
1975	2.244	2.371	2.274	1.746	1.453	1.017	1.708
1976	2.536	2.840	2.695	2.110	1.668	1.189	1.978
1977	3.028	3.670	3.124	2.495	2.547	1.588	2.349
1978	3.269	3.560	3.482	2.683	2.610	1.911	2.563
1979	3.681	4.000	3.946	3.063	2.925	2.513	3.003
1980	4.266	6.231	5.313	3.840	3.595	2.820	3.682
1981	4.659	6.999	6.022	4.771	4.241	3.511	4.290
1982	6.030	7.245	6.870	5.643	5.208	4.539	5.177

Source: Pacific Northwest Laboratory

TABLE 2.6. Natural Gas Prices: Commercial Sector (\$/1000 cu. ft.)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1960	0.0	0.667	0.494	0.414	0.674	0.558	1.680	1.441	1.601
1961	0.831	0.592	0.508	0.647	0.691	0.560	1.728	1.410	1.520
1962	0.833	0.579	0.459	0.563	0.698	0.537	1.813	1.377	1.503
1963	0.909	0.569	0.481	0.555	0.688	0.546	1.556	1.365	1.444
1964	0.938	0.546	0.524	0.535	0.684	0.557	1.493	1.319	1.400
1965	0.959	0.539	0.449	0.547	0.686	0.542	1.651	1.254	1.460
1966	0.959	0.534	0.444	0.561	0.686	0.494	1.562	1.438	1.300
1967	0.990	0.562	0.498	0.508	0.679	0.556	1.527	1.164	1.222
1968	0.758	0.561	0.490	0.491	0.687	0.547	1.444	1.140	1.266
1969	0.650	0.552	0.493	0.584	0.685	0.548	1.427	1.112	1.224
1970	0.685	0.602	0.526	0.632	0.728	0.570	1.472	1.119	1.245
1971	0.732	0.656	0.547	0.685	0.758	0.593	1.552	1.154	1.271
1972	0.818	0.732	0.568	0.723	0.813	0.644	1.620	1.230	1.355
1973	0.776	0.737	0.617	0.766	0.851	0.683	1.822	1.266	1.386
1974	0.874	0.875	0.756	0.830	0.992	0.828	2.224	1.437	1.630
1975	0.974	1.074	0.891	1.159	1.289	0.990	2.655	1.998	1.901
1976	1.057	1.596	1.018	1.427	1.588	1.089	3.221	2.630	1.976
1977	1.345	1.827	1.589	1.757	2.073	1.403	3.563	3.280	2.947
1978	1.325	2.092	1.625	2.202	2.245	1.725	3.768	3.300	3.851
1979	1.031	2.778	1.362	2.644	2.733	2.290	3.946	3.660	3.743
1980	1.058	3.383	2.276	3.135	3.982	3.015	4.770	4.220	4.045
1981	1.405	4.072	2.816	3.535	4.378	3.837	5.600	5.124	5.179
1982	1.592	4.824	3.628	4.898	5.318	4.566	6.962	6.276	5.586

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1960	1.448	0.683	0.0	0.673	0.889	0.838	0.855	0.539	0.689
1961	1.025	0.695	0.0	0.675	0.899	0.837	0.680	0.416	0.667
1962	1.552	0.683	0.0	0.685	0.852	0.858	0.879	0.458	0.663
1963	1.225	0.708	0.0	0.676	0.899	0.869	0.912	0.455	0.671
1964	1.169	0.700	0.0	0.680	0.952	0.763	0.843	0.411	0.676
1965	1.107	0.701	0.0	0.675	0.888	0.735	0.823	0.408	0.683
1966	1.046	0.687	0.0	0.656	0.941	0.624	0.824	0.443	0.678
1967	0.943	0.691	0.0	0.656	0.946	0.747	0.841	0.414	0.679
1968	0.977	0.700	0.0	0.660	0.897	0.734	0.803	0.430	0.642
1969	0.931	0.698	0.0	0.667	0.912	0.713	0.793	0.422	0.648
1970	0.927	0.740	0.0	0.688	1.014	0.749	0.832	0.454	0.667
1971	1.063	0.850	0.0	0.734	1.010	0.779	0.881	0.471	0.706
1972	1.204	0.887	0.0	0.833	1.030	0.843	0.927	0.510	0.751
1973	1.292	0.935	0.0	0.899	1.070	0.889	0.985	0.533	0.806
1974	1.643	1.015	0.0	0.939	1.212	1.016	1.056	0.598	0.909
1975	1.699	1.096	0.0	1.063	1.548	1.313	1.245	0.671	1.061
1976	1.720	1.382	0.0	1.295	2.060	1.640	1.497	1.098	1.148
1977	2.010	1.754	0.0	1.647	2.420	1.985	1.839	1.194	1.654
1978	2.032	2.075	0.0	1.984	3.075	2.268	2.009	1.171	1.831
1979	2.735	2.524	0.0	2.388	3.456	2.807	2.459	1.607	2.205
1980	3.434	3.680	12.997	2.846	4.592	3.339	2.954	2.997	2.921
1981	3.752	3.980	14.742	3.506	5.002	3.743	3.384	2.406	3.392
1982	4.675	4.743	14.213	4.313	6.123	4.439	4.173	3.239	4.394

TABLE 2.6 (cont). Natural Gas Prices: Commercial Sector (\$/1000 cu. ft.)

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1960	0.392	1.750	1.430	0.0	0.798	0.810	0.719	0.513	0.464
1961	0.387	1.740	1.399	0.0	0.898	0.850	0.645	0.487	0.459
1962	0.449	1.586	1.365	0.0	0.881	0.660	0.640	0.489	0.506
1963	0.452	1.597	1.355	0.0	0.864	0.611	0.654	0.488	0.507
1964	0.418	1.675	1.309	0.0	0.860	0.820	0.780	0.493	0.533
1965	0.428	1.611	1.244	0.0	0.844	0.817	0.877	0.572	0.541
1966	0.461	1.530	1.427	2.744	0.829	0.736	0.551	0.482	0.543
1967	0.405	1.385	1.155	1.981	0.819	0.613	0.562	0.506	0.546
1968	0.372	1.411	1.131	2.118	0.810	0.627	0.611	0.510	0.569
1969	0.383	1.412	1.103	2.034	0.813	0.666	0.595	0.554	0.610
1970	0.379	1.417	1.110	2.094	0.839	0.695	0.627	0.582	0.618
1971	0.410	1.596	1.144	2.177	0.869	0.759	0.651	0.625	0.654
1972	0.462	1.713	1.220	2.379	0.903	0.834	0.754	0.677	0.663
1973	0.511	1.811	1.256	2.479	0.960	0.850	0.780	1.988	0.775
1974	0.601	2.145	1.426	2.744	1.130	0.979	0.896	0.753	0.897
1975	0.798	2.647	1.982	3.080	1.483	1.162	1.154	0.943	1.095
1976	1.099	3.077	2.560	3.330	1.822	1.411	1.354	1.290	1.187
1977	1.092	3.432	3.160	4.260	2.117	1.714	1.863	1.765	1.599
1978	1.442	3.537	3.420	4.310	2.228	2.023	2.002	2.025	1.658
1979	2.280	3.839	3.780	4.720	2.577	2.587	2.526	2.457	1.995
1980	2.694	4.723	3.957	5.124	3.188	2.879	2.928	3.068	3.144
1981	3.693	5.725	4.483	6.128	3.827	3.638	3.592	3.572	4.183
1982	4.927	6.415	5.554	7.324	4.658	4.551	4.766	4.532	4.874

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1960	1.308	0.563	0.576	1.764	1.781	0.479	0.968	1.488	0.788
1961	1.334	0.591	0.581	1.682	1.730	0.496	1.000	1.499	0.729
1962	1.331	0.582	0.604	1.723	1.742	0.498	0.968	1.381	0.731
1963	1.252	0.586	0.586	1.693	1.613	0.642	0.902	1.327	0.742
1964	1.209	0.620	0.564	1.556	1.241	0.469	0.968	1.243	0.744
1965	1.160	0.635	0.574	1.578	1.364	0.505	0.938	1.225	0.754
1966	1.088	0.655	0.559	1.435	1.505	0.578	0.871	1.301	0.751
1967	0.915	0.622	0.482	1.231	1.409	0.485	0.783	1.216	0.743
1968	0.895	0.637	0.486	1.317	1.369	0.473	0.784	1.189	0.734
1969	0.935	0.644	0.512	1.268	1.383	0.472	0.752	1.193	0.749
1970	0.962	0.693	0.528	1.300	1.418	0.476	0.756	1.190	0.763
1971	0.983	0.765	0.587	1.353	1.456	0.500	0.773	1.265	0.820
1972	1.069	0.807	0.583	1.480	1.489	0.526	0.800	1.302	0.878
1973	1.137	0.873	0.758	1.542	1.553	0.524	0.872	1.370	0.925
1974	1.276	1.000	0.812	1.706	1.862	0.716	1.058	1.590	1.077
1975	1.746	1.106	0.994	1.918	2.328	0.797	1.548	2.002	1.344
1976	2.040	1.353	1.154	2.380	2.768	1.071	1.773	2.349	1.622
1977	3.046	1.671	1.394	3.020	3.098	1.676	2.198	2.855	2.070
1978	2.792	1.938	1.538	2.990	3.374	2.001	2.405	3.052	2.240
1979	3.092	2.472	2.004	3.350	3.994	2.304	2.798	3.492	2.600
1980	3.711	3.432	2.286	4.128	4.596	2.927	3.875	4.267	3.316
1981	4.719	3.654	2.961	5.106	5.482	3.388	4.579	4.735	3.421
1982	5.240	4.096	3.492	6.068	6.360	4.435	5.544	5.483	4.646

TABLE 2.6 (cont). Natural Gas Prices: Commercial Sector (\$/1000 cu. ft.)

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1960	0.411	1.437	0.858	1.535	0.998	0.636	0.707	0.505	0.545
1961	0.505	1.474	0.870	1.463	1.073	0.565	0.560	0.528	0.523
1962	0.511	1.468	0.870	1.445	1.023	0.583	0.568	0.544	0.530
1963	0.493	1.439	0.886	1.472	0.992	0.601	0.672	0.577	0.538
1964	0.502	1.404	0.894	1.505	1.049	0.583	0.700	0.561	0.553
1965	0.506	1.353	0.897	1.562	0.983	0.604	0.707	0.542	0.557
1966	0.520	1.394	0.906	1.614	0.988	0.598	0.711	0.545	0.540
1967	0.477	1.386	0.900	1.475	0.939	0.612	0.694	0.439	0.560
1968	0.474	1.354	0.899	1.453	0.953	0.584	0.691	0.444	0.567
1969	0.505	1.272	0.916	1.462	0.868	0.605	0.687	0.458	0.579
1970	0.522	1.278	0.965	1.474	0.889	0.636	0.713	0.454	0.591
1971	0.534	1.312	1.006	1.619	0.985	0.669	0.768	0.496	0.636
1972	0.565	1.432	1.086	1.822	1.008	0.693	0.859	0.524	0.709
1973	0.640	1.452	1.152	1.885	1.017	0.766	0.910	0.555	0.795
1974	0.751	1.710	1.279	2.131	1.129	1.135	0.978	0.709	0.930
1975	0.935	1.863	1.709	2.746	1.253	0.994	1.127	1.050	1.519
1976	1.166	2.373	1.721	3.387	1.482	1.132	1.431	1.422	1.527
1977	1.481	3.077	2.307	3.461	2.115	1.444	2.074	1.797	1.730
1978	1.685	3.387	2.390	3.280	2.457	1.725	2.040	2.196	1.668
1979	3.418	3.718	2.951	3.089	2.784	2.230	2.469	2.845	2.333
1980	2.300	5.110	3.569	5.105	3.210	2.720	3.000	2.993	5.594
1981	2.857	5.430	4.217	5.825	3.962	3.412	3.539	3.661	5.353
1982	3.454	6.294	5.043	6.861	4.811	4.092	4.426	4.486	3.431

YEAR	VA	VT	WA	WI	WV	WY	WIS
1960	1.070	0.0	1.287	1.023	0.690	0.461	0.775
1961	1.082	0.0	0.985	1.010	0.693	0.440	0.778
1962	1.083	0.0	1.003	0.944	0.692	0.426	0.779
1963	1.139	0.0	1.060	1.023	0.699	0.430	0.786
1964	1.129	0.0	1.151	0.993	0.691	0.431	0.771
1965	1.088	0.0	1.247	0.963	0.700	0.434	0.773
1966	1.063	1.624	1.111	0.923	0.697	0.434	0.765
1967	0.928	1.397	1.151	0.805	0.688	0.427	0.735
1968	0.987	1.489	1.090	0.847	0.704	0.431	0.732
1969	0.969	1.433	1.102	0.803	0.704	0.434	0.739
1970	0.962	1.472	1.105	0.834	0.706	0.436	0.769
1971	0.996	1.532	1.128	0.952	0.734	0.477	0.821
1972	1.103	1.675	1.162	0.998	0.746	0.498	0.878
1973	1.128	1.743	1.246	1.108	0.762	0.529	0.944
1974	1.304	1.930	1.331	1.123	0.892	0.592	1.072
1975	1.717	2.171	1.819	1.312	1.220	0.673	1.350
1976	1.895	3.060	2.230	1.712	1.503	0.782	1.641
1977	2.427	3.130	2.674	2.097	2.255	1.198	2.029
1978	2.642	3.430	2.849	2.348	2.153	1.655	2.235
1979	3.134	3.640	3.463	2.690	2.690	2.374	2.755
1980	3.767	6.151	4.834	3.461	3.340	2.653	3.393
1981	4.183	6.851	5.346	4.378	3.952	3.271	4.002
1982	7.061	5.373	6.212	4.944	4.941	4.627	4.822

Source: Pacific Northwest Laboratory

TABLE 2.7. Natural Gas Prices: Industrial Sector (\$/1000 cu. ft.)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1960	0.123	0.317	0.354	0.304	0.368	0.215	0.901	0.812	0.477
1961	0.164	0.317	0.216	0.317	0.380	0.228	1.005	0.909	0.462
1962	0.697	0.318	0.239	0.354	0.393	0.226	1.025	0.993	0.285
1963	0.414	0.310	0.233	0.398	0.383	0.221	0.924	1.003	0.483
1964	0.353	0.306	0.239	0.319	0.375	0.231	0.972	0.916	0.469
1965	0.266	0.281	0.247	0.326	0.453	0.249	0.916	0.895	0.465
1966	0.338	0.302	0.245	0.337	0.349	0.236	0.915	0.794	0.333
1967	0.304	0.316	0.259	0.389	0.339	0.237	0.730	0.463	0.349
1968	0.328	0.321	0.280	0.364	0.361	0.263	1.002	0.432	0.684
1969	0.297	0.323	0.262	0.420	0.375	0.264	1.018	0.436	0.566
1970	0.372	0.335	0.280	0.437	0.390	0.273	1.044	0.445	0.586
1971	0.445	0.391	0.303	0.467	0.423	0.297	1.157	0.469	0.630
1972	0.424	0.424	0.342	0.476	0.456	0.322	1.173	0.487	0.756
1973	0.475	0.475	0.392	0.491	0.515	0.363	1.259	0.504	0.813
1974	0.501	0.579	0.475	0.580	0.664	0.474	1.730	0.768	1.010
1975	0.600	0.745	0.661	0.757	1.036	0.638	2.247	0.888	1.392
1976	0.693	1.093	0.802	0.919	1.372	0.779	2.674	1.770	1.461
1977	0.890	1.320	1.198	1.305	1.825	1.075	2.971	2.540	2.472
1978	0.845	1.627	1.128	1.623	2.018	1.282	3.083	2.780	2.510
1979	0.967	2.203	1.209	2.150	2.605	1.687	3.293	2.640	2.007
1980	0.450	2.512	2.204	2.685	3.568	2.554	4.171	2.456	2.804
1981	0.521	3.119	2.748	3.167	3.888	3.282	5.094	3.009	3.663
1982	0.608	4.149	3.206	4.038	4.761	3.716	6.023	0.0	4.579

YFAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1960	0.327	0.394	0.0	0.313	0.382	0.382	0.389	0.198	0.338
1961	0.349	0.338	0.0	0.308	0.387	0.309	0.397	0.210	0.342
1962	0.347	0.343	0.0	0.309	0.393	0.406	0.385	0.216	0.346
1963	0.339	0.364	0.0	0.314	0.399	0.401	0.391	0.218	0.330
1964	0.316	0.354	0.0	0.310	0.402	0.391	0.378	0.227	0.344
1965	0.340	0.356	0.0	0.365	0.342	0.373	0.388	0.240	0.337
1966	0.340	0.534	0.0	0.359	0.378	0.408	0.413	0.230	0.327
1967	0.322	0.522	0.0	0.334	0.423	0.459	0.471	0.328	0.434
1968	0.375	0.370	0.0	0.370	0.432	0.459	0.422	0.236	0.431
1969	0.357	0.378	0.0	0.311	0.444	0.460	0.418	0.237	0.437
1970	0.389	0.413	0.0	0.367	0.446	0.502	0.474	0.265	0.476
1971	0.441	0.517	0.0	0.393	0.489	0.561	0.511	0.277	0.529
1972	0.494	0.535	0.0	0.464	0.563	0.637	0.557	0.323	0.540
1973	0.572	0.612	0.0	0.518	0.589	0.682	0.590	0.346	0.569
1974	0.743	0.700	0.0	0.600	0.710	0.810	0.700	0.416	0.654
1975	0.999	0.843	0.0	0.779	1.170	1.223	0.902	0.539	0.746
1976	1.035	1.105	0.0	1.009	1.545	1.464	1.080	0.787	1.069
1977	1.128	1.412	0.0	1.351	1.885	1.852	1.476	0.960	1.395
1978	1.155	1.757	0.0	1.659	2.242	2.123	1.688	1.130	1.570
1979	2.142	2.238	0.0	1.950	2.534	2.624	2.169	1.500	1.958
1980	2.702	2.842	0.0	2.516	3.767	3.168	2.604	2.259	2.664
1981	3.190	3.683	0.0	3.089	3.993	3.612	3.041	2.948	3.167
1982	3.887	4.172	0.0	3.742	4.802	4.230	3.755	2.609	3.749

TABLE 2.7 (cont). Natural Gas Prices: Industrial Sector (\$/1000 cu. ft.)

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1960	0.195	0.728	0.812	0.0	0.548	0.314	0.303	0.261	0.234
1961	0.198	0.757	0.818	0.0	0.548	0.308	0.303	0.272	0.226
1962	0.210	0.771	0.782	0.0	0.524	0.304	0.305	0.264	0.218
1963	0.217	0.674	0.772	0.0	0.531	0.310	0.307	0.244	0.225
1964	0.203	0.890	0.768	0.0	0.526	0.345	0.305	0.252	0.268
1965	0.205	0.661	0.690	0.0	0.519	0.347	0.258	0.252	0.274
1966	0.238	0.696	0.698	1.510	0.508	0.349	0.303	0.230	0.271
1967	0.204	0.707	0.710	2.049	0.516	0.386	0.348	0.295	0.293
1968	0.179	0.926	0.662	1.465	0.517	0.374	0.358	0.270	0.288
1969	0.209	0.976	0.673	1.397	0.520	0.396	0.371	0.271	0.304
1970	0.229	1.040	0.684	1.395	0.531	0.418	0.403	0.293	0.313
1971	0.257	1.070	0.718	1.531	0.562	0.447	0.434	0.324	0.326
1972	0.299	1.234	0.751	1.654	0.629	0.485	0.444	0.333	0.349
1973	0.344	1.298	0.776	1.810	0.691	0.541	0.461	0.425	0.402
1974	0.546	1.710	1.181	1.961	0.905	0.640	0.580	0.556	0.544
1975	0.654	2.292	1.378	2.445	1.234	0.836	0.802	0.699	0.905
1976	0.907	2.500	1.620	2.810	1.530	1.129	0.996	1.018	0.944
1977	0.916	2.596	2.180	3.330	1.812	1.123	1.450	1.407	1.458
1978	0.810	3.008	2.590	3.140	1.901	1.236	1.460	1.464	1.552
1979	0.879	3.234	2.160	3.490	2.247	1.453	1.945	2.121	1.557
1980	1.269	4.154	3.251	4.291	2.897	2.499	2.656	2.652	2.768
1981	1.803	5.090	3.974	5.216	3.522	3.183	3.333	3.215	3.928
1982	2.781	5.673	5.041	6.633	4.254	4.097	4.414	3.963	5.001

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1960	0.267	0.489	0.212	0.781	0.506	0.139	0.610	0.662	0.533
1961	0.266	0.474	0.147	0.860	0.529	0.135	0.620	0.645	0.535
1962	0.274	0.482	0.154	0.906	0.561	0.140	0.620	0.656	0.534
1963	0.265	0.450	0.186	0.857	0.533	0.168	0.625	0.604	0.536
1964	0.274	0.508	0.198	0.852	0.473	0.170	0.445	0.567	0.539
1965	0.278	0.467	0.210	0.930	0.504	0.163	0.457	0.656	0.535
1966	0.282	0.404	0.168	0.986	0.550	0.197	0.443	0.604	0.531
1967	0.491	0.159	0.284	1.341	0.563	0.193	0.472	0.939	0.531
1968	0.496	0.187	0.300	0.958	0.569	0.200	0.457	0.635	0.520
1969	0.506	0.188	0.312	0.914	0.686	0.195	0.493	0.641	0.530
1970	0.512	0.183	0.316	0.912	0.696	0.209	0.562	0.694	0.578
1971	0.535	0.191	0.362	1.000	0.739	0.249	0.574	0.770	0.614
1972	0.597	0.237	0.484	1.082	0.811	0.262	0.715	0.856	0.628
1973	0.682	0.226	0.435	1.185	0.870	0.285	0.793	0.908	0.671
1974	0.870	0.302	0.535	1.282	1.110	0.417	0.880	1.109	0.808
1975	1.363	0.415	0.681	1.600	1.699	0.508	1.134	1.492	1.108
1976	1.684	0.530	0.843	2.610	2.178	0.562	1.427	1.573	1.391
1977	2.368	0.715	1.019	3.180	2.419	0.973	1.968	1.916	1.893
1978	1.961	0.753	1.098	2.600	3.389	1.116	1.780	2.270	2.003
1979	2.676	1.104	1.223	3.210	3.186	1.180	2.331	2.718	2.327
1980	3.360	2.214	2.044	3.931	3.748	1.984	2.980	3.503	3.052
1981	4.416	2.170	2.779	4.631	4.724	2.538	3.589	3.959	3.425
1982	4.642	2.773	3.542	5.564	5.241	2.829	4.414	4.964	4.304

TABLE 2.7 (cont). Natural Gas Prices: Industrial Sector (\$/1000 cu. ft.)

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1960	0.156	0.394	0.522	0.858	0.409	0.291	0.329	0.152	0.272
1961	0.158	0.399	0.529	0.835	0.403	0.301	0.225	0.260	0.275
1962	0.181	0.408	0.527	0.826	0.420	0.309	0.333	0.159	0.276
1963	0.186	0.403	0.500	0.768	0.406	0.310	0.310	0.163	0.265
1964	0.179	0.404	0.516	0.772	0.426	0.321	0.295	0.180	0.256
1965	0.180	0.402	0.521	0.793	0.405	0.337	0.316	0.174	0.267
1966	0.201	0.419	0.519	0.840	0.399	0.317	0.328	0.194	0.275
1967	0.186	0.426	0.543	0.812	0.417	0.322	0.368	0.167	0.286
1968	0.200	0.420	0.534	0.829	0.415	0.310	0.369	0.193	0.288
1969	0.198	0.428	0.549	0.816	0.419	0.315	0.369	0.191	0.288
1970	0.207	0.484	0.585	0.866	0.463	0.326	0.389	0.198	0.295
1971	0.221	0.513	0.650	0.958	0.494	0.351	0.444	0.227	0.328
1972	0.235	0.545	0.719	1.148	0.548	0.382	0.495	0.237	0.358
1973	0.292	0.699	0.759	1.337	0.648	0.407	0.496	0.279	0.385
1974	0.394	0.890	0.938	1.730	0.720	0.720	0.609	0.454	0.452
1975	0.571	0.961	1.095	2.129	1.028	0.602	0.750	0.807	0.657
1976	0.747	1.767	1.347	2.291	1.294	0.726	1.172	1.075	0.906
1977	1.073	2.110	1.909	2.947	1.597	0.964	1.493	1.212	1.123
1978	1.239	2.516	2.015	2.800	1.849	1.598	1.612	1.236	1.337
1979	1.375	2.901	2.496	2.669	2.468	2.037	2.102	1.631	1.535
1980	1.857	4.399	3.062	4.542	2.990	2.344	2.578	2.107	2.105
1981	2.321	4.622	3.691	5.326	3.839	3.024	3.154	2.705	2.573
1982	2.873	5.584	4.477	6.183	4.374	3.884	3.959	3.236	2.455

YEAR	VA	VT	WA	WI	WV	WY	US
1960	0.468	0.0	0.398	0.605	0.390	0.145	0.271
1961	0.465	0.0	0.389	0.603	0.397	0.150	0.269
1962	0.479	0.0	0.393	0.589	0.387	0.137	0.280
1963	0.474	0.0	0.401	0.579	0.394	0.131	0.281
1964	0.471	0.0	0.365	0.495	0.585	0.153	0.286
1965	0.455	0.0	0.390	0.518	0.381	0.167	0.278
1966	0.464	1.121	0.373	0.507	0.405	0.182	0.301
1967	0.483	0.917	0.396	0.476	0.450	0.201	0.312
1968	0.493	0.656	0.390	0.526	0.444	0.202	0.314
1969	0.499	0.625	0.395	0.535	0.453	0.208	0.323
1970	0.506	0.624	0.401	0.552	0.453	0.219	0.342
1971	0.567	0.684	0.441	0.577	0.513	0.236	0.377
1972	0.594	0.740	0.472	0.636	0.549	0.258	0.413
1973	0.657	0.809	0.531	0.679	0.627	0.269	0.459
1974	0.927	0.876	0.810	0.770	0.742	0.370	0.649
1975	1.098	1.038	1.344	1.053	1.000	0.462	0.882
1976	1.452	1.570	1.742	1.398	1.280	0.613	1.113
1977	1.928	1.730	2.123	1.781	1.986	0.924	1.346
1978	2.140	2.780	2.509	2.035	1.861	1.092	1.525
1979	2.322	3.240	2.924	2.428	2.442	1.599	2.230
1980	3.031	4.883	4.303	3.144	2.966	2.156	2.422
1981	2.249	5.613	4.625	3.770	3.482	2.684	2.996
1982	4.383	5.464	5.563	4.417	4.167	3.067	3.615

Source: Pacific Northwest Laboratory

TABLE 2.8. Natural Gas Prices: Transportation Sector (\$/1000 cu. ft.)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.0	0.193	0.182	0.154	0.246	0.168	0.349	0.217	0.0
1968	0.0	0.195	0.181	0.152	0.243	0.172	0.684	0.205	0.0
1969	0.0	0.196	0.181	0.153	0.301	0.170	0.295	0.211	0.0
1970	0.257	0.199	0.190	0.166	0.287	0.180	0.320	0.213	0.0
1971	0.271	0.220	0.219	0.171	0.349	0.189	0.318	0.244	0.0
1972	0.279	0.230	0.239	0.185	0.352	0.208	0.350	0.257	0.0
1973	0.282	0.262	0.256	0.216	0.394	0.220	0.400	0.278	0.0
1974	0.300	0.290	0.300	0.280	0.450	0.270	0.500	0.304	0.0
1975	0.351	0.321	0.429	0.355	0.472	0.491	0.581	0.421	0.0
1976	0.573	0.466	0.521	0.438	0.687	0.717	0.593	0.540	0.0
1977	0.585	0.715	0.706	0.636	0.726	1.002	1.500	0.741	0.0
1978	0.503	1.099	0.860	0.752	0.848	1.312	2.600	0.871	2.000
1979	0.138	1.325	1.117	1.290	1.745	1.534	2.525	1.379	1.333
1980	0.729	1.838	1.779	1.625	2.161	2.171	2.761	0.0	0.0
1981	1.129	2.590	2.119	2.219	2.904	2.540	2.938	0.0	3.667
1982	0.602	2.995	2.627	2.858	3.301	2.777	3.534	3.939	3.677

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.186	0.189	0.0	0.169	0.209	0.207	0.196	0.165	0.331
1968	0.185	0.0	0.0	0.161	0.209	0.197	0.208	0.167	0.274
1969	0.195	0.194	0.0	0.166	0.215	0.201	0.212	0.171	0.229
1970	1.980	0.196	0.0	0.173	0.223	0.207	0.214	0.178	0.201
1971	0.207	0.218	0.0	0.186	0.237	0.223	0.232	0.190	0.220
1972	0.244	0.226	0.0	0.200	0.280	0.229	0.250	0.233	0.238
1973	0.255	0.245	0.0	0.217	0.337	0.266	0.266	0.240	0.252
1974	0.340	0.280	0.0	0.260	0.440	0.290	0.280	0.270	0.290
1975	0.363	0.320	0.0	0.337	0.596	0.541	0.380	0.330	0.370
1976	0.491	0.356	0.0	0.522	0.723	0.583	0.452	0.406	0.481
1977	0.719	0.665	0.0	0.731	1.648	0.830	0.808	0.512	0.598
1978	0.850	0.895	0.0	0.987	1.952	0.978	0.856	0.612	0.570
1979	1.354	1.350	0.0	1.174	2.452	1.111	1.208	1.145	1.258
1980	1.771	2.103	0.0	1.551	3.934	1.785	1.731	1.575	1.667
1981	2.380	2.784	0.0	1.894	3.951	2.119	2.185	1.952	2.181
1982	2.575	3.114	0.0	2.498	4.187	2.562	2.914	2.447	2.852

TABLE 2.8 (cont). Natural Gas Prices: Transportation Sector (\$/1000 cu. ft.)

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.187	0.234	0.200	0.587	0.270	0.265	0.203	0.185	0.116
1968	0.192	0.263	0.181	0.0	0.266	0.220	0.200	0.196	0.109
1969	0.053	0.251	0.187	0.0	0.269	0.222	0.202	0.195	0.105
1970	0.197	0.316	0.190	0.0	0.274	0.246	0.209	0.198	0.109
1971	0.212	0.356	0.212	0.0	0.281	0.252	0.231	0.215	0.116
1972	0.230	0.368	0.221	0.0	0.294	0.265	0.247	0.229	0.166
1973	0.244	0.383	0.240	0.0	0.346	0.275	0.263	0.239	0.210
1974	0.280	0.399	0.265	0.0	0.460	0.330	0.290	0.280	0.230
1975	0.388	0.421	0.376	0.0	0.564	0.553	0.391	0.355	0.416
1976	0.497	0.618	0.494	0.0	0.712	0.604	0.476	0.455	0.403
1977	0.807	0.676	0.678	0.0	0.987	1.236	0.797	0.733	0.733
1978	0.959	0.938	0.839	0.0	1.666	1.281	0.871	0.884	0.834
1979	1.301	1.238	1.227	0.0	1.598	2.147	1.198	1.281	1.158
1980	1.806	1.650	2.411	2.628	2.984	1.261	1.715	1.747	1.295
1981	2.364	2.302	2.736	3.200	3.731	4.273	2.122	2.339	1.895
1982	2.906	4.286	3.080	4.919	3.632	4.427	2.811	2.908	2.871

YEAR	NC	ND	NF	NH	NJ	NM	NV	NY	OH
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.185	0.273	0.143	0.367	0.249	0.155	0.458	0.263	0.223
1968	0.186	0.167	0.145	0.0	0.211	0.153	0.0	0.229	0.228
1969	0.197	0.167	0.150	0.0	0.212	0.154	0.0	0.249	0.227
1970	0.188	0.200	0.155	0.0	0.223	0.166	0.0	0.234	0.229
1971	0.212	0.200	0.164	0.0	0.234	0.170	0.0	0.247	0.267
1972	0.225	0.247	0.178	0.0	0.241	0.181	0.0	0.264	0.277
1973	0.235	0.286	0.187	0.0	0.249	0.216	0.0	0.273	0.303
1974	0.250	0.313	0.240	0.0	0.310	0.300	0.0	0.310	0.320
1975	0.307	0.508	0.324	0.0	0.333	0.385	0.0	0.388	0.434
1976	0.461	0.570	0.418	0.0	0.408	0.414	0.0	0.542	0.524
1977	0.625	0.747	0.575	0.0	0.626	0.684	0.0	0.851	0.869
1978	0.842	0.953	0.726	0.0	0.849	0.792	0.0	1.065	1.010
1979	1.300	1.549	1.103	0.0	1.287	1.356	0.0	1.435	1.371
1980	1.963	1.813	1.358	2.731	1.962	1.780	3.265	1.950	1.916
1981	2.890	2.813	1.813	2.318	2.750	2.247	3.726	2.414	2.333
1982	3.109	4.112	2.353	4.824	3.070	2.803	4.318	3.146	3.043

TABLE 2.8 (cont). Natural Gas Prices: Transportation Sector (\$/1000 cu. ft.)

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.151	0.223	0.250	0.727	0.197	0.240	0.202	0.158	0.210
1968	0.154	0.205	0.242	0.333	0.196	0.217	0.197	0.168	0.209
1969	1.650	0.216	0.244	0.389	0.215	0.200	0.197	0.167	0.211
1970	0.178	0.220	0.252	0.333	0.207	0.200	0.198	0.173	0.214
1971	0.180	0.321	0.290	0.375	0.224	0.200	0.216	0.184	0.220
1972	0.192	0.279	0.307	0.375	0.239	0.300	0.230	0.189	0.279
1973	0.221	0.345	0.323	0.421	0.257	0.333	0.244	0.204	0.291
1974	0.260	0.470	0.400	0.409	0.270	0.313	0.280	0.280	0.339
1975	0.278	0.612	0.537	0.546	0.490	0.500	0.365	0.368	0.537
1976	0.363	0.816	0.599	0.750	0.522	0.548	0.485	0.511	0.670
1977	0.581	1.766	0.916	1.667	0.588	0.630	0.734	0.679	1.401
1978	0.661	1.981	0.940	2.083	0.851	0.761	0.886	0.727	1.725
1979	0.991	2.532	1.424	2.056	1.517	1.204	1.264	1.188	1.884
1980	1.452	4.409	1.890	2.922	2.021	1.711	1.725	1.561	2.942
1981	1.828	4.752	2.343	4.741	2.906	2.197	2.250	2.240	3.173
1982	2.531	4.900	3.018	4.535	3.166	2.905	2.956	3.091	2.665

YEAR	VA	VT	WA	WI	WV	WY	US
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.199	0.459	0.218	0.256	0.340	0.141	0.198
1968	0.197	0.0	0.208	0.227	0.333	0.165	0.232
1969	0.196	0.0	0.216	0.229	0.0	0.165	0.209
1970	0.200	0.0	0.218	0.245	0.321	0.169	0.210
1971	0.222	0.0	0.236	0.251	0.334	0.174	0.303
1972	0.268	0.0	0.281	0.264	0.381	0.176	0.233
1973	0.278	0.0	0.328	0.272	0.394	0.238	0.252
1974	0.310	0.0	0.440	0.300	0.450	0.240	0.300
1975	0.376	0.0	0.647	0.442	0.591	0.515	0.534
1976	0.535	0.0	0.779	0.540	0.747	0.655	0.508
1977	0.813	0.0	1.673	1.744	1.119	0.693	0.769
1978	1.490	0.0	1.924	2.093	1.293	1.358	0.897
1979	1.405	0.0	2.382	1.610	0.855	1.587	1.322
1980	2.086	0.0	3.922	4.504	2.237	2.052	1.847
1981	2.810	0.0	4.341	2.830	2.616	2.512	2.390
1982	3.332	5.250	4.715	3.534	3.353	2.912	2.970

Source: Pacific Northwest Laboratory

TABLE 2.9. Natural Gas Prices: Electric Utility Sector (\$/1000 cu. ft.)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.385	0.224	0.265	0.305	0.347	0.218	0.314	0.320	0.295
1968	0.359	0.242	0.254	0.214	0.344	0.219	0.314	0.337	0.325
1969	0.329	0.259	0.259	0.336	0.332	0.226	0.338	0.279	0.337
1970	0.375	0.273	0.255	0.368	0.346	0.234	0.347	0.391	0.379
1971	0.427	0.322	0.283	0.418	0.364	0.263	0.391	0.501	0.477
1972	0.433	0.352	0.314	0.419	0.400	0.308	0.433	0.395	0.484
1973	0.0	0.368	0.352	0.440	0.442	0.314	0.0	0.0	0.698
1974	0.0	0.871	0.401	0.564	0.620	0.416	0.0	0.0	1.825
1975	0.0	1.108	0.608	0.770	1.103	0.536	0.0	0.0	1.075
1976	0.0	1.695	0.787	0.858	1.637	0.711	0.0	0.0	1.136
1977	0.336	1.790	0.993	1.139	2.205	0.939	0.0	0.0	1.913
1978	0.356	2.140	1.113	1.418	2.296	1.137	0.0	0.0	1.891
1979	1.103	2.344	1.748	2.168	2.570	1.700	0.0	0.0	2.864
1980	0.367	2.964	2.212	2.550	3.695	2.591	0.0	0.0	3.513
1981	0.415	3.286	2.748	2.792	4.178	3.164	0.0	0.0	4.324
1982	0.419	3.377	3.088	3.828	5.271	3.483	0.0	0.0	4.205

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.279	0.277	0.0	0.267	0.0	0.261	0.268	0.273	0.266
1968	0.324	0.267	0.0	0.292	0.0	0.278	0.279	0.275	0.272
1969	0.361	0.285	0.0	0.273	0.0	0.310	0.293	0.271	0.276
1970	0.365	0.294	0.0	0.276	0.0	0.360	0.349	0.295	0.292
1971	0.399	0.322	0.0	0.319	0.0	0.390	0.387	0.334	0.334
1972	0.403	0.465	0.0	0.380	0.0	0.439	0.426	0.377	0.365
1973	0.464	0.479	0.0	0.419	0.0	0.612	0.465	0.289	0.336
1974	0.608	0.600	0.0	0.505	0.915	0.779	0.560	0.348	0.540
1975	0.751	0.728	0.0	0.681	1.452	1.156	0.808	0.472	0.689
1976	0.853	1.012	0.0	0.927	1.599	1.404	1.075	0.702	0.845
1977	0.904	1.333	0.0	1.303	2.091	1.841	1.322	0.992	1.098
1978	1.069	1.742	0.0	1.658	2.238	2.782	1.637	1.192	1.057
1979	1.311	2.664	0.0	1.999	2.953	2.770	2.171	1.411	1.697
1980	1.553	2.648	0.0	2.427	3.898	3.262	2.519	1.708	2.211
1981	1.868	3.531	0.0	2.990	4.580	4.225	3.003	2.111	2.643
1982	2.224	4.175	0.0	3.637	5.743	4.696	3.557	2.375	3.472

TABLE 2.9 (cont). Natural Gas Prices: Electric Utility Sector (\$/1000 cu. ft.)

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.212	0.320	0.273	0.0	0.246	0.251	0.229	0.263	0.239
1968	0.212	0.294	0.276	0.0	0.328	0.248	0.238	0.261	0.238
1969	0.217	0.336	0.317	0.0	0.374	0.256	0.246	0.269	0.235
1970	0.218	0.338	0.328	0.0	0.424	0.259	0.264	0.274	0.278
1971	0.241	0.436	0.350	0.746	0.474	0.295	0.306	0.306	0.330
1972	0.274	0.452	0.367	0.972	0.486	0.397	0.368	0.321	0.333
1973	0.315	0.540	0.0	0.0	0.612	0.435	0.336	0.412	0.296
1974	0.428	1.461	0.744	0.0	1.016	0.476	0.446	0.556	0.299
1975	0.654	1.328	1.112	0.0	1.273	0.634	0.588	0.851	0.397
1976	0.814	1.543	1.651	0.0	1.573	0.812	0.772	1.302	0.421
1977	0.940	1.890	2.114	0.0	1.752	1.091	1.119	1.368	0.704
1978	1.154	1.889	1.908	0.0	1.837	1.392	1.147	1.443	0.757
1979	1.524	1.709	1.840	0.0	2.018	1.717	1.493	1.801	2.129
1980	2.094	3.397	2.558	0.0	2.806	1.974	2.171	2.148	4.058
1981	2.819	3.941	2.806	0.0	3.406	2.580	2.619	2.653	4.230
1982	3.229	4.218	4.208	0.0	3.993	3.355	3.720	3.241	2.006

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.292	0.261	0.256	0.0	0.297	0.272	0.390	0.430	0.366
1968	0.314	0.355	0.257	0.0	0.303	0.276	0.256	0.376	0.359
1969	0.344	0.347	0.267	0.0	0.338	0.279	0.402	0.381	0.386
1970	0.381	0.365	0.268	0.0	0.401	0.323	0.413	0.385	0.402
1971	0.480	0.400	0.312	0.482	0.474	0.365	0.453	0.443	0.496
1972	0.502	0.402	0.370	0.423	0.489	0.369	0.471	0.472	0.502
1973	0.520	0.0	0.418	0.0	0.549	0.363	0.537	0.513	0.586
1974	0.940	0.0	0.489	1.188	0.726	0.521	0.762	0.702	0.738
1975	1.429	0.665	0.624	1.020	0.981	0.741	1.168	0.889	1.247
1976	3.444	0.492	0.808	1.818	1.483	1.013	1.516	1.086	1.308
1977	4.233	0.0	0.965	0.0	1.846	1.528	1.823	1.424	1.449
1978	3.074	0.0	1.108	0.0	2.040	1.731	1.610	1.512	1.661
1979	3.018	0.0	1.437	3.072	2.659	2.187	2.322	2.322	1.990
1980	3.260	0.0	1.727	0.0	3.115	2.538	2.776	2.761	2.954
1981	4.630	0.0	2.260	3.527	4.143	2.911	3.376	3.604	3.311
1982	4.625	0.0	2.964	0.0	4.443	3.291	4.184	4.028	4.306

TABLE 2.9 (cont). Natural Gas Prices: Electric Utility Sector (\$/1000 cu. ft.)

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.196	0.399	0.356	0.370	0.301	0.261	0.214	0.261	0.277
1968	0.186	0.385	0.332	0.353	0.303	0.242	0.210	0.205	0.280
1969	0.202	0.369	0.340	0.366	0.308	0.303	0.233	0.220	0.274
1970	0.198	0.384	0.428	0.398	0.379	0.334	0.255	0.251	0.288
1971	0.214	0.435	0.497	0.502	0.445	0.353	0.275	0.286	0.303
1972	0.249	0.451	0.499	0.514	0.487	0.362	0.328	0.288	0.325
1973	0.280	0.588	0.0	0.578	0.535	0.402	0.315	0.279	0.297
1974	0.405	0.778	1.577	0.895	0.773	0.472	0.0	0.459	0.388
1975	0.614	1.316	1.504	1.168	0.730	0.642	0.0	0.780	0.581
1976	1.022	1.702	1.676	0.0	1.034	0.856	0.0	1.039	0.888
1977	1.330	2.018	2.115	0.0	0.0	1.202	0.0	1.249	1.035
1978	1.450	2.381	2.581	0.0	1.792	1.535	0.0	1.415	1.258
1979	1.579	3.420	3.057	2.493	2.208	1.895	0.0	1.639	1.544
1980	1.825	4.278	3.670	0.0	2.482	1.942	0.0	1.907	1.910
1981	2.008	4.604	4.076	3.343	3.369	2.243	0.0	2.530	2.134
1982	2.173	5.320	4.130	4.041	4.049	3.567	0.0	3.243	2.287

YEAR	VA	VT	WA	WI	WV	WY	US
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.285	0.0	0.0	0.292	0.282	0.195	0.280
1968	0.284	0.0	0.0	0.336	0.286	0.206	0.206
1969	0.286	0.0	0.0	0.354	0.314	0.213	0.271
1970	0.298	0.0	0.0	0.428	0.328	0.229	0.292
1971	0.371	0.313	0.0	0.446	0.346	0.288	0.323
1972	0.417	0.342	0.0	0.449	0.383	0.301	0.340
1973	0.399	0.445	0.0	0.471	0.326	0.0	0.345
1974	0.561	0.553	0.0	0.582	0.281	0.571	0.495
1975	0.984	1.182	0.0	0.840	0.800	0.0	0.768
1976	1.154	1.775	0.0	1.209	0.960	2.176	1.053
1977	1.652	2.024	0.0	1.774	2.056	1.949	1.313
1978	1.856	2.244	0.0	1.995	1.809	2.296	1.445
1979	2.264	2.652	2.768	2.305	2.837	2.981	1.781
1980	2.493	4.498	3.536	2.957	2.985	3.902	2.272
1981	3.081	4.824	3.937	3.676	4.481	3.917	2.894
1982	4.070	4.996	5.806	4.226	4.153	4.367	3.491

Source: Pacific Northwest Laboratory

TABLE 2.10. Metallurgical Coal Prices: Industrial Sector (\$/ton)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1970	0.0	11.380	0.0	0.0	11.610	11.610	0.0	0.0	0.0
1971	0.0	12.460	0.0	0.0	12.500	12.500	0.0	0.0	0.0
1972	0.0	14.160	0.0	0.0	13.820	13.820	0.0	0.0	0.0
1973	0.0	17.240	0.0	0.0	16.260	16.260	0.0	0.0	0.0
1974	0.0	33.940	0.0	0.0	34.650	34.650	0.0	0.0	0.0
1975	0.0	40.270	0.0	0.0	37.110	37.110	0.0	0.0	0.0
1976	0.0	40.050	0.0	0.0	40.550	40.550	0.0	0.0	0.0
1977	0.0	55.230	0.0	0.0	42.380	42.380	0.0	0.0	0.0
1978	0.0	48.690	0.0	0.0	45.670	45.670	0.0	0.0	0.0
1979	0.0	48.280	0.0	0.0	46.630	46.630	0.0	0.0	0.0
1980	0.0	52.560	0.0	0.0	52.880	52.880	0.0	0.0	0.0
1981	0.0	55.370	0.0	0.0	60.510	60.510	0.0	0.0	0.0
1982	0.0	58.440	0.0	0.0	55.600	55.600	0.0	0.0	0.0

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	0.0	0.0	0.0	0.0	0.0	11.160	11.840	0.0	11.840
1971	0.0	0.0	0.0	0.0	0.0	13.410	14.670	0.0	11.730
1972	0.0	0.0	0.0	0.0	0.0	14.940	15.730	0.0	15.280
1973	0.0	0.0	0.0	0.0	0.0	16.140	18.390	0.0	17.710
1974	0.0	0.0	0.0	0.0	0.0	32.830	37.030	0.0	32.830
1975	0.0	0.0	0.0	0.0	0.0	39.800	47.250	0.0	42.870
1976	0.0	0.0	0.0	0.0	0.0	38.480	40.640	0.0	44.670
1977	0.0	0.0	0.0	0.0	0.0	42.290	45.180	0.0	47.040
1978	0.0	0.0	0.0	0.0	0.0	49.710	54.150	0.0	50.620
1979	0.0	0.0	0.0	0.0	0.0	48.960	50.250	0.0	47.020
1980	0.0	0.0	0.0	0.0	0.0	51.750	57.050	0.0	48.520
1981	0.0	0.0	0.0	0.0	0.0	56.100	67.060	0.0	54.510
1982	0.0	0.0	0.0	0.0	0.0	59.790	69.400	0.0	54.770

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1970	0.0	0.0	15.630	0.0	10.220	14.150	11.840	0.0	0.0
1971	0.0	0.0	18.940	0.0	17.710	18.990	11.730	0.0	0.0
1972	0.0	0.0	20.520	0.0	19.380	18.160	15.280	0.0	0.0
1973	0.0	0.0	22.590	0.0	21.300	21.290	17.710	0.0	0.0
1974	0.0	0.0	42.700	0.0	44.290	38.680	32.830	0.0	0.0
1975	0.0	0.0	57.270	0.0	55.430	48.370	42.870	0.0	0.0
1976	0.0	0.0	56.650	0.0	53.460	48.700	44.670	0.0	0.0
1977	0.0	0.0	57.210	0.0	53.760	48.410	47.040	0.0	0.0
1978	0.0	0.0	62.670	0.0	56.220	65.290	50.620	0.0	0.0
1979	0.0	0.0	62.200	0.0	59.020	59.020	47.020	0.0	0.0
1980	0.0	0.0	63.900	0.0	60.740	0.0	48.520	0.0	0.0
1981	0.0	0.0	68.480	0.0	64.700	0.0	54.510	0.0	0.0
1982	0.0	0.0	73.150	0.0	66.210	0.0	54.770	0.0	0.0

TABLE 2.10 (cont). Metallurgical Coal Prices: Industrial Sector (\$/ton)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	0.0	0.0	0.0	0.0	15.630	0.0	0.0	15.630	11.350
1971	0.0	0.0	0.0	0.0	18.940	0.0	0.0	18.940	13.520
1972	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.520	15.490
1973	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.590	17.560
1974	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.700	34.890
1975	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.270	42.120
1976	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56.650	40.900
1977	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.210	41.100
1978	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.670	47.170
1979	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.200	47.300
1980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.900	53.540
1981	0.0	0.0	0.0	0.0	0.0	0.0	0.0	68.480	63.060
1982	0.0	0.0	0.0	0.0	0.0	0.0	0.0	73.150	65.250

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1970	0.0	0.0	11.760	0.0	0.0	0.0	11.840	11.840	11.610
1971	0.0	0.0	12.370	0.0	0.0	0.0	11.730	11.730	12.500
1972	0.0	0.0	14.880	0.0	0.0	0.0	15.280	15.280	13.820
1973	0.0	0.0	17.950	0.0	0.0	0.0	17.710	17.710	16.260
1974	0.0	0.0	36.440	0.0	0.0	0.0	32.830	32.830	34.650
1975	0.0	0.0	40.690	0.0	0.0	0.0	42.870	42.870	37.110
1976	0.0	0.0	43.450	0.0	0.0	0.0	44.670	44.670	40.550
1977	0.0	0.0	43.430	0.0	0.0	0.0	47.040	47.040	42.380
1978	0.0	0.0	52.960	0.0	0.0	0.0	50.620	50.620	45.670
1979	0.0	0.0	50.370	0.0	0.0	0.0	47.020	47.020	46.630
1980	0.0	0.0	58.930	0.0	0.0	0.0	48.570	48.520	52.880
1981	0.0	0.0	63.590	0.0	0.0	0.0	54.510	54.510	60.510
1982	0.0	0.0	67.670	0.0	0.0	0.0	54.770	54.770	55.600

YEAR	VA	VT	WA	WI	WV	WY	WS
1970	0.0	0.0	0.0	14.150	10.760	0.0	12.210
1971	0.0	0.0	0.0	18.990	12.520	0.0	14.000
1972	0.0	0.0	0.0	18.160	13.500	0.0	15.730
1973	0.0	0.0	0.0	21.290	15.100	0.0	18.320
1974	0.0	0.0	0.0	38.680	30.450	0.0	36.490
1975	0.0	0.0	0.0	48.370	40.590	0.0	44.210
1976	0.0	0.0	0.0	48.700	43.930	0.0	44.160
1977	0.0	0.0	0.0	48.410	45.250	0.0	46.240
1978	46.460	0.0	0.0	65.290	46.460	0.0	52.050
1979	47.690	0.0	0.0	59.020	47.690	0.0	50.690
1980	49.760	0.0	0.0	60.740	49.760	0.0	56.330
1981	52.460	0.0	0.0	64.700	52.460	0.0	62.860
1982	54.890	0.0	0.0	66.210	54.890	0.0	64.970

Source: Pacific Northwest Laboratory

TABLE 2.11. Steam Coal Prices: Residential Sector (\$/ton)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1970	0.0	7.470	0.0	0.0	0.0	7.498	12.511	11.024	11.024
1971	0.0	9.823	0.0	0.0	0.0	18.317	22.400	30.000	30.000
1972	0.0	23.850	0.0	0.0	0.0	21.475	14.900	35.000	35.001
1973	0.0	31.414	0.0	0.0	0.0	39.777	28.286	37.278	41.562
1974	0.0	48.635	0.0	0.0	0.0	28.040	20.513	59.289	59.289
1975	0.0	47.077	0.0	0.0	0.0	40.702	27.658	45.116	70.371
1976	0.0	49.153	0.0	0.0	0.0	36.373	27.329	45.221	45.221
1977	0.0	50.511	0.0	0.0	0.0	40.459	44.882	67.097	67.097
1978	0.0	72.828	0.0	0.0	0.0	42.870	55.029	71.449	74.207
1979	0.0	59.485	0.0	0.0	0.0	52.862	35.570	64.053	72.601
1980	0.0	64.176	0.0	0.0	0.0	63.031	38.114	69.998	80.569
1981	0.0	80.563	0.0	0.0	0.0	105.470	95.247	82.971	97.980
1982	0.0	71.273	0.0	0.0	0.0	127.980	107.957	84.008	98.911

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	0.0	10.733	0.0	9.149	8.718	8.476	7.171	8.801	6.237
1971	0.0	19.399	0.0	24.850	23.000	30.900	22.750	17.212	19.000
1972	0.0	22.906	0.0	30.000	0.0	31.495	26.890	17.780	22.001
1973	0.0	26.008	0.0	31.108	21.418	29.947	31.476	31.618	32.319
1974	0.0	34.740	0.0	69.479	36.228	44.356	59.726	29.777	49.132
1975	0.0	83.366	0.0	95.136	45.851	54.368	64.928	34.818	54.511
1976	0.0	39.322	0.0	69.142	49.522	57.263	65.210	34.407	55.420
1977	0.0	57.296	0.0	56.894	43.224	57.497	61.600	44.857	60.480
1978	0.0	73.079	0.0	80.976	62.675	59.541	64.346	47.633	62.257
1979	0.0	62.417	0.0	65.096	0.0	77.278	66.935	47.291	57.267
1980	0.0	67.534	0.0	73.965	0.0	87.181	70.614	40.266	59.821
1981	0.0	78.123	0.0	85.223	0.0	67.454	70.700	65.307	67.137
1982	0.0	80.656	0.0	92.152	0.0	74.623	71.463	63.588	65.997

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1970	0.0	12.511	11.024	0.0	10.091	9.742	7.251	0.0	5.686
1971	0.0	22.400	30.000	0.0	33.850	0.0	22.650	0.0	23.351
1972	0.0	14.900	35.000	0.0	39.000	0.0	22.800	0.0	0.0
1973	0.0	28.286	37.278	0.0	37.195	30.343	20.653	0.0	39.108
1974	0.0	20.513	59.289	0.0	71.755	84.368	36.640	0.0	27.792
1975	0.0	27.658	45.116	0.0	79.100	69.962	44.380	0.0	27.462
1976	0.0	27.329	45.221	0.0	73.902	77.137	42.216	0.0	53.577
1977	0.0	44.882	67.097	0.0	84.186	75.641	50.260	0.0	29.653
1978	0.0	55.029	71.449	0.0	83.934	97.272	51.059	0.0	32.340
1979	0.0	35.570	64.053	0.0	81.861	86.262	57.177	0.0	53.969
1980	0.0	38.114	69.998	0.0	80.468	87.419	51.157	0.0	60.046
1981	0.0	95.247	82.971	0.0	97.596	128.431	58.890	0.0	76.694
1982	0.0	107.957	84.008	0.0	100.037	130.234	57.228	0.0	139.878

TABLE 2.11 (cont). Steam Coal Prices: Residential Sector (\$/ton)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	11.450	7.197	9.984	12.511	12.566	0.0	8.718	12.987	8.312
1971	22.750	30.000	0.0	22.400	24.305	0.0	23.000	42.880	23.200
1972	28.750	0.0	0.0	14.900	28.244	0.0	0.0	33.500	27.850
1973	36.309	26.072	31.108	28.286	35.858	0.0	21.418	39.998	30.924
1974	65.385	26.220	39.702	20.513	60.358	0.0	39.702	53.303	67.055
1975	53.126	79.688	0.0	27.658	53.943	0.0	45.851	71.617	67.628
1976	56.198	94.177	57.509	27.329	88.475	0.0	72.746	72.501	67.449
1977	70.532	40.962	64.458	44.882	63.561	0.0	83.683	76.270	71.621
1978	66.268	44.374	85.739	55.029	68.108	0.0	85.739	75.085	68.378
1979	61.998	50.200	63.219	35.570	70.754	0.0	103.064	71.947	68.108
1980	67.637	53.448	65.166	38.114	76.147	0.0	111.491	75.714	73.604
1981	81.605	109.362	107.703	95.247	85.079	0.0	165.090	85.039	79.978
1982	71.942	111.242	105.324	85.094	84.058	0.0	176.000	88.945	77.760

YEAR	OK	OK	PA	RI	SC	SD	TN	TX	UT
1970	0.0	0.0	8.962	12.511	12.511	9.984	6.677	0.0	6.705
1971	0.0	0.0	23.500	22.400	22.400	0.0	22.375	0.0	18.000
1972	0.0	0.0	26.858	14.900	14.900	0.0	24.833	0.0	0.0
1973	0.0	0.0	29.102	28.286	28.286	44.876	27.640	0.0	19.378
1974	0.0	0.0	59.057	20.513	20.513	91.316	48.429	0.0	26.344
1975	0.0	0.0	66.407	27.658	27.658	93.174	45.034	0.0	34.327
1976	0.0	0.0	58.800	27.329	27.329	90.933	45.204	0.0	39.322
1977	0.0	0.0	59.407	44.882	44.882	75.474	49.883	0.0	42.972
1978	0.0	0.0	62.102	55.029	55.029	82.418	47.299	0.0	36.038
1979	0.0	0.0	61.369	35.570	71.098	83.262	50.203	0.0	0.0
1980	0.0	0.0	65.018	38.114	75.065	95.348	60.510	0.0	0.0
1981	0.0	0.0	77.092	95.247	90.544	132.299	69.577	0.0	141.090
1982	0.0	0.0	76.328	107.957	85.830	179.672	55.281	0.0	116.356

YEAR	VA	VT	WA	WI	WV	WY	US
1970	10.811	12.511	8.718	7.251	10.917	4.178	9.028
1971	30.000	22.400	23.000	8.674	38.575	16.700	23.987
1972	36.500	14.900	0.0	10.135	36.083	0.0	25.633
1973	41.530	28.286	30.904	25.243	45.075	26.072	31.394
1974	68.999	20.513	37.965	38.214	75.051	24.649	56.373
1975	70.453	27.658	29.423	31.385	81.067	25.500	61.468
1976	82.700	27.329	49.153	31.458	74.669	36.537	60.048
1977	85.945	44.882	63.328	45.485	79.267	30.156	62.341
1978	93.869	55.029	63.929	38.106	90.467	29.207	63.829
1979	84.495	35.570	64.364	40.542	79.425	35.089	58.239
1980	87.926	38.114	74.373	44.216	88.038	42.925	68.907
1981	99.844	95.247	141.090	97.716	95.098	46.614	83.625
1982	95.911	92.157	109.919	95.931	96.558	47.599	81.192

Source: Pacific Northwest Laboratory

TABLE 2.12. Steam Coal Prices: Industrial Sector (\$/ton)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1970	13.944	7.975	0.0	12.591	8.072	7.475	17.377	9.018	8.635
1971	8.858	9.193	0.0	13.178	12.658	8.702	18.868	11.122	10.740
1972	14.056	9.802	0.0	14.392	13.356	8.016	19.660	11.551	11.169
1973	10.155	10.382	9.230	14.335	13.187	7.926	23.537	13.613	11.310
1974	18.731	19.140	18.586	21.430	24.210	17.661	36.803	39.499	28.512
1975	24.264	24.500	21.860	21.855	21.170	19.069	47.350	36.916	29.899
1976	23.188	28.370	31.550	22.111	25.620	19.140	38.100	25.525	28.140
1977	25.230	30.689	28.302	25.607	28.298	20.857	40.938	26.078	28.825
1978	0.0	37.500	32.840	24.340	26.930	21.800	39.540	29.710	27.980
1979	0.0	36.720	34.180	31.220	35.070	21.460	44.130	38.240	37.410
1980	0.0	41.280	40.430	32.800	38.860	24.180	46.850	40.320	40.910
1981	0.0	47.860	44.550	38.290	45.800	25.100	55.090	40.800	44.090
1982	0.0	48.820	45.640	43.440	51.010	30.350	51.550	47.100	46.320

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	6.038	11.874	0.0	9.623	10.560	10.456	12.175	9.334	11.672
1971	8.000	10.913	0.0	9.805	10.369	9.618	9.570	10.381	8.945
1972	7.773	12.890	0.0	10.520	10.684	11.565	13.105	10.027	12.642
1973	9.072	12.846	0.0	11.636	12.719	12.011	13.300	9.222	13.005
1974	21.418	28.960	0.0	17.510	22.663	18.540	21.400	19.890	18.370
1975	12.520	29.400	0.0	26.300	24.719	25.910	29.700	18.920	29.850
1976	28.120	28.740	0.0	27.200	25.506	28.040	25.370	24.970	27.450
1977	32.324	31.393	0.0	27.678	25.934	30.482	28.095	22.275	28.496
1978	39.060	36.050	0.0	29.970	23.880	34.630	38.370	25.510	34.600
1979	36.500	36.440	0.0	30.030	25.820	34.380	34.150	25.660	38.800
1980	40.410	39.030	0.0	34.260	30.000	37.980	35.060	28.440	40.520
1981	47.180	42.800	0.0	38.180	32.880	41.090	37.810	32.890	44.700
1982	49.750	44.560	0.0	40.360	34.880	43.100	33.260	36.710	46.190

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1970	0.0	18.357	5.220	21.973	12.834	8.962	10.918	3.940	16.604
1971	0.0	14.970	9.629	20.000	12.995	12.777	9.405	4.428	13.369
1972	0.0	21.260	7.753	24.044	14.338	9.450	11.743	5.615	16.855
1973	0.0	26.157	7.856	24.336	14.677	9.099	12.293	6.175	16.900
1974	0.0	41.240	18.480	36.440	23.920	13.580	17.610	18.259	26.384
1975	0.0	62.500	25.040	45.684	34.800	16.420	25.110	21.549	26.735
1976	0.0	43.800	22.910	46.674	32.080	20.960	26.770	24.574	26.854
1977	30.303	49.080	23.330	47.358	32.519	23.975	27.610	25.240	26.764
1978	33.330	51.800	28.450	47.220	36.340	26.700	32.780	37.260	22.610
1979	26.050	49.340	27.420	44.780	37.850	22.360	32.480	30.260	25.300
1980	31.840	54.960	29.260	55.470	43.580	29.480	34.790	36.150	38.890
1981	35.360	53.640	33.740	55.930	51.140	34.390	37.020	44.850	36.660
1982	48.310	53.670	33.460	60.500	54.430	36.030	37.650	47.610	35.570

TABLE 2.12 (cont). Steam Coal Prices: Industrial Sector (\$/ton)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	13.463	9.183	6.831	21.973	7.874	12.630	13.079	12.758	10.599
1971	14.030	8.547	8.392	28.571	12.367	12.749	12.085	13.215	9.705
1972	13.985	9.301	7.794	24.044	11.252	12.769	12.320	13.510	11.938
1973	14.768	8.331	8.233	24.336	11.925	12.789	12.040	13.435	12.684
1974	30.590	17.416	11.410	38.741	25.580	22.179	21.060	25.550	22.470
1975	35.960	18.187	15.570	45.684	30.460	22.579	21.958	32.200	29.720
1976	30.790	18.397	19.880	46.674	22.790	22.970	24.158	32.400	28.090
1977	33.822	19.242	22.191	47.358	45.455	23.395	24.862	32.795	29.790
1978	40.330	21.310	35.720	47.610	32.380	21.530	27.240	35.490	33.070
1979	39.470	16.770	27.080	47.000	44.130	22.790	30.900	38.430	29.860
1980	42.290	22.630	31.500	53.860	47.200	32.600	35.060	41.340	31.180
1981	45.280	28.430	36.700	57.150	55.920	35.270	40.210	46.060	35.490
1982	49.400	22.240	35.110	46.820	54.070	36.050	48.560	49.710	36.250

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1970	12.787	8.858	7.657	0.0	12.889	14.846	7.143	12.708	4.719
1971	15.873	9.288	10.073	0.0	13.111	15.585	10.073	11.723	8.885
1972	9.560	8.034	9.366	0.0	14.122	15.816	8.958	10.649	5.623
1973	12.971	17.541	9.819	0.0	14.870	15.120	9.330	11.326	6.414
1974	19.176	14.960	20.930	0.0	33.610	25.077	24.540	19.978	17.290
1975	19.211	28.572	29.320	0.0	36.040	24.007	27.090	19.645	17.440
1976	26.026	30.772	27.000	0.0	32.000	24.410	23.910	18.803	21.610
1977	27.273	31.477	27.044	0.0	32.659	24.597	26.684	16.767	23.809
1978	24.530	26.170	30.180	0.0	43.620	25.930	31.046	16.008	19.900
1979	24.370	29.530	31.240	0.0	38.230	22.560	31.150	9.290	22.950
1980	30.230	36.500	32.290	0.0	40.220	28.270	33.530	14.550	23.890
1981	33.040	42.100	37.910	0.0	45.750	24.750	37.830	23.810	27.160
1982	37.450	42.660	41.710	48.500	48.730	25.570	40.610	28.740	33.390

YEAR	VA	VT	WA	WI	WV	WY	US
1970	8.940	7.363	12.053	17.265	7.623	7.838	10.889
1971	12.640	7.407	12.945	12.456	8.792	4.484	10.720
1972	9.797	9.956	13.229	18.532	9.260	8.174	11.951
1973	10.304	11.962	23.042	18.868	9.472	8.502	12.289
1974	31.110	33.829	31.799	24.110	21.630	17.658	22.668
1975	34.430	43.051	33.895	33.160	31.350	17.985	29.364
1976	30.300	40.958	35.896	32.560	27.960	18.615	28.061
1977	32.228	31.597	35.585	34.281	29.876	19.313	29.513
1978	37.290	47.610	27.990	38.190	29.490	20.070	34.250
1979	37.060	40.590	34.270	41.660	32.900	21.280	32.290
1980	34.500	53.420	48.740	45.380	33.440	24.310	34.720
1981	45.160	54.630	54.380	47.640	36.690	25.530	39.460
1982	47.360	53.760	55.600	50.290	38.790	23.600	41.010

Source: Pacific Northwest Laboratory

TABLE 2.13. Steam Coal Prices: Electric Utility Sector (\$/ton)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1970	11.570	6.030	0.0	3.890	2.670	5.570	10.570	9.620	9.620
1971	9.047	7.920	0.0	4.780	0.0	6.040	12.830	12.810	12.810
1972	11.740	8.800	0.0	6.620	0.0	6.390	14.030	13.460	13.460
1973	11.989	9.322	0.0	6.533	0.0	6.508	19.908	16.490	14.244
1974	14.200	28.504	0.0	3.694	0.0	7.356	26.421	45.929	27.031
1975	19.937	26.333	0.0	4.338	0.0	8.991	27.970	37.556	29.091
1976	16.940	21.712	0.0	4.726	0.0	8.854	34.640	29.290	25.056
1977	18.830	26.568	0.0	10.025	0.0	11.463	41.000	29.950	27.215
1978	24.744	33.330	16.884	10.374	0.0	12.316	46.000	34.120	31.745
1979	22.770	31.406	19.114	16.030	0.0	13.908	46.560	36.940	33.003
1980	30.630	34.509	22.722	18.773	0.0	16.226	41.294	40.120	37.977
1981	30.630	45.259	26.248	22.003	0.0	19.390	0.0	0.0	50.714
1982	20.300	48.831	29.743	24.933	0.0	21.374	0.0	0.0	54.002

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	6.980	9.020	0.0	6.680	0.0	6.260	5.460	6.730	4.660
1971	7.720	10.130	0.0	7.780	0.0	7.100	6.160	7.450	5.550
1972	9.610	10.560	0.0	8.040	0.0	7.940	6.870	7.780	6.130
1973	12.711	10.548	0.0	11.970	0.0	11.573	9.269	10.700	9.024
1974	23.671	37.266	0.0	15.777	0.0	14.471	15.367	14.645	25.408
1975	31.159	28.048	0.0	19.239	0.0	18.146	16.992	19.986	21.359
1976	25.707	24.984	0.0	18.712	0.0	19.633	16.722	21.446	17.908
1977	30.450	29.017	0.0	19.460	0.0	23.736	20.306	20.727	23.320
1978	32.543	34.653	0.0	20.060	0.0	28.335	24.953	26.173	28.773
1979	34.996	34.999	0.0	18.037	0.0	32.696	25.055	21.333	25.821
1980	39.301	38.457	0.0	22.064	0.0	36.885	27.068	15.648	27.758
1981	47.851	40.867	0.0	27.247	0.0	38.634	31.919	21.466	33.632
1982	51.724	44.640	0.0	28.665	0.0	41.369	34.919	23.802	35.383

YEAR	LA	MA	MD	ME	MI	PN	MO	MS	MT
1970	0.0	8.750	9.620	0.0	8.600	6.870	5.160	6.180	3.000
1971	0.0	9.690	12.810	0.0	10.110	7.250	6.140	6.920	3.210
1972	0.0	13.150	13.460	0.0	10.880	7.610	6.410	8.720	3.380
1973	0.0	23.297	13.076	0.0	12.690	6.791	10.056	9.160	3.363
1974	0.0	28.787	28.554	0.0	31.705	7.888	11.273	14.990	4.038
1975	0.0	39.220	28.801	0.0	26.882	9.764	20.290	27.508	4.268
1976	0.0	22.051	25.741	0.0	26.475	10.877	20.887	26.581	4.528
1977	0.0	25.835	27.088	0.0	25.065	12.003	26.740	29.964	4.433
1978	0.0	30.551	32.610	0.0	28.618	13.329	33.257	37.133	5.108
1979	0.0	56.280	33.514	0.0	33.311	17.121	29.472	33.341	5.746
1980	31.357	52.059	37.279	0.0	32.461	17.589	22.177	36.304	7.043
1981	34.400	64.233	44.347	0.0	41.007	20.087	28.521	55.018	8.772
1982	37.982	65.545	47.663	0.0	46.344	22.982	30.630	58.725	9.787

TABLE 2.13 (cont). Steam Coal Prices: Electric Utility Sector (\$/ton)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	9.810	3.470	8.410	9.890	11.140	2.550	7.820	11.460	6.500
1971	10.700	3.520	9.190	11.820	13.410	2.730	7.360	12.850	7.710
1972	10.600	3.650	9.870	13.030	16.260	2.760	6.670	12.600	8.530
1973	12.524	3.930	10.191	13.790	20.085	2.769	6.224	12.575	10.209
1974	37.792	4.320	15.545	21.970	34.830	3.362	6.325	26.769	25.876
1975	24.030	14.986	20.475	32.550	48.544	4.037	6.855	28.969	22.783
1976	20.713	6.060	21.714	32.441	42.498	4.628	8.425	26.434	19.812
1977	30.931	6.300	25.599	34.715	41.060	5.272	9.522	27.628	21.187
1978	33.614	24.381	23.085	37.970	45.052	7.587	13.136	30.384	25.782
1979	31.286	7.560	21.407	38.411	46.471	8.509	20.642	32.463	27.909
1980	34.980	8.860	21.383	42.580	49.833	9.883	23.173	34.596	32.446
1981	42.283	9.024	20.608	46.226	54.219	12.777	24.243	41.720	37.335
1982	46.094	10.728	20.874	50.943	56.489	14.353	25.955	45.413	39.811

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1970	9.710	5.170	7.300	8.390	9.590	5.800	5.200	0.0	5.730
1971	4.910	4.380	8.630	9.810	11.960	6.920	7.180	3.000	6.930
1972	4.820	3.920	9.890	16.460	11.460	7.270	7.950	3.020	7.100
1973	7.160	2.180	10.036	3.511	12.696	6.216	7.801	1.930	8.507
1974	9.450	2.650	20.669	37.800	35.387	7.714	22.671	2.530	10.159
1975	46.250	18.134	23.287	7.714	24.695	8.691	22.267	3.120	12.685
1976	16.184	3.530	21.770	6.910	22.398	10.529	17.261	16.503	14.879
1977	18.074	4.900	21.754	8.096	31.114	9.655	23.313	17.417	16.849
1978	18.186	22.506	25.932	9.573	33.088	9.803	29.737	20.771	19.716
1979	19.105	34.673	26.863	9.601	33.780	11.185	25.222	29.714	23.190
1980	20.210	23.150	29.174	10.689	36.294	13.453	32.070	30.682	26.260
1981	24.874	26.290	37.434	0.0	44.324	11.896	40.291	21.819	28.994
1982	28.076	28.498	39.664	0.0	47.254	14.533	41.224	23.916	32.584

YEAR	VA	VT	WA	WI	WV	WY	US
1970	9.560	12.250	0.0	8.820	5.820	2.310	7.080
1971	11.140	15.390	0.0	9.800	7.330	2.440	8.180
1972	10.860	16.180	0.0	10.740	8.300	2.820	8.690
1973	13.523	19.221	6.282	13.167	9.873	3.317	10.840
1974	36.345	38.772	5.980	17.925	30.386	3.601	26.579
1975	29.854	52.750	9.156	15.157	21.664	4.097	23.816
1976	26.800	43.330	12.189	14.143	20.995	5.051	21.335
1977	36.392	35.389	11.719	16.148	23.039	6.110	24.996
1978	41.390	16.630	12.490	19.099	27.666	6.630	29.558
1979	41.573	45.947	13.547	20.768	26.603	8.215	29.644
1980	44.057	22.320	15.576	23.880	30.022	9.988	33.002
1981	47.851	54.563	17.958	30.622	39.103	12.003	32.314
1982	48.164	53.941	22.500	34.501	41.903	13.683	34.904

Source: Pacific Northwest Laboratory

TABLE 2.14. Distillate Fuel Prices: Residential Sector (\$/gallon)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1970	0.184	0.157	0.122	0.149	0.149	0.171	0.195	0.190	0.190
1971	0.196	0.177	0.133	0.162	0.162	0.182	0.206	0.195	0.195
1972	0.197	0.179	0.134	0.166	0.166	0.183	0.207	0.195	0.195
1973	0.228	0.191	0.174	0.207	0.207	0.215	0.240	0.230	0.230
1974	0.363	0.295	0.312	0.357	0.357	0.347	0.397	0.359	0.359
1975	0.388	0.344	0.330	0.394	0.388	0.396	0.394	0.374	0.374
1976	0.431	0.386	0.352	0.420	0.431	0.408	0.421	0.403	0.403
1977	0.450	0.456	0.393	0.432	0.450	0.448	0.473	0.460	0.460
1978	0.473	0.482	0.409	0.450	0.432	0.454	0.506	0.496	0.496
1979	0.655	0.635	0.630	0.617	0.625	0.638	0.695	0.657	0.657
1980	0.942	0.945	0.902	0.975	0.927	0.963	0.995	1.025	0.973
1981	1.170	1.189	1.112	1.002	0.996	1.154	1.239	1.312	1.191
1982	1.179	1.131	1.050	1.076	1.041	0.969	1.217	1.302	1.158

YEAR	FL	GA	HJ	IA	ID	IL	IN	KS	KY
1970	0.180	0.172	0.149	0.161	0.184	0.163	0.163	0.157	0.152
1971	0.204	0.193	0.162	0.169	0.196	0.175	0.175	0.171	0.170
1972	0.206	0.195	0.166	0.170	0.197	0.177	0.177	0.172	0.172
1973	0.205	0.224	0.207	0.215	0.228	0.223	0.223	0.192	0.199
1974	0.345	0.348	0.357	0.348	0.363	0.356	0.356	0.337	0.316
1975	0.364	0.358	0.388	0.355	0.394	0.356	0.356	0.363	0.344
1976	0.398	0.401	0.431	0.382	0.420	0.390	0.390	0.396	0.384
1977	0.447	0.455	0.450	0.443	0.449	0.444	0.444	0.446	0.443
1978	0.486	0.488	0.432	0.458	0.485	0.471	0.471	0.458	0.470
1979	0.633	0.641	0.625	0.615	0.665	0.648	0.648	0.681	0.642
1980	0.957	0.957	0.927	0.942	0.941	0.964	0.980	0.951	0.981
1981	1.208	1.199	0.996	1.118	1.130	1.189	1.179	1.126	1.188
1982	1.161	1.158	1.041	1.108	1.147	1.153	1.144	1.100	1.125

YEAR	LA	MA	MD	ME	MI	MN	MJ	MS	MT
1970	0.127	0.197	0.190	0.198	0.166	0.170	0.157	0.152	0.171
1971	0.139	0.208	0.195	0.210	0.177	0.177	0.171	0.170	0.182
1972	0.140	0.209	0.195	0.211	0.178	0.176	0.172	0.172	0.183
1973	0.164	0.245	0.230	0.242	0.189	0.216	0.192	0.199	0.215
1974	0.291	0.367	0.359	0.375	0.325	0.348	0.337	0.316	0.347
1975	0.309	0.395	0.374	0.398	0.348	0.353	0.363	0.344	0.396
1976	0.352	0.421	0.403	0.424	0.385	0.388	0.396	0.364	0.408
1977	0.382	0.475	0.460	0.476	0.454	0.443	0.446	0.443	0.466
1978	0.409	0.508	0.496	0.512	0.483	0.477	0.458	0.470	0.467
1979	0.636	0.693	0.657	0.679	0.687	0.658	0.681	0.642	0.665
1980	0.945	0.995	0.973	0.976	0.987	0.962	0.951	0.981	0.958
1981	1.136	1.238	1.211	1.223	1.214	1.133	1.126	1.188	1.147
1982	1.050	1.222	1.194	1.185	1.181	1.115	1.100	1.125	0.963

TABLE 2.14 (cont). Distillate Fuel Prices: Residential Sector (\$/gallon)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	0.171	0.171	0.157	0.198	0.192	0.120	0.149	0.188	0.166
1971	0.179	0.182	0.171	0.210	0.203	0.127	0.162	0.200	0.177
1972	0.180	0.183	0.172	0.211	0.204	0.130	0.166	0.201	0.178
1973	0.218	0.215	0.192	0.242	0.222	0.170	0.207	0.240	0.189
1974	0.359	0.347	0.337	0.375	0.447	0.335	0.357	0.327	0.325
1975	0.381	0.353	0.363	0.398	0.387	0.394	0.394	0.391	0.348
1976	0.407	0.388	0.396	0.424	0.410	0.420	0.420	0.412	0.385
1977	0.454	0.443	0.446	0.476	0.464	0.446	0.432	0.468	0.444
1978	0.491	0.467	0.458	0.512	0.500	0.410	0.432	0.506	0.474
1979	0.644	0.665	0.681	0.679	0.674	0.628	0.625	0.676	0.665
1980	0.961	0.961	0.951	0.986	0.982	0.937	0.927	0.985	0.923
1981	1.198	1.151	1.126	1.214	1.217	1.113	0.996	1.251	1.181
1982	1.163	0.924	1.100	1.177	1.186	1.070	1.041	1.237	1.148

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1970	0.117	0.184	0.181	0.212	0.172	0.171	0.152	0.127	0.152
1971	0.119	0.196	0.194	0.223	0.187	0.182	0.170	0.139	0.167
1972	0.119	0.197	0.195	0.225	0.188	0.183	0.172	0.140	0.172
1973	0.149	0.228	0.228	0.227	0.213	0.215	0.199	0.164	0.204
1974	0.300	0.363	0.365	0.396	0.336	0.347	0.316	0.291	0.353
1975	0.330	0.388	0.390	0.394	0.380	0.353	0.344	0.309	0.396
1976	0.358	0.431	0.407	0.418	0.407	0.388	0.384	0.352	0.408
1977	0.399	0.467	0.461	0.453	0.456	0.443	0.443	0.382	0.448
1978	0.420	0.485	0.495	0.485	0.481	0.467	0.470	0.409	0.457
1979	0.650	0.665	0.666	0.677	0.616	0.665	0.642	0.636	0.621
1980	0.910	0.984	0.961	0.999	0.950	0.961	0.981	0.898	0.953
1981	1.103	1.120	1.184	1.236	1.111	1.151	1.188	1.108	1.140
1982	1.040	1.141	1.145	1.206	1.160	0.924	1.125	1.038	0.943

YEAR	VA	VT	WA	WI	WV	WY	US
1970	0.183	0.198	0.184	0.163	0.183	0.171	0.185
1971	0.196	0.210	0.196	0.175	0.196	0.182	0.196
1972	0.197	0.211	0.197	0.177	0.197	0.183	0.197
1973	0.222	0.242	0.228	0.223	0.222	0.215	0.228
1974	0.353	0.375	0.363	0.356	0.353	0.347	0.360
1975	0.371	0.398	0.388	0.356	0.371	0.396	0.377
1976	0.403	0.424	0.431	0.390	0.403	0.408	0.406
1977	0.459	0.476	0.467	0.444	0.459	0.448	0.460
1978	0.493	0.512	0.485	0.471	0.494	0.452	0.494
1979	0.668	0.679	0.655	0.648	0.668	0.639	0.656
1980	0.993	1.024	1.001	0.952	0.956	0.960	0.978
1981	1.233	1.260	1.188	1.128	1.208	1.145	1.205
1982	1.199	1.237	1.222	1.129	1.171	0.931	1.185

Source: Pacific Northwest Laboratory

TABLE 2.15. Distillate Fuel Prices: Commercial Sector (\$/gallon)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1970	0.168	0.131	0.117	0.140	0.140	0.144	0.152	0.155	0.155
1971	0.178	0.145	0.126	0.151	0.151	0.150	0.161	0.158	0.158
1972	0.179	0.146	0.127	0.154	0.154	0.149	0.161	0.158	0.158
1973	0.211	0.158	0.166	0.194	0.194	0.183	0.194	0.185	0.185
1974	0.348	0.260	0.299	0.343	0.343	0.316	0.344	0.315	0.315
1975	0.369	0.307	0.320	0.374	0.369	0.348	0.343	0.334	0.334
1976	0.411	0.345	0.340	0.402	0.411	0.367	0.368	0.361	0.361
1977	0.429	0.404	0.384	0.414	0.429	0.403	0.417	0.417	0.417
1978	0.448	0.423	0.397	0.432	0.414	0.414	0.441	0.443	0.443
1979	0.635	0.594	0.611	0.608	0.616	0.603	0.632	0.609	0.609
1980	0.920	0.871	0.874	0.950	0.903	0.900	0.899	0.917	0.890
1981	1.126	1.093	1.078	0.988	0.981	1.087	1.134	1.179	1.116
1982	1.132	1.027	1.018	1.049	1.016	0.918	1.106	1.143	1.068

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	0.150	0.144	0.140	0.146	0.168	0.143	0.143	0.143	0.135
1971	0.166	0.157	0.151	0.153	0.178	0.152	0.152	0.155	0.149
1972	0.168	0.158	0.154	0.154	0.179	0.153	0.153	0.156	0.151
1973	0.169	0.184	0.194	0.198	0.211	0.197	0.197	0.176	0.176
1974	0.304	0.253	0.343	0.323	0.348	0.331	0.331	0.322	0.291
1975	0.320	0.315	0.369	0.338	0.374	0.334	0.334	0.345	0.319
1976	0.350	0.354	0.411	0.363	0.402	0.363	0.363	0.377	0.357
1977	0.400	0.407	0.429	0.422	0.430	0.416	0.416	0.425	0.410
1978	0.426	0.428	0.414	0.435	0.459	0.436	0.436	0.434	0.432
1979	0.592	0.599	0.616	0.604	0.645	0.623	0.623	0.670	0.615
1980	0.882	0.883	0.903	0.906	0.918	0.909	0.920	0.914	0.931
1981	1.110	1.102	0.981	1.085	1.094	1.121	1.115	1.093	1.125
1982	1.054	1.051	1.016	1.065	1.069	1.079	1.106	1.058	1.057

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1970	0.121	0.153	0.155	0.154	0.145	0.144	0.143	0.127	0.144
1971	0.131	0.162	0.158	0.163	0.153	0.147	0.155	0.139	0.150
1972	0.133	0.162	0.158	0.164	0.153	0.146	0.156	0.140	0.149
1973	0.156	0.198	0.185	0.195	0.166	0.184	0.176	0.164	0.183
1974	0.278	0.318	0.315	0.325	0.301	0.316	0.322	0.278	0.316
1975	0.300	0.344	0.334	0.346	0.325	0.325	0.345	0.307	0.348
1976	0.340	0.369	0.361	0.371	0.356	0.356	0.377	0.343	0.367
1977	0.373	0.419	0.417	0.420	0.423	0.407	0.425	0.393	0.420
1978	0.396	0.442	0.443	0.446	0.445	0.431	0.434	0.412	0.426
1979	0.617	0.631	0.609	0.618	0.659	0.625	0.670	0.601	0.628
1980	0.916	0.898	0.890	0.890	0.917	0.899	0.914	0.905	0.895
1981	1.102	1.134	1.126	1.130	1.138	1.075	1.093	1.092	1.081
1982	1.018	1.108	1.087	1.090	1.099	1.035	1.058	1.021	0.972

TABLE 2.15 (cont). Distillate Fuel Prices: Commercial Sector (\$/gallon)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	0.143	0.144	0.143	0.154	0.162	0.117	0.140	0.158	0.145
1971	0.147	0.150	0.155	0.163	0.171	0.122	0.151	0.168	0.153
1972	0.147	0.149	0.156	0.164	0.171	0.125	0.154	0.169	0.153
1973	0.180	0.183	0.176	0.195	0.187	0.164	0.194	0.202	0.166
1974	0.316	0.316	0.322	0.325	0.376	0.325	0.343	0.275	0.301
1975	0.335	0.325	0.345	0.346	0.350	0.374	0.374	0.354	0.325
1976	0.358	0.356	0.377	0.371	0.374	0.402	0.402	0.375	0.356
1977	0.406	0.407	0.425	0.420	0.429	0.428	0.414	0.433	0.415
1978	0.430	0.426	0.434	0.446	0.456	0.401	0.414	0.461	0.437
1979	0.603	0.628	0.670	0.618	0.633	0.614	0.616	0.635	0.638
1980	0.886	0.898	0.914	0.894	0.914	0.917	0.903	0.916	0.878
1981	1.101	1.084	1.093	1.126	1.133	1.089	0.981	1.167	1.117
1982	1.055	0.933	1.058	1.086	1.111	1.047	1.016	1.143	1.078

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1970	0.112	0.168	0.154	0.165	0.142	0.144	0.135	0.121	0.128
1971	0.113	0.178	0.165	0.174	0.150	0.150	0.149	0.131	0.137
1972	0.113	0.179	0.166	0.174	0.150	0.149	0.151	0.133	0.140
1973	0.142	0.211	0.192	0.184	0.175	0.183	0.176	0.156	0.174
1974	0.287	0.348	0.328	0.343	0.299	0.316	0.291	0.278	0.320
1975	0.320	0.369	0.353	0.343	0.334	0.325	0.319	0.300	0.348
1976	0.346	0.411	0.371	0.365	0.358	0.356	0.357	0.340	0.367
1977	0.390	0.445	0.427	0.399	0.408	0.407	0.410	0.373	0.403
1978	0.407	0.459	0.452	0.423	0.426	0.426	0.432	0.396	0.416
1979	0.630	0.645	0.627	0.617	0.590	0.628	0.615	0.617	0.587
1980	0.882	0.952	0.900	0.900	0.881	0.898	0.931	0.870	0.891
1981	1.070	1.086	1.127	1.133	1.064	1.084	1.125	1.074	1.074
1982	1.008	1.101	1.081	1.101	1.053	0.933	1.057	1.007	0.952

YEAR	VA	VT	WA	WI	WV	WY	WY
1970	0.149	0.154	0.168	0.143	0.149	0.144	0.151
1971	0.159	0.163	0.178	0.152	0.159	0.150	0.160
1972	0.160	0.164	0.179	0.153	0.160	0.149	0.160
1973	0.179	0.195	0.211	0.197	0.179	0.183	0.189
1974	0.309	0.325	0.348	0.331	0.309	0.316	0.314
1975	0.332	0.346	0.369	0.334	0.332	0.348	0.340
1976	0.361	0.371	0.411	0.363	0.361	0.367	0.367
1977	0.416	0.420	0.445	0.416	0.416	0.403	0.416
1978	0.440	0.446	0.459	0.436	0.441	0.411	0.437
1979	0.619	0.618	0.635	0.623	0.619	0.604	0.626
1980	0.908	0.912	0.967	0.901	0.888	0.897	0.906
1981	1.134	1.147	1.144	1.082	1.121	1.079	1.117
1982	1.088	1.114	1.169	1.063	1.073	0.941	1.087

TABLE 2.16. Distillate Fuel Prices: Industrial Sector (\$/gallon)^(a)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1970	0.092	0.096	0.093	0.099	0.115	0.115	0.101	0.169	0.108
1971	0.095	0.103	0.099	0.102	0.118	0.114	0.107	0.171	0.109
1972	0.096	0.103	0.099	0.103	0.120	0.113	0.107	0.170	0.109
1973	0.128	0.113	0.131	0.138	0.160	0.149	0.137	0.196	0.125
1974	0.338	0.239	0.252	0.221	0.272	0.250	0.311	0.344	0.274
1975	0.371	0.283	0.290	0.303	0.306	0.272	0.334	0.358	0.303
1976	0.393	0.309	0.284	0.330	0.340	0.301	0.349	0.381	0.327
1977	0.443	0.371	0.360	0.344	0.360	0.306	0.385	0.449	0.373
1978	0.487	0.397	0.368	0.362	0.369	0.330	0.400	0.419	0.394
1979	0.691	0.506	0.491	0.461	0.528	0.391	0.556	0.515	0.545
1980	0.869	0.733	0.675	0.714	0.762	0.739	0.798	1.058	0.791
1981	0.968	0.906	0.808	0.862	0.890	0.805	0.961	0.864	0.947
1982	1.137	0.922	0.865	0.873	0.911	0.803	1.034	1.106	0.973

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	0.078	0.081	0.102	0.105	0.106	0.105	0.103	0.089	0.102
1971	0.084	0.086	0.105	0.108	0.109	0.109	0.106	0.095	0.109
1972	0.084	0.086	0.107	0.108	0.110	0.109	0.106	0.095	0.109
1973	0.086	0.102	0.142	0.146	0.147	0.147	0.144	0.114	0.129
1974	0.279	0.225	0.301	0.284	0.317	0.300	0.302	0.255	0.286
1975	0.305	0.285	0.308	0.299	0.333	0.323	0.311	0.295	0.320
1976	0.324	0.304	0.289	0.329	0.355	0.342	0.316	0.317	0.325
1977	0.374	0.372	0.372	0.358	0.361	0.385	0.368	0.356	0.380
1978	0.406	0.411	0.370	0.386	0.405	0.407	0.384	0.387	0.406
1979	0.530	0.504	0.597	0.528	0.595	0.534	0.519	0.479	0.501
1980	0.797	0.754	0.656	0.732	0.835	0.745	0.772	0.692	0.754
1981	0.951	0.873	0.923	0.813	1.024	0.884	0.893	0.862	0.879
1982	0.979	0.970	0.912	0.918	1.013	0.957	0.933	0.864	0.961

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1970	0.071	0.103	0.112	0.087	0.095	0.115	0.106	0.109	0.121
1971	0.076	0.109	0.114	0.092	0.097	0.114	0.114	0.116	0.120
1972	0.076	0.109	0.113	0.092	0.097	0.113	0.114	0.116	0.119
1973	0.091	0.141	0.130	0.117	0.110	0.149	0.136	0.139	0.157
1974	0.207	0.310	0.298	0.267	0.286	0.290	0.291	0.241	0.296
1975	0.251	0.327	0.325	0.319	0.316	0.331	0.313	0.235	0.339
1976	0.287	0.344	0.348	0.354	0.320	0.343	0.336	0.288	0.314
1977	0.302	0.383	0.383	0.402	0.379	0.382	0.371	0.377	0.343
1978	0.280	0.404	0.408	0.428	0.408	0.411	0.394	0.402	0.374
1979	0.467	0.561	0.538	0.617	0.521	0.556	0.497	0.574	0.614
1980	0.679	0.776	0.777	0.824	0.772	0.785	0.808	0.770	0.720
1981	0.899	0.922	0.945	0.892	0.895	0.891	0.970	0.853	0.977
1982	0.799	1.030	1.005	1.038	0.964	0.962	0.933	0.902	0.987

^(a) Data for 1982 are provisional estimates, and will be updated when data from Annual Survey of Manufactures become available.

TABLE 2.16 (cont). Distillate Fuel Prices: Industrial Sector (\$/gallon)^(a)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	0.101	0.110	0.102	0.095	0.105	0.135	0.133	0.097	0.110
1971	0.101	0.109	0.109	0.101	0.112	0.138	0.137	0.104	0.112
1972	0.100	0.108	0.109	0.101	0.112	0.140	0.139	0.103	0.112
1973	0.125	0.142	0.130	0.128	0.123	0.187	0.185	0.126	0.127
1974	0.275	0.304	0.257	0.304	0.301	0.347	0.311	0.302	0.308
1975	0.304	0.378	0.311	0.318	0.327	0.360	0.324	0.328	0.320
1976	0.333	0.415	0.332	0.325	0.333	0.383	0.347	0.337	0.341
1977	0.378	0.381	0.351	0.376	0.382	0.426	0.390	0.387	0.382
1978	0.397	0.414	0.382	0.401	0.397	0.453	0.417	0.408	0.400
1979	0.517	0.683	0.464	0.401	0.544	0.680	0.650	0.544	0.537
1980	0.762	0.962	0.685	0.795	0.759	0.891	0.906	0.743	0.756
1981	0.904	1.174	0.888	0.878	0.915	1.103	1.036	0.913	0.916
1982	0.948	1.098	0.873	0.971	1.015	1.129	1.024	1.064	0.995

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1970	0.075	0.111	0.097	0.099	0.080	0.101	0.101	0.090	0.089
1971	0.075	0.114	0.104	0.105	0.082	0.100	0.108	0.097	0.091
1972	0.074	0.115	0.103	0.105	0.082	0.099	0.108	0.097	0.092
1973	0.094	0.153	0.118	0.117	0.099	0.131	0.128	0.115	0.123
1974	0.290	0.281	0.301	0.298	0.286	0.323	0.277	0.261	0.271
1975	0.304	0.317	0.330	0.324	0.294	0.357	0.293	0.280	0.302
1976	0.327	0.341	0.335	0.309	0.320	0.376	0.313	0.343	0.338
1977	0.369	0.383	0.387	0.391	0.375	0.391	0.381	0.369	0.357
1978	0.396	0.389	0.396	0.415	0.403	0.438	0.400	0.394	0.360
1979	0.593	0.518	0.530	0.576	0.506	0.604	0.506	0.587	0.505
1980	0.788	0.780	0.786	0.783	0.640	0.784	0.764	0.844	0.762
1981	0.666	0.875	0.917	1.006	0.928	0.913	0.918	0.942	0.863
1982	0.921	0.946	1.003	1.040	0.930	1.022	0.946	0.967	0.934

YEAR	VA	VT	WA	WI	WV	WY	US
1970	0.083	0.117	0.101	0.106	0.098	0.110	0.100
1971	0.088	0.124	0.104	0.109	0.104	0.110	0.104
1972	0.088	0.124	0.105	0.109	0.104	0.109	0.104
1973	0.097	0.157	0.140	0.148	0.115	0.143	0.128
1974	0.259	0.308	0.226	0.295	0.276	0.336	0.277
1975	0.304	0.331	0.284	0.310	0.315	0.349	0.306
1976	0.318	0.371	0.314	0.337	0.333	0.372	0.330
1977	0.370	0.403	0.380	0.381	0.398	0.415	0.371
1978	0.391	0.417	0.407	0.399	0.418	0.442	0.389
1979	0.498	0.613	0.609	0.590	0.538	0.672	0.542
1980	0.739	0.810	0.841	0.718	0.853	1.148	0.781
1981	0.926	0.905	0.933	0.956	0.940	1.394	0.921
1982	0.937	1.063	0.957	0.960	1.001	1.180	0.954

TABLE 2.17. Distillate Fuel Prices: Electric Utility Sector (\$/gallon)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1970	0.0	0.115	0.074	0.108	0.058	0.079	0.058	0.071	0.079
1971	0.0	0.129	0.105	0.098	0.092	0.115	0.084	0.103	0.115
1972	0.0	0.132	0.116	0.147	0.116	0.114	0.099	0.099	0.111
1973	0.0	0.123	0.149	0.143	0.150	0.218	0.133	0.121	0.237
1974	0.0	0.290	0.282	0.291	0.259	0.343	0.312	0.267	0.287
1975	0.0	0.298	0.307	0.314	0.329	0.352	0.316	0.289	0.302
1976	0.0	0.324	0.343	0.338	0.365	0.328	0.336	0.326	0.330
1977	0.0	0.369	0.362	0.372	0.373	0.369	0.333	0.342	0.344
1978	0.0	0.381	0.363	0.384	0.389	0.390	0.293	0.344	0.341
1979	0.0	0.590	0.416	0.694	0.500	0.765	0.543	0.551	0.549
1980	0.0	0.872	0.620	0.905	0.746	0.890	0.836	0.759	0.860
1981	0.0	1.070	0.889	1.023	0.989	1.007	1.041	1.004	1.031
1982	0.0	0.983	0.938	1.024	0.882	0.807	1.005	0.976	0.981

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	0.059	0.062	0.083	0.116	0.0	0.103	0.116	0.099	0.148
1971	0.076	0.107	0.097	0.129	0.0	0.107	0.121	0.126	0.139
1972	0.091	0.099	0.109	0.133	0.0	0.112	0.121	0.123	0.139
1973	0.129	0.152	0.124	0.159	0.0	0.135	0.140	0.187	0.113
1974	0.276	0.293	0.0	0.272	0.281	0.277	0.241	0.288	0.305
1975	0.305	0.312	0.310	0.289	0.297	0.298	0.293	0.286	0.310
1976	0.323	0.337	0.358	0.323	0.0	0.333	0.277	0.308	0.336
1977	0.358	0.379	0.395	0.369	0.396	0.385	0.325	0.359	0.387
1978	0.368	0.387	0.397	0.372	0.445	0.392	0.364	0.363	0.396
1979	0.702	0.539	0.583	0.508	0.459	0.591	0.544	0.501	0.628
1980	0.790	0.858	0.806	0.838	0.0	0.863	0.830	0.785	0.905
1981	0.986	1.073	1.008	1.020	0.0	1.080	1.049	0.976	1.115
1982	0.993	1.003	1.033	0.861	0.0	1.027	0.950	0.941	1.050

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1970	0.092	0.068	0.075	0.067	0.099	0.102	0.110	0.090	0.059
1971	0.098	0.118	0.109	0.076	0.116	0.151	0.131	0.129	0.028
1972	0.125	0.123	0.105	0.074	0.121	0.141	0.113	0.125	0.093
1973	0.201	0.155	0.129	0.077	0.135	0.189	0.180	0.140	0.134
1974	0.437	0.285	0.289	0.328	0.270	0.307	0.297	0.274	0.168
1975	0.273	0.295	0.298	0.347	0.279	0.316	0.311	0.273	0.0
1976	0.297	0.335	0.318	0.357	0.323	0.315	0.319	0.301	0.340
1977	0.340	0.374	0.368	0.391	0.364	0.366	0.369	0.349	0.270
1978	0.352	0.389	0.381	0.415	0.383	0.368	0.367	0.350	0.400
1979	0.406	0.632	0.593	0.659	0.560	0.523	0.610	0.529	0.480
1980	0.638	0.830	0.823	0.873	0.837	0.810	0.827	0.751	0.661
1981	0.880	1.036	1.000	1.049	1.026	1.103	0.999	0.981	0.772
1982	0.901	0.983	0.966	1.044	0.972	0.995	0.959	0.915	0.716

TABLE 2.17 (cont). Distillate Fuel Prices: Electric Utility Sector (\$/gallon)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	0.124	0.169	0.099	0.063	0.070	0.047	0.111	0.069	0.114
1971	0.134	0.166	0.116	0.064	0.110	0.087	0.136	0.087	0.121
1972	0.104	0.179	0.143	0.075	0.112	0.120	0.147	0.101	0.124
1973	0.120	0.131	0.150	0.118	0.138	0.191	0.195	0.123	0.157
1974	0.312	0.285	0.233	0.0	0.295	0.288	0.312	0.309	0.312
1975	0.308	0.295	0.261	0.303	0.288	0.329	0.346	0.290	0.323
1976	0.339	0.345	0.313	0.326	0.315	0.373	0.318	0.318	0.338
1977	0.378	0.382	0.359	0.369	0.368	0.365	0.352	0.366	0.382
1978	0.387	0.400	0.383	0.389	0.385	0.383	0.358	0.367	0.400
1979	0.547	0.566	0.656	0.580	0.595	0.503	0.687	0.592	0.558
1980	0.804	0.849	0.855	0.817	0.808	0.721	0.802	0.775	0.791
1981	1.017	1.045	0.997	1.028	0.997	1.028	0.906	0.985	0.994
1982	0.975	0.997	0.919	0.959	0.961	0.956	0.988	0.959	1.026

YEAR	OK	OK	PA	RI	SC	SD	TN	TX	UT
1970	0.090	0.139	0.078	0.077	0.109	0.132	0.0	0.094	0.051
1971	0.084	0.143	0.119	0.117	0.162	0.156	0.154	0.101	0.052
1972	0.105	0.128	0.120	0.117	0.173	0.155	0.135	0.131	0.053
1973	0.170	0.167	0.159	0.181	0.167	0.160	0.182	0.167	0.066
1974	0.230	0.328	0.321	0.300	0.348	0.0	0.354	0.257	0.313
1975	0.267	0.316	0.312	0.284	0.334	0.320	0.304	0.280	0.323
1976	0.256	0.303	0.327	0.0	0.333	0.360	0.324	0.306	0.337
1977	0.372	0.365	0.388	0.0	0.380	0.409	0.369	0.334	0.364
1978	0.360	0.347	0.389	0.0	0.391	0.411	0.368	0.342	0.352
1979	0.694	0.848	0.578	0.0	0.569	0.664	0.628	0.664	0.662
1980	0.752	0.894	0.809	0.0	0.801	0.886	0.888	0.574	0.873
1981	0.978	0.918	1.006	0.0	1.021	1.078	1.139	0.602	1.027
1982	0.926	0.989	0.980	0.0	0.951	0.923	1.123	0.686	0.972

YEAR	VA	VT	WA	WI	WV	WY	US
1970	0.057	0.144	0.0	0.109	0.139	0.116	0.085
1971	0.073	0.153	0.0	0.140	0.127	0.095	0.107
1972	0.085	0.162	0.071	0.126	0.140	0.158	0.114
1973	0.121	0.176	0.124	0.178	0.185	0.169	0.149
1974	0.287	0.321	0.368	0.278	0.311	0.328	0.296
1975	0.305	0.303	0.0	0.318	0.324	0.341	0.302
1976	0.334	0.319	0.0	0.319	0.351	0.350	0.325
1977	0.385	0.385	0.0	0.366	0.392	0.459	0.369
1978	0.385	0.0	0.464	0.367	0.405	0.479	0.375
1979	0.578	0.737	0.651	0.512	0.585	0.637	0.590
1980	0.818	0.855	0.401	0.772	0.883	0.972	0.790
1981	0.985	0.994	0.890	0.901	1.046	1.062	0.991
1982	0.970	1.029	1.097	0.947	0.988	1.008	0.960

Source: Pacific Northwest Laboratory

TABLE 2.18. Motor Gasoline Prices: Transportation Sector (\$/gallon)

YFAR	AK	AL	AR	AZ	CA	CU	CT	DC	DE
1970	0.399	0.352	0.343	0.350	0.350	0.340	0.370	0.358	0.358
1971	0.407	0.356	0.356	0.359	0.355	0.367	0.378	0.367	0.365
1972	0.402	0.369	0.347	0.354	0.349	0.351	0.376	0.377	0.372
1973	0.434	0.386	0.370	0.383	0.386	0.389	0.410	0.390	0.388
1974	0.597	0.518	0.512	0.515	0.559	0.525	0.548	0.562	0.513
1975	0.647	0.533	0.575	0.578	0.605	0.584	0.576	0.607	0.567
1976	0.670	0.588	0.604	0.605	0.631	0.613	0.600	0.633	0.573
1977	0.711	0.641	0.645	0.637	0.667	0.642	0.639	0.673	0.601
1978	0.744	0.659	0.663	0.678	0.678	0.632	0.668	0.682	0.617
1979	0.974	0.866	0.857	0.865	0.930	0.857	0.896	0.878	0.873
1980	1.276	1.210	1.206	1.194	1.271	1.171	1.244	1.247	1.224
1981	1.448	1.388	1.341	1.327	1.398	1.305	1.401	1.403	1.405
1982	1.419	1.319	1.292	1.290	1.339	1.268	1.292	1.325	1.252

YFAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	0.351	0.350	0.412	0.354	0.351	0.381	0.372	0.330	0.367
1971	0.347	0.363	0.420	0.363	0.350	0.376	0.376	0.332	0.375
1972	0.360	0.361	0.416	0.373	0.352	0.364	0.356	0.322	0.373
1973	0.381	0.386	0.448	0.390	0.400	0.406	0.393	0.379	0.403
1974	0.509	0.549	0.597	0.513	0.537	0.560	0.559	0.524	0.553
1975	0.549	0.592	0.681	0.575	0.601	0.591	0.595	0.563	0.587
1976	0.571	0.606	0.709	0.604	0.623	0.608	0.609	0.589	0.603
1977	0.588	0.644	0.740	0.648	0.656	0.646	0.646	0.621	0.640
1978	0.648	0.659	0.777	0.678	0.687	0.666	0.674	0.639	0.651
1979	0.875	0.882	0.974	0.886	0.892	0.909	0.900	0.850	0.868
1980	1.214	1.239	1.352	1.224	1.205	1.227	1.235	1.160	1.191
1981	1.358	1.385	1.560	1.362	1.373	1.361	1.360	1.265	1.329
1982	1.315	1.304	1.536	1.322	1.337	1.280	1.301	1.257	1.285

YEAR	IA	MA	MD	ME	MI	MN	MO	MS	MT
1970	0.358	0.358	0.357	0.378	0.339	0.372	0.341	0.355	0.362
1971	0.356	0.366	0.361	0.391	0.345	0.371	0.362	0.375	0.368
1972	0.341	0.359	0.377	0.381	0.342	0.371	0.358	0.375	0.353
1973	0.365	0.391	0.392	0.402	0.396	0.391	0.392	0.385	0.396
1974	0.500	0.548	0.565	0.544	0.569	0.541	0.541	0.522	0.538
1975	0.562	0.592	0.608	0.571	0.591	0.579	0.569	0.542	0.597
1976	0.604	0.602	0.620	0.588	0.601	0.595	0.582	0.572	0.609
1977	0.630	0.645	0.654	0.629	0.642	0.632	0.618	0.624	0.656
1978	0.665	0.644	0.666	0.652	0.642	0.633	0.626	0.647	0.693
1979	0.875	0.874	0.878	0.882	0.912	0.876	0.866	0.901	0.876
1980	1.219	1.212	1.242	1.222	1.263	1.195	1.166	1.266	1.073
1981	1.364	1.354	1.376	1.356	1.396	1.347	1.281	1.407	1.308
1982	1.282	1.261	1.310	1.259	1.320	1.311	1.227	1.372	1.298

TABLE 2.18 (cont). Motor Gasoline Prices: Transportation Sector (\$/gallon)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	0.353	0.354	0.378	0.365	0.374	0.368	0.383	0.365	0.367
1971	0.373	0.371	0.375	0.383	0.381	0.370	0.378	0.377	0.379
1972	0.373	0.325	0.375	0.376	0.363	0.364	0.390	0.394	0.379
1973	0.393	0.392	0.401	0.401	0.386	0.383	0.418	0.420	0.386
1974	0.522	0.528	0.534	0.547	0.569	0.530	0.548	0.564	0.556
1975	0.569	0.587	0.596	0.596	0.599	0.591	0.593	0.601	0.591
1976	0.605	0.625	0.632	0.595	0.611	0.595	0.592	0.613	0.593
1977	0.620	0.665	0.662	0.631	0.646	0.637	0.640	0.647	0.625
1978	0.640	0.690	0.688	0.655	0.644	0.664	0.681	0.668	0.643
1979	0.854	0.894	0.902	0.892	0.895	0.844	0.917	0.918	0.863
1980	1.214	1.209	1.222	1.243	1.243	1.176	1.236	1.267	1.182
1981	1.365	1.337	1.372	1.379	1.356	1.344	1.402	1.388	1.326
1982	1.311	1.307	1.331	1.319	1.269	1.321	1.386	1.307	1.289

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1970	0.353	0.354	0.365	0.362	0.344	0.372	0.356	0.333	0.344
1971	0.351	0.358	0.372	0.369	0.357	0.360	0.356	0.342	0.350
1972	0.348	0.353	0.367	0.361	0.366	0.327	0.355	0.338	0.355
1973	0.375	0.384	0.379	0.383	0.384	0.387	0.375	0.349	0.374
1974	0.505	0.520	0.550	0.527	0.531	0.525	0.508	0.497	0.504
1975	0.565	0.555	0.590	0.562	0.544	0.587	0.573	0.545	0.565
1976	0.595	0.573	0.602	0.586	0.580	0.611	0.597	0.565	0.586
1977	0.638	0.616	0.640	0.622	0.613	0.640	0.641	0.600	0.610
1978	0.668	0.661	0.639	0.638	0.627	0.668	0.669	0.610	0.638
1979	0.859	0.903	0.876	0.890	0.865	0.885	0.876	0.816	0.883
1980	1.205	1.220	1.215	1.239	1.218	1.208	1.213	1.151	1.206
1981	1.341	1.351	1.357	1.376	1.355	1.336	1.357	1.294	1.348
1982	1.275	1.312	1.257	1.267	1.328	1.327	1.294	1.227	1.347

YEAR	VA	VI	WA	WI	WV	WY	WIS
1970	0.356	0.387	0.365	0.332	0.357	0.366	0.356
1971	0.358	0.401	0.367	0.346	0.378	0.371	0.363
1972	0.367	0.401	0.360	0.336	0.384	0.346	0.361
1973	0.395	0.417	0.393	0.384	0.392	0.394	0.388
1974	0.551	0.559	0.537	0.538	0.515	0.537	0.540
1975	0.596	0.586	0.577	0.568	0.577	0.597	0.581
1976	0.627	0.601	0.601	0.583	0.591	0.617	0.601
1977	0.667	0.620	0.646	0.619	0.632	0.660	0.637
1978	0.674	0.642	0.675	0.623	0.641	0.691	0.655
1979	0.869	0.904	0.897	0.858	0.891	0.895	0.882
1980	1.235	1.255	1.231	1.179	1.253	1.093	1.220
1981	1.384	1.392	1.374	1.319	1.394	1.338	1.358
1982	1.317	1.316	1.305	1.244	1.302	1.338	1.296

Source: Pacific Northwest Laboratory

TABLE 2.19. Diesel Fuel Prices: Transportation Sector (\$/gallon)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1970	0.0	0.184	0.160	0.174	0.197	0.167	0.193	0.183	0.173
1971	0.0	0.187	0.169	0.181	0.216	0.172	0.207	0.193	0.186
1972	0.0	0.197	0.171	0.184	0.206	0.171	0.208	0.195	0.191
1973	0.0	0.243	0.199	0.205	0.247	0.204	0.250	0.244	0.247
1974	0.0	0.378	0.326	0.352	0.406	0.339	0.377	0.385	0.386
1975	0.0	0.405	0.351	0.380	0.447	0.346	0.403	0.390	0.390
1976	0.0	0.428	0.374	0.394	0.460	0.374	0.430	0.417	0.417
1977	0.0	0.463	0.429	0.457	0.458	0.428	0.501	0.490	0.490
1978	0.0	0.457	0.438	0.472	0.458	0.446	0.526	0.515	0.515
1979	0.0	0.660	0.656	0.665	0.683	0.669	0.738	0.750	0.761
1980	0.0	0.969	0.929	1.018	0.980	0.988	1.027	1.068	1.071
1981	0.0	1.187	1.123	1.173	1.129	1.140	1.250	1.182	1.192
1982	0.0	1.124	1.068	1.112	1.105	1.075	1.208	1.100	1.101

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	0.200	0.159	0.189	0.177	0.182	0.193	0.170	0.164	0.201
1971	0.209	0.208	0.202	0.178	0.189	0.198	0.171	0.164	0.194
1972	0.216	0.209	0.203	0.182	0.194	0.201	0.178	0.170	0.196
1973	0.256	0.243	0.222	0.214	0.225	0.249	0.224	0.216	0.222
1974	0.359	0.371	0.326	0.348	0.358	0.373	0.368	0.357	0.370
1975	0.401	0.419	0.365	0.368	0.372	0.394	0.373	0.375	0.388
1976	0.440	0.434	0.395	0.399	0.399	0.416	0.390	0.387	0.415
1977	0.491	0.488	0.434	0.459	0.435	0.479	0.466	0.435	0.469
1978	0.522	0.500	0.474	0.468	0.449	0.502	0.468	0.456	0.467
1979	0.769	0.722	0.664	0.700	0.674	0.748	0.697	0.696	0.666
1980	1.070	1.038	1.025	0.966	0.964	1.033	0.995	0.978	0.951
1981	1.271	1.213	1.201	1.148	1.131	1.222	1.197	1.135	1.144
1982	1.139	1.098	1.180	1.104	1.103	1.181	1.151	1.095	1.089

YEAR	IA	MA	MD	ME	MI	MN	MO	MS	MT
1970	0.151	0.188	0.183	0.193	0.176	0.177	0.171	0.280	0.172
1971	0.162	0.206	0.193	0.207	0.181	0.177	0.176	0.244	0.178
1972	0.164	0.208	0.195	0.208	0.179	0.173	0.178	0.215	0.179
1973	0.197	0.250	0.248	0.250	0.229	0.224	0.215	0.245	0.213
1974	0.333	0.378	0.385	0.379	0.369	0.354	0.350	0.367	0.358
1975	0.352	0.403	0.390	0.403	0.384	0.370	0.377	0.381	0.368
1976	0.371	0.430	0.418	0.430	0.401	0.399	0.400	0.448	0.387
1977	0.415	0.501	0.491	0.502	0.468	0.461	0.436	0.525	0.436
1978	0.429	0.526	0.515	0.526	0.493	0.463	0.459	0.535	0.456
1979	0.656	0.741	0.752	0.735	0.718	0.704	0.696	0.754	0.671
1980	0.949	1.026	1.067	1.028	0.998	0.993	0.967	1.064	0.992
1981	1.193	1.256	1.183	1.255	1.199	1.156	1.149	1.292	1.159
1982	1.055	1.213	1.099	1.210	1.157	1.126	1.104	1.227	1.128

TABLE 2.19 (cont). Diesel Fuel Prices: Transportation Sector (\$/gallon)

YFAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	0.181	0.184	0.159	0.183	0.218	0.160	0.208	0.200	0.175
1971	0.185	0.183	0.160	0.207	0.243	0.162	0.221	0.202	0.194
1972	0.190	0.185	0.160	0.208	0.278	0.167	0.221	0.196	0.191
1973	0.244	0.222	0.211	0.250	0.297	0.206	0.252	0.243	0.224
1974	0.408	0.354	0.340	0.379	0.411	0.346	0.400	0.375	0.362
1975	0.433	0.370	0.347	0.403	0.445	0.363	0.417	0.394	0.383
1976	0.460	0.405	0.387	0.430	0.440	0.387	0.425	0.420	0.410
1977	0.516	0.453	0.438	0.502	0.476	0.431	0.456	0.481	0.466
1978	0.536	0.471	0.453	0.526	0.506	0.456	0.480	0.509	0.490
1979	0.728	0.706	0.687	0.746	0.712	0.669	0.690	0.727	0.712
1980	1.017	1.003	0.979	1.023	1.018	0.967	1.021	1.034	0.964
1981	1.232	1.189	1.163	1.249	1.215	1.191	1.210	1.310	1.183
1982	1.189	1.143	1.093	1.209	1.150	1.106	1.160	1.242	1.148

YFAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1970	0.155	0.186	0.187	0.188	0.183	0.183	0.178	0.146	0.183
1971	0.156	0.197	0.190	0.206	0.214	0.182	0.183	0.160	0.194
1972	0.157	0.193	0.196	0.209	0.216	0.187	0.190	0.160	0.193
1973	0.206	0.220	0.239	0.256	0.261	0.229	0.236	0.194	0.233
1974	0.343	0.344	0.364	0.373	0.406	0.360	0.375	0.324	0.391
1975	0.362	0.373	0.366	0.403	0.418	0.377	0.419	0.346	0.412
1976	0.389	0.395	0.409	0.430	0.445	0.406	0.425	0.371	0.395
1977	0.450	0.427	0.473	0.501	0.493	0.469	0.458	0.414	0.445
1978	0.468	0.442	0.494	0.526	0.520	0.488	0.482	0.426	0.465
1979	0.730	0.657	0.720	0.740	0.694	0.700	0.696	0.664	0.691
1980	1.013	0.965	0.978	1.028	1.058	0.987	1.005	0.983	0.974
1981	1.194	1.101	1.201	1.239	1.252	1.168	1.176	1.155	1.131
1982	1.131	1.084	1.168	1.208	1.172	1.115	1.093	1.091	1.097

YFAR	VA	VT	WA	WI	WV	WY	US
1970	0.173	0.198	0.183	0.184	0.238	0.181	0.181
1971	0.183	0.207	0.193	0.186	0.265	0.184	0.190
1972	0.184	0.208	0.199	0.185	0.288	0.181	0.190
1973	0.220	0.251	0.223	0.224	0.346	0.209	0.221
1974	0.358	0.378	0.348	0.341	0.506	0.355	0.366
1975	0.378	0.403	0.368	0.363	0.551	0.375	0.391
1976	0.403	0.401	0.401	0.390	0.507	0.401	0.413
1977	0.462	0.502	0.433	0.448	0.560	0.449	0.449
1978	0.487	0.526	0.442	0.475	0.600	0.466	0.463
1979	0.690	0.745	0.643	0.714	0.826	0.693	0.687
1980	1.009	0.945	0.933	1.010	1.160	1.025	0.988
1981	1.225	1.251	1.135	1.172	1.412	1.165	1.160
1982	1.176	1.210	1.118	1.130	1.365	1.117	1.114

Source: Pacific Northwest Laboratory

TABLE 2.20. Kerosene Prices: Residential Sector (\$/gallon)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1970	0.0	0.219	0.189	0.391	0.347	0.204	0.229	0.203	0.181
1971	0.0	0.225	0.191	0.363	0.371	0.208	0.225	0.248	0.194
1972	0.0	0.228	0.200	0.330	0.409	0.210	0.228	0.227	0.205
1973	0.0	0.262	0.227	0.346	0.479	0.246	0.262	0.257	0.257
1974	0.0	0.399	0.371	0.535	0.721	0.387	0.407	0.397	0.396
1975	0.0	0.447	0.378	0.628	0.685	0.399	0.427	0.454	0.454
1976	0.0	0.480	0.391	0.619	0.701	0.431	0.452	0.443	0.443
1977	0.0	0.521	0.463	0.704	0.773	0.483	0.506	0.520	0.520
1978	0.0	0.576	0.487	0.749	0.814	0.514	0.541	0.552	0.552
1979	0.0	0.943	0.699	0.853	1.163	0.571	0.719	0.746	0.746
1980	0.0	0.811	1.044	1.576	1.756	1.077	1.100	1.154	1.154
1981	0.0	1.507	1.270	1.927	2.065	1.320	1.422	1.458	1.458
1982	0.0	1.458	1.251	1.934	2.099	1.326	1.456	1.426	1.426

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	0.220	0.199	0.396	0.212	0.337	0.222	0.215	0.190	0.234
1971	0.216	0.207	0.427	0.219	0.326	0.227	0.205	0.193	0.215
1972	0.216	0.222	0.468	0.219	0.417	0.225	0.187	0.199	0.217
1973	0.248	0.254	0.487	0.251	0.434	0.259	0.238	0.235	0.255
1974	0.400	0.401	0.619	0.375	0.536	0.396	0.382	0.365	0.399
1975	0.442	0.452	0.700	0.403	0.550	0.429	0.420	0.384	0.422
1976	0.480	0.459	0.760	0.440	0.588	0.452	0.439	0.407	0.446
1977	0.546	0.537	0.849	0.503	0.645	0.526	0.516	0.477	0.485
1978	0.584	0.574	0.894	0.535	0.687	0.551	0.541	0.507	0.536
1979	0.791	0.779	1.277	0.737	0.763	0.786	0.772	0.699	0.836
1980	1.203	1.184	1.928	1.093	1.439	1.175	1.154	1.036	0.825
1981	1.515	1.491	2.267	1.337	1.764	1.443	1.417	1.268	1.405
1982	1.502	1.478	2.304	1.298	1.772	1.402	1.377	1.231	1.355

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1970	0.216	0.219	0.203	0.216	0.211	0.205	0.193	0.278	0.232
1971	0.228	0.225	0.248	0.225	0.208	0.208	0.211	0.288	0.241
1972	0.237	0.228	0.227	0.228	0.212	0.212	0.213	0.295	0.244
1973	0.274	0.262	0.257	0.262	0.256	0.242	0.247	0.306	0.291
1974	0.437	0.407	0.397	0.407	0.405	0.374	0.375	0.427	0.416
1975	0.461	0.427	0.454	0.427	0.421	0.393	0.389	0.513	0.427
1976	0.511	0.452	0.443	0.452	0.436	0.426	0.425	0.553	0.439
1977	0.597	0.506	0.520	0.506	0.509	0.498	0.494	0.598	0.501
1978	0.627	0.541	0.552	0.541	0.533	0.530	0.525	0.661	0.533
1979	0.900	0.719	0.746	0.719	0.761	0.730	0.723	1.083	0.592
1980	1.345	1.100	1.154	1.100	1.138	1.082	1.073	0.932	1.117
1981	1.636	1.422	1.458	1.422	1.397	1.325	1.313	1.730	1.369
1982	1.611	1.456	1.426	1.456	1.357	1.286	1.275	1.674	1.375

TABLE 2.20 (cont). Kerosene Prices: Residential Sector (\$/gallon)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	0.189	0.223	0.187	0.213	0.232	0.201	0.451	0.211	0.192
1971	0.196	0.220	0.188	0.225	0.239	0.201	0.468	0.224	0.201
1972	0.200	0.220	0.189	0.228	0.244	0.206	0.443	0.223	0.200
1973	0.238	0.259	0.234	0.262	0.293	0.241	0.480	0.273	0.236
1974	0.368	0.361	0.356	0.407	0.445	0.388	0.623	0.410	0.378
1975	0.399	0.363	0.370	0.427	0.474	0.411	0.647	0.442	0.391
1976	0.432	0.403	0.410	0.452	0.510	0.430	0.644	0.463	0.420
1977	0.487	0.459	0.469	0.506	0.569	0.482	0.733	0.521	0.487
1978	0.521	0.488	0.498	0.541	0.604	0.512	0.779	0.552	0.510
1979	0.706	0.672	0.687	0.719	0.820	0.588	0.888	0.750	0.729
1980	1.074	0.997	1.018	1.100	1.252	1.075	1.640	1.146	1.089
1981	1.353	1.220	1.247	1.422	1.601	1.324	2.005	1.465	1.337
1982	1.341	1.185	1.210	1.456	1.601	1.327	2.013	1.465	1.300

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1970	0.191	0.377	0.211	0.230	0.213	0.211	0.219	0.175	0.354
1971	0.195	0.403	0.219	0.225	0.216	0.212	0.218	0.188	0.405
1972	0.191	0.440	0.214	0.228	0.218	0.218	0.226	0.190	0.429
1973	0.226	0.454	0.246	0.262	0.256	0.243	0.256	0.216	0.482
1974	0.375	0.506	0.390	0.407	0.403	0.375	0.427	0.364	0.621
1975	0.388	0.515	0.421	0.427	0.426	0.392	0.457	0.408	0.696
1976	0.417	0.522	0.440	0.452	0.447	0.424	0.468	0.424	0.644
1977	0.477	0.581	0.494	0.506	0.506	0.487	0.517	0.501	0.743
1978	0.504	0.612	0.524	0.541	0.541	0.517	0.572	0.526	0.791
1979	0.708	0.874	0.712	0.719	0.734	0.713	0.892	0.756	0.879
1980	1.074	1.320	1.087	1.100	1.116	1.057	0.880	1.130	1.657
1981	1.311	1.551	1.389	1.422	1.405	1.294	1.500	1.374	2.032
1982	1.293	1.577	1.390	1.456	1.393	1.256	1.446	1.353	2.041

YEAR	VA	VT	WA	WI	WV	WY	US
1970	0.194	0.220	0.333	0.198	0.221	0.230	0.207
1971	0.203	0.225	0.357	0.205	0.229	0.231	0.215
1972	0.204	0.228	0.375	0.214	0.232	0.266	0.215
1973	0.241	0.262	0.403	0.249	0.260	0.285	0.253
1974	0.372	0.407	0.468	0.379	0.399	0.416	0.394
1975	0.404	0.427	0.488	0.400	0.428	0.428	0.423
1976	0.430	0.452	0.543	0.419	0.463	0.439	0.448
1977	0.487	0.506	0.580	0.430	0.519	0.491	0.509
1978	0.521	0.541	0.611	0.513	0.555	0.523	0.544
1979	0.707	0.719	0.873	0.732	0.753	0.581	0.726
1980	1.075	1.100	1.318	1.095	1.145	1.095	1.077
1981	1.354	1.422	1.550	1.344	1.442	1.343	1.422
1982	1.342	1.456	1.575	1.307	1.429	1.348	1.400

Source: Pacific Northwest Laboratory

TABLE 2.21. Kerosene Prices: Industrial Sector (\$/gallon)

YFAR	AK	AL	AR	AZ	CA	CU	CT	DC	DE
1970	0.0	0.219	0.189	0.391	0.348	0.204	0.229	0.203	0.181
1971	0.0	0.225	0.191	0.363	0.371	0.208	0.225	0.248	0.194
1972	0.0	0.228	0.200	0.330	0.409	0.210	0.228	0.227	0.205
1973	0.0	0.262	0.227	0.346	0.479	0.246	0.262	0.257	0.257
1974	0.0	0.399	0.371	0.515	0.721	0.387	0.407	0.397	0.396
1975	0.0	0.447	0.378	0.628	0.685	0.399	0.427	0.454	0.454
1976	0.0	0.480	0.391	0.619	0.701	0.431	0.452	0.443	0.443
1977	0.0	0.520	0.463	0.705	0.773	0.484	0.507	0.521	0.521
1978	0.0	0.576	0.486	0.749	0.814	0.515	0.542	0.553	0.553
1979	0.0	0.943	0.698	1.006	1.163	0.681	0.721	0.747	0.747
1980	0.0	1.245	1.043	1.578	1.756	1.079	1.102	1.156	1.156
1981	0.0	1.528	1.181	1.927	2.064	1.324	1.426	1.447	1.447
1982	1.317	0.967	0.897	0.949	1.055	0.873	1.191	1.199	1.055

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	0.220	0.200	0.396	0.212	0.337	0.222	0.215	0.190	0.234
1971	0.216	0.207	0.427	0.219	0.326	0.227	0.205	0.193	0.215
1972	0.216	0.222	0.468	0.219	0.417	0.225	0.187	0.199	0.217
1973	0.248	0.254	0.487	0.251	0.434	0.259	0.238	0.235	0.256
1974	0.400	0.401	0.619	0.375	0.536	0.396	0.382	0.365	0.399
1975	0.442	0.452	0.700	0.403	0.551	0.429	0.420	0.384	0.422
1976	0.480	0.459	0.760	0.440	0.588	0.452	0.439	0.407	0.446
1977	0.547	0.538	0.849	0.504	0.646	0.527	0.517	0.478	0.486
1978	0.585	0.576	0.894	0.536	0.688	0.552	0.542	0.508	0.538
1979	0.793	0.781	1.277	0.738	0.909	0.788	0.774	0.700	0.839
1980	1.206	1.187	1.928	1.095	1.441	1.178	1.157	1.038	1.166
1981	1.526	1.502	2.267	1.421	1.769	1.446	1.420	1.348	1.430
1982	1.061	1.052	1.057	0.972	1.101	0.957	0.933	0.915	1.007

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1970	0.216	0.219	0.203	0.216	0.211	0.205	0.193	0.278	0.232
1971	0.228	0.225	0.248	0.225	0.208	0.208	0.211	0.288	0.241
1972	0.237	0.228	0.227	0.228	0.212	0.212	0.213	0.295	0.245
1973	0.274	0.262	0.257	0.262	0.257	0.242	0.247	0.306	0.291
1974	0.437	0.407	0.397	0.407	0.405	0.374	0.375	0.427	0.416
1975	0.461	0.427	0.454	0.427	0.421	0.393	0.389	0.513	0.427
1976	0.511	0.452	0.443	0.452	0.436	0.426	0.425	0.553	0.439
1977	0.596	0.507	0.521	0.507	0.510	0.499	0.495	0.598	0.501
1978	0.626	0.542	0.553	0.542	0.534	0.531	0.526	0.661	0.534
1979	0.899	0.721	0.747	0.721	0.763	0.731	0.725	1.083	0.706
1980	1.344	1.102	1.156	1.102	1.140	1.084	1.075	1.429	1.118
1981	1.522	1.426	1.447	1.426	1.400	1.408	1.396	1.755	1.372
1982	0.828	1.187	1.090	1.196	0.964	1.019	0.988	0.945	1.072

TABLE 2.21 (cont). Kerosene Prices: Industrial Sector (\$/gallon)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	0.189	0.223	0.187	0.213	0.232	0.201	0.451	0.211	0.192
1971	0.196	0.220	0.188	0.225	0.239	0.201	0.468	0.225	0.201
1972	0.200	0.220	0.189	0.228	0.245	0.206	0.443	0.223	0.200
1973	0.239	0.259	0.234	0.262	0.293	0.241	0.480	0.273	0.236
1974	0.369	0.361	0.356	0.407	0.445	0.388	0.623	0.410	0.378
1975	0.399	0.363	0.370	0.427	0.474	0.411	0.647	0.442	0.391
1976	0.432	0.403	0.410	0.452	0.510	0.430	0.644	0.463	0.420
1977	0.488	0.460	0.470	0.507	0.571	0.482	0.734	0.522	0.488
1978	0.522	0.489	0.499	0.542	0.605	0.513	0.780	0.554	0.512
1979	0.708	0.673	0.688	0.721	0.822	0.684	1.047	0.752	0.730
1980	1.077	0.999	1.020	1.102	1.254	1.076	1.642	1.148	1.092
1981	1.362	1.297	1.325	1.426	1.604	1.320	2.006	1.468	1.340
1982	1.028	1.163	0.924	1.118	1.111	1.227	1.113	1.164	0.995

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1970	0.191	0.377	0.212	0.230	0.213	0.211	0.219	0.175	0.354
1971	0.195	0.403	0.219	0.225	0.216	0.213	0.218	0.188	0.405
1972	0.191	0.440	0.214	0.228	0.218	0.218	0.226	0.190	0.429
1973	0.226	0.454	0.246	0.262	0.256	0.243	0.256	0.216	0.482
1974	0.376	0.506	0.390	0.407	0.403	0.375	0.427	0.364	0.621
1975	0.388	0.516	0.421	0.427	0.426	0.393	0.457	0.408	0.696
1976	0.417	0.522	0.440	0.452	0.447	0.424	0.468	0.424	0.644
1977	0.479	0.581	0.495	0.507	0.507	0.488	0.519	0.501	0.744
1978	0.506	0.612	0.525	0.542	0.542	0.518	0.574	0.526	0.792
1979	0.710	0.874	0.713	0.721	0.736	0.714	0.895	0.755	1.047
1980	1.077	1.319	1.089	1.102	1.119	1.059	1.244	1.129	1.659
1981	1.227	1.551	1.392	1.426	1.415	1.375	1.526	1.278	2.036
1982	0.955	1.096	1.097	1.198	1.008	1.083	0.992	1.003	1.015

YEAR	VA	VT	WA	WI	WV	WY	US
1970	0.195	0.220	0.333	0.198	0.221	0.230	0.209
1971	0.203	0.225	0.357	0.205	0.229	0.231	0.216
1972	0.204	0.228	0.375	0.214	0.232	0.266	0.218
1973	0.241	0.262	0.403	0.249	0.260	0.285	0.254
1974	0.372	0.407	0.468	0.379	0.399	0.416	0.400
1975	0.404	0.427	0.488	0.400	0.428	0.428	0.429
1976	0.430	0.452	0.544	0.419	0.463	0.439	0.454
1977	0.489	0.507	0.580	0.491	0.521	0.492	0.521
1978	0.522	0.542	0.611	0.514	0.557	0.523	0.557
1979	0.709	0.721	0.872	0.734	0.755	0.692	0.751
1980	1.078	1.102	1.318	1.097	1.148	1.097	1.127
1981	1.363	1.426	1.549	1.347	1.452	1.346	1.430
1982	1.016	1.225	1.108	0.960	1.085	1.283	0.994

Source: Pacific Northwest Laboratory

TABLE 2.22. Jet Fuel Prices: Transportation Sector (\$/gallon)^(a)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1970	0.104	0.092	0.110	0.108	0.104	0.108	0.106	0.108	0.108
1971	0.109	0.096	0.116	0.113	0.109	0.113	0.111	0.113	0.113
1972	0.108	0.096	0.115	0.113	0.108	0.113	0.111	0.113	0.113
1973	0.129	0.114	0.137	0.134	0.129	0.134	0.131	0.134	0.134
1974	0.222	0.196	0.236	0.231	0.222	0.231	0.226	0.231	0.231
1975	0.289	0.256	0.308	0.301	0.289	0.301	0.295	0.301	0.301
1976	0.329	0.276	0.325	0.331	0.329	0.331	0.322	0.320	0.320
1977	0.370	0.321	0.379	0.384	0.370	0.384	0.371	0.378	0.378
1978	0.404	0.362	0.437	0.413	0.404	0.413	0.418	0.419	0.419
1979	0.536	0.490	0.605	0.578	0.536	0.578	0.560	0.585	0.585
1980	0.878	0.804	0.971	0.932	0.878	0.932	0.916	0.957	0.957
1981	1.020	1.008	1.026	1.035	1.020	1.035	1.053	1.028	1.028
1982	0.996	1.002	0.957	0.996	0.996	0.996	1.013	0.969	0.969

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	0.108	0.108	0.104	0.109	0.108	0.105	0.105	0.109	0.092
1971	0.113	0.113	0.109	0.114	0.113	0.110	0.110	0.114	0.096
1972	0.113	0.113	0.108	0.114	0.113	0.109	0.109	0.114	0.096
1973	0.134	0.134	0.129	0.135	0.134	0.130	0.130	0.135	0.114
1974	0.231	0.231	0.222	0.233	0.231	0.224	0.224	0.233	0.196
1975	0.301	0.301	0.289	0.304	0.301	0.292	0.292	0.304	0.256
1976	0.320	0.320	0.329	0.332	0.331	0.330	0.330	0.332	0.276
1977	0.378	0.378	0.370	0.389	0.384	0.373	0.373	0.369	0.321
1978	0.419	0.419	0.404	0.420	0.413	0.402	0.402	0.420	0.362
1979	0.585	0.585	0.536	0.583	0.578	0.549	0.549	0.583	0.490
1980	0.957	0.957	0.878	0.933	0.932	0.893	0.893	0.933	0.804
1981	1.028	1.028	1.020	1.036	1.035	1.019	1.019	1.036	1.008
1982	0.969	0.969	0.996	0.971	0.996	0.975	0.975	0.971	1.002

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1970	0.110	0.106	0.108	0.106	0.105	0.109	0.109	0.092	0.108
1971	0.116	0.111	0.113	0.111	0.110	0.114	0.114	0.096	0.113
1972	0.115	0.111	0.113	0.111	0.109	0.114	0.114	0.096	0.113
1973	0.137	0.131	0.134	0.131	0.130	0.135	0.135	0.114	0.134
1974	0.236	0.226	0.231	0.226	0.224	0.233	0.233	0.196	0.231
1975	0.308	0.295	0.301	0.295	0.292	0.304	0.304	0.256	0.301
1976	0.325	0.322	0.320	0.322	0.330	0.332	0.332	0.276	0.331
1977	0.379	0.371	0.378	0.371	0.373	0.389	0.389	0.321	0.384
1978	0.437	0.418	0.419	0.418	0.402	0.420	0.420	0.362	0.413
1979	0.605	0.560	0.585	0.560	0.549	0.583	0.583	0.490	0.578
1980	0.971	0.916	0.957	0.916	0.893	0.933	0.933	0.804	0.932
1981	1.026	1.053	1.028	1.053	1.019	1.036	1.036	1.008	1.035
1982	0.957	1.013	0.969	1.013	0.975	0.971	0.971	1.002	0.996

^(a) Data are wholesale regional prices assigned to states.

TABLE 2.22 (cont). Jet Fuel Prices: Transportation Sector (\$/gallon)^(a)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	0.108	0.109	0.109	0.106	0.103	0.108	0.108	0.103	0.105
1971	0.113	0.114	0.114	0.111	0.108	0.113	0.113	0.108	0.110
1972	0.113	0.114	0.114	0.111	0.108	0.113	0.113	0.108	0.109
1973	0.134	0.135	0.135	0.131	0.128	0.134	0.134	0.128	0.130
1974	0.231	0.233	0.233	0.226	0.221	0.231	0.231	0.221	0.224
1975	0.301	0.304	0.304	0.295	0.288	0.301	0.301	0.288	0.292
1976	0.320	0.332	0.332	0.322	0.312	0.331	0.331	0.312	0.330
1977	0.378	0.389	0.389	0.371	0.359	0.384	0.384	0.359	0.373
1978	0.419	0.420	0.420	0.418	0.408	0.413	0.413	0.408	0.402
1979	0.585	0.583	0.583	0.560	0.551	0.578	0.578	0.551	0.549
1980	0.957	0.933	0.933	0.916	0.897	0.932	0.932	0.897	0.893
1981	1.028	1.036	1.036	1.053	1.011	1.035	1.035	1.011	1.019
1982	0.969	0.971	0.971	1.013	0.947	0.996	0.996	0.947	0.975

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1970	0.110	0.104	0.103	0.106	0.108	0.109	0.092	0.110	0.108
1971	0.116	0.109	0.108	0.111	0.113	0.114	0.096	0.116	0.113
1972	0.115	0.108	0.108	0.111	0.113	0.114	0.096	0.115	0.113
1973	0.137	0.129	0.128	0.131	0.134	0.135	0.114	0.137	0.134
1974	0.236	0.222	0.221	0.226	0.231	0.233	0.196	0.236	0.231
1975	0.308	0.289	0.288	0.295	0.301	0.304	0.256	0.308	0.301
1976	0.325	0.329	0.312	0.322	0.320	0.332	0.276	0.325	0.331
1977	0.379	0.370	0.359	0.371	0.378	0.389	0.321	0.379	0.384
1978	0.437	0.404	0.408	0.418	0.419	0.420	0.362	0.437	0.413
1979	0.605	0.536	0.551	0.560	0.585	0.583	0.490	0.605	0.578
1980	0.971	0.878	0.897	0.916	0.957	0.933	0.804	0.971	0.932
1981	1.026	1.020	1.011	1.053	1.028	1.036	1.008	1.026	1.035
1982	0.957	0.996	0.947	1.013	0.969	0.971	1.002	0.957	0.996

YEAR	VA	VT	WA	WI	WV	WY	US
1970	0.108	0.106	0.104	0.105	0.108	0.108	0.105
1971	0.113	0.111	0.109	0.110	0.113	0.113	0.110
1972	0.113	0.111	0.108	0.109	0.113	0.113	0.110
1973	0.134	0.131	0.129	0.130	0.134	0.134	0.131
1974	0.231	0.226	0.222	0.224	0.231	0.231	0.225
1975	0.301	0.295	0.289	0.292	0.301	0.301	0.294
1976	0.320	0.322	0.329	0.330	0.320	0.331	0.323
1977	0.378	0.371	0.370	0.373	0.378	0.384	0.371
1978	0.419	0.418	0.404	0.402	0.419	0.413	0.411
1979	0.585	0.560	0.536	0.549	0.585	0.578	0.560
1980	0.957	0.916	0.878	0.893	0.957	0.932	0.913
1981	1.028	1.053	1.020	1.019	1.028	1.035	1.024
1982	0.969	1.013	0.996	0.975	0.969	0.996	0.976

Source: Pacific Northwest Laboratory

TABLE 2.23. Kerosene Prices: Electric Utility Sector (\$/gallon)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1970	0.0	0.0	0.0	0.0	0.217	0.0	0.205	0.0	0.0
1971	0.0	0.0	0.0	0.0	0.220	0.0	0.208	0.0	0.0
1972	0.0	0.0	0.0	0.0	0.221	0.0	0.209	0.0	0.0
1973	0.0	0.0	0.0	0.0	0.239	0.0	0.225	0.0	0.0
1974	0.0	0.0	0.0	0.0	0.324	0.0	0.313	0.0	0.0
1975	0.0	0.0	0.0	0.350	0.321	0.0	0.327	0.0	0.0
1976	0.0	0.0	0.0	0.0	0.339	0.0	0.281	0.0	0.0
1977	0.0	0.0	0.0	0.0	0.356	0.0	0.309	0.0	0.0
1978	0.0	0.0	0.0	0.0	0.394	0.0	0.195	0.0	0.0
1979	0.0	0.0	0.0	0.0	0.450	0.0	0.583	0.0	0.0
1980	0.0	0.0	0.0	0.0	0.726	0.0	0.819	0.0	0.0
1981	0.0	0.0	0.0	0.0	1.084	0.0	1.081	0.0	0.0
1982	0.0	0.0	0.0	0.0	0.0	0.0	1.130	0.0	0.0

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	0.0	0.0	0.0	0.0	0.0	0.224	0.0	0.0	0.0
1971	0.0	0.0	0.0	0.0	0.0	0.228	0.0	0.0	0.0
1972	0.0	0.0	0.0	0.0	0.0	0.229	0.0	0.0	0.0
1973	0.0	0.0	0.0	0.0	0.0	0.248	0.0	0.0	0.0
1974	0.0	0.0	0.0	0.0	0.0	0.339	0.0	0.0	0.0
1975	0.331	0.0	0.0	0.0	0.0	0.338	0.0	0.0	0.0
1976	0.0	0.0	0.0	0.0	0.0	0.353	0.0	0.0	0.0
1977	0.0	0.0	0.0	0.0	0.0	0.404	0.336	0.0	0.0
1978	0.0	0.0	0.0	0.0	0.0	0.418	0.0	0.0	0.0
1979	0.0	0.0	0.0	0.0	0.0	0.692	0.0	0.0	0.0
1980	0.0	0.0	0.0	0.0	0.0	1.336	0.0	0.0	0.0
1981	0.0	0.0	0.0	0.0	0.0	1.146	0.0	0.0	0.0
1982	0.0	0.0	0.0	0.0	0.0	1.109	0.0	0.0	0.0

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1970	0.0	0.216	0.213	0.0	0.211	0.0	0.0	0.0	0.0
1971	0.0	0.220	0.215	0.0	0.214	0.0	0.0	0.0	0.0
1972	0.0	0.221	0.217	0.0	0.215	0.0	0.0	0.0	0.0
1973	0.0	0.238	0.234	0.0	0.231	0.0	0.0	0.0	0.0
1974	0.0	0.312	0.306	0.0	0.305	0.0	0.0	0.0	0.0
1975	0.0	0.321	0.328	0.0	0.308	0.0	0.0	0.0	0.0
1976	0.0	0.350	0.326	0.0	0.336	0.0	0.0	0.0	0.0
1977	0.0	0.384	0.370	0.0	0.393	0.0	0.0	0.0	0.0
1978	0.0	0.425	0.380	0.0	0.399	0.0	0.0	0.0	0.0
1979	0.0	0.664	0.0	0.0	0.720	0.0	0.0	0.0	0.0
1980	0.0	0.883	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	0.0	1.004	1.023	0.0	0.0	0.0	0.0	0.0	0.0
1982	0.0	1.043	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 2.23 (cont). Kerosene Prices: Electric Utility Sector (\$/gallon)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	0.0	0.0	0.0	0.208	0.210	0.0	0.0	0.215	0.218
1971	0.0	0.0	0.0	0.211	0.213	0.0	0.0	0.218	0.221
1972	0.0	0.0	0.0	0.212	0.214	0.0	0.0	0.219	0.222
1973	0.0	0.0	0.0	0.229	0.230	0.0	0.0	0.237	0.241
1974	0.0	0.0	0.0	0.286	0.308	0.0	0.0	0.317	0.315
1975	0.0	0.0	0.0	0.313	0.310	0.0	0.0	0.318	0.326
1976	0.0	0.0	0.0	0.335	0.325	0.0	0.0	0.340	0.353
1977	0.0	0.0	0.0	0.388	0.375	0.0	0.0	0.378	0.416
1978	0.0	0.0	0.0	0.425	0.403	0.0	0.0	0.380	0.406
1979	0.0	0.0	0.0	0.780	0.624	0.0	0.0	0.605	0.0
1980	0.0	0.0	0.0	0.934	0.836	0.0	0.0	0.882	0.0
1981	0.0	0.0	0.0	1.103	1.057	0.0	0.0	1.157	0.0
1982	0.0	0.0	0.0	1.066	1.030	0.0	0.0	1.099	0.0

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1970	0.0	0.0	0.222	0.0	0.0	0.0	0.0	0.0	0.0
1971	0.0	0.0	0.225	0.0	0.0	0.0	0.0	0.0	0.0
1972	0.0	0.0	0.226	0.0	0.0	0.0	0.0	0.0	0.0
1973	0.0	0.0	0.245	0.0	0.0	0.0	0.0	0.0	0.0
1974	0.0	0.331	0.322	0.0	0.0	0.0	0.0	0.0	0.0
1975	0.0	0.0	0.342	0.0	0.0	0.0	0.0	0.0	0.0
1976	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1977	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1978	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1979	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	0.0	0.0	1.112	0.0	0.0	0.0	0.0	0.0	0.0
1982	0.0	0.0	1.094	0.0	0.0	0.0	0.0	0.0	0.0

YEAR	VA	VT	WA	WI	WV	WY	US
1970	0.0	0.221	0.236	0.209	0.227	0.0	0.188
1971	0.0	0.225	0.241	0.212	0.230	0.0	0.191
1972	0.0	0.226	0.243	0.213	0.231	0.0	0.192
1973	0.0	0.244	0.262	0.229	0.250	0.0	0.207
1974	0.0	0.327	0.355	0.257	0.334	0.0	0.320
1975	0.0	0.344	0.358	0.331	0.346	0.0	0.323
1976	0.0	0.342	0.359	0.347	0.362	0.0	0.339
1977	0.0	0.433	0.374	0.361	0.407	0.0	0.372
1978	0.0	0.0	0.400	0.0	0.450	0.0	0.397
1979	0.0	0.893	0.671	0.0	0.846	0.0	0.576
1980	0.0	0.924	0.0	0.0	0.916	0.0	0.819
1981	0.0	1.110	0.0	0.0	1.117	0.0	1.063
1982	0.0	1.074	0.0	0.0	1.013	0.0	1.042

Source: Pacific Northwest Laboratory

TABLE 2.24. Residual Fuel Prices: Commercial Sector (\$/bbl)

YEAR	AK	AL	AK	AZ	CA	CO	CT	DC	DE
1970	2.866	3.344	2.866	2.563	2.841	2.415	2.783	4.202	3.247
1971	3.743	4.223	3.722	3.753	3.671	3.334	3.896	5.481	4.234
1972	4.064	4.489	3.957	3.836	3.952	3.590	4.318	5.927	4.525
1973	4.888	5.278	4.712	4.707	4.718	4.398	5.357	7.089	5.400
1974	9.715	11.105	9.796	8.487	10.604	10.011	13.007	14.715	12.107
1975	11.882	11.197	10.481	12.005	10.645	9.193	13.631	16.501	11.995
1976	12.182	11.019	10.565	12.182	10.130	11.474	13.223	15.966	11.545
1977	12.242	12.757	11.747	12.706	12.149	11.881	14.993	15.993	13.994
1978	12.104	12.498	11.680	13.618	11.327	12.407	14.860	20.321	13.204
1979	16.850	16.719	16.057	16.322	15.809	18.345	23.890	29.549	20.305
1980	30.403	22.368	21.535	28.904	23.100	27.937	33.244	50.066	30.614
1981	37.375	31.879	30.675	32.332	30.295	24.869	40.227	54.085	34.412
1982	31.779	27.133	26.419	30.459	28.305	24.686	32.459	41.663	29.610

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	2.112	2.289	3.350	3.358	2.455	3.585	2.769	2.718	2.513
1971	3.211	3.283	4.366	4.346	3.518	4.540	3.804	3.712	3.855
1972	3.365	3.587	4.630	4.674	3.929	5.012	4.106	3.943	4.030
1973	4.224	4.474	5.505	5.572	4.929	5.983	5.018	4.783	5.058
1974	9.254	11.300	10.962	11.269	13.549	13.621	11.749	9.725	10.819
1975	11.259	10.870	12.322	12.312	12.895	13.723	11.944	11.821	13.580
1976	10.928	11.080	12.667	13.456	10.595	13.203	11.434	11.747	13.163
1977	12.901	13.406	13.468	13.695	13.633	14.766	13.272	12.963	15.076
1978	11.811	12.124	13.941	13.992	15.264	14.658	14.123	11.993	14.870
1979	17.819	16.976	20.492	17.840	17.500	20.553	19.334	16.045	19.967
1980	25.127	25.125	27.948	21.046	27.476	27.640	25.067	29.295	26.159
1981	30.227	31.999	35.486	31.994	36.278	34.826	31.291	36.540	37.254
1982	26.564	28.107	33.205	25.735	33.457	29.461	26.772	28.066	32.144

YEAR	LA	MA	MD	ME	MI	MN	MU	MS	MT
1970	3.612	3.062	2.952	2.275	3.043	2.852	2.911	2.638	3.062
1971	4.305	4.356	3.998	3.364	4.172	3.927	4.080	3.507	3.242
1972	4.696	4.479	4.398	3.665	4.367	4.096	4.184	3.831	4.479
1973	5.445	5.443	5.380	4.611	5.271	4.948	5.055	4.651	5.443
1974	11.719	12.803	12.762	11.749	11.075	10.717	10.277	10.850	12.434
1975	11.054	13.212	13.375	11.668	12.721	11.177	11.698	11.351	13.206
1976	11.212	12.657	12.627	11.414	11.757	11.070	11.606	10.494	12.774
1977	12.829	14.468	14.818	13.994	14.107	13.200	13.901	12.499	14.630
1978	11.064	13.729	13.830	13.113	13.679	13.356	13.295	11.629	13.864
1979	14.707	21.306	23.013	19.848	16.362	18.181	17.517	16.160	19.623
1980	26.918	30.257	31.931	28.042	23.596	21.699	22.602	20.601	23.971
1981	32.120	38.399	37.206	36.384	31.320	26.521	31.605	31.190	29.684
1982	28.774	33.543	31.683	31.211	27.841	24.982	28.327	27.009	27.402

(a) Data for 1982 are provisional estimates and will be updated when data from Annual Survey of Manufactures become available.

TABLE 2.24 (cont). Residual Fuel Prices: Commercial Sector (\$/bbl)^(a)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	2.605	6.050	2.658	2.862	3.288	3.062	3.062	3.039	3.110
1971	3.722	6.729	4.162	3.978	4.377	4.103	4.103	4.182	4.244
1972	4.004	6.851	3.910	4.153	4.779	4.479	4.479	4.453	4.590
1973	4.956	7.418	4.768	5.036	5.790	5.443	5.443	5.415	5.594
1974	11.453	10.522	7.352	10.931	13.253	12.434	12.434	11.872	12.874
1975	12.353	12.445	11.197	11.913	13.795	13.206	13.206	12.925	13.928
1976	12.313	11.586	12.263	11.343	13.466	12.774	12.774	12.718	12.586
1977	14.344	12.417	14.736	13.932	15.385	14.630	14.630	14.622	14.952
1978	13.426	12.760	12.891	13.144	14.779	13.864	13.864	14.436	15.011
1979	18.814	17.715	15.936	19.442	23.459	23.564	17.500	19.699	19.242
1980	27.202	26.176	22.878	28.880	34.304	35.977	27.379	27.622	24.184
1981	34.458	30.988	31.800	35.915	40.341	44.227	36.514	37.628	33.862
1982	29.721	24.377	30.690	31.091	34.656	37.721	33.980	31.994	30.067

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1970	3.062	2.530	3.285	2.641	2.066	3.999	2.147	1.877	3.714
1971	3.743	3.467	4.274	3.804	3.262	5.011	3.160	3.037	4.285
1972	4.479	3.774	4.701	4.154	3.438	5.193	3.558	3.117	4.779
1973	5.443	4.626	5.665	5.179	4.372	6.013	4.519	3.967	5.517
1974	12.434	10.246	13.314	12.363	10.154	11.013	11.320	8.416	12.363
1975	13.206	11.882	13.294	13.181	11.678	12.966	12.169	9.725	11.453
1976	12.774	11.212	12.546	12.971	11.636	12.051	12.142	11.495	11.131
1977	14.630	12.469	14.653	14.694	13.901	13.860	13.272	12.407	13.221
1978	13.864	12.225	14.244	14.941	12.770	13.588	13.255	12.376	9.691
1979	16.926	16.061	20.969	21.484	17.211	15.863	17.632	18.917	16.511
1980	37.775	24.799	29.753	31.018	25.797	24.377	24.561	26.948	27.124
1981	48.384	33.695	38.668	38.861	32.093	27.548	33.572	30.843	25.621
1982	36.149	29.351	32.646	30.780	27.942	25.744	29.165	27.531	25.461

YEAR	VA	VT	WA	WI	WV	WY	US
1970	1.749	3.062	2.616	3.222	3.289	3.062	3.138
1971	2.894	4.141	3.467	4.346	4.111	4.103	4.176
1972	3.162	4.474	3.775	4.577	4.569	4.479	4.443
1973	4.123	5.434	4.572	5.500	5.444	5.443	5.446
1974	10.614	12.782	9.827	11.228	13.069	12.434	12.129
1975	11.627	12.394	11.453	12.253	13.353	13.206	12.781
1976	11.474	12.485	10.746	12.506	11.242	12.774	12.445
1977	13.561	14.756	11.685	14.365	13.303	14.630	14.259
1978	12.841	14.254	11.761	13.992	13.285	13.864	13.965
1979	18.420	20.025	16.212	17.640	15.368	19.623	19.498
1980	26.160	29.319	24.577	24.187	24.308	29.254	27.911
1981	32.471	38.854	32.431	32.177	33.367	34.633	34.460
1982	27.968	32.922	30.066	26.958	28.166	28.803	30.632

TABLE 2.25. Residual Fuel Prices: Industrial Sector (\$/bbl)^(a)

YEAR	AK	AL	AK	AZ	CA	CO	CT	DC	DE
1970	2.803	3.270	2.802	2.506	2.779	2.362	2.722	4.109	3.175
1971	3.660	4.130	3.640	3.670	3.590	3.260	3.810	5.360	4.140
1972	3.975	4.390	3.870	3.751	3.864	3.511	4.222	5.796	4.425
1973	4.780	5.162	4.608	4.603	4.614	4.301	5.239	6.932	5.280
1974	9.500	10.860	9.580	8.300	10.370	9.790	12.720	14.390	11.840
1975	11.620	10.950	10.250	11.740	10.410	8.990	13.330	16.136	11.730
1976	12.050	10.900	10.450	12.050	10.020	11.350	13.080	15.793	11.420
1977	11.880	12.380	11.400	12.330	11.790	11.530	14.550	15.520	13.580
1978	11.990	12.380	11.570	13.490	11.220	12.290	14.720	20.130	13.080
1979	15.136	15.018	14.423	14.662	14.201	16.479	21.460	26.544	18.240
1980	26.151	19.188	18.524	24.862	19.869	24.030	28.594	43.064	26.333
1981	34.090	25.372	29.128	24.242	25.252	26.675	36.074	49.332	32.326
1982	30.425	25.977	25.294	29.162	27.099	23.634	31.077	39.889	28.349

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	2.066	2.238	3.276	3.284	2.400	3.506	2.708	2.658	2.457
1971	3.140	3.210	4.270	4.250	3.440	4.440	3.720	3.630	3.770
1972	3.291	3.508	4.528	4.571	3.842	4.902	4.015	3.856	3.941
1973	4.131	4.375	5.384	5.449	4.821	5.851	4.907	4.678	4.946
1974	9.050	11.050	10.720	11.020	13.250	13.320	11.490	9.510	10.580
1975	11.010	10.630	12.050	12.040	12.610	13.420	11.680	11.560	13.280
1976	10.810	10.960	12.530	13.310	10.480	13.060	11.310	11.620	13.020
1977	12.520	13.010	13.070	13.290	13.230	14.330	12.880	12.580	14.630
1978	11.700	12.010	13.810	13.860	15.120	14.520	13.990	11.880	14.730
1979	16.006	15.249	18.408	16.026	15.720	18.462	17.367	14.413	17.936
1980	21.613	21.611	24.039	18.102	23.634	23.775	21.561	25.198	22.501
1981	28.840	29.567	28.484	20.314	27.455	28.809	27.971	25.381	29.442
1982	25.433	26.910	31.791	24.639	32.032	28.206	25.631	26.871	30.775

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1970	3.532	2.995	2.887	2.225	2.975	2.789	2.846	2.580	2.995
1971	4.210	4.260	3.910	3.290	4.080	3.840	3.990	3.430	3.170
1972	4.592	4.380	4.301	3.584	4.270	4.006	4.091	3.747	4.380
1973	5.325	5.323	5.261	4.509	5.154	4.839	4.943	4.548	5.323
1974	11.460	12.520	12.480	11.490	10.830	10.480	10.050	10.610	12.160
1975	10.810	12.920	13.080	11.410	12.440	10.930	11.440	11.100	12.914
1976	11.090	12.520	12.490	11.290	11.630	10.950	11.480	10.380	12.636
1977	12.450	14.040	14.380	13.580	13.690	12.810	13.490	12.130	14.198
1978	10.960	13.600	13.700	12.990	13.550	13.230	13.170	11.520	13.733
1979	15.906	19.139	20.672	17.829	14.698	16.331	15.735	14.516	17.627
1980	23.154	26.025	27.465	24.120	20.296	18.664	19.441	17.720	20.619
1981	28.824	31.181	33.049	31.434	25.712	26.980	23.607	27.115	26.316
1982	27.549	32.115	30.334	29.882	26.655	23.918	27.120	25.858	26.235

(a) Data for 1982 are provisional estimates and will be updated when data from Annual Survey of Manufactures become available.

TABLE 2.25 (cont). Residual Fuel Prices: Industrial Sector (\$/bbl)^(a)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	2.548	5.916	2.599	2.799	3.215	2.995	2.995	2.972	3.041
1971	3.640	6.580	4.070	3.890	4.280	4.012	5.000	4.090	4.150
1972	3.916	6.699	3.824	4.062	4.673	4.380	4.380	4.355	4.489
1973	4.847	7.255	4.663	4.925	5.662	5.323	5.323	5.296	5.471
1974	11.200	10.290	7.190	10.690	12.960	12.160	12.160	11.610	12.590
1975	12.080	12.170	10.950	11.650	13.490	12.914	12.914	12.640	13.620
1976	12.180	11.460	12.130	11.220	13.320	12.636	12.636	12.580	12.450
1977	13.920	12.050	14.300	13.520	14.930	14.198	14.198	14.190	14.510
1978	13.300	12.640	12.770	13.020	14.640	13.733	13.733	14.300	14.870
1979	16.900	15.913	14.315	17.464	21.073	21.167	15.720	17.695	17.284
1980	23.398	22.515	19.678	24.841	29.507	30.945	23.550	23.759	20.801
1981	30.261	23.945	35.688	32.069	30.697	40.340	30.303	30.337	28.717
1982	28.455	23.338	29.383	29.767	33.180	36.114	32.533	30.631	28.786

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1970	2.995	2.474	3.213	2.583	2.020	3.910	2.100	1.836	3.632
1971	3.660	3.390	4.180	3.720	3.190	4.900	3.090	2.970	4.190
1972	4.380	3.690	4.598	4.062	3.362	5.078	3.480	3.048	4.674
1973	5.323	4.523	5.540	5.064	4.276	5.880	4.419	3.879	5.395
1974	12.160	10.020	13.020	12.090	9.930	10.770	11.070	8.230	12.090
1975	12.914	11.620	13.000	12.890	11.420	12.680	11.900	9.510	11.200
1976	12.636	11.090	12.410	12.830	11.510	11.920	12.010	11.370	11.010
1977	14.198	12.100	14.220	14.260	13.490	13.450	12.880	12.040	12.830
1978	13.733	12.110	14.110	14.800	12.650	13.460	13.130	12.260	9.600
1979	15.204	14.427	18.836	19.298	15.460	14.250	15.839	16.993	14.832
1980	32.492	21.331	25.592	26.680	22.189	20.968	21.126	23.179	23.331
1981	27.264	24.285	31.300	31.219	30.120	25.126	27.092	25.052	30.033
1982	34.609	28.101	31.256	29.469	26.752	24.648	27.923	26.358	24.376

YEAR	VA	VT	WA	WI	WV	WY	US
1970	1.710	2.994	2.558	3.151	3.217	2.995	2.884
1971	2.830	4.050	3.390	4.250	4.020	4.012	3.824
1972	3.092	4.375	3.691	4.476	4.468	4.380	4.122
1973	4.032	5.314	4.471	5.379	5.324	5.323	5.006
1974	10.380	12.500	9.610	10.980	12.780	12.160	11.433
1975	11.370	12.120	11.200	12.960	12.080	12.914	11.955
1976	11.350	12.350	10.630	12.370	11.120	12.636	11.804
1977	13.160	14.320	11.340	13.940	12.910	14.198	13.371
1978	12.720	14.120	11.650	13.860	13.160	13.733	13.129
1979	16.547	17.988	14.563	15.846	13.805	17.627	17.422
1980	22.501	25.219	21.140	20.805	20.908	25.162	23.385
1981	29.820	31.164	25.439	26.237	29.438	31.589	28.429
1982	26.777	31.520	28.786	25.810	26.966	27.576	28.377

TABLE 2.26. Residual Fuel Prices: Transportation Sector (\$/bbl)^(a)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1970	2.321	2.708	0.0	0.0	2.301	2.415	2.254	0.0	2.629
1971	3.031	3.420	0.0	0.0	2.973	3.334	3.155	0.0	3.428
1972	3.291	3.635	0.0	0.0	3.200	3.590	3.496	0.0	3.664
1973	3.958	4.274	0.0	0.0	3.820	4.398	4.338	0.0	4.372
1974	7.866	8.992	0.0	0.0	8.587	10.011	10.533	0.0	9.804
1975	9.613	9.059	0.0	0.0	8.612	9.193	11.028	0.0	9.704
1976	10.194	9.221	0.0	0.0	8.477	11.474	11.065	0.0	9.661
1977	9.972	10.392	0.0	0.0	9.897	11.881	12.214	0.0	11.399
1978	9.392	9.698	0.0	0.0	8.789	12.407	11.531	0.0	10.246
1979	13.949	13.840	0.0	0.0	13.087	18.345	19.776	0.0	16.809
1980	23.452	17.208	0.0	0.0	17.819	27.937	25.643	0.0	23.615
1981	29.739	25.366	0.0	0.0	24.106	24.869	32.008	0.0	27.381
1982	0.0	22.525	0.0	0.0	23.498	0.0	26.947	0.0	24.582

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	1.710	1.853	2.712	3.358	0.0	3.183	2.242	2.718	0.0
1971	2.600	2.658	3.536	4.346	0.0	4.031	3.080	3.712	0.0
1972	2.725	2.905	3.749	4.674	0.0	4.450	3.325	3.943	0.0
1973	3.420	3.623	4.458	5.572	0.0	5.312	4.064	4.783	0.0
1974	7.494	9.150	8.876	11.269	0.0	12.093	9.514	9.725	0.0
1975	9.108	8.794	9.969	12.312	0.0	12.178	9.663	11.821	0.0
1976	9.145	9.272	10.600	13.456	0.0	11.933	9.568	11.747	0.0
1977	10.510	10.921	10.971	13.695	0.0	13.152	10.812	12.963	0.0
1978	9.165	9.408	10.818	13.992	0.0	12.722	10.959	11.993	0.0
1979	14.751	14.053	16.964	17.840	0.0	20.553	16.005	16.045	0.0
1980	19.382	19.381	21.559	21.046	0.0	27.640	19.336	29.295	0.0
1981	24.051	25.461	28.236	31.994	0.0	34.826	24.898	36.540	0.0
1982	22.053	23.334	27.566	0.0	0.0	28.147	22.225	0.0	0.0

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1970	2.925	2.480	2.390	1.842	2.464	2.309	2.911	2.136	0.0
1971	3.486	3.527	3.238	2.724	3.378	3.180	4.080	2.840	0.0
1972	3.802	3.627	3.561	2.967	3.536	3.317	4.184	3.102	0.0
1973	4.409	4.407	4.357	3.734	4.268	4.007	5.055	3.766	0.0
1974	9.489	10.367	10.334	9.514	8.968	8.678	10.277	8.785	0.0
1975	8.943	10.689	10.821	9.439	10.291	9.042	11.698	9.183	0.0
1976	9.382	10.592	10.566	9.551	9.839	9.263	11.606	8.781	0.0
1977	10.451	11.785	12.071	11.399	11.492	10.753	13.901	10.182	0.0
1978	8.585	10.653	10.732	10.176	10.614	10.364	13.295	9.024	0.0
1979	14.658	17.637	19.051	16.430	13.545	15.050	17.517	13.377	0.0
1980	20.764	23.339	24.631	21.631	18.202	16.738	22.602	15.891	0.0
1981	25.558	30.554	29.604	28.950	24.921	21.102	31.605	24.818	0.0
1982	23.887	27.847	26.303	25.910	23.996	21.031	23.516	22.421	0.0

(a) Data for 1982 are provisional estimates and will be updated when data from Annual Survey of Manufactures become available.

TABLE 2.26 (cont). Residual Fuel Prices: Transportation Sector (\$/bbl)^(a)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	2.110	0.0	2.658	0.0	2.662	0.0	0.0	2.461	2.518
1971	3.014	0.0	4.162	0.0	3.544	0.0	0.0	3.387	3.436
1972	3.242	0.0	3.910	0.0	3.869	0.0	0.0	3.606	3.717
1973	4.013	0.0	4.768	0.0	4.689	0.0	0.0	4.385	4.530
1974	9.274	0.0	7.352	0.0	10.731	0.0	0.0	9.613	10.425
1975	9.994	0.0	11.197	0.0	11.160	0.0	0.0	10.457	11.268
1976	10.304	0.0	12.263	0.0	11.268	0.0	0.0	10.642	10.532
1977	11.685	0.0	14.736	0.0	12.533	0.0	0.0	11.911	12.180
1978	10.418	0.0	12.891	0.0	11.468	0.0	0.0	11.202	11.648
1979	15.575	0.0	15.936	0.0	19.420	0.0	0.0	16.307	15.929
1980	20.983	0.0	22.878	0.0	26.462	0.0	0.0	21.307	18.655
1981	27.418	0.0	31.800	0.0	32.099	0.0	0.0	29.941	26.944
1982	24.673	0.0	0.0	25.811	28.770	0.0	0.0	26.560	24.961

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1970	0.0	2.049	2.660	2.139	1.673	0.0	0.0	1.520	0.0
1971	0.0	2.807	3.461	3.080	2.641	0.0	0.0	2.459	0.0
1972	0.0	3.056	3.807	3.363	2.784	0.0	0.0	2.524	0.0
1973	0.0	3.746	4.587	4.193	3.540	0.0	0.0	3.212	0.0
1974	0.0	8.297	10.781	10.011	8.222	0.0	0.0	6.815	0.0
1975	0.0	9.613	10.755	10.664	9.448	0.0	0.0	7.868	0.0
1976	0.0	9.382	10.499	10.854	9.737	0.0	0.0	9.619	0.0
1977	0.0	10.157	11.937	11.970	11.324	0.0	0.0	10.107	0.0
1978	0.0	9.486	11.053	11.593	9.909	0.0	0.0	9.604	0.0
1979	0.0	13.296	17.358	17.785	14.247	0.0	0.0	15.660	0.0
1980	0.0	19.129	22.951	23.926	19.899	0.0	0.0	20.787	0.0
1981	0.0	26.811	30.768	30.922	25.536	0.0	0.0	24.542	0.0
1982	0.0	24.366	27.102	25.553	23.197	0.0	29.165	22.855	0.0

YEAR	VA	VT	WA	WI	WV	WY	US
1970	1.416	0.0	2.118	2.609	0.0	3.062	2.252
1971	2.343	0.0	2.807	3.519	0.0	4.103	3.075
1972	2.560	0.0	3.056	3.706	0.0	4.479	3.304
1973	3.339	0.0	3.702	4.454	0.0	5.443	4.010
1974	8.595	0.0	7.957	9.092	0.0	12.434	8.872
1975	9.406	0.0	9.266	10.722	0.0	13.206	9.132
1976	9.602	0.0	8.993	10.465	0.0	12.774	9.560
1977	11.047	0.0	9.519	11.702	0.0	14.630	10.580
1978	9.964	0.0	9.126	10.857	0.0	13.864	9.497
1979	15.249	0.0	13.421	14.603	0.0	19.623	14.931
1980	20.179	0.0	18.958	18.658	0.0	29.254	19.990
1981	25.837	0.0	25.805	25.603	0.0	34.633	25.843
1982	23.218	0.0	24.960	23.039	0.0	28.803	24.152

Source: Pacific Northwest Laboratory

TABLE 2.27. Residual Fuel Prices: Electric Utility Sector (\$/bbl)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1970	0.0	0.0	2.640	4.033	2.479	2.338	2.340	2.862	2.850
1971	0.0	0.0	3.734	3.671	3.881	3.390	3.330	4.134	4.116
1972	0.0	0.0	4.116	5.476	4.893	3.382	3.945	3.975	3.958
1973	0.0	0.0	4.520	6.389	5.774	5.243	5.178	4.704	5.036
1974	0.0	0.0	10.365	11.173	12.320	11.387	12.486	12.266	12.570
1975	0.0	0.0	11.660	13.030	15.289	12.054	12.305	12.389	12.152
1976	0.0	0.0	12.062	13.952	14.339	10.170	11.862	11.899	11.686
1977	0.0	0.0	12.560	14.211	14.526	11.941	13.741	13.828	13.497
1978	0.0	0.0	12.076	13.865	15.856	11.161	13.077	13.018	12.731
1979	0.0	0.0	15.769	18.020	19.316	15.311	20.505	20.271	20.273
1980	0.0	0.0	21.021	27.506	30.941	27.493	28.974	27.982	26.789
1981	0.0	0.0	22.474	31.664	40.795	27.451	34.499	30.895	32.302
1982	0.0	0.0	25.150	32.319	42.046	0.0	29.694	0.0	29.459

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	2.054	1.954	2.523	3.393	0.0	3.719	0.0	3.238	0.0
1971	2.634	3.317	2.941	3.767	0.0	3.878	0.0	4.124	0.0
1972	3.140	3.087	3.301	3.900	0.0	4.054	0.0	4.017	0.0
1973	4.217	3.510	4.010	5.043	0.0	4.248	0.0	5.085	0.0
1974	11.153	9.801	4.713	0.0	0.0	7.788	0.0	9.878	0.0
1975	11.526	10.829	9.399	0.0	0.0	8.391	0.0	10.122	0.0
1976	11.281	10.925	9.872	0.0	0.0	12.755	0.0	10.231	0.0
1977	13.206	12.727	11.680	0.0	0.0	15.230	0.0	12.486	0.0
1978	12.300	12.085	13.858	0.0	0.0	15.673	0.0	11.379	0.0
1979	18.059	17.279	16.136	0.0	0.0	23.722	0.0	13.266	0.0
1980	23.406	21.734	23.508	0.0	0.0	34.764	0.0	27.853	0.0
1981	29.816	26.607	41.021	0.0	0.0	46.040	0.0	28.730	0.0
1982	27.195	23.482	41.425	0.0	0.0	44.856	0.0	23.457	0.0

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1970	3.071	2.299	2.681	2.135	3.955	3.593	3.550	3.018	2.298
1971	3.264	3.931	3.872	2.412	4.599	5.307	4.185	4.327	1.111
1972	4.127	4.093	3.724	2.338	4.802	4.953	3.645	4.191	3.578
1973	4.607	4.446	4.482	2.429	4.897	5.563	4.849	5.605	6.215
1974	10.232	11.942	11.380	10.088	10.819	11.558	11.151	10.208	7.187
1975	10.775	11.823	11.404	11.066	12.319	12.328	11.079	10.706	0.0
1976	10.814	11.144	11.124	10.959	13.535	11.062	10.893	10.731	0.0
1977	11.730	13.059	13.197	12.785	16.350	12.926	12.582	11.175	13.400
1978	11.266	11.787	12.274	12.828	16.256	12.915	12.615	11.032	0.0
1979	16.772	17.427	18.705	17.841	19.367	16.160	15.421	13.722	0.0
1980	22.433	24.053	26.268	27.364	25.057	28.119	21.929	19.089	0.0
1981	27.514	29.669	31.466	33.205	34.558	33.907	28.266	24.087	0.0
1982	24.793	26.422	28.728	30.303	30.517	29.438	27.241	24.751	0.0

TABLE 2.27 (cont). Residual Fuel Prices: Electric Utility Sector (\$/bbl)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	4.228	0.0	3.119	2.093	2.747	1.599	3.845	2.582	4.299
1971	4.555	0.0	3.662	2.134	4.316	2.910	4.682	3.265	4.552
1972	3.565	0.0	4.474	2.481	4.397	4.022	5.067	3.772	4.665
1973	3.746	0.0	4.097	3.635	5.342	4.879	7.172	4.886	5.420
1974	10.996	0.0	10.428	11.899	12.864	9.871	12.113	12.393	14.227
1975	10.993	0.0	10.937	11.353	12.710	10.431	12.418	11.882	13.905
1976	0.0	0.0	10.990	10.804	12.292	11.138	12.537	11.735	12.075
1977	0.0	0.0	11.320	12.843	14.173	12.325	13.190	13.487	15.042
1978	11.869	0.0	10.657	11.978	13.495	13.223	12.437	12.554	15.380
1979	0.0	0.0	14.284	16.799	20.686	19.182	16.460	18.357	18.628
1980	0.0	0.0	20.324	23.761	29.446	26.038	22.274	26.381	22.569
1981	0.0	0.0	34.490	29.207	34.436	35.809	29.110	31.744	31.424
1982	0.0	0.0	0.0	25.960	31.958	34.679	26.410	29.224	33.020

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1970	2.991	0.0	2.876	2.696	2.832	4.079	0.0	3.298	1.692
1971	2.795	0.0	4.385	4.080	4.176	4.793	0.0	3.515	1.713
1972	3.462	0.0	4.405	4.091	4.447	4.773	0.0	4.541	1.744
1973	4.430	0.0	5.262	4.340	3.819	5.062	0.0	5.273	3.940
1974	10.171	0.0	12.202	11.861	7.057	10.543	0.0	9.513	9.855
1975	9.204	0.0	12.588	11.302	7.126	13.889	0.0	11.578	9.598
1976	9.464	0.0	12.152	11.328	8.830	10.724	0.0	10.965	9.484
1977	12.196	0.0	14.046	12.802	10.828	11.636	0.0	11.938	13.164
1978	0.0	0.0	13.498	12.553	11.866	12.782	0.0	11.648	10.592
1979	13.898	0.0	20.021	19.793	16.305	14.067	0.0	14.430	16.110
1980	0.0	0.0	27.956	24.968	21.534	19.459	0.0	23.229	23.268
1981	24.713	0.0	33.625	30.085	27.304	36.144	0.0	27.577	25.712
1982	0.0	0.0	31.235	28.917	26.053	0.0	0.0	28.484	0.0

YEAR	VA	VT	WA	WI	WV	WY	WY
1970	1.953	0.0	0.0	3.649	0.0	0.0	2.505
1971	2.472	0.0	0.0	4.665	0.0	0.0	3.511
1972	2.857	0.0	2.148	4.220	0.0	0.0	3.874
1973	3.417	0.0	4.486	4.965	0.0	0.0	4.805
1974	10.286	0.0	4.477	9.590	0.0	0.0	11.559
1975	11.567	0.0	0.0	10.366	0.0	0.0	12.305
1976	11.099	0.0	0.0	10.685	0.0	0.0	12.030
1977	13.324	0.0	0.0	12.728	0.0	0.0	13.573
1978	12.402	0.0	0.0	12.876	16.258	0.0	13.114
1979	18.533	0.0	16.611	15.539	0.0	0.0	18.516
1980	24.709	0.0	22.811	27.202	0.0	0.0	26.539
1981	31.597	0.0	0.0	34.167	0.0	0.0	33.251
1982	28.921	0.0	0.0	0.0	0.0	0.0	30.290

Source: Pacific Northwest Laboratory

TABLE 2.28. Liquefied Petroleum Gas Prices: Residential Sector (\$/gallon)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1970	0.291	0.216	0.181	0.174	0.214	0.164	0.258	0.216	0.216
1971	0.286	0.200	0.175	0.226	0.234	0.159	0.233	0.250	0.203
1972	0.300	0.200	0.180	0.254	0.250	0.166	0.254	0.223	0.230
1973	0.504	0.371	0.298	0.321	0.340	0.306	0.332	0.336	0.303
1974	0.519	0.365	0.280	0.388	0.400	0.255	0.381	0.336	0.345
1975	0.559	0.393	0.320	0.505	0.405	0.303	0.456	0.418	0.431
1976	0.610	0.380	0.400	0.514	0.421	0.350	0.486	0.431	0.444
1977	0.683	0.435	0.418	0.655	0.498	0.371	0.570	0.431	0.420
1978	0.663	0.457	0.343	0.504	0.461	0.400	0.584	0.510	0.600
1979	0.914	0.550	0.625	0.623	0.617	0.554	0.660	0.776	0.560
1980	1.120	0.710	0.803	0.775	0.747	0.671	0.844	0.913	0.781
1981	1.832	0.735	0.657	0.690	0.690	0.703	0.846	0.990	0.823
1982	1.166	0.782	0.759	1.027	0.867	0.801	1.064	1.003	0.834

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	0.221	0.224	0.296	0.171	0.213	0.186	0.193	0.144	0.219
1971	0.270	0.216	0.400	0.159	0.250	0.177	0.184	0.134	0.205
1972	0.291	0.209	0.305	0.175	0.262	0.188	0.195	0.142	0.220
1973	0.410	0.336	0.513	0.313	0.532	0.311	0.349	0.278	0.362
1974	0.497	0.352	0.528	0.317	0.285	0.338	0.301	0.280	0.375
1975	0.575	0.401	0.569	0.323	0.380	0.339	0.357	0.300	0.379
1976	0.553	0.425	0.621	0.362	0.392	0.381	0.380	0.320	0.429
1977	0.644	0.435	0.650	0.411	0.479	0.438	0.424	0.378	0.463
1978	0.638	0.436	0.662	0.410	0.490	0.410	0.427	0.355	0.475
1979	0.712	0.485	0.878	0.570	0.614	0.583	0.581	0.600	0.539
1980	0.947	0.700	1.128	0.628	0.719	0.648	0.675	0.626	0.761
1981	1.047	0.757	1.166	0.593	0.977	0.677	0.727	0.628	0.789
1982	1.136	0.757	1.255	0.625	0.805	0.675	0.768	0.651	0.808

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1970	0.179	0.274	0.216	0.237	0.211	0.185	0.179	0.203	0.202
1971	0.195	0.272	0.237	0.195	0.183	0.175	0.173	0.193	0.215
1972	0.232	0.280	0.225	0.350	0.146	0.186	0.178	0.200	0.210
1973	0.359	0.407	0.360	0.376	0.342	0.336	0.304	0.340	0.340
1974	0.500	0.423	0.313	0.464	0.341	0.318	0.271	0.350	0.379
1975	0.400	0.448	0.420	0.436	0.391	0.385	0.297	0.373	0.353
1976	0.550	0.475	0.440	0.443	0.395	0.425	0.344	0.401	0.392
1977	0.431	0.499	0.412	0.518	0.460	0.430	0.388	0.438	0.399
1978	0.415	0.529	0.496	0.555	0.413	0.436	0.367	0.400	0.429
1979	0.545	0.764	0.623	0.830	0.670	0.546	0.598	0.560	0.531
1980	0.782	0.824	0.899	0.920	0.740	0.672	0.647	0.765	0.660
1981	0.735	0.902	0.795	1.000	0.755	0.675	0.645	0.725	0.756
1982	0.828	0.933	0.750	1.042	0.811	0.797	0.712	0.853	0.768

TABLE 2.28 (cont). Liquefied Petroleum Gas Prices: Residential Sector (\$/gallon)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	0.216	0.191	0.157	0.247	0.227	0.156	0.201	0.247	0.195
1971	0.195	0.183	0.153	0.231	0.266	0.142	0.327	0.179	0.192
1972	0.214	0.185	0.163	0.238	0.275	0.150	0.307	0.243	0.186
1973	0.334	0.326	0.283	0.390	0.427	0.293	0.373	0.340	0.328
1974	0.538	0.324	0.303	0.430	0.485	0.312	0.400	0.396	0.376
1975	0.377	0.320	0.325	0.428	0.450	0.379	0.434	0.408	0.412
1976	0.437	0.376	0.381	0.405	0.408	0.388	0.427	0.447	0.408
1977	0.475	0.429	0.419	0.509	0.534	0.417	0.538	0.524	0.475
1978	0.487	0.420	0.352	0.507	0.620	0.459	0.505	0.526	0.446
1979	0.642	0.570	0.565	0.720	0.695	0.479	0.658	0.665	0.564
1980	0.703	0.685	0.625	0.845	0.900	0.659	0.850	0.755	0.702
1981	0.795	0.691	0.648	0.914	1.050	0.750	0.931	0.903	0.779
1982	0.846	0.686	0.665	0.925	0.995	0.428	0.962	0.887	0.808

YEAR	OK	OK	PA	RI	SC	SD	TN	TX	UT
1970	0.151	0.214	0.221	0.237	0.232	0.180	0.211	0.153	0.206
1971	0.148	0.239	0.213	0.253	0.210	0.170	0.190	0.156	0.165
1972	0.143	0.243	0.264	0.207	0.227	0.172	0.208	0.154	0.249
1973	0.253	0.336	0.317	0.340	0.333	0.302	0.352	0.316	0.446
1974	0.293	0.386	0.374	0.340	0.366	0.289	0.319	0.294	0.323
1975	0.285	0.480	0.403	0.500	0.390	0.311	0.350	0.319	0.453
1976	0.374	0.405	0.483	0.515	0.483	0.327	0.376	0.360	0.376
1977	0.386	0.540	0.518	0.505	0.475	0.402	0.451	0.424	0.455
1978	0.400	0.485	0.497	0.485	0.468	0.371	0.426	0.393	0.457
1979	0.510	0.680	0.682	0.700	0.650	0.559	0.586	0.529	0.617
1980	0.668	0.824	0.824	0.785	0.684	0.628	0.701	0.677	0.795
1981	0.677	0.835	0.895	0.920	0.831	0.642	0.830	0.748	0.710
1982	0.736	0.834	0.899	0.834	0.830	0.640	0.856	0.811	0.773

YEAR	VA	VT	WA	WI	WV	WY	US
1970	0.215	0.258	0.214	0.197	0.213	0.190	0.190
1971	0.213	0.235	0.301	0.177	0.215	0.173	0.187
1972	0.213	0.228	0.271	0.199	0.233	0.181	0.196
1973	0.347	0.330	0.417	0.334	0.374	0.261	0.329
1974	0.351	0.540	0.370	0.333	0.357	0.303	0.339
1975	0.404	0.430	0.522	0.378	0.453	0.383	0.365
1976	0.422	0.450	0.380	0.392	0.427	0.386	0.399
1977	0.461	0.547	0.540	0.452	0.487	0.401	0.447
1978	0.435	0.500	0.565	0.412	0.510	0.389	0.434
1979	0.601	0.716	0.690	0.626	0.614	0.585	0.598
1980	0.739	0.850	0.744	0.704	0.819	0.664	0.714
1981	0.803	0.930	0.970	0.739	0.945	0.687	0.762
1982	0.843	0.834	0.834	0.775	0.843	0.662	0.804

Source: Pacific Northwest Laboratory

TABLE 2.29. Liquefied Petroleum Gas Prices: Industrial Sector (\$/gallon)^(a)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1970	0.119	0.146	0.112	0.096	0.130	0.113	0.132	0.128	0.130
1971	0.123	0.154	0.120	0.102	0.139	0.117	0.127	0.132	0.133
1972	0.123	0.154	0.122	0.102	0.143	0.121	0.129	0.133	0.134
1973	0.131	0.162	0.129	0.116	0.154	0.138	0.127	0.142	0.144
1974	0.225	0.276	0.244	0.205	0.234	0.251	0.212	0.248	0.251
1975	0.243	0.280	0.236	0.239	0.260	0.242	0.263	0.298	0.325
1976	0.268	0.304	0.255	0.266	0.282	0.268	0.299	0.321	0.339
1977	0.303	0.354	0.290	0.305	0.339	0.313	0.318	0.337	0.341
1978	0.316	0.330	0.299	0.400	0.362	0.336	0.337	0.423	0.432
1979	0.346	0.385	0.333	0.321	0.366	0.349	0.363	0.342	0.342
1980	0.346	0.462	0.485	0.500	0.456	0.419	0.464	0.498	0.413
1981	0.474	0.536	0.527	0.595	0.529	0.556	0.565	0.512	0.539
1982	0.485	0.538	0.564	0.610	0.603	0.543	0.595	0.564	0.549

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	0.117	0.153	0.117	0.109	0.138	0.098	0.128	0.079	0.135
1971	0.117	0.159	0.122	0.117	0.144	0.104	0.136	0.085	0.144
1972	0.120	0.163	0.122	0.115	0.148	0.104	0.136	0.082	0.148
1973	0.130	0.171	0.130	0.127	0.152	0.113	0.142	0.092	0.155
1974	0.222	0.277	0.223	0.230	0.226	0.197	0.251	0.185	0.244
1975	0.228	0.269	0.240	0.226	0.285	0.197	0.259	0.178	0.266
1976	0.250	0.302	0.265	0.246	0.281	0.217	0.272	0.203	0.295
1977	0.256	0.347	0.300	0.298	0.332	0.261	0.332	0.244	0.321
1978	0.292	0.353	0.295	0.316	0.360	0.272	0.346	0.244	0.337
1979	0.427	0.373	0.360	0.314	0.343	0.310	0.345	0.272	0.360
1980	0.478	0.461	0.333	0.427	0.500	0.431	0.446	0.313	0.457
1981	0.530	0.532	0.250	0.482	0.608	0.467	0.404	0.445	0.773
1982	0.571	0.559	0.438	0.480	0.611	0.468	0.525	0.407	0.621

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1970	0.104	0.149	0.113	0.124	0.129	0.112	0.112	0.126	0.125
1971	0.104	0.135	0.117	0.132	0.129	0.120	0.120	0.131	0.130
1972	0.104	0.136	0.117	0.133	0.133	0.120	0.116	0.135	0.129
1973	0.114	0.135	0.125	0.131	0.140	0.123	0.124	0.146	0.142
1974	0.214	0.225	0.219	0.220	0.225	0.232	0.232	0.247	0.220
1975	0.236	0.270	0.243	0.291	0.228	0.239	0.217	0.247	0.228
1976	0.257	0.330	0.271	0.322	0.258	0.265	0.244	0.269	0.258
1977	0.282	0.338	0.298	0.330	0.308	0.296	0.292	0.314	0.282
1978	0.316	0.340	0.347	0.335	0.289	0.326	0.317	0.317	0.250
1979	0.346	0.405	0.331	0.392	0.350	0.314	0.332	0.337	0.360
1980	0.503	0.483	0.448	0.540	0.451	0.426	0.474	0.430	0.511
1981	0.433	0.508	0.512	0.556	0.494	0.477	0.554	0.549	0.595
1982	0.550	0.604	0.516	0.624	0.517	0.514	0.534	0.552	0.539

^(a) Data for 1982 are provisional estimates and will be updated when data from Annual Survey of Manufactures become available.

TABLE 2.29 (cont). Liquefied Petroleum Gas Prices: Industrial Sector (\$/gallon)^(a)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	0.126	0.113	0.099	0.133	0.143	0.109	0.095	0.135	0.134
1971	0.126	0.120	0.107	0.136	0.143	0.116	0.100	0.132	0.137
1972	0.126	0.120	0.104	0.139	0.139	0.117	0.088	0.129	0.137
1973	0.137	0.124	0.116	0.135	0.147	0.132	0.110	0.135	0.143
1974	0.217	0.214	0.216	0.226	0.309	0.243	0.173	0.228	0.252
1975	0.235	0.225	0.220	0.232	0.332	0.247	0.197	0.283	0.269
1976	0.235	0.254	0.240	0.349	0.358	0.278	0.206	0.289	0.286
1977	0.285	0.271	0.280	0.338	0.332	0.320	0.271	0.349	0.333
1978	0.320	0.217	0.293	0.409	0.337	0.325	0.250	0.344	0.329
1979	0.311	0.367	0.293	0.329	0.351	0.376	0.346	0.378	0.381
1980	0.459	0.458	0.454	0.418	0.451	0.527	0.437	0.506	0.467
1981	0.557	0.493	0.454	0.576	0.510	0.552	0.630	0.525	0.512
1982	0.540	0.483	0.466	0.603	0.621	0.612	0.554	0.627	0.586

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1970	0.103	0.118	0.132	0.107	0.137	0.115	0.115	0.088	0.122
1971	0.113	0.125	0.132	0.114	0.144	0.118	0.125	0.094	0.125
1972	0.109	0.128	0.132	0.116	0.148	0.120	0.123	0.097	0.112
1973	0.122	0.135	0.139	0.113	0.155	0.126	0.131	0.110	0.124
1974	0.243	0.202	0.285	0.189	0.246	0.224	0.223	0.209	0.187
1975	0.230	0.256	0.263	0.231	0.260	0.228	0.213	0.209	0.229
1976	0.257	0.279	0.299	0.272	0.281	0.244	0.246	0.220	0.257
1977	0.324	0.330	0.322	0.284	0.290	0.301	0.291	0.256	0.305
1978	0.346	0.351	0.336	0.302	0.316	0.294	0.303	0.216	0.305
1979	0.355	0.379	0.371	0.321	0.329	0.357	0.346	0.373	0.384
1980	0.500	0.472	0.469	0.462	0.371	0.381	0.434	0.456	0.381
1981	0.545	0.541	0.535	0.538	0.495	0.375	0.537	0.514	0.415
1982	0.577	0.511	0.593	0.554	0.541	0.445	0.540	0.521	0.512

YEAR	VA	VT	WA	WI	WV	WY	WIS
1970	0.134	0.120	0.121	0.131	0.128	0.117	0.100
1971	0.140	0.116	0.127	0.139	0.133	0.125	0.105
1972	0.141	0.117	0.131	0.139	0.133	0.120	0.106
1973	0.150	0.116	0.135	0.147	0.145	0.132	0.118
1974	0.243	0.194	0.203	0.254	0.232	0.207	0.218
1975	0.269	0.251	0.238	0.250	0.239	0.233	0.225
1976	0.276	0.289	0.259	0.254	0.272	0.267	0.242
1977	0.325	0.290	0.312	0.331	0.317	0.298	0.279
1978	0.313	0.316	0.287	0.344	0.323	0.308	0.270
1979	0.372	0.321	0.383	0.366	0.370	0.348	0.357
1980	0.402	0.489	0.490	0.466	0.507	0.499	0.459
1981	0.506	0.563	0.535	0.492	0.543	0.501	0.500
1982	0.545	0.575	0.648	0.562	0.581	0.540	0.535

Source: Pacific Northwest Laboratory

3.0 BTU PRICES

This chapter presents the updated state-level Btu prices, in nominal dollars per million Btu. The periods covered are 1960 through 1982 for electricity and natural gas, and 1970 through 1982 for metallurgical coal, steam coal, distillate, motor gasoline, diesel, kerosene/jet fuel, residual oil, and LPG. Please refer to Chapter 4.0 of State Energy Price System, Volume 1: Overview and Technical Documentation for basic documentation of data sources and estimation procedures. Also refer to Chapter 4.0 of this report for all the procedural changes necessitated by the updates to include price data for 1981 and 1982, and for the corrections made to the original STEPS documentation. Note that where changes are made in the physical price data, Btu prices are recalculated so the two data bases accurately translate into each other. Conversion factors used for the updates are found in Appendix A.

TABLE 3.1. Electricity Prices: Residential Sector (\$/million Btu)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1960	12.672	4.703	9.241	7.388	7.428	8.042	8.388	7.736	8.381
1961	12.932	4.804	9.226	7.730	7.416	8.275	8.255	7.587	8.597
1962	11.961	4.669	8.962	7.686	7.292	8.315	8.353	7.572	8.098
1963	10.759	4.524	8.442	7.311	7.091	8.185	8.247	7.455	8.049
1964	10.150	4.339	8.051	7.139	6.833	7.918	7.869	7.246	7.794
1965	10.357	4.312	7.710	7.037	6.590	7.863	7.761	7.146	7.567
1966	10.203	4.199	7.401	6.795	6.355	7.844	7.534	6.914	7.373
1967	9.886	4.201	7.240	6.798	6.262	7.645	7.254	6.704	7.293
1968	9.838	4.157	6.929	6.754	6.187	7.550	7.113	6.550	7.189
1969	9.171	4.214	6.716	6.569	6.080	7.480	6.984	6.453	7.230
1970	8.833	4.395	6.487	6.653	6.216	7.356	6.855	6.856	7.163
1971	8.815	4.630	6.549	6.549	6.418	7.361	7.386	7.075	7.674
1972	9.765	4.887	6.726	6.974	6.855	7.626	8.183	7.392	8.897
1973	8.942	5.371	6.593	7.295	7.243	7.570	8.849	8.043	9.184
1974	8.967	6.122	7.723	8.489	9.025	8.068	11.846	11.001	11.963
1975	9.295	7.372	8.561	10.684	9.775	9.099	13.260	12.276	12.748
1976	10.110	8.083	9.949	11.435	10.381	9.567	13.095	11.886	13.264
1977	11.476	9.765	11.153	13.160	11.626	10.079	13.495	12.512	15.231
1978	12.302	10.098	11.644	13.980	12.307	10.612	13.726	14.035	15.594
1979	12.624	11.529	12.046	15.449	12.244	11.624	15.816	14.285	16.898
1980	12.749	13.072	13.072	17.116	16.442	13.277	19.314	16.061	19.226
1981	16.559	15.563	17.204	19.021	17.937	16.208	24.004	18.376	23.623
1982	19.314	17.497	17.937	21.131	21.073	18.171	26.172	19.900	26.436

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1960	7.986	5.828	8.208	8.621	4.789	8.832	7.474	8.514	7.030
1961	7.512	5.691	8.330	8.478	4.932	8.638	7.309	8.100	6.949
1962	7.273	5.716	8.430	8.284	4.808	8.554	7.242	7.976	6.665
1963	7.076	5.609	8.311	8.244	4.942	8.343	7.189	7.864	6.377
1964	6.848	5.449	8.188	8.096	4.868	8.148	7.045	7.615	6.111
1965	6.658	5.297	8.081	7.925	4.860	8.008	6.841	7.411	6.078
1966	6.460	5.108	7.994	7.820	4.847	7.838	6.687	7.386	6.013
1967	6.340	5.041	7.926	7.583	4.767	7.744	6.579	7.311	5.907
1968	6.119	4.954	7.871	7.477	4.740	7.602	6.478	7.100	5.552
1969	5.951	4.931	7.784	7.396	4.662	7.516	6.348	6.951	5.701
1970	5.801	4.932	7.818	7.368	4.575	7.584	6.239	6.818	5.568
1971	5.926	5.177	8.184	7.508	4.663	7.856	6.227	6.936	5.089
1972	6.208	5.598	8.324	7.845	4.691	8.330	6.681	6.940	5.165
1973	6.518	5.796	8.995	7.940	4.604	8.627	6.775	6.845	5.838
1974	8.328	6.747	10.124	8.435	4.592	9.514	7.124	7.247	6.329
1975	9.997	8.246	13.349	9.572	4.819	10.442	7.822	8.449	7.164
1976	10.742	8.596	13.969	10.581	5.374	11.307	8.851	9.330	7.690
1977	11.330	10.092	15.359	11.751	5.851	12.069	10.036	10.958	8.514
1978	11.926	11.113	17.172	12.179	6.101	13.482	11.293	11.830	9.452
1979	13.200	11.786	18.492	13.339	6.746	14.489	12.141	12.702	10.156
1980	15.621	12.808	22.597	14.244	8.030	16.706	12.515	14.244	10.873
1981	20.223	14.127	33.617	17.526	8.734	19.461	14.625	16.530	14.244
1982	20.721	16.794	36.196	18.699	9.144	21.688	16.383	18.962	15.475

TABLE 3.1 (cont). Electricity Prices: Residential Sector (\$/million Btu)

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1960	7.586	10.111	8.387	9.107	7.566	8.429	8.583	6.296	6.848
1961	7.746	9.762	8.255	9.119	7.343	8.360	8.374	6.498	6.795
1962	7.517	9.682	8.073	9.176	7.273	8.041	8.244	6.330	6.691
1963	7.393	9.694	7.906	9.108	7.261	7.985	8.218	5.942	6.644
1964	7.172	9.538	7.619	8.952	7.210	7.672	7.952	5.683	6.448
1965	6.949	9.268	7.374	8.862	7.049	7.317	7.774	5.448	6.190
1966	6.761	9.011	7.071	8.772	6.891	7.166	7.630	5.191	6.147
1967	6.659	8.739	6.914	8.391	6.787	6.997	7.483	5.145	5.975
1968	6.474	8.508	6.710	8.065	6.667	6.973	7.329	4.965	5.861
1969	6.342	8.261	6.581	7.934	6.573	7.001	7.298	4.983	6.174
1970	6.262	8.175	6.657	7.725	6.653	6.947	7.480	4.809	6.249
1971	6.295	8.671	7.325	7.653	6.808	7.132	7.435	5.220	6.216
1972	6.389	9.044	7.696	7.994	7.096	7.463	7.644	5.760	6.321
1973	6.501	9.407	7.993	8.109	7.449	7.470	7.755	5.525	6.460
1974	7.214	12.731	10.457	9.189	8.693	8.159	8.367	6.772	6.535
1975	7.285	14.000	11.521	10.679	10.361	9.059	9.211	7.378	6.425
1976	7.826	14.566	11.884	10.229	11.394	9.756	10.297	9.181	6.549
1977	8.431	15.471	12.510	11.443	12.345	10.842	11.004	10.192	6.966
1978	8.918	15.630	14.036	11.784	13.372	11.568	12.111	10.657	7.673
1979	9.980	16.951	14.288	13.676	14.158	11.789	12.771	11.689	7.816
1980	11.811	20.340	16.061	17.233	15.739	12.339	13.804	12.866	7.913
1981	16.413	25.645	18.376	19.930	17.732	16.970	15.358	16.794	10.170
1982	17.292	24.648	19.900	20.428	18.054	17.204	16.764	17.585	10.492

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1960	5.996	8.674	6.550	9.738	8.506	7.905	4.791	9.403	7.496
1961	5.936	8.579	6.881	9.592	8.434	8.480	4.703	9.238	7.466
1962	5.931	8.241	6.556	9.547	8.394	8.475	4.487	9.185	7.529
1963	5.836	8.283	6.736	9.392	8.270	8.332	4.433	8.998	7.461
1964	5.697	8.050	6.702	9.185	8.103	8.121	4.312	8.904	7.331
1965	5.569	7.841	6.461	9.039	7.925	7.893	4.295	8.840	7.171
1966	5.466	7.655	6.281	8.822	7.748	7.849	4.239	8.656	7.025
1967	5.391	7.446	6.237	8.561	7.634	7.804	4.285	8.740	6.946
1968	5.296	7.553	6.088	8.289	7.518	7.777	4.319	8.528	6.806
1969	5.222	7.502	5.943	8.064	7.405	7.816	4.199	8.330	6.659
1970	5.183	7.420	5.907	7.887	7.449	7.750	4.241	8.399	6.650
1971	5.553	7.401	6.173	7.658	8.438	7.732	4.254	8.984	6.830
1972	5.967	7.616	6.571	7.824	8.982	7.989	4.571	9.546	6.968
1973	6.121	7.561	6.189	8.201	9.519	8.013	4.560	10.300	7.106
1974	7.332	7.735	6.590	10.715	12.947	8.514	5.508	13.672	8.518
1975	8.518	8.398	7.445	13.047	14.434	9.587	6.901	15.048	10.000
1976	9.655	9.035	8.647	13.358	15.449	10.412	8.326	15.746	10.444
1977	10.479	9.795	9.554	14.130	17.154	11.734	9.474	17.232	11.752
1978	11.243	10.345	10.132	15.991	17.533	13.747	9.988	17.787	12.828
1979	11.747	10.751	10.764	16.799	18.911	15.867	10.515	19.561	13.879
1980	12.339	11.049	11.577	19.285	22.978	16.940	13.658	22.245	15.035
1981	15.358	14.889	13.716	25.703	26.290	19.930	13.951	27.374	17.585
1982	17.351	15.475	13.716	24.941	28.810	22.157	16.325	28.839	19.666

TABLE 3.1 (cont). Electricity Prices: Residential Sector (\$/million Btu)

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1960	8.743	3.707	7.789	10.026	6.481	9.060	3.012	7.591	6.361
1961	9.012	3.704	7.665	9.873	6.169	8.806	2.988	7.688	6.508
1962	8.716	3.696	7.590	9.737	6.134	8.390	2.919	7.417	6.594
1963	8.382	3.652	7.433	9.581	6.016	8.340	2.857	7.184	6.736
1964	8.075	3.584	7.219	9.422	5.912	8.024	2.790	6.998	6.744
1965	7.860	3.591	6.999	9.262	5.798	7.757	2.694	6.706	6.678
1966	7.650	3.555	6.835	9.077	5.684	7.640	2.625	6.572	6.599
1967	7.581	3.500	6.688	8.884	5.622	7.500	2.671	6.408	6.592
1968	7.413	3.478	6.529	8.400	5.452	7.427	2.732	6.307	6.547
1969	7.234	3.462	6.464	8.216	5.365	7.454	2.913	6.120	6.446
1970	7.055	3.475	6.804	8.027	5.363	7.384	3.173	5.999	6.367
1971	7.053	3.684	7.659	8.128	5.754	7.341	3.707	5.987	6.531
1972	7.040	3.745	8.116	9.136	6.177	7.452	3.702	6.080	6.571
1973	6.800	3.886	8.473	9.533	6.269	7.360	3.904	6.197	6.533
1974	6.984	4.260	10.341	13.341	7.577	7.697	4.586	7.054	6.726
1975	7.524	4.821	11.713	14.124	8.790	8.211	6.063	8.001	8.093
1976	8.773	5.442	12.075	14.113	9.689	9.236	6.741	9.132	9.291
1977	9.933	6.480	13.121	15.840	10.700	9.554	6.894	10.412	10.169
1978	10.681	7.065	13.686	16.040	10.622	10.295	8.032	11.124	11.968
1979	11.198	7.228	14.602	18.222	11.841	10.920	9.092	12.197	13.311
1980	11.987	8.587	16.442	21.600	12.397	11.489	9.994	13.804	15.592
1981	14.947	10.111	18.523	26.377	14.918	16.120	12.192	17.468	17.438
1982	16.706	9.730	21.131	25.234	16.676	16.618	13.746	19.871	18.464

YEAR	VA	VT	WA	WI	WV	WY	US
1960	7.145	8.316	3.216	7.086	7.643	6.619	7.246
1961	7.029	8.108	3.214	7.015	7.495	8.198	7.173
1962	6.904	7.834	3.191	6.972	7.387	8.087	7.065
1963	6.803	7.831	3.225	6.888	7.287	7.984	6.939
1964	6.567	7.602	3.217	6.746	7.089	7.787	6.757
1965	6.318	7.301	3.177	6.599	6.947	7.596	6.602
1966	6.140	6.816	3.070	6.432	6.694	7.438	6.437
1967	6.001	6.629	3.020	6.300	6.525	7.310	6.351
1968	5.813	6.588	2.989	6.252	6.358	7.295	6.219
1969	5.669	6.482	2.966	6.318	6.212	7.244	6.131
1970	5.808	6.351	2.969	6.419	6.095	7.150	6.163
1971	5.928	6.494	2.983	6.531	6.398	7.130	6.413
1972	6.168	7.174	3.083	7.008	6.786	7.278	6.722
1973	6.466	7.603	3.148	7.400	6.823	6.845	6.978
1974	8.269	9.021	3.270	8.000	7.981	6.973	8.293
1975	10.118	10.495	3.603	9.189	9.584	6.938	9.402
1976	10.282	11.731	3.717	10.074	10.508	7.074	10.111
1977	11.895	12.015	4.071	10.820	10.234	7.503	11.091
1978	12.444	12.992	4.191	11.580	10.651	8.155	11.816
1979	13.947	13.169	4.476	12.496	10.811	8.477	12.683
1980	16.120	14.185	5.158	13.599	12.075	8.646	14.449
1981	17.380	17.321	6.272	16.325	13.804	13.042	17.263
1982	18.787	18.523	7.649	18.581	15.680	12.632	18.904

Source: Pacific Northwest Laboratory

TABLE 3.2. Electricity Prices: Commercial Sector (\$/million Btu)

YEAR	AK	AL	AR	AZ	CA	CU	CT	DC	DE
1960	11.838	5.641	7.261	5.356	6.198	6.552	9.024	7.165	7.300
1961	12.283	5.501	7.212	5.219	6.146	6.404	8.680	6.961	7.134
1962	11.362	5.508	7.002	5.254	6.124	6.385	8.438	6.947	6.858
1963	10.751	5.450	6.656	5.331	5.724	6.159	8.170	6.899	6.871
1964	10.545	5.365	6.444	5.361	5.305	6.090	7.755	5.616	6.584
1965	10.567	5.214	6.248	5.542	5.219	6.031	7.650	5.510	6.225
1966	10.312	5.177	6.066	5.320	4.762	5.948	7.414	5.431	6.216
1967	9.832	5.164	6.039	5.079	4.753	5.925	7.201	5.448	6.246
1968	9.552	5.072	5.888	5.305	4.675	5.838	7.030	5.404	6.150
1969	8.959	5.050	5.762	5.227	4.697	5.729	6.896	5.389	6.169
1970	8.947	5.097	5.746	5.268	4.750	5.644	6.772	5.913	6.208
1971	9.147	5.349	5.912	5.366	5.015	5.690	7.118	6.258	6.703
1972	9.842	5.588	6.136	5.874	5.335	5.817	7.863	6.469	7.650
1973	9.285	6.265	6.217	6.172	5.781	5.841	8.307	7.034	8.065
1974	9.136	7.086	7.281	7.178	7.442	6.349	11.481	10.654	10.970
1975	10.010	8.306	7.951	9.275	8.072	7.354	12.665	11.423	11.803
1976	10.269	8.861	9.295	10.112	8.914	8.152	12.575	12.376	12.265
1977	11.187	11.185	10.445	11.597	11.182	8.663	12.944	13.844	15.043
1978	11.862	11.238	10.816	12.669	13.654	9.402	13.066	14.947	15.676
1979	12.422	12.980	11.255	14.233	12.061	10.672	15.273	15.388	16.742
1980	13.628	14.654	12.427	15.533	16.882	12.192	18.611	16.999	19.285
1981	18.406	16.735	15.387	16.735	16.054	15.152	22.831	19.461	20.516
1982	19.900	18.728	15.006	20.076	20.428	16.970	24.824	20.809	21.366

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1960	8.826	6.825	9.643	9.164	4.436	7.330	7.852	7.068	6.769
1961	7.758	6.352	9.424	8.460	4.365	7.212	7.118	6.577	6.681
1962	7.546	6.249	9.512	8.288	5.535	7.029	7.001	6.443	6.556
1963	7.317	6.154	9.527	8.038	4.772	6.849	6.860	6.308	6.411
1964	7.161	6.012	9.433	7.883	4.603	6.612	6.822	6.233	6.152
1965	6.917	5.844	9.334	7.723	4.582	6.414	6.671	6.124	5.747
1966	6.591	5.829	9.268	7.583	4.210	6.261	6.561	6.113	5.596
1967	6.296	5.786	9.216	7.478	3.957	6.172	6.430	6.013	5.427
1968	6.141	5.628	9.131	7.356	3.893	6.125	6.315	5.866	5.236
1969	5.881	5.562	9.171	7.292	3.823	6.103	6.258	5.766	5.244
1970	5.904	5.534	9.384	7.257	3.882	6.257	6.225	5.691	5.185
1971	6.068	5.759	9.937	7.444	4.033	6.570	6.240	5.785	4.705
1972	6.315	6.155	10.087	7.748	4.088	7.017	6.741	5.854	4.820
1973	6.790	6.510	10.642	7.852	4.023	7.155	6.918	5.977	4.015
1974	8.876	7.888	11.915	8.399	3.973	8.280	7.239	6.444	4.373
1975	10.580	9.974	15.261	9.752	4.515	9.595	7.888	7.633	4.860
1976	11.041	10.429	15.930	10.644	5.067	10.348	8.705	8.636	5.123
1977	11.856	11.046	17.272	11.432	5.591	10.954	9.758	10.106	5.958
1978	12.451	12.065	18.994	12.102	5.655	12.199	10.972	10.948	6.957
1979	13.801	12.759	20.467	13.412	6.125	13.176	11.739	11.774	7.638
1980	16.090	14.039	24.912	14.537	7.532	15.768	12.016	13.072	8.118
1981	20.076	14.713	35.375	16.970	8.030	17.937	13.453	15.445	10.727
1982	18.992	16.882	37.192	18.581	10.170	20.428	14.713	17.028	14.068

TABLE 3.2 (cont). Electricity Prices: Commercial Sector (\$/million Btu)

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1960	7.160	11.276	9.919	9.253	7.806	9.494	7.858	6.483	6.228
1961	6.368	10.291	9.464	9.277	7.335	8.142	7.372	6.347	6.033
1962	6.582	9.336	9.234	9.084	7.186	8.265	7.253	6.247	5.840
1963	5.982	9.176	9.040	8.919	7.071	8.068	7.049	6.043	5.687
1964	5.786	9.105	7.317	8.568	6.982	7.847	6.947	5.715	5.544
1965	5.427	8.850	6.987	8.291	6.824	7.575	6.918	5.280	5.350
1966	5.330	8.569	6.761	8.001	6.730	7.486	6.836	5.151	5.302
1967	5.059	8.301	6.685	7.791	6.542	7.395	6.703	5.160	5.130
1968	4.913	7.750	6.568	7.721	6.466	7.385	6.573	5.214	5.033
1969	4.787	7.655	6.507	7.556	6.481	7.359	6.590	5.201	5.355
1970	4.795	7.611	6.773	7.432	6.737	7.304	6.622	5.234	5.432
1971	4.833	8.126	7.389	7.455	6.955	7.453	6.824	5.566	5.457
1972	4.913	8.372	7.782	7.920	7.229	7.724	6.989	6.014	5.590
1973	5.321	8.618	8.075	8.055	7.564	7.769	7.157	6.027	5.784
1974	6.127	12.236	10.822	9.418	8.819	8.591	7.794	7.473	5.802
1975	6.464	13.309	11.606	10.803	10.548	9.593	8.745	7.946	5.908
1976	7.271	14.015	12.389	10.518	11.743	10.114	9.814	9.710	5.910
1977	7.794	14.971	13.864	11.608	12.658	10.788	9.895	10.580	5.535
1978	8.252	15.222	14.953	12.056	13.675	10.994	11.093	10.994	7.199
1979	9.272	16.669	15.385	14.109	14.437	11.546	11.808	12.518	7.242
1980	10.903	20.193	16.999	18.025	16.090	12.134	13.072	13.834	7.386
1981	13.921	24.971	19.461	20.428	18.494	13.335	14.302	18.200	9.379
1982	14.449	24.091	20.809	21.278	18.406	14.977	15.709	18.640	9.437

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1960	5.756	10.399	6.573	9.662	8.308	6.352	4.996	8.425	6.996
1961	5.314	9.761	5.782	9.313	8.171	6.101	5.112	8.275	6.840
1962	5.354	9.314	5.679	9.205	7.973	6.093	4.893	8.368	6.855
1963	5.165	9.014	5.462	8.979	7.771	5.919	4.947	7.307	6.690
1964	4.953	8.572	5.328	8.775	7.548	5.737	4.949	7.253	6.619
1965	4.755	7.863	5.151	8.709	7.447	5.646	4.846	7.317	6.304
1966	4.667	7.583	5.148	8.795	7.340	5.608	4.693	7.152	6.197
1967	4.584	6.612	4.870	8.566	7.294	5.524	4.564	7.222	6.145
1968	4.440	6.324	4.715	8.148	7.230	5.508	4.486	7.189	6.049
1969	4.362	6.252	4.609	8.017	7.133	5.527	4.440	7.091	6.003
1970	4.352	6.258	4.609	8.323	7.207	5.469	4.479	7.380	5.991
1971	4.644	6.206	4.796	8.492	8.109	5.531	4.602	8.416	6.274
1972	4.999	6.433	5.094	8.787	8.479	5.837	4.931	9.024	6.411
1973	5.195	6.427	5.076	9.112	8.961	5.865	5.028	9.799	6.564
1974	6.587	6.712	5.492	11.847	12.635	6.438	5.935	14.084	8.013
1975	7.821	7.246	6.438	14.235	13.840	7.306	7.404	15.326	9.338
1976	8.617	7.902	7.575	14.902	14.532	7.950	8.576	16.131	9.714
1977	9.242	8.515	8.299	15.691	15.827	9.148	9.668	17.349	11.205
1978	9.950	9.077	8.924	17.482	16.335	10.821	10.501	16.844	12.239
1979	10.373	9.532	9.627	18.424	17.569	12.712	10.769	18.159	13.280
1980	11.020	9.818	10.346	21.190	21.161	13.628	14.097	21.952	14.566
1981	13.277	13.482	13.189	26.846	24.121	16.647	15.592	27.462	16.647
1982	15.240	13.892	13.921	25.147	26.290	19.666	20.281	29.191	17.761

TABLE 3.2 (cont). Electricity Prices: Commercial Sector (\$/million Btu)

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1960	6.624	3.200	7.331	10.143	6.233	9.317	4.178	5.786	6.759
1961	6.208	3.060	7.131	9.505	5.632	8.938	4.189	5.604	6.146
1962	6.143	4.237	7.055	9.474	5.336	8.879	4.116	5.740	6.073
1963	5.930	4.132	6.942	9.244	5.438	8.526	4.078	5.590	6.055
1964	5.757	4.063	6.719	9.005	5.299	8.500	3.992	5.463	6.108
1965	5.620	4.012	6.546	8.833	5.037	8.218	3.975	5.275	5.892
1966	5.511	3.859	6.333	8.619	4.942	8.050	3.944	5.125	5.817
1967	5.421	3.790	6.238	8.496	4.806	7.352	4.062	5.050	5.436
1968	5.341	3.774	6.089	6.901	4.615	7.100	4.111	5.012	5.182
1969	5.281	3.714	6.017	6.667	4.580	7.160	4.368	4.960	5.111
1970	5.205	3.687	6.348	6.639	4.587	7.127	4.705	4.913	5.031
1971	5.266	3.909	7.117	6.849	4.896	7.076	5.199	4.925	5.167
1972	5.398	3.892	7.452	7.659	5.096	7.044	5.210	5.063	5.327
1973	5.314	4.008	7.769	7.993	5.274	7.110	5.466	5.146	5.391
1974	5.600	4.432	9.652	11.946	6.692	7.478	6.171	5.952	5.579
1975	6.227	4.807	10.986	12.801	7.910	8.154	7.650	7.016	6.608
1976	7.412	5.141	11.468	12.654	8.453	9.180	8.233	7.988	7.347
1977	8.510	5.429	12.484	14.000	9.271	9.275	8.755	9.342	8.275
1978	9.281	5.994	13.296	14.303	9.652	9.912	10.207	10.248	9.535
1979	9.780	6.426	14.039	16.150	10.461	10.513	11.408	11.391	10.943
1980	10.844	7.825	15.651	19.373	11.108	11.137	12.544	12.778	12.397
1981	13.130	9.789	17.673	23.652	13.042	14.215	14.449	16.266	13.453
1982	13.834	11.049	20.281	22.567	15.123	14.273	17.702	18.435	15.739

3.0

YEAR	VA	VT	WA	WI	WV	WY	US
1960	5.833	9.206	4.142	7.656	6.887	5.037	6.970
1961	5.630	7.689	3.839	7.369	6.796	4.621	6.649
1962	5.445	7.472	3.904	7.358	6.681	5.370	6.705
1963	5.250	7.561	3.822	7.177	6.551	5.559	6.453
1964	5.126	7.437	3.815	6.988	6.341	5.552	6.255
1965	4.942	7.282	3.694	6.781	6.206	5.436	6.106
1966	4.808	6.962	3.324	6.558	5.946	5.317	5.875
1967	4.714	6.739	2.953	6.487	5.808	5.153	5.775
1968	4.581	6.702	3.000	6.464	5.607	5.077	5.691
1969	4.484	6.616	3.000	6.638	5.507	5.054	5.643
1970	4.578	6.416	3.036	6.887	5.499	4.990	5.720
1971	4.764	6.531	3.069	7.010	5.924	5.079	6.032
1972	4.949	7.176	3.183	7.437	6.294	5.350	6.330
1973	5.083	7.713	3.215	7.855	6.407	4.999	6.598
1974	6.807	9.481	3.478	8.337	7.613	4.939	8.171
1975	8.771	10.487	3.795	9.369	9.247	5.067	9.251
1976	8.966	11.307	3.760	9.841	10.109	5.204	9.913
1977	10.731	11.505	4.272	10.966	10.084	5.745	10.995
1978	11.022	12.247	4.209	11.631	10.776	6.351	11.688
1979	12.442	12.223	4.539	12.474	10.556	6.748	12.899
1980	14.420	13.540	5.129	13.951	11.899	6.917	14.654
1981	15.123	18.464	6.389	16.354	13.335	12.456	17.087
1982	16.149	19.343	7.972	18.054	15.094	11.753	18.845

Source: Pacific Northwest Laboratory

TABLE 3.3. Electricity Prices: Industrial Sector (\$/million Btu)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1960	9.545	1.965	2.660	2.946	3.418	3.746	4.518	3.581	3.608
1961	9.494	1.970	2.884	2.860	3.425	3.830	4.525	3.667	3.477
1962	8.834	1.949	2.838	3.316	3.324	4.034	4.484	3.695	2.909
1963	5.945	1.897	2.678	3.430	3.159	3.835	4.404	3.659	2.825
1964	5.319	1.858	2.553	3.356	3.121	3.730	4.197	3.214	2.711
1965	5.564	1.849	2.462	3.321	2.792	3.579	4.124	3.164	2.544
1966	5.122	1.859	2.383	3.293	2.624	3.517	4.011	3.144	2.470
1967	5.408	1.868	2.511	3.413	2.700	3.405	3.974	3.212	2.527
1968	5.154	1.940	2.573	3.328	2.675	3.376	3.964	3.249	2.550
1969	4.910	1.940	2.579	3.302	2.685	3.378	3.935	3.326	2.665
1970	5.021	2.098	2.606	3.335	2.718	3.279	3.999	3.763	2.903
1971	5.114	2.402	2.764	3.444	2.871	3.288	4.455	4.050	3.594
1972	5.398	2.523	2.966	3.537	3.123	3.518	5.106	4.151	4.419
1973	5.845	2.825	3.354	4.173	3.537	3.859	5.620	4.560	5.063
1974	5.952	3.574	4.565	5.167	5.277	4.162	8.367	7.815	7.496
1975	6.307	5.016	4.812	6.647	6.221	5.154	9.765	8.927	8.587
1976	9.705	5.368	6.308	7.210	7.132	5.639	9.717	7.398	8.472
1977	9.489	6.371	6.859	8.139	8.858	5.941	10.162	8.022	9.386
1978	9.452	7.071	6.987	8.460	10.062	6.462	10.153	9.422	9.914
1979	9.561	8.331	7.362	9.427	10.297	7.524	12.079	9.350	10.895
1980	10.023	9.642	8.441	10.668	14.566	8.939	15.211	10.903	13.599
1981	8.793	11.313	9.701	11.225	16.676	9.613	19.549	12.134	15.358
1982	21.366	13.042	11.108	16.090	20.106	11.899	20.633	13.834	16.823

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1960	3.966	2.793	4.496	3.847	1.717	3.979	3.694	2.956	1.441
1961	3.835	2.760	4.444	3.987	1.645	3.707	3.623	3.241	1.460
1962	3.762	2.721	4.497	3.970	1.782	3.439	3.571	3.403	1.503
1963	3.661	2.696	4.459	3.843	1.681	3.344	3.481	3.284	1.512
1964	3.562	2.663	4.355	3.716	1.723	3.235	3.425	3.245	1.552
1965	3.408	2.601	4.332	3.564	1.703	3.154	3.339	3.222	1.584
1966	3.291	2.541	4.308	3.519	1.682	3.096	3.274	3.223	1.651
1967	3.224	2.563	4.337	3.586	1.710	3.119	3.267	3.196	1.714
1968	3.214	2.565	4.337	3.665	1.694	3.127	3.241	3.228	1.747
1969	3.328	2.619	4.285	3.584	1.704	3.161	3.191	3.236	1.832
1970	3.332	2.728	4.298	3.622	1.719	3.335	3.293	3.277	2.020
1971	3.422	2.968	4.646	3.812	1.774	3.567	3.403	3.322	2.248
1972	3.765	3.173	4.765	3.969	1.815	3.830	3.672	3.372	2.347
1973	4.071	3.467	5.270	4.118	1.896	3.983	3.760	3.539	2.493
1974	5.536	4.712	6.073	4.612	2.023	4.793	4.180	3.934	3.052
1975	7.033	6.810	9.142	5.859	2.505	5.970	5.262	5.217	4.236
1976	7.931	6.762	9.439	6.519	2.977	6.590	5.837	6.014	4.586
1977	7.883	7.353	10.640	7.360	3.402	7.231	7.203	7.339	5.024
1978	8.516	8.389	12.261	7.776	3.562	8.410	8.529	8.032	6.361
1979	9.503	8.839	13.322	8.792	4.165	9.098	9.126	8.500	7.091
1980	12.603	9.877	17.438	9.555	5.100	11.079	10.170	9.760	8.030
1981	15.856	10.580	28.664	10.932	5.950	12.573	11.342	11.254	10.346
1982	15.768	12.866	30.158	12.192	6.272	14.566	13.247	13.599	10.698

TABLE 3.3 (cont). Electricity Prices: Industrial Sector (\$/million Btu)

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1960	2.511	5.223	4.354	3.712	3.687	4.480	3.818	2.948	1.258
1961	2.774	5.298	4.376	3.832	3.687	4.595	3.842	2.912	1.308
1962	2.722	4.906	4.327	3.820	3.555	4.601	3.778	2.956	1.342
1963	2.668	4.884	4.197	3.792	3.439	4.368	3.653	2.818	1.328
1964	2.609	4.849	3.608	3.754	3.382	4.227	3.577	2.708	1.321
1965	2.521	4.773	3.527	3.687	3.299	4.142	3.539	2.587	1.290
1966	2.369	4.669	3.439	3.607	3.166	4.048	3.490	2.534	1.246
1967	2.378	4.661	3.436	3.578	3.208	3.938	3.489	2.560	1.241
1968	2.352	4.488	3.442	3.376	3.173	3.829	3.488	2.636	1.184
1969	2.347	4.470	3.472	3.368	3.198	3.845	3.525	2.692	1.189
1970	2.330	4.564	3.517	3.293	3.499	3.905	3.751	2.754	1.244
1971	2.385	5.096	3.921	3.414	3.773	4.110	3.934	2.994	1.252
1972	2.454	5.514	4.173	3.702	3.943	4.313	4.132	3.195	1.303
1973	2.865	5.890	4.497	3.853	4.222	4.357	4.391	3.504	1.552
1974	3.658	9.161	6.716	5.492	5.581	5.097	4.979	4.803	1.473
1975	3.709	10.411	7.671	6.000	7.269	6.248	6.004	5.934	1.821
1976	3.896	10.946	7.400	5.693	7.921	6.930	6.901	6.979	1.786
1977	4.515	11.898	8.020	6.297	8.590	8.188	7.289	7.553	1.968
1978	5.189	11.827	9.421	6.499	9.628	8.591	8.335	8.143	2.116
1979	6.343	13.219	9.348	8.495	10.376	8.951	9.055	9.270	2.336
1980	8.382	16.266	10.903	12.251	12.309	10.229	10.317	10.610	2.784
1981	10.785	20.809	12.134	14.009	13.951	11.489	11.049	13.159	3.693
1982	12.456	19.637	13.834	13.570	15.651	13.453	12.427	14.596	6.096

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1960	2.528	5.705	2.899	4.285	3.799	3.565	1.292	3.713	2.239
1961	2.567	5.908	3.295	4.275	3.821	3.625	1.312	3.701	2.232
1962	2.638	6.310	3.127	4.379	3.728	3.641	1.088	3.632	2.284
1963	2.595	5.980	3.235	4.261	3.580	3.589	1.211	3.050	2.284
1964	2.517	5.997	3.274	4.171	3.453	3.504	1.164	3.066	2.317
1965	2.468	5.868	3.164	4.115	3.430	3.389	1.332	3.037	2.348
1966	2.489	5.846	3.076	4.109	3.386	3.290	1.568	3.010	2.474
1967	2.492	5.798	3.137	4.077	3.431	3.182	1.783	3.049	2.504
1968	2.476	5.761	3.136	3.914	3.506	3.183	1.888	3.128	2.535
1969	2.480	5.649	3.164	3.912	3.507	3.193	1.898	3.096	2.585
1970	2.580	5.568	3.202	3.914	3.645	3.223	2.007	3.283	2.716
1971	2.760	5.656	3.385	3.873	4.404	3.229	2.145	3.689	2.930
1972	2.950	5.935	3.551	4.017	4.709	3.381	2.286	3.929	2.964
1973	3.201	5.997	3.724	4.445	5.151	3.532	2.751	4.181	3.079
1974	4.496	6.401	3.862	6.913	8.262	4.233	3.929	6.200	4.247
1975	5.905	7.432	4.606	8.745	9.318	5.149	3.925	7.400	5.211
1976	6.283	7.821	5.452	8.677	9.716	6.108	5.728	7.479	5.229
1977	6.781	8.423	5.639	9.241	11.152	7.385	6.658	8.394	5.972
1978	7.440	8.620	6.124	10.681	11.360	9.269	7.144	8.658	7.032
1979	7.696	8.808	6.642	11.790	12.342	11.513	8.383	9.790	7.719
1980	8.353	9.144	7.444	14.771	15.885	12.603	10.873	11.313	9.144
1981	10.170	11.196	8.880	20.428	18.757	14.273	11.313	14.449	10.170
1982	11.284	13.453	10.551	19.109	21.102	16.471	12.691	15.563	12.280

TABLE 3.3 (cont). Electricity Prices: Industrial Sector (\$/million Btu)

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1960	2.999	0.962	3.572	5.104	2.182	4.468	1.373	2.913	3.335
1961	3.203	0.837	3.570	5.081	2.157	4.299	1.403	2.862	3.466
1962	3.199	1.236	3.517	5.018	2.212	4.368	1.431	2.852	3.561
1963	3.021	1.248	3.428	4.936	2.167	4.218	1.417	2.757	3.616
1964	2.984	1.198	3.273	4.871	2.168	4.123	1.433	2.664	3.608
1965	2.965	1.165	3.176	4.794	2.157	4.112	1.464	2.582	3.593
1966	2.947	1.172	3.084	4.684	2.161	4.125	1.467	2.484	3.531
1967	2.945	1.137	3.107	4.656	2.171	4.203	1.517	2.426	3.685
1968	2.952	1.124	3.052	4.461	2.159	4.229	1.589	2.393	3.686
1969	2.943	1.139	3.055	4.383	2.153	4.251	1.705	2.345	3.568
1970	2.925	1.180	3.322	4.525	2.260	4.416	1.915	2.349	3.512
1971	2.926	1.276	3.927	4.957	2.478	4.663	2.328	2.351	3.701
1972	2.962	1.349	4.171	5.492	2.569	4.828	2.314	2.459	3.869
1973	3.016	1.343	4.377	5.789	2.890	4.819	2.447	2.691	3.850
1974	3.284	1.449	6.166	9.620	4.128	5.124	2.990	3.389	4.125
1975	3.982	1.981	7.423	10.548	5.387	5.577	4.523	4.362	5.003
1976	5.167	2.348	7.538	10.548	5.667	6.325	5.037	5.417	5.870
1977	6.274	2.600	8.466	11.614	6.328	6.570	5.327	6.304	6.363
1978	6.805	3.046	9.063	12.089	6.735	7.466	6.888	6.904	7.045
1979	7.101	3.503	9.801	13.706	7.476	7.779	8.109	7.995	8.145
1980	8.177	4.338	12.016	17.233	7.972	8.587	9.086	9.232	9.291
1981	10.170	5.569	13.599	21.776	9.320	10.053	11.137	11.635	10.756
1982	11.401	8.089	16.090	21.366	10.815	11.987	12.984	14.127	12.251

YEAR	VA	VT	WA	WI	WV	WY	WIS
1960	3.121	4.232	0.947	3.900	2.560	3.219	2.834
1961	3.114	4.387	0.961	4.055	2.551	3.723	2.843
1962	3.039	4.393	0.969	4.012	2.503	3.065	2.815
1963	3.006	4.332	0.956	3.922	2.447	2.769	2.714
1964	2.931	4.263	0.945	3.881	2.387	2.732	2.673
1965	2.811	4.156	0.918	3.775	2.371	2.687	2.627
1966	2.791	4.052	0.912	3.661	2.356	2.677	2.606
1967	2.817	4.212	0.909	3.653	2.380	2.921	2.632
1968	2.775	4.281	0.921	3.630	2.346	3.003	2.639
1969	2.786	4.241	0.883	3.750	2.359	3.010	2.653
1970	2.885	4.231	0.912	3.958	2.458	3.026	2.780
1971	3.146	4.377	0.937	4.165	2.802	3.043	3.033
1972	3.407	4.886	0.941	4.362	3.083	3.071	3.201
1973	3.548	5.206	0.983	4.613	3.196	3.077	3.443
1974	5.347	6.603	0.975	5.025	4.467	3.136	4.537
1975	6.842	7.066	1.274	6.154	6.092	3.193	5.630
1976	6.708	7.578	1.321	6.871	6.392	3.522	6.062
1977	7.924	7.611	1.264	7.064	6.405	3.839	6.824
1978	7.848	8.254	1.345	7.566	7.102	4.518	7.600
1979	9.430	8.411	1.465	8.340	7.131	4.558	8.352
1980	11.313	9.730	2.081	9.291	8.030	4.807	9.994
1981	11.489	13.306	2.843	10.698	9.056	5.950	11.811
1982	13.130	15.211	5.305	12.603	10.903	8.529	13.658

Source: Pacific Northwest Laboratory

TABLE 3.4. Electricity Prices: Transportation Sector (\$/million Btu)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1960	0.0	0.0	0.0	0.0	3.121	0.0	3.689	3.390	0.0
1961	0.0	0.0	0.0	0.0	3.153	0.0	7.866	3.816	0.0
1962	0.0	0.0	0.0	0.0	3.164	0.0	0.0	3.815	0.0
1963	0.0	0.0	3.029	0.0	3.022	0.0	0.0	3.752	0.0
1964	0.0	0.0	3.419	0.0	2.949	0.0	0.0	3.444	0.0
1965	0.0	0.0	3.778	0.0	3.159	0.0	0.0	3.454	0.0
1966	0.0	0.0	3.712	0.0	2.985	0.0	0.0	3.423	0.0
1967	0.0	0.0	3.664	0.0	2.889	0.0	0.0	3.554	0.0
1968	0.0	0.0	3.251	0.0	2.902	0.0	0.0	3.556	0.0
1969	0.0	0.0	3.440	0.0	2.875	0.0	0.0	3.581	0.0
1970	0.0	0.0	3.517	0.0	2.876	0.0	0.0	3.665	0.0
1971	0.0	0.0	3.468	0.0	2.948	0.0	0.0	4.371	0.0
1972	12.020	0.0	3.688	0.0	3.044	0.0	0.0	4.634	0.0
1973	20.810	0.0	4.486	0.0	3.203	0.0	0.0	5.070	0.0
1974	21.980	0.0	6.320	0.0	3.923	0.0	0.0	7.509	0.0
1975	9.230	0.0	7.220	0.0	4.335	0.0	0.0	8.178	0.0
1976	9.090	0.0	7.895	0.0	5.075	0.0	0.0	7.534	0.0
1977	8.939	0.0	5.538	0.0	8.184	0.0	0.0	7.384	0.0
1978	8.646	0.0	4.118	0.0	9.131	0.0	0.0	10.440	0.0
1979	9.820	0.0	8.188	0.0	7.408	0.0	0.0	11.052	0.0
1980	0.0	0.0	11.342	0.0	10.756	0.0	0.0	12.544	0.0
1981	10.698	0.0	8.060	0.0	13.101	0.0	0.0	14.801	0.0
1982	8.792	0.0	5.422	14.625	18.435	11.723	0.0	17.556	0.0

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1960	0.0	3.013	0.0	3.664	0.0	4.317	4.543	2.638	0.0
1961	0.0	2.952	0.0	3.601	0.0	4.427	4.616	1.612	0.0
1962	0.0	2.931	0.0	3.391	0.0	4.401	4.752	0.0	0.0
1963	0.0	2.886	0.0	4.162	0.0	4.502	4.511	0.0	0.0
1964	0.0	0.0	0.0	3.224	0.0	4.351	4.791	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	4.232	4.734	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	4.208	4.622	0.0	0.0
1967	0.0	0.0	0.0	1.172	0.0	4.057	4.599	0.0	0.0
1968	0.0	0.0	0.0	0.0	0.0	4.077	4.624	0.0	0.0
1969	0.0	0.0	0.0	0.0	0.0	4.077	4.934	0.0	0.0
1970	0.0	0.0	0.0	0.0	0.0	4.085	5.234	0.0	0.0
1971	0.0	0.0	0.0	0.0	0.0	4.401	5.754	0.0	0.0
1972	0.0	0.0	0.0	0.0	0.0	4.678	5.627	0.0	0.0
1973	0.0	0.0	0.0	0.0	0.0	5.010	6.090	0.0	0.0
1974	0.0	0.0	0.0	0.0	0.0	5.765	7.568	0.0	0.0
1975	0.0	0.0	0.0	0.0	0.0	6.109	9.499	0.0	0.0
1976	0.0	0.0	0.0	0.0	0.0	6.682	11.137	0.0	0.0
1977	0.0	0.0	0.0	0.0	0.0	7.199	13.347	0.0	0.0
1978	0.0	0.0	0.0	0.0	0.0	8.166	15.582	0.0	0.0
1979	0.0	9.232	0.0	0.0	0.0	9.398	17.023	0.0	0.0
1980	0.0	9.877	0.0	0.0	0.0	11.841	21.512	0.0	0.0
1981	0.0	12.104	0.0	0.0	0.0	13.863	22.919	0.0	0.0
1982	0.0	12.866	0.0	0.0	0.0	16.002	26.290	0.0	0.0

TABLE 3.4 (cont). Electricity Prices: Transportation Sector (\$/million Btu)

YEAR	LA	MA	MD	ME	MI	MN	MU	MS	MT
1960	3.464	2.801	3.388	0.0	5.393	0.0	0.0	0.0	1.630
1961	3.605	2.833	3.816	0.0	5.276	0.0	4.396	0.0	1.624
1962	3.737	2.462	3.815	0.0	2.638	0.0	3.098	0.0	1.627
1963	3.700	2.579	3.752	0.0	0.0	0.0	2.801	0.0	1.615
1964	4.187	2.425	3.444	0.0	0.0	0.0	2.442	0.0	1.602
1965	4.396	2.291	3.454	0.0	0.0	0.0	2.512	0.0	1.590
1966	0.0	2.425	3.423	0.0	0.0	0.0	2.596	0.0	1.582
1967	0.0	2.390	3.554	0.0	0.0	0.0	2.470	0.0	1.576
1968	0.0	2.491	3.556	0.0	0.0	0.0	2.638	0.0	1.576
1969	3.810	2.470	3.581	0.0	0.0	0.0	2.696	0.0	1.615
1970	3.810	5.661	3.665	0.0	0.0	0.0	2.775	0.0	1.558
1971	0.0	8.182	4.371	0.0	0.0	0.0	3.015	0.0	1.568
1972	4.103	8.659	4.634	0.0	0.0	0.0	3.287	0.0	1.563
1973	3.517	7.362	5.070	0.0	0.0	0.0	3.454	0.0	1.556
1974	0.0	13.020	7.509	0.0	0.0	0.0	4.054	0.0	1.542
1975	0.0	14.769	8.178	0.0	0.0	0.0	5.591	0.0	0.0
1976	0.0	18.106	7.534	0.0	0.0	0.0	6.950	0.0	0.0
1977	0.0	18.660	7.384	0.0	0.0	0.0	8.078	0.0	0.0
1978	0.0	21.004	10.440	0.0	0.0	0.0	9.004	0.0	0.0
1979	0.0	18.585	11.052	0.0	0.0	0.0	9.428	0.0	0.0
1980	0.0	21.747	12.544	0.0	0.0	0.0	11.313	0.0	0.0
1981	0.0	24.414	14.801	0.0	0.0	0.0	11.870	0.0	0.0
1982	0.0	23.769	17.556	0.0	0.0	0.0	12.222	0.0	0.0

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1960	0.0	0.0	0.0	0.0	5.236	0.0	5.569	4.252	3.292
1961	3.810	0.0	0.0	0.0	5.495	0.0	6.448	4.299	3.343
1962	0.0	0.0	0.0	0.0	0.0	0.0	5.862	4.284	3.428
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.186	3.569
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.161	3.658
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.227	3.424
1966	2.989	0.0	0.0	0.0	0.0	0.0	0.0	4.263	3.577
1967	3.419	0.0	0.0	0.0	0.0	0.0	0.0	4.263	3.641
1968	3.098	0.0	0.0	0.0	0.0	0.0	0.0	4.332	3.688
1969	3.182	0.0	0.0	0.0	4.103	0.0	0.0	4.487	3.741
1970	3.224	0.0	0.0	0.0	4.616	0.0	0.0	4.821	4.049
1971	3.712	0.0	0.0	0.0	5.803	0.0	0.0	5.501	4.505
1972	3.712	0.0	0.0	0.0	5.666	0.0	0.0	6.300	4.614
1973	3.142	0.0	0.0	0.0	6.239	0.0	0.0	7.364	4.997
1974	3.182	0.0	0.0	0.0	8.548	0.0	0.0	12.402	7.072
1975	4.006	0.0	0.0	0.0	11.137	0.0	0.0	13.661	7.635
1976	4.431	0.0	0.0	0.0	9.437	0.0	0.0	13.844	8.592
1977	4.575	0.0	0.0	0.0	10.668	0.0	0.0	11.430	11.151
1978	4.575	0.0	0.0	0.0	9.965	0.0	0.0	13.425	12.036
1979	4.751	0.0	0.0	0.0	12.134	0.0	0.0	15.252	13.139
1980	0.0	0.0	3.869	0.0	13.042	0.0	0.0	15.006	13.218
1981	0.0	0.0	8.118	0.0	19.812	0.0	0.0	14.771	16.970
1982	0.0	0.0	8.060	0.0	17.321	0.0	0.0	21.600	20.750

TABLE 3.4 (cont). Electricity Prices: Transportation Sector (\$/million Btu)

YEAR	OK	OK	PA	RI	SC	SD	TN	TX	UT
1960	0.0	0.0	3.220	0.0	0.0	0.0	0.0	1.348	0.0
1961	0.0	0.0	3.293	0.0	0.0	0.0	0.0	1.641	0.0
1962	0.0	0.0	3.325	0.0	0.0	0.0	0.0	1.685	0.0
1963	0.0	0.0	3.293	0.0	0.0	0.0	0.0	1.800	0.0
1964	0.0	0.0	3.215	0.0	0.0	0.0	0.0	4.103	0.0
1965	0.0	0.0	3.111	0.0	0.0	0.0	0.0	3.810	0.0
1966	0.0	0.0	3.111	0.0	0.0	0.0	0.0	2.345	0.0
1967	0.0	0.0	3.641	0.0	0.0	0.0	0.0	0.0	0.0
1968	0.0	0.0	3.272	0.0	0.0	0.0	0.0	0.0	0.0
1969	0.0	0.0	3.287	0.0	0.0	0.0	0.0	0.0	0.0
1970	0.0	0.0	3.658	0.0	0.0	0.0	0.0	0.0	0.0
1971	0.0	0.0	4.459	0.0	0.0	0.0	0.0	0.0	0.0
1972	0.0	0.0	4.869	0.0	0.0	0.0	0.0	0.0	0.0
1973	0.0	0.0	5.216	0.0	0.0	0.0	0.0	0.0	0.0
1974	0.0	0.0	7.501	0.0	0.0	0.0	0.0	0.0	0.0
1975	0.0	0.0	8.406	0.0	0.0	0.0	0.0	0.0	0.0
1976	0.0	0.0	8.576	0.0	0.0	0.0	0.0	0.0	0.0
1977	0.0	0.0	9.343	0.0	0.0	0.0	0.0	0.0	0.0
1978	0.0	0.0	9.343	0.0	0.0	0.0	0.0	0.0	0.0
1979	0.0	0.0	9.294	0.0	0.0	0.0	3.810	0.0	0.0
1980	0.0	0.0	15.211	0.0	0.0	0.0	0.0	0.0	0.0
1981	0.0	0.0	18.406	0.0	0.0	0.0	0.0	0.0	0.0
1982	0.0	0.0	19.783	0.0	0.0	0.0	0.0	0.0	0.0

YEAR	VA	VT	WA	WI	WV	WY	US
1960	0.0	0.0	2.047	3.699	0.0	0.0	3.849
1961	0.0	0.0	2.047	4.061	0.0	0.0	3.933
1962	0.0	0.0	2.085	3.724	0.0	0.0	3.930
1963	0.0	0.0	2.030	3.724	0.0	0.0	3.878
1964	0.0	0.0	1.986	3.331	0.0	0.0	3.831
1965	0.0	0.0	1.905	3.468	0.0	0.0	3.837
1966	0.0	0.0	1.909	0.0	0.0	0.0	3.839
1967	0.0	0.0	1.944	0.0	0.0	0.0	3.885
1968	0.0	0.0	2.019	0.0	0.0	0.0	3.966
1969	0.0	0.0	2.221	0.0	0.0	0.0	4.074
1970	0.0	0.0	2.160	0.0	0.0	0.0	4.376
1971	0.0	0.0	2.143	0.0	0.0	0.0	5.030
1972	0.0	0.0	2.261	0.0	0.0	0.0	5.631
1973	0.0	0.0	2.554	0.0	0.0	0.0	6.435
1974	0.0	0.0	2.798	0.0	0.0	0.0	10.057
1975	0.0	0.0	3.200	0.0	0.0	0.0	10.917
1976	0.0	0.0	3.346	0.0	0.0	0.0	11.069
1977	0.0	0.0	4.152	0.0	0.0	0.0	10.137
1978	14.615	0.0	3.664	0.0	0.0	0.0	11.499
1979	15.020	0.0	3.883	0.0	0.0	0.0	12.705
1980	13.423	0.0	3.898	0.0	0.0	0.0	14.156
1981	17.526	0.0	4.924	0.0	0.0	0.0	15.240
1982	17.819	0.0	5.569	0.0	0.0	0.0	19.930

Source: Pacific Northwest Laboratory

TABLE 3.5. Natural Gas Prices: Residential Sector (\$/million Btu)

YFAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1960	0.134	1.064	0.652	0.743	0.892	0.747	1.787	1.522	1.676
1961	0.263	1.171	0.698	1.037	0.938	0.738	1.946	1.521	1.670
1962	0.964	1.064	0.701	0.859	0.931	0.742	1.921	1.498	1.676
1963	1.255	1.126	0.720	0.887	0.929	0.749	1.879	1.503	1.630
1964	1.253	1.087	0.732	0.875	0.967	0.770	1.835	1.465	1.614
1965	1.488	1.092	0.724	1.009	0.892	0.742	1.822	1.464	1.591
1966	1.502	1.065	0.707	0.875	0.870	0.649	1.812	1.429	1.567
1967	1.513	1.098	0.714	0.902	0.863	0.731	1.789	1.408	1.532
1968	1.509	1.060	0.701	0.87	0.872	0.687	1.784	1.387	1.530
1969	1.509	1.055	0.708	0.964	0.868	0.695	1.787	1.390	1.443
1970	1.512	1.095	0.752	1.123	0.928	0.733	1.882	1.427	1.537
1971	1.523	1.149	0.785	1.148	0.974	0.760	2.036	1.482	1.578
1972	1.545	1.228	0.824	1.175	1.024	0.803	2.061	1.622	1.677
1973	1.559	1.329	0.873	1.296	1.103	0.858	2.214	1.658	1.816
1974	1.572	1.508	1.061	1.409	1.307	1.034	2.757	1.873	2.069
1975	1.619	1.524	1.119	1.458	1.489	1.267	3.277	2.303	2.378
1976	1.645	1.931	1.231	2.012	1.689	1.387	3.384	2.599	2.545
1977	1.701	2.240	1.939	2.473	1.794	1.805	4.297	3.228	3.154
1978	1.760	2.621	1.958	2.883	1.885	2.213	4.416	3.248	3.938
1979	1.708	3.550	1.543	3.352	2.352	2.775	4.689	3.602	3.904
1980	1.732	3.913	2.471	3.863	3.362	3.262	5.724	4.560	4.155
1981	1.946	4.608	3.039	4.399	3.564	4.200	6.684	5.423	5.345
1982	1.797	5.312	3.822	5.622	4.232	4.899	8.291	6.533	5.854

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1960	2.863	0.958	0.0	0.934	1.198	1.106	0.929	0.564	0.761
1961	2.688	1.003	0.0	0.936	1.222	1.120	0.983	0.616	0.791
1962	2.570	1.009	0.0	0.940	1.225	1.123	0.989	0.559	0.784
1963	2.753	0.997	0.0	0.947	1.233	1.103	0.991	0.565	0.777
1964	2.566	0.987	0.0	0.936	1.192	1.032	0.949	0.576	0.783
1965	2.403	1.000	0.0	0.923	1.272	1.003	0.952	0.576	0.790
1966	2.129	0.931	0.0	0.911	1.198	0.981	0.947	0.591	0.782
1967	2.179	0.985	0.0	0.909	1.233	0.990	0.982	0.597	0.823
1968	2.475	0.977	0.0	0.915	1.327	0.991	0.934	0.634	0.777
1969	2.371	0.974	0.0	0.919	1.339	0.973	0.937	0.648	0.783
1970	2.406	1.011	0.0	0.952	1.335	1.017	1.006	0.690	0.812
1971	2.428	1.093	0.0	1.012	1.434	1.042	1.076	0.722	0.863
1972	2.553	1.219	0.0	1.096	1.420	1.107	1.131	0.737	0.910
1973	2.591	1.265	0.0	1.156	1.438	1.185	1.197	0.756	0.971
1974	2.733	1.362	0.0	1.207	1.728	1.320	1.284	0.913	1.084
1975	2.626	1.458	0.0	1.416	2.067	1.572	1.470	1.046	1.217
1976	2.702	1.650	0.0	1.599	2.120	1.852	1.712	1.511	1.306
1977	3.377	1.914	0.0	1.927	2.695	2.153	2.042	1.752	1.768
1978	3.381	2.267	0.0	2.247	3.234	2.458	2.192	1.810	1.918
1979	3.567	2.769	0.0	2.678	3.557	2.934	2.674	1.996	2.331
1980	4.613	3.565	13.447	3.182	4.727	3.534	3.190	2.398	3.002
1981	5.011	4.228	16.238	3.883	5.205	3.966	3.633	3.068	3.440
1982	6.320	5.174	15.883	4.656	6.457	4.631	4.320	4.065	4.407

TABLE 3.5 (cont). Natural Gas Prices: Residential Sector (\$/million Btu)

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1960	0.619	2.145	1.517	0.0	0.942	1.158	0.778	0.866	0.660
1961	0.634	2.099	1.516	0.0	0.981	1.153	0.792	0.852	0.654
1962	0.665	2.047	1.494	0.0	0.982	1.102	0.786	0.859	0.751
1963	0.684	1.775	1.498	0.0	0.982	1.114	0.808	0.870	0.746
1964	0.658	1.921	1.463	0.0	0.981	1.085	0.823	0.812	0.762
1965	0.694	1.850	1.404	0.0	0.973	1.059	0.824	0.848	0.780
1966	0.706	1.884	1.427	3.079	0.966	1.037	0.833	0.853	0.778
1967	0.728	1.854	1.409	3.014	0.960	1.021	0.824	0.861	0.798
1968	0.736	1.834	1.386	3.146	0.962	1.021	0.844	0.950	0.823
1969	0.742	1.833	1.388	3.026	0.969	1.062	0.869	0.859	0.885
1970	0.758	1.896	1.423	3.073	1.000	1.090	0.951	0.862	0.894
1971	0.819	2.094	1.477	3.175	1.047	1.176	1.002	0.921	0.920
1972	0.889	2.263	1.614	3.340	1.082	1.229	1.089	1.056	0.936
1973	0.944	2.375	1.648	3.394	1.170	1.305	1.167	1.064	1.052
1974	1.087	2.686	1.860	3.712	1.361	1.409	1.264	1.200	1.096
1975	1.319	3.139	2.302	4.078	1.602	1.567	1.486	1.376	1.269
1976	1.514	3.620	2.525	4.111	1.884	1.742	1.694	1.673	1.345
1977	1.901	3.922	4.144	5.273	2.208	2.138	2.180	2.056	1.800
1978	2.364	4.129	2.330	4.883	2.295	2.414	2.280	2.348	1.893
1979	2.613	4.513	2.718	6.200	2.630	2.875	2.816	2.764	2.235
1980	3.278	5.336	4.380	6.201	3.157	3.238	3.240	3.383	3.017
1981	4.001	6.272	4.996	7.267	3.781	4.111	3.961	3.892	3.713
1982	5.086	7.365	6.021	8.427	4.687	4.937	5.110	4.797	4.411

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1960	1.404	0.785	0.839	1.922	2.032	0.715	1.101	1.524	0.761
1961	1.453	0.861	0.851	1.801	1.942	0.717	1.271	1.602	0.773
1962	1.436	0.868	0.854	1.861	1.880	0.735	1.230	1.338	0.779
1963	1.385	0.888	0.823	1.853	1.825	0.723	1.225	1.305	0.792
1964	1.398	0.894	0.829	1.706	1.849	0.825	1.403	1.373	0.798
1965	1.328	0.894	0.824	1.777	1.840	0.841	1.378	1.394	0.830
1966	1.208	0.929	0.810	1.833	1.840	0.708	1.289	1.446	0.832
1967	1.270	0.935	0.797	1.786	1.841	0.830	1.347	1.392	0.830
1968	1.262	0.928	0.797	1.881	1.845	0.810	1.429	1.356	0.829
1969	1.219	0.941	0.833	1.806	1.788	0.829	1.405	1.346	0.844
1970	1.268	1.004	0.848	1.819	1.829	0.850	1.408	1.369	0.876
1971	1.305	1.078	0.919	1.881	1.886	0.874	1.413	1.466	0.958
1972	1.374	1.098	0.983	1.961	1.967	0.898	1.409	1.583	1.030
1973	1.465	1.117	1.036	1.995	2.028	0.940	1.441	1.690	1.083
1974	1.649	1.188	1.138	2.184	2.193	1.168	1.612	1.955	1.209
1975	1.988	1.508	1.289	2.426	2.611	1.250	1.828	2.499	1.470
1976	2.095	1.790	1.374	2.376	3.037	1.290	1.916	2.830	1.730
1977	2.760	2.106	1.043	3.340	3.310	2.001	2.652	3.245	2.160
1978	2.938	2.328	1.972	3.346	3.414	2.366	2.724	3.633	2.368
1979	3.441	2.878	2.318	3.712	4.151	2.586	2.793	4.061	2.740
1980	4.061	3.661	2.791	4.571	4.903	3.186	3.834	4.835	3.490
1981	5.111	4.105	3.529	5.554	5.679	3.690	4.498	5.393	3.877
1982	5.548	4.495	4.238	6.717	6.820	4.735	5.200	6.371	4.825

TABLE 3.5 (cont). Natural Gas Prices: Residential Sector (\$/million Btu)

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1960	0.689	1.412	1.030	1.944	1.429	0.965	0.900	0.737	0.794
1961	0.695	1.432	1.060	1.970	1.472	0.973	0.900	0.761	0.807
1962	0.701	1.422	1.063	1.943	1.412	0.972	0.757	0.772	0.830
1963	0.711	1.405	1.058	1.878	1.382	0.979	0.918	0.822	0.792
1964	0.707	1.399	1.119	1.834	1.374	0.961	0.874	0.814	0.763
1965	0.749	1.432	1.106	1.788	1.345	0.974	0.874	0.825	0.780
1966	0.753	1.501	1.104	1.776	1.301	1.010	0.862	0.813	0.749
1967	0.758	1.486	1.109	1.739	1.342	0.989	0.867	0.834	0.739
1968	0.756	1.465	1.110	1.706	1.277	0.985	0.851	0.838	0.804
1969	0.802	1.415	1.141	1.708	1.284	1.001	0.853	0.866	0.897
1970	0.818	1.439	1.198	1.775	1.311	1.035	0.885	0.892	0.912
1971	0.850	1.524	1.239	1.872	1.424	1.097	0.947	0.961	0.937
1972	0.870	1.606	1.313	2.011	1.571	1.128	1.002	0.987	0.961
1973	0.898	1.663	1.430	2.335	1.610	1.192	1.054	1.012	1.045
1974	1.017	1.916	1.621	2.517	1.922	1.291	1.147	1.139	1.124
1975	1.200	2.114	1.887	3.042	2.082	1.397	1.252	1.484	1.282
1976	1.476	2.589	2.086	3.317	2.329	1.503	1.566	1.939	1.455
1977	1.736	3.294	2.454	4.174	2.812	1.828	2.031	2.329	1.723
1978	1.885	3.662	2.578	4.127	2.911	2.102	2.082	2.656	2.017
1979	2.147	3.945	3.128	3.627	3.439	2.625	2.290	3.113	2.315
1980	2.406	5.362	3.727	5.575	4.058	3.138	2.845	3.298	2.524
1981	2.845	5.807	4.412	6.463	4.792	3.904	3.382	4.067	3.007
1982	3.454	6.630	5.276	7.683	5.355	4.715	4.219	5.050	3.632

YEAR	VA	VT	WA	WI	WV	WY	US
1960	1.552	0.0	1.388	1.213	0.794	0.703	1.002
1961	1.558	0.0	1.337	1.236	0.792	0.666	1.037
1962	1.527	0.0	1.375	1.214	0.804	0.657	1.011
1963	1.538	0.0	1.366	1.191	0.796	0.701	1.013
1964	1.434	0.0	1.269	1.173	0.793	0.712	1.021
1965	1.453	0.0	1.314	1.143	0.794	0.695	1.016
1966	1.439	1.769	1.462	1.141	0.808	0.677	1.010
1967	1.419	1.732	1.392	1.001	0.808	0.695	1.011
1968	1.396	1.820	1.374	1.070	0.818	0.693	1.010
1969	1.382	1.702	1.283	1.133	0.846	0.709	1.016
1970	1.448	1.738	1.325	1.220	0.862	0.687	1.059
1971	1.479	1.798	1.354	1.237	0.907	0.713	1.117
1972	1.558	1.900	1.391	1.313	0.937	0.723	1.182
1973	1.638	1.929	1.477	1.408	0.946	0.752	1.261
1974	1.830	2.105	1.690	1.478	1.075	0.853	1.421
1975	2.202	2.352	2.182	1.712	1.401	1.089	1.673
1976	2.489	2.818	2.589	2.075	1.599	1.252	1.939
1977	2.960	3.641	2.989	2.458	2.444	1.695	2.301
1978	3.202	3.523	3.324	2.650	2.531	2.091	2.515
1979	3.604	3.960	3.769	3.024	2.857	2.705	2.942
1980	4.199	6.294	5.051	3.721	3.567	2.660	3.589
1981	4.550	7.049	5.735	4.728	4.078	3.315	4.177
1982	5.871	7.296	6.525	5.576	4.975	4.530	5.051

TABLE 3.6. Natural Gas Prices: Commercial Sector (\$/million Btu)

YFAR	AK	AL	AR	AZ	CA	CU	CT	DC	DE
1960	0.0	0.647	0.494	0.385	0.630	0.617	1.638	1.408	1.535
1961	0.822	0.573	0.507	0.601	0.646	0.621	1.684	1.377	1.457
1962	0.825	0.561	0.459	0.524	0.652	0.595	1.767	1.344	1.441
1963	0.899	0.554	0.481	0.516	0.644	0.601	1.522	1.332	1.384
1964	0.929	0.527	0.522	0.498	0.639	0.621	1.449	1.288	1.343
1965	0.950	0.521	0.449	0.508	0.639	0.595	1.615	1.225	1.400
1966	0.959	0.517	0.444	0.521	0.640	0.542	1.528	1.404	1.248
1967	0.990	0.546	0.498	0.477	0.634	0.612	1.495	1.136	1.172
1968	0.754	0.543	0.490	0.456	0.642	0.554	1.421	1.115	1.215
1969	0.647	0.534	0.493	0.543	0.641	0.555	1.405	1.088	1.175
1970	0.681	0.583	0.525	0.592	0.686	0.581	1.449	1.098	1.208
1971	0.728	0.635	0.546	0.642	0.713	0.604	1.528	1.132	1.233
1972	0.813	0.710	0.566	0.683	0.771	0.661	1.594	1.211	1.329
1973	0.768	0.716	0.618	0.725	0.808	0.710	1.795	1.249	1.359
1974	0.870	0.851	0.757	0.779	0.939	0.856	2.198	1.420	1.598
1975	0.969	1.044	0.893	1.102	1.219	1.084	2.642	1.974	1.864
1976	1.052	1.549	1.021	1.356	1.508	1.191	3.195	2.599	1.927
1977	1.338	1.772	1.556	1.663	1.970	1.559	3.528	3.228	2.861
1978	1.325	2.026	1.623	2.068	2.131	1.970	3.720	3.248	3.736
1979	1.031	2.702	1.339	2.529	2.603	2.566	3.900	3.602	3.630
1980	1.055	3.272	2.274	2.989	3.807	3.036	4.667	4.208	3.909
1981	1.399	3.930	2.813	3.357	4.178	3.861	5.464	5.053	5.004
1982	1.592	4.585	3.621	4.647	5.070	4.566	6.778	6.171	5.408

YFAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1960	1.400	0.655	0.0	0.669	0.832	0.816	0.855	0.542	0.665
1961	0.991	0.666	0.0	0.671	0.841	0.815	0.680	0.418	0.644
1962	1.501	0.655	0.0	0.681	0.797	0.836	0.879	0.460	0.640
1963	1.194	0.679	0.0	0.671	0.842	0.849	0.912	0.457	0.642
1964	1.123	0.671	0.0	0.678	0.889	0.741	0.843	0.414	0.658
1965	1.067	0.674	0.0	0.668	0.833	0.715	0.824	0.410	0.664
1966	1.007	0.659	0.0	0.644	0.871	0.604	0.824	0.446	0.662
1967	0.908	0.662	0.0	0.642	0.902	0.723	0.841	0.418	0.663
1968	0.932	0.671	0.0	0.646	0.877	0.710	0.803	0.435	0.629
1969	0.888	0.669	0.0	0.653	0.891	0.690	0.793	0.427	0.634
1970	0.887	0.713	0.0	0.678	0.973	0.728	0.829	0.458	0.654
1971	1.017	0.820	0.0	0.723	0.969	0.757	0.878	0.474	0.693
1972	1.157	0.860	0.0	0.825	0.971	0.822	0.921	0.511	0.739
1973	1.239	0.908	0.0	0.888	1.011	0.869	0.987	0.540	0.791
1974	1.575	0.988	0.0	0.929	1.163	0.993	1.059	0.606	0.895
1975	1.629	1.067	0.0	1.054	1.467	1.279	1.257	0.682	1.052
1976	1.652	1.346	0.0	1.284	1.949	1.600	1.513	1.119	1.135
1977	1.923	1.708	0.0	1.641	2.283	1.931	1.858	1.217	1.633
1978	1.941	2.019	0.0	1.979	2.919	2.227	2.031	1.197	1.813
1979	2.637	2.430	0.0	2.383	3.301	2.740	2.482	1.644	2.184
1980	3.298	3.118	12.697	2.837	4.360	3.267	2.987	1.922	2.894
1981	3.543	3.875	15.372	3.496	4.675	3.669	3.408	2.437	3.345
1982	4.478	4.605	14.371	4.279	5.712	4.344	4.107	3.242	4.333

TABLE 3.6 (cont). Natural Gas Prices: Commercial Sector (\$/million Btu)

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1960	0.376	1.724	1.391	0.0	0.788	0.812	0.704	0.499	0.464
1961	0.371	1.715	1.361	0.0	0.887	0.852	0.631	0.473	0.458
1962	0.430	1.563	1.328	0.0	0.870	0.661	0.626	0.475	0.505
1963	0.437	1.574	1.316	0.0	0.854	0.612	0.641	0.478	0.507
1964	0.399	1.652	1.276	0.0	0.849	0.822	0.764	0.477	0.532
1965	0.411	1.590	1.214	0.0	0.832	0.818	0.860	0.556	0.540
1966	0.445	1.510	1.390	2.251	0.815	0.732	0.542	0.472	0.542
1967	0.392	1.367	1.128	1.933	0.804	0.608	0.552	0.495	0.548
1968	0.367	1.395	1.104	2.059	0.798	0.620	0.599	0.498	0.569
1969	0.378	1.395	1.077	1.977	0.801	0.659	0.583	0.541	0.610
1970	0.371	1.401	1.085	2.051	0.827	0.691	0.618	0.567	0.608
1971	0.401	1.577	1.119	2.132	0.856	0.755	0.642	0.610	0.644
1972	0.449	1.693	1.194	2.351	0.890	0.833	0.748	0.660	0.642
1973	0.495	1.791	1.231	2.452	0.950	0.851	0.784	1.942	0.751
1974	0.584	2.126	1.398	2.714	1.122	0.978	0.891	0.735	0.878
1975	0.770	2.636	1.956	3.007	1.465	1.161	1.147	0.922	1.072
1976	1.058	3.058	2.525	3.252	1.807	1.414	1.350	1.261	1.169
1977	1.052	3.408	3.110	4.160	2.105	1.719	1.859	1.722	1.585
1978	1.380	3.506	3.320	4.209	2.216	2.030	1.994	1.983	1.657
1979	2.199	3.804	3.618	4.720	2.564	2.599	2.579	2.399	2.014
1980	2.595	4.649	3.879	5.004	3.154	2.888	2.887	2.984	3.107
1981	3.561	5.635	4.421	5.978	3.763	3.656	3.539	3.485	4.137
1982	4.705	6.265	5.455	7.145	4.558	4.528	4.682	4.409	4.821

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1960	1.262	0.563	0.581	1.761	1.700	0.432	0.904	1.449	0.762
1961	1.288	0.591	0.586	1.678	1.651	0.447	0.934	1.460	0.705
1962	1.284	0.582	0.609	1.719	1.662	0.449	0.904	1.345	0.707
1963	1.209	0.586	0.591	1.688	1.540	0.579	0.842	1.292	0.718
1964	1.168	0.620	0.570	1.555	1.185	0.423	0.905	1.210	0.721
1965	1.123	0.635	0.579	1.559	1.305	0.455	0.883	1.194	0.730
1966	1.056	0.654	0.561	1.422	1.444	0.522	0.821	1.274	0.727
1967	0.889	0.619	0.484	1.214	1.355	0.442	0.745	1.189	0.719
1968	0.872	0.632	0.487	1.305	1.320	0.431	0.741	1.164	0.712
1969	0.911	0.639	0.513	1.257	1.334	0.429	0.710	1.168	0.727
1970	0.938	0.680	0.527	1.287	1.374	0.436	0.706	1.165	0.743
1971	0.959	0.750	0.585	1.340	1.411	0.458	0.722	1.239	0.799
1972	1.044	0.783	0.578	1.465	1.451	0.486	0.740	1.275	0.859
1973	1.107	0.853	0.754	1.530	1.512	0.491	0.818	1.330	0.902
1974	1.245	0.998	0.810	1.694	1.815	0.674	0.991	1.554	1.050
1975	1.715	1.105	1.000	1.899	2.258	0.749	1.450	1.972	1.314
1976	2.004	1.353	1.161	2.356	2.677	1.014	1.663	2.317	1.582
1977	2.990	1.671	1.397	3.020	2.996	1.586	2.096	2.823	2.029
1978	2.735	1.938	1.541	2.968	3.260	1.896	2.339	3.016	2.190
1979	3.026	2.472	2.016	3.221	3.856	2.181	2.760	3.439	2.537
1980	3.667	3.263	2.337	4.047	4.449	2.806	3.652	4.163	3.263
1981	4.663	3.507	3.028	4.946	5.301	3.236	4.255	4.642	3.344
1982	5.073	3.992	3.560	5.949	6.168	4.244	5.181	5.360	4.515

TABLE 3.6 (cont). Natural Gas Prices: Commercial Sector (\$/million Btu)

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1960	0.400	1.336	0.825	1.472	0.956	0.634	0.672	0.488	0.589
1961	0.493	1.370	0.837	1.402	1.028	0.567	0.532	0.510	0.566
1962	0.498	1.364	0.836	1.385	0.980	0.585	0.539	0.526	0.573
1963	0.480	1.335	0.852	1.412	0.949	0.603	0.637	0.556	0.581
1964	0.489	1.307	0.860	1.442	1.006	0.585	0.666	0.543	0.599
1965	0.493	1.265	0.864	1.499	0.944	0.606	0.676	0.523	0.602
1966	0.508	1.309	0.873	1.549	0.945	0.598	0.679	0.523	0.586
1967	0.466	1.309	0.871	1.417	0.903	0.610	0.666	0.420	0.606
1968	0.463	1.284	0.871	1.394	0.920	0.581	0.665	0.427	0.613
1969	0.493	1.207	0.887	1.403	0.838	0.602	0.662	0.441	0.626
1970	0.508	1.217	0.934	1.428	0.861	0.633	0.691	0.439	0.634
1971	0.520	1.249	0.974	1.569	0.954	0.665	0.745	0.480	0.683
1972	0.547	1.371	1.052	1.785	0.980	0.690	0.840	0.510	0.756
1973	0.626	1.372	1.112	1.856	0.991	0.765	0.890	0.541	0.841
1974	0.728	1.638	1.249	2.103	1.102	1.136	0.959	0.690	0.977
1975	0.921	1.793	1.667	2.708	1.223	0.994	1.093	1.024	1.599
1976	1.150	2.290	1.679	3.343	1.449	1.134	1.391	1.387	1.610
1977	1.442	2.953	2.260	3.417	2.070	1.444	2.011	1.750	1.822
1978	1.646	3.241	2.339	3.238	2.380	1.726	1.984	2.136	1.745
1979	3.339	3.559	2.891	3.054	2.734	2.240	2.391	2.755	2.431
1980	2.248	4.885	3.492	5.000	3.108	2.725	2.953	2.897	5.151
1981	2.760	5.201	4.126	5.700	3.873	3.405	3.483	3.566	4.989
1982	3.377	6.029	4.906	6.623	4.671	4.096	4.322	4.347	3.654

YEAR	VA	VT	WA	WI	WV	WY	US
1960	1.034	0.0	1.195	0.999	0.653	0.499	0.751
1961	1.045	0.0	0.914	0.987	0.656	0.477	0.754
1962	1.047	0.0	0.931	0.922	0.655	0.462	0.755
1963	1.096	0.0	0.985	0.998	0.659	0.465	0.762
1964	1.093	0.0	1.068	0.972	0.655	0.469	0.747
1965	1.055	0.0	1.160	0.946	0.653	0.468	0.749
1966	1.032	1.609	1.040	0.904	0.667	0.453	0.741
1967	0.901	1.385	1.083	0.787	0.660	0.450	0.712
1968	0.957	1.480	1.050	0.827	0.663	0.449	0.710
1969	0.940	1.387	1.037	0.783	0.679	0.452	0.716
1970	0.935	1.443	1.044	0.816	0.683	0.440	0.747
1971	0.968	1.502	1.065	0.931	0.709	0.481	0.798
1972	1.075	1.665	1.101	0.979	0.725	0.487	0.855
1973	1.101	1.732	1.186	1.091	0.739	0.520	0.924
1974	1.276	1.915	1.271	1.106	0.872	0.594	1.047
1975	1.685	2.153	1.746	1.287	1.177	0.721	1.322
1976	1.860	3.036	2.142	1.683	1.441	0.825	1.609
1977	2.372	3.105	2.558	2.066	2.195	1.278	1.987
1978	2.588	3.394	2.719	2.319	2.088	1.811	2.193
1979	3.068	3.604	3.308	2.656	2.627	2.555	2.698
1980	3.707	6.213	4.595	3.353	3.313	2.503	3.307
1981	4.085	6.899	5.092	4.338	3.800	3.089	3.897
1982	6.875	5.411	5.899	4.885	4.719	4.618	4.705

Source: Pacific Northwest Laboratory

TABLE 3.7. Natural Gas Prices: Industrial Sector (\$/million Btu)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1960	0.122	0.307	0.354	0.283	0.344	0.238	0.878	0.793	0.457
1961	0.162	0.307	0.216	0.295	0.355	0.252	0.980	0.888	0.443
1962	0.690	0.308	0.239	0.329	0.367	0.251	0.999	0.970	0.273
1963	0.409	0.302	0.233	0.369	0.358	0.243	0.904	0.979	0.463
1964	0.349	0.295	0.238	0.297	0.350	0.257	0.944	0.895	0.449
1965	0.263	0.271	0.246	0.303	0.422	0.273	0.896	0.874	0.465
1966	0.338	0.292	0.244	0.313	0.326	0.259	0.896	0.775	0.320
1967	0.384	0.307	0.258	0.365	0.316	0.261	0.715	0.452	0.335
1968	0.327	0.311	0.280	0.338	0.337	0.267	0.987	0.423	0.656
1969	0.295	0.313	0.262	0.390	0.351	0.267	1.002	0.427	0.543
1970	0.370	0.325	0.279	0.409	0.367	0.279	1.028	0.437	0.568
1971	0.443	0.379	0.303	0.437	0.398	0.303	1.139	0.460	0.611
1972	0.422	0.411	0.341	0.449	0.433	0.331	1.155	0.479	0.741
1973	0.470	0.462	0.393	0.465	0.489	0.377	1.240	0.497	0.797
1974	0.499	0.563	0.475	0.545	0.629	0.490	1.710	0.759	0.990
1975	0.597	0.724	0.663	0.719	0.981	0.699	2.236	0.877	1.365
1976	0.690	1.062	0.804	0.874	1.303	0.853	2.653	1.749	1.426
1977	0.885	1.281	1.173	1.236	1.734	1.194	2.942	2.500	2.400
1978	0.845	1.576	1.127	1.524	1.916	1.464	3.043	2.736	2.435
1979	0.967	2.143	1.189	2.057	2.482	1.891	3.255	2.598	1.946
1980	0.448	2.429	2.202	2.560	3.411	2.572	4.081	2.449	2.709
1981	0.519	3.011	2.745	3.008	3.710	3.302	4.969	2.967	3.539
1982	0.608	3.944	3.200	3.831	4.538	3.716	5.865	0.0	4.433

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1960	0.316	0.378	0.0	0.311	0.357	0.372	0.389	0.199	0.326
1961	0.337	0.324	0.0	0.306	0.362	0.300	0.397	0.211	0.330
1962	0.336	0.329	0.0	0.307	0.368	0.396	0.385	0.217	0.334
1963	0.330	0.349	0.0	0.311	0.373	0.392	0.391	0.219	0.316
1964	0.304	0.340	0.0	0.309	0.375	0.379	0.378	0.228	0.335
1965	0.328	0.342	0.0	0.361	0.321	0.362	0.389	0.241	0.328
1966	0.328	0.513	0.0	0.352	0.350	0.395	0.413	0.231	0.319
1967	0.310	0.500	0.0	0.328	0.404	0.444	0.471	0.331	0.423
1968	0.358	0.355	0.0	0.362	0.422	0.445	0.422	0.239	0.421
1969	0.340	0.362	0.0	0.305	0.434	0.445	0.418	0.240	0.428
1970	0.373	0.398	0.0	0.362	0.428	0.488	0.472	0.267	0.467
1971	0.422	0.499	0.0	0.387	0.469	0.545	0.509	0.279	0.519
1972	0.475	0.519	0.0	0.460	0.531	0.621	0.554	0.324	0.531
1973	0.549	0.594	0.0	0.512	0.557	0.666	0.591	0.351	0.558
1974	0.712	0.681	0.0	0.593	0.681	0.792	0.702	0.422	0.644
1975	0.957	0.821	0.0	0.773	1.109	1.192	0.911	0.548	0.740
1976	0.994	1.076	0.0	1.001	1.462	1.428	1.090	0.802	1.057
1977	1.080	1.375	0.0	1.346	1.778	1.802	1.491	0.979	1.380
1978	1.104	1.709	0.0	1.655	2.128	2.085	1.707	1.155	1.555
1979	2.065	2.154	0.0	1.946	2.420	2.561	2.190	1.534	1.940
1980	2.595	2.754	0.0	2.509	3.577	3.100	2.633	2.627	2.640
1981	3.012	3.586	0.0	3.080	3.732	3.541	3.062	2.987	3.123
1982	3.723	4.050	0.0	3.712	4.480	4.139	3.696	2.612	3.697

TABLE 3.7 (cont). Natural Gas Prices: Industrial Sector (\$/million Btu)

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1960	0.187	0.717	0.790	0.0	0.541	0.315	0.296	0.254	0.234
1961	0.190	0.746	0.796	0.0	0.540	0.309	0.297	0.265	0.226
1962	0.202	0.759	0.761	0.0	0.517	0.305	0.299	0.257	0.218
1963	0.210	0.664	0.750	0.0	0.525	0.310	0.301	0.239	0.225
1964	0.193	0.878	0.748	0.0	0.519	0.346	0.299	0.244	0.267
1965	0.196	0.652	0.674	0.0	0.512	0.347	0.253	0.245	0.274
1966	0.230	0.687	0.681	1.474	0.499	0.347	0.298	0.225	0.271
1967	0.197	0.698	0.693	1.755	0.507	0.383	0.342	0.288	0.293
1968	0.177	0.915	0.646	1.486	0.509	0.370	0.351	0.264	0.288
1969	0.207	0.964	0.657	1.286	0.513	0.392	0.364	0.264	0.304
1970	0.224	1.028	0.669	1.275	0.523	0.416	0.397	0.286	0.308
1971	0.251	1.057	0.702	1.488	0.554	0.444	0.428	0.316	0.321
1972	0.290	1.219	0.735	1.634	0.620	0.484	0.441	0.325	0.338
1973	0.334	1.284	0.760	1.790	0.684	0.545	0.463	0.415	0.390
1974	0.530	1.695	1.158	1.832	0.899	0.639	0.577	0.543	0.532
1975	0.631	2.283	1.360	2.372	1.220	0.835	0.797	0.683	0.887
1976	0.874	2.485	1.598	2.744	1.518	1.131	0.993	0.995	0.931
1977	0.882	2.578	2.146	3.252	1.801	1.126	1.447	1.372	1.445
1978	0.775	2.981	2.514	3.066	1.891	1.240	1.455	1.434	1.551
1979	0.848	3.205	2.067	3.490	2.235	1.460	1.986	2.071	1.572
1980	1.223	4.088	3.187	4.190	2.865	2.506	2.619	2.579	2.620
1981	1.739	5.009	3.919	5.088	3.463	3.199	3.283	3.136	3.885
1982	2.656	5.540	4.952	6.472	4.162	4.076	4.336	3.855	4.946

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1960	0.257	0.489	0.213	0.779	0.483	0.126	0.570	0.645	0.516
1961	0.256	0.474	0.149	0.858	0.505	0.122	0.579	0.628	0.518
1962	0.264	0.482	0.156	0.904	0.535	0.126	0.579	0.639	0.517
1963	0.256	0.450	0.187	0.855	0.509	0.152	0.583	0.589	0.518
1964	0.264	0.508	0.200	0.851	0.451	0.154	0.416	0.552	0.522
1965	0.269	0.467	0.212	0.919	0.482	0.147	0.430	0.639	0.518
1966	0.273	0.404	0.168	0.977	0.528	0.178	0.418	0.591	0.514
1967	0.477	0.158	0.286	1.102	0.541	0.176	0.449	0.918	0.514
1968	0.483	0.186	0.301	0.959	0.549	0.183	0.432	0.622	0.505
1969	0.493	0.186	0.313	0.977	0.662	0.178	0.466	0.628	0.514
1970	0.500	0.179	0.316	0.954	0.674	0.191	0.525	0.680	0.563
1971	0.522	0.187	0.361	0.971	0.716	0.228	0.536	0.754	0.598
1972	0.583	0.230	0.480	1.071	0.790	0.242	0.661	0.838	0.614
1973	0.664	0.220	0.433	1.176	0.847	0.267	0.743	0.881	0.655
1974	0.829	0.302	0.534	1.380	1.082	0.393	0.825	1.084	0.788
1975	1.339	0.414	0.685	1.975	1.648	0.478	1.063	1.470	1.083
1976	1.654	0.530	0.848	2.584	2.106	0.532	1.339	1.551	1.357
1977	2.324	0.715	1.021	3.180	2.339	0.920	1.876	1.896	1.849
1978	1.921	0.753	1.101	2.581	3.274	1.058	1.732	2.243	1.958
1979	2.619	1.104	1.231	3.087	3.076	1.117	2.299	2.677	2.271
1980	2.735	3.194	2.264	2.004	3.806	1.902	2.809	3.417	3.004
1981	4.363	2.083	2.841	4.531	4.569	2.424	3.335	3.882	3.348
1982	4.494	2.702	3.611	5.455	5.083	2.707	4.125	4.853	4.182

TABLE 3.7 (cont). Natural Gas Prices: Industrial Sector (\$/million Btu)

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1960	0.152	0.366	0.502	0.823	0.392	0.292	0.312	0.146	0.294
1961	0.154	0.371	0.509	0.801	0.386	0.302	0.214	0.251	0.298
1962	0.177	0.379	0.506	0.792	0.402	0.310	0.316	0.154	0.298
1963	0.181	0.374	0.481	0.737	0.388	0.311	0.294	0.157	0.286
1964	0.174	0.376	0.497	0.740	0.409	0.323	0.281	0.174	0.277
1965	0.175	0.376	0.502	0.761	0.389	0.338	0.302	0.168	0.289
1966	0.197	0.393	0.500	0.806	0.381	0.317	0.313	0.186	0.299
1967	0.181	0.402	0.525	0.780	0.401	0.321	0.353	0.156	0.309
1968	0.195	0.398	0.517	0.795	0.401	0.308	0.355	0.186	0.311
1969	0.194	0.406	0.532	0.783	0.404	0.313	0.355	0.184	0.312
1970	0.201	0.461	0.566	0.839	0.449	0.324	0.377	0.191	0.316
1971	0.215	0.489	0.629	0.928	0.479	0.349	0.431	0.219	0.352
1972	0.227	0.522	0.696	1.125	0.533	0.381	0.484	0.231	0.382
1973	0.285	0.660	0.732	1.316	0.632	0.406	0.485	0.271	0.408
1974	0.382	0.852	0.916	1.708	0.702	0.721	0.597	0.442	0.475
1975	0.562	0.925	1.068	2.100	1.004	0.602	0.728	0.787	0.692
1976	0.737	1.706	1.314	2.262	1.265	0.727	1.139	1.049	0.956
1977	1.045	2.025	1.869	2.909	1.563	0.964	1.448	1.180	1.182
1978	1.210	2.407	1.973	2.764	1.792	1.599	1.568	1.202	1.398
1979	1.343	2.777	2.446	2.639	2.424	2.046	2.036	1.580	1.600
1980	1.815	4.206	2.996	4.449	2.895	2.349	2.538	2.040	1.938
1981	2.243	4.427	3.611	5.212	3.753	3.018	3.104	2.621	2.398
1982	2.809	5.349	4.355	5.968	4.246	3.888	3.867	3.135	2.615

YEAR	VA	VT	WA	WI	WV	WY	US
1960	0.452	0.0	0.370	0.591	0.369	0.157	0.263
1961	0.449	0.0	0.361	0.589	0.376	0.162	0.261
1962	0.463	0.0	0.365	0.575	0.366	0.148	0.271
1963	0.456	0.0	0.373	0.565	0.372	0.142	0.273
1964	0.456	0.0	0.339	0.484	0.555	0.166	0.277
1965	0.441	0.0	0.363	0.509	0.356	0.180	0.269
1966	0.450	1.111	0.349	0.497	0.388	0.190	0.291
1967	0.469	0.623	0.373	0.465	0.432	0.212	0.302
1968	0.478	0.459	0.376	0.513	0.418	0.211	0.306
1969	0.484	0.401	0.372	0.522	0.436	0.216	0.313
1970	0.492	0.454	0.379	0.540	0.438	0.221	0.332
1971	0.551	0.625	0.416	0.565	0.446	0.238	0.366
1972	0.579	0.735	0.447	0.624	0.534	0.253	0.402
1973	0.641	0.804	0.505	0.669	0.609	0.265	0.449
1974	0.907	0.751	0.774	0.759	0.725	0.304	0.634
1975	1.077	1.236	1.290	1.032	0.964	0.495	0.864
1976	1.425	1.558	1.673	1.375	1.227	0.645	1.091
1977	1.885	1.716	2.032	1.755	1.906	0.986	1.319
1978	2.097	2.751	2.395	2.010	1.805	1.195	1.496
1979	2.273	3.208	2.793	2.397	2.386	1.721	2.184
1980	2.984	4.932	4.090	3.046	2.942	2.034	2.360
1981	2.197	5.653	4.405	3.736	3.348	2.535	2.917
1982	4.268	5.503	5.283	4.365	3.980	3.061	3.527

Source: Pacific Northwest Laboratory

TABLE 3.8. Natural Gas Prices: Transportation Sector (\$/million Btu)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.0	0.187	0.182	0.145	0.230	0.185	0.341	0.212	0.0
1968	0.0	0.189	0.181	0.141	0.227	0.174	0.673	0.200	0.0
1969	0.0	0.190	0.181	0.142	0.282	0.172	0.290	0.207	0.0
1970	0.256	0.193	0.190	0.155	0.270	0.183	0.315	0.209	0.0
1971	0.270	0.213	0.219	0.160	0.329	0.193	0.313	0.239	0.0
1972	0.278	0.223	0.238	0.175	0.334	0.214	0.344	0.253	0.0
1973	0.280	0.255	0.256	0.205	0.374	0.228	0.394	0.275	0.0
1974	0.299	0.282	0.300	0.263	0.426	0.279	0.494	0.300	0.0
1975	0.349	0.312	0.430	0.337	0.447	0.538	0.579	0.416	0.0
1976	0.570	0.452	0.523	0.417	0.652	0.785	0.588	0.534	0.0
1977	0.582	0.694	0.691	0.602	0.690	1.113	1.485	0.729	0.0
1978	0.503	1.064	0.859	0.706	0.805	1.498	2.667	0.857	1.940
1979	0.138	1.288	1.098	1.234	1.662	1.719	2.496	1.357	1.293
1980	0.727	1.777	1.777	1.549	2.066	2.187	2.701	0.0	0.0
1981	1.125	2.500	2.116	2.107	2.771	2.595	2.866	0.0	3.543
1982	0.602	2.847	2.622	2.712	3.147	2.777	3.441	3.873	3.559

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.179	0.181	0.0	0.165	0.200	0.200	0.196	0.166	0.323
1968	0.176	0.0	0.0	0.157	0.204	0.191	0.208	0.169	0.268
1969	0.186	0.186	0.0	0.163	0.210	0.195	0.212	0.173	0.224
1970	0.189	0.189	0.0	0.170	0.214	0.201	0.213	0.179	0.197
1971	0.198	0.210	0.0	0.183	0.227	0.217	0.231	0.191	0.216
1972	0.234	0.219	0.0	0.198	0.264	0.223	0.248	0.233	0.234
1973	0.244	0.238	0.0	0.214	0.319	0.260	0.267	0.243	0.247
1974	0.326	0.272	0.0	0.257	0.422	0.283	0.281	0.274	0.286
1975	0.348	0.311	0.0	0.334	0.565	0.527	0.386	0.335	0.367
1976	0.472	0.346	0.0	0.518	0.684	0.569	0.457	0.414	0.476
1977	0.688	0.648	0.0	0.728	1.555	0.807	0.816	0.522	0.591
1978	0.811	0.871	0.0	0.985	1.853	0.960	0.866	0.626	0.564
1979	1.305	1.299	0.0	1.171	2.342	1.085	1.220	1.171	1.246
1980	1.701	2.038	0.0	1.546	3.736	1.746	1.751	1.595	1.652
1981	2.247	2.711	0.0	1.888	3.693	2.078	2.200	1.978	2.151
1982	2.467	3.023	0.0	2.479	3.906	2.507	2.868	2.449	2.813

TABLE 3.8 (cont). Natural Gas Prices: Transportation Sector (\$/million Btu)

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.181	0.231	0.195	0.573	0.265	0.263	0.200	0.181	0.116
1968	0.189	0.260	0.177	0.0	0.262	0.218	0.196	0.192	0.109
1969	0.052	0.248	0.183	0.0	0.265	0.220	0.198	0.190	0.106
1970	0.193	0.313	0.186	0.0	0.270	0.245	0.206	0.193	0.107
1971	0.208	0.351	0.207	0.0	0.277	0.251	0.228	0.210	0.114
1972	0.224	0.364	0.216	0.0	0.290	0.264	0.245	0.223	0.161
1973	0.237	0.379	0.235	0.0	0.343	0.275	0.265	0.234	0.203
1974	0.272	0.396	0.259	0.0	0.457	0.329	0.288	0.273	0.225
1975	0.374	0.419	0.371	0.0	0.557	0.553	0.389	0.347	0.408
1976	0.479	0.614	0.487	0.0	0.706	0.605	0.475	0.445	0.456
1977	0.777	0.671	0.668	0.0	0.981	1.240	0.795	0.715	0.727
1978	0.918	0.930	0.815	0.0	1.657	1.285	0.868	0.866	0.833
1979	1.255	1.227	1.174	0.0	1.590	2.207	1.223	1.251	1.170
1980	1.739	1.624	2.364	2.566	2.952	1.265	1.691	1.700	1.279
1981	2.279	2.266	2.698	3.122	3.669	4.295	2.091	2.282	1.874
1982	2.775	4.186	3.026	4.799	3.554	4.405	2.761	2.829	2.839

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.180	0.271	0.144	0.362	0.239	0.141	0.436	0.257	0.216
1968	0.181	0.165	0.146	0.0	0.203	0.139	0.0	0.224	0.221
1969	0.192	0.165	0.150	0.0	0.205	0.140	0.0	0.244	0.220
1970	0.183	0.196	0.155	0.0	0.216	0.152	0.0	0.229	0.223
1971	0.207	0.196	0.164	0.0	0.227	0.156	0.0	0.242	0.260
1972	0.220	0.240	0.176	0.0	0.235	0.167	0.0	0.259	0.271
1973	0.229	0.279	0.186	0.0	0.242	0.202	0.0	0.265	0.296
1974	0.244	0.312	0.240	0.0	0.302	0.282	0.0	0.303	0.312
1975	0.302	0.508	0.326	0.0	0.323	0.362	0.0	0.382	0.424
1976	0.453	0.570	0.421	0.0	0.395	0.392	0.0	0.534	0.511
1977	0.613	0.747	0.576	0.0	0.606	0.647	0.0	0.842	0.849
1978	0.825	0.953	0.728	0.0	0.820	0.751	0.0	1.053	0.987
1979	1.272	1.549	1.110	0.0	1.242	1.284	0.0	1.413	1.338
1980	1.940	1.723	1.388	2.677	1.899	1.707	3.077	1.902	1.886
1981	2.856	2.250	1.854	2.268	2.659	2.147	3.462	2.366	2.280
1982	3.010	4.008	2.399	4.729	2.978	2.683	4.035	3.075	2.957

TABLE 3.8 (cont). Natural Gas Prices: Transportation Sector (\$/million Btu)

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.148	0.210	0.242	0.699	0.190	0.239	0.193	0.151	0.227
1968	0.151	0.195	0.234	0.320	0.189	0.216	0.189	0.162	0.226
1969	0.161	0.205	0.236	0.373	0.207	0.199	0.190	0.161	0.228
1970	0.173	0.210	0.244	0.323	0.201	0.199	0.192	0.167	0.230
1971	0.175	0.305	0.281	0.363	0.217	0.199	0.210	0.178	0.236
1972	0.186	0.267	0.297	0.367	0.232	0.299	0.225	0.184	0.297
1973	0.216	0.353	0.312	0.414	0.251	0.333	0.239	0.199	0.308
1974	0.259	0.450	0.391	0.404	0.263	0.313	0.275	0.273	0.356
1975	0.273	0.589	0.524	0.538	0.478	0.500	0.354	0.359	0.565
1976	0.358	0.788	0.585	0.740	0.510	0.549	0.471	0.499	0.707
1977	0.566	1.695	0.897	1.645	0.575	0.630	0.712	0.661	1.475
1978	0.646	1.896	0.920	2.057	0.825	0.782	0.862	0.707	1.804
1979	0.968	2.423	1.395	2.033	1.490	1.209	1.224	1.151	1.963
1980	1.420	4.215	1.850	2.862	1.957	1.714	1.698	1.511	2.709
1981	1.766	4.551	2.292	4.639	2.841	2.193	2.214	2.171	2.958
1982	2.474	4.694	2.936	4.377	3.074	2.908	2.887	2.995	2.838

YEAR	VA	VT	WA	WI	WV	WY	US
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.193	0.455	0.205	0.250	0.326	0.148	0.192
1968	0.191	0.0	0.201	0.221	0.313	0.172	0.225
1969	0.190	0.0	0.203	0.223	0.0	0.172	0.203
1970	0.194	0.0	0.206	0.240	0.310	0.170	0.204
1971	0.216	0.0	0.223	0.246	0.328	0.175	0.295
1972	0.261	0.0	0.266	0.259	0.370	0.172	0.226
1973	0.271	0.0	0.312	0.268	0.382	0.234	0.247
1974	0.303	0.0	0.420	0.296	0.440	0.241	0.293
1975	0.369	0.0	0.621	0.433	0.570	0.551	0.523
1976	0.525	0.0	0.748	0.531	0.716	0.689	0.498
1977	0.795	0.0	1.601	1.718	1.074	0.740	0.754
1978	1.460	0.0	1.837	2.068	1.254	1.486	0.881
1979	1.376	0.0	2.275	1.589	0.835	1.708	1.295
1980	2.053	0.0	3.728	4.364	2.219	1.936	1.800
1981	2.744	0.0	4.134	2.804	2.515	2.372	2.328
1982	3.244	5.287	4.478	3.492	3.203	2.906	2.898

Source: Pacific Northwest Laboratory

TABLE 3.9. Natural Gas Prices: Electric Utility Sector (\$/million Btu)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.385	0.217	0.265	0.286	0.323	0.240	0.308	0.312	0.283
1968	0.357	0.234	0.254	0.199	0.321	0.222	0.309	0.330	0.312
1969	0.327	0.251	0.259	0.312	0.311	0.229	0.333	0.273	0.324
1970	0.373	0.265	0.254	0.345	0.326	0.239	0.341	0.383	0.368
1971	0.425	0.312	0.282	0.391	0.343	0.268	0.385	0.492	0.463
1972	0.431	0.342	0.313	0.396	0.380	0.316	0.426	0.388	0.475
1973	0.0	0.357	0.352	0.417	0.420	0.326	0.0	0.0	0.684
1974	0.0	0.848	0.402	0.529	0.588	0.430	0.0	0.0	1.789
1975	0.0	1.077	0.610	0.732	1.043	0.587	0.0	0.0	1.054
1976	0.0	1.646	0.789	0.816	1.555	0.778	0.0	0.0	1.108
1977	0.334	1.736	0.972	1.079	2.096	1.044	0.0	0.0	1.858
1978	0.356	2.073	1.112	1.332	2.180	1.298	0.0	0.0	1.834
1979	1.103	2.279	1.718	2.074	2.448	1.905	0.0	0.0	2.778
1980	0.364	2.616	2.155	2.412	3.514	2.641	0.0	0.0	3.394
1981	0.412	2.897	2.687	2.662	3.964	3.249	0.0	0.0	4.178
1982	0.416	3.003	2.992	3.643	5.013	3.615	0.0	0.0	4.072

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.269	0.265	0.0	0.262	0.0	0.253	0.268	0.276	0.260
1968	0.309	0.256	0.0	0.286	0.0	0.269	0.278	0.278	0.266
1969	0.344	0.273	0.0	0.267	0.0	0.300	0.293	0.274	0.270
1970	0.349	0.284	0.0	0.272	0.0	0.350	0.348	0.297	0.286
1971	0.382	0.311	0.0	0.314	0.0	0.379	0.385	0.336	0.327
1972	0.387	0.451	0.0	0.377	0.0	0.428	0.423	0.378	0.359
1973	0.445	0.465	0.0	0.414	0.0	0.598	0.466	0.293	0.330
1974	0.583	0.583	0.0	0.499	0.878	0.762	0.562	0.353	0.532
1975	0.720	0.708	0.0	0.676	1.376	1.126	0.816	0.479	0.684
1976	0.819	0.986	0.0	0.919	1.513	1.369	1.086	0.715	0.836
1977	0.865	1.298	0.0	1.298	1.973	1.791	1.335	1.012	1.086
1978	1.021	1.695	0.0	1.654	2.124	2.732	1.655	1.219	1.047
1979	1.264	2.564	0.0	1.994	2.821	2.705	2.192	1.443	1.681
1980	1.530	2.558	0.0	2.408	3.759	3.185	2.509	1.778	2.159
1981	1.845	3.438	0.0	2.968	4.213	4.132	2.998	2.194	2.580
1982	2.193	4.062	0.0	3.569	5.341	4.584	3.550	2.464	3.392

TABLE 3.9 (cont). Natural Gas Prices: Electric Utility Sector (\$/million Btu)

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.205	0.316	0.267	0.0	0.241	0.249	0.225	0.257	0.239
1968	0.209	0.290	0.270	0.0	0.323	0.246	0.233	0.255	0.238
1969	0.214	0.332	0.310	0.0	0.368	0.253	0.241	0.263	0.235
1970	0.214	0.334	0.321	0.0	0.418	0.257	0.260	0.267	0.274
1971	0.236	0.431	0.343	0.731	0.467	0.293	0.302	0.299	0.325
1972	0.266	0.447	0.359	0.961	0.479	0.396	0.365	0.313	0.323
1973	0.305	0.534	0.0	0.0	0.606	0.435	0.337	0.402	0.287
1974	0.416	1.448	0.730	0.0	1.009	0.475	0.444	0.542	0.293
1975	0.631	1.323	1.098	0.0	1.258	0.633	0.584	0.832	0.389
1976	0.784	1.534	1.629	0.0	1.560	0.814	0.770	1.273	0.415
1977	0.905	1.877	2.081	0.0	1.742	1.095	1.117	1.354	0.698
1978	1.104	1.872	1.853	0.0	1.827	1.397	1.142	1.413	0.756
1979	1.470	1.694	1.761	0.0	2.007	1.725	1.524	1.758	2.150
1980	2.011	3.397	2.502	0.0	2.781	1.987	2.217	2.112	3.870
1981	2.707	3.941	2.764	0.0	3.379	2.596	2.656	2.611	3.935
1982	3.087	4.023	4.104	0.0	3.961	3.357	3.639	3.170	1.710

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.284	0.259	0.257	0.0	0.286	0.248	0.371	0.421	0.354
1968	0.306	0.352	0.257	0.0	0.292	0.251	0.242	0.368	0.348
1969	0.335	0.344	0.268	0.0	0.326	0.254	0.380	0.373	0.374
1970	0.372	0.357	0.267	0.0	0.389	0.296	0.386	0.377	0.391
1971	0.468	0.392	0.311	0.477	0.459	0.335	0.423	0.434	0.483
1972	0.490	0.390	0.367	0.419	0.477	0.341	0.435	0.462	0.491
1973	0.506	0.0	0.416	0.0	0.535	0.340	0.504	0.498	0.572
1974	0.917	0.0	0.488	1.180	0.708	0.491	0.714	0.686	0.719
1975	1.404	0.665	0.628	1.010	0.951	0.696	1.094	0.876	1.219
1976	3.383	0.492	0.813	1.800	1.434	0.959	1.423	1.071	1.276
1977	4.154	0.0	0.967	0.0	1.785	1.446	1.738	1.408	1.415
1978	3.011	0.0	1.111	0.0	1.971	1.641	1.566	1.494	1.624
1979	2.953	0.0	1.446	2.954	2.567	2.070	2.290	2.286	1.942
1980	3.152	0.0	1.818	0.0	3.012	2.468	2.591	2.665	2.914
1981	4.475	0.0	2.398	3.441	3.999	2.830	3.140	3.492	3.279
1982	4.475	0.0	3.019	0.0	4.302	3.223	3.918	3.909	4.247

TABLE 3.9 (cont). Natural Gas Prices: Electric Utility Sector (\$/million Btu)

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.191	0.377	0.344	0.355	0.289	0.260	0.205	0.250	0.300
1968	0.182	0.365	0.321	0.339	0.292	0.241	0.202	0.198	0.303
1969	0.197	0.350	0.329	0.351	0.297	0.302	0.224	0.212	0.296
1970	0.193	0.366	0.414	0.385	0.367	0.332	0.247	0.243	0.309
1971	0.208	0.415	0.481	0.486	0.431	0.351	0.267	0.277	0.325
1972	0.241	0.432	0.483	0.503	0.474	0.361	0.321	0.280	0.346
1973	0.274	0.555	0.0	0.569	0.521	0.401	0.308	0.272	0.315
1974	0.392	0.745	1.540	0.883	0.755	0.472	0.0	0.447	0.408
1975	0.605	1.267	1.467	1.152	0.713	0.642	0.0	0.760	0.612
1976	1.008	1.643	1.635	0.0	1.010	0.857	0.0	1.014	0.937
1977	1.295	1.937	2.071	0.0	0.0	1.202	0.0	1.216	1.089
1978	1.416	2.278	2.526	0.0	1.736	1.536	0.0	1.377	1.315
1979	1.543	3.274	2.996	2.466	2.169	1.904	0.0	1.587	1.609
1980	1.741	4.285	3.599	0.0	2.408	1.965	0.0	1.839	2.000
1981	1.917	4.399	4.018	3.270	3.294	2.258	0.0	2.456	2.290
1982	2.079	5.375	4.095	3.962	3.936	3.761	0.0	3.139	2.432

YEAR	VA	VT	WA	WI	WV	WY	US
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.277	0.0	0.0	0.285	0.270	0.205	0.271
1968	0.276	0.0	0.0	0.328	0.269	0.214	0.200
1969	0.277	0.0	0.0	0.345	0.302	0.222	0.263
1970	0.290	0.0	0.0	0.419	0.317	0.231	0.283
1971	0.361	0.307	0.0	0.436	0.334	0.291	0.314
1972	0.407	0.340	0.0	0.441	0.372	0.294	0.331
1973	0.389	0.442	0.0	0.464	0.316	0.0	0.338
1974	0.549	0.549	0.0	0.574	0.275	0.574	0.484
1975	0.965	1.173	0.0	0.824	0.772	0.0	0.752
1976	1.132	1.761	0.0	1.189	0.921	2.290	1.032
1977	1.615	2.008	0.0	1.747	1.973	2.080	1.286
1978	1.818	2.221	0.0	1.971	1.754	2.513	1.418
1979	2.217	2.626	2.644	2.276	2.772	3.208	1.745
1980	2.454	4.498	3.433	2.936	2.985	4.609	2.194
1981	3.032	4.824	3.820	3.647	4.481	4.582	2.796
1982	3.910	4.996	5.620	4.177	4.153	5.156	3.371

Source: Pacific Northwest Laboratory

TABLE 3.10. Metallurgical Coal Prices: Industrial Sector (\$/million Btu)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1970	0.0	0.438	0.0	0.0	0.447	0.447	0.0	0.0	0.0
1971	0.0	0.479	0.0	0.0	0.481	0.481	0.0	0.0	0.0
1972	0.0	0.545	0.0	0.0	0.532	0.532	0.0	0.0	0.0
1973	0.0	0.663	0.0	0.0	0.625	0.625	0.0	0.0	0.0
1974	0.0	1.305	0.0	0.0	1.333	1.333	0.0	0.0	0.0
1975	0.0	1.549	0.0	0.0	1.427	1.427	0.0	0.0	0.0
1976	0.0	1.540	0.0	0.0	1.560	1.560	0.0	0.0	0.0
1977	0.0	2.124	0.0	0.0	1.630	1.630	0.0	0.0	0.0
1978	0.0	1.873	0.0	0.0	1.757	1.757	0.0	0.0	0.0
1979	0.0	1.857	0.0	0.0	1.793	1.793	0.0	0.0	0.0
1980	0.0	2.022	0.0	0.0	2.034	2.034	0.0	0.0	0.0
1981	0.0	2.130	0.0	0.0	2.327	2.327	0.0	0.0	0.0
1982	0.0	2.248	0.0	0.0	2.138	2.138	0.0	0.0	0.0

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	0.0	0.0	0.0	0.0	0.0	0.429	0.455	0.0	0.455
1971	0.0	0.0	0.0	0.0	0.0	0.516	0.564	0.0	0.451
1972	0.0	0.0	0.0	0.0	0.0	0.575	0.605	0.0	0.588
1973	0.0	0.0	0.0	0.0	0.0	0.621	0.707	0.0	0.681
1974	0.0	0.0	0.0	0.0	0.0	1.263	1.424	0.0	1.263
1975	0.0	0.0	0.0	0.0	0.0	1.531	1.817	0.0	1.649
1976	0.0	0.0	0.0	0.0	0.0	1.480	1.563	0.0	1.718
1977	0.0	0.0	0.0	0.0	0.0	1.627	1.738	0.0	1.809
1978	0.0	0.0	0.0	0.0	0.0	1.912	2.083	0.0	1.947
1979	0.0	0.0	0.0	0.0	0.0	1.883	1.933	0.0	1.808
1980	0.0	0.0	0.0	0.0	0.0	1.990	2.194	0.0	1.866
1981	0.0	0.0	0.0	0.0	0.0	2.158	2.579	0.0	2.097
1982	0.0	0.0	0.0	0.0	0.0	2.300	2.669	0.0	2.107

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1970	0.0	0.0	0.601	0.0	0.393	0.544	0.455	0.0	0.0
1971	0.0	0.0	0.728	0.0	0.681	0.730	0.451	0.0	0.0
1972	0.0	0.0	0.789	0.0	0.745	0.698	0.588	0.0	0.0
1973	0.0	0.0	0.869	0.0	0.819	0.819	0.681	0.0	0.0
1974	0.0	0.0	1.642	0.0	1.703	1.488	1.263	0.0	0.0
1975	0.0	0.0	2.203	0.0	2.132	1.860	1.649	0.0	0.0
1976	0.0	0.0	2.179	0.0	2.056	1.873	1.718	0.0	0.0
1977	0.0	0.0	2.200	0.0	2.068	1.862	1.809	0.0	0.0
1978	0.0	0.0	2.410	0.0	2.162	2.511	1.947	0.0	0.0
1979	0.0	0.0	2.392	0.0	2.270	2.270	1.808	0.0	0.0
1980	0.0	0.0	2.458	0.0	2.336	0.0	1.866	0.0	0.0
1981	0.0	0.0	2.634	0.0	2.488	0.0	2.097	0.0	0.0
1982	0.0	0.0	2.813	0.0	2.547	0.0	2.107	0.0	0.0

TABLE 3.10 (cont). Metallurgical Coal Prices: Industrial Sector (\$/million Btu)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	0.0	0.0	0.0	0.0	0.601	0.0	0.0	0.601	0.437
1971	0.0	0.0	0.0	0.0	0.728	0.0	0.0	0.728	0.520
1972	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.789	0.596
1973	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.869	0.675
1974	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.642	1.342
1975	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.203	1.620
1976	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.179	1.573
1977	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.200	1.581
1978	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.410	1.814
1979	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.392	1.819
1980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.458	2.059
1981	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.634	2.425
1982	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.813	2.510

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1970	0.0	0.0	0.452	0.0	0.0	0.0	0.455	0.455	0.447
1971	0.0	0.0	0.476	0.0	0.0	0.0	0.451	0.451	0.481
1972	0.0	0.0	0.572	0.0	0.0	0.0	0.588	0.588	0.532
1973	0.0	0.0	0.690	0.0	0.0	0.0	0.681	0.681	0.625
1974	0.0	0.0	1.402	0.0	0.0	0.0	1.263	1.263	1.333
1975	0.0	0.0	1.565	0.0	0.0	0.0	1.649	1.649	1.427
1976	0.0	0.0	1.671	0.0	0.0	0.0	1.718	1.718	1.560
1977	0.0	0.0	1.670	0.0	0.0	0.0	1.809	1.809	1.630
1978	0.0	0.0	2.037	0.0	0.0	0.0	1.947	1.947	1.757
1979	0.0	0.0	1.937	0.0	0.0	0.0	1.808	1.808	1.793
1980	0.0	0.0	2.267	0.0	0.0	0.0	1.868	1.866	2.034
1981	0.0	0.0	2.446	0.0	0.0	0.0	2.097	2.097	2.327
1982	0.0	0.0	2.603	0.0	0.0	0.0	2.107	2.107	2.138

YEAR	VA	VT	WA	WI	WV	WY	US
1970	0.0	0.0	0.0	0.544	0.414	0.0	0.470
1971	0.0	0.0	0.0	0.730	0.482	0.0	0.538
1972	0.0	0.0	0.0	0.698	0.519	0.0	0.605
1973	0.0	0.0	0.0	0.819	0.581	0.0	0.705
1974	0.0	0.0	0.0	1.488	1.171	0.0	1.403
1975	0.0	0.0	0.0	1.860	1.561	0.0	1.700
1976	0.0	0.0	0.0	1.873	1.690	0.0	1.698
1977	0.0	0.0	0.0	1.862	1.740	0.0	1.778
1978	1.787	0.0	0.0	2.511	1.787	0.0	2.002
1979	1.834	0.0	0.0	2.270	1.834	0.0	1.950
1980	1.914	0.0	0.0	2.336	1.914	0.0	2.167
1981	2.018	0.0	0.0	2.488	2.018	0.0	2.418
1982	2.111	0.0	0.0	2.547	2.111	0.0	2.499

Source: Pacific Northwest Laboratory

TABLE 3.11. Steam Coal Prices: Residential Sector (\$/million Btu)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1970	0.0	0.287	0.0	0.0	0.0	0.288	0.481	0.424	0.424
1971	0.0	0.378	0.0	0.0	0.0	0.704	0.862	1.154	1.154
1972	0.0	0.917	0.0	0.0	0.0	0.826	0.573	1.346	1.346
1973	0.0	1.170	0.0	0.0	0.0	1.482	1.054	1.389	1.549
1974	0.0	1.862	0.0	0.0	0.0	1.074	0.785	2.270	2.270
1975	0.0	1.824	0.0	0.0	0.0	1.577	1.072	1.748	2.727
1976	0.0	1.900	0.0	0.0	0.0	1.406	1.056	1.748	1.748
1977	0.0	2.010	0.0	0.0	0.0	1.610	1.786	2.670	2.670
1978	0.0	2.905	0.0	0.0	0.0	1.710	2.195	2.850	2.960
1979	0.0	2.374	0.0	0.0	0.0	2.109	1.419	2.556	2.897
1980	0.0	2.561	0.0	0.0	0.0	2.515	1.521	2.793	3.215
1981	0.0	3.215	0.0	0.0	0.0	4.209	3.801	3.311	3.910
1982	0.0	2.856	0.0	0.0	0.0	5.127	4.325	3.366	3.963

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	0.0	0.413	0.0	0.352	0.335	0.326	0.276	0.339	0.240
1971	0.0	0.746	0.0	0.956	0.885	1.188	0.875	0.662	0.731
1972	0.0	0.881	0.0	1.154	0.0	1.211	1.034	0.684	0.846
1973	0.0	0.969	0.0	1.159	0.798	1.116	1.173	1.178	1.204
1974	0.0	1.330	0.0	2.660	1.387	1.698	2.287	1.140	1.881
1975	0.0	3.230	0.0	3.686	1.777	2.106	2.516	1.349	2.112
1976	0.0	1.520	0.0	2.673	1.914	2.214	2.521	1.330	2.142
1977	0.0	2.280	0.0	2.264	1.720	2.288	2.451	1.785	2.407
1978	0.0	2.915	0.0	3.230	2.500	2.375	2.567	1.900	2.483
1979	0.0	2.491	0.0	2.598	0.0	3.084	2.671	1.887	2.285
1980	0.0	2.695	0.0	2.952	0.0	3.479	2.818	1.607	2.387
1981	0.0	3.117	0.0	3.401	0.0	2.692	2.821	2.606	2.679
1982	0.0	3.231	0.0	3.692	0.0	2.990	2.863	2.548	2.644

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1970	0.0	0.481	0.424	0.0	0.388	0.375	0.279	0.0	0.219
1971	0.0	0.862	1.154	0.0	1.302	0.0	0.871	0.0	0.898
1972	0.0	0.573	1.346	0.0	1.500	0.0	0.877	0.0	0.0
1973	0.0	1.054	1.389	0.0	1.393	1.131	0.770	0.0	1.457
1974	0.0	0.785	2.270	0.0	2.747	3.230	1.403	0.0	1.064
1975	0.0	1.072	1.748	0.0	3.065	2.711	1.720	0.0	1.064
1976	0.0	1.056	1.748	0.0	2.857	2.982	1.632	0.0	2.071
1977	0.0	1.786	2.670	0.0	3.350	3.010	2.000	0.0	1.180
1978	0.0	2.195	2.850	0.0	3.348	3.880	2.037	0.0	1.290
1979	0.0	1.419	2.556	0.0	3.267	3.442	2.282	0.0	2.154
1980	0.0	1.521	2.793	0.0	3.211	3.488	2.041	0.0	2.396
1981	0.0	3.801	3.311	0.0	3.895	5.125	2.350	0.0	3.060
1982	0.0	4.325	3.366	0.0	4.008	5.218	2.293	0.0	5.604

TABLE 3.11 (cont). Steam Coal Prices: Residential Sector (\$/million Btu)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	0.440	0.277	0.384	0.481	0.483	0.0	0.335	0.500	0.320
1971	0.875	1.154	0.0	0.862	0.935	0.0	0.885	1.649	0.892
1972	1.106	0.0	0.0	0.573	1.086	0.0	0.0	1.288	1.071
1973	1.353	0.971	1.159	1.054	1.336	0.0	0.798	1.490	1.152
1974	2.503	1.004	1.520	0.785	2.311	0.0	1.520	2.041	2.567
1975	2.058	3.088	0.0	1.072	2.090	0.0	1.777	2.775	2.620
1976	2.172	3.640	2.223	1.056	3.420	0.0	2.812	2.803	2.607
1977	2.807	1.630	2.565	1.786	2.529	0.0	3.330	3.035	2.850
1978	2.643	1.770	3.420	2.195	2.717	0.0	3.420	2.995	2.728
1979	2.474	2.003	2.523	1.419	2.823	0.0	4.113	2.871	2.718
1980	2.699	2.133	2.600	1.521	3.039	0.0	4.449	3.021	2.937
1981	3.256	4.364	4.298	3.801	3.395	0.0	6.588	3.393	3.191
1982	2.882	4.457	4.220	3.409	3.368	0.0	7.051	3.564	3.115

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1970	0.0	0.0	0.345	0.481	0.481	0.384	0.257	0.0	0.258
1971	0.0	0.0	0.904	0.862	0.862	0.0	0.861	0.0	0.692
1972	0.0	0.0	1.033	0.573	0.573	0.0	0.955	0.0	0.0
1973	0.0	0.0	1.084	1.054	1.054	1.672	1.030	0.0	0.722
1974	0.0	0.0	2.261	0.785	0.785	3.496	1.854	0.0	1.009
1975	0.0	0.0	2.573	1.072	1.072	3.610	1.745	0.0	1.330
1976	0.0	0.0	2.273	1.056	1.056	3.515	1.747	0.0	1.520
1977	0.0	0.0	2.364	1.786	1.786	3.003	1.985	0.0	1.710
1978	0.0	0.0	2.477	2.195	2.195	3.288	1.887	0.0	1.438
1979	0.0	0.0	2.449	1.419	2.837	3.323	2.003	0.0	0.0
1980	0.0	0.0	2.595	1.521	2.995	3.805	2.415	0.0	0.0
1981	0.0	0.0	3.076	3.801	3.613	5.279	2.776	0.0	5.630
1982	0.0	0.0	3.058	4.325	3.439	7.198	2.215	0.0	4.662

YEAR	VA	VT	WA	WI	WV	WY	US
1970	0.416	0.481	0.335	0.279	0.420	0.161	0.347
1971	1.154	0.862	0.885	0.334	1.484	0.642	0.923
1972	1.404	0.573	0.0	0.390	1.388	0.0	0.986
1973	1.547	1.054	1.151	0.941	1.679	0.971	1.170
1974	2.642	0.785	1.454	1.463	2.873	0.944	2.158
1975	2.730	1.072	1.140	1.216	3.141	0.988	2.382
1976	3.197	1.056	1.900	1.216	2.886	1.412	2.321
1977	3.420	1.786	2.520	1.810	3.154	1.200	2.481
1978	3.744	2.195	2.550	1.520	3.609	1.165	2.546
1979	3.372	1.419	2.568	1.618	3.169	1.400	2.324
1980	3.509	1.521	2.968	1.764	3.513	1.713	2.750
1981	3.984	3.801	5.630	3.899	3.795	1.860	3.337
1982	3.843	3.692	4.404	3.843	3.869	1.907	3.253

Source: Pacific Northwest Laboratory

TABLE 3.12. Steam Coal Prices: Industrial Sector (\$/million Btu)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1970	0.536	0.307	0.0	0.484	0.310	0.288	0.668	0.347	0.332
1971	0.341	0.354	0.0	0.507	0.487	0.335	0.726	0.428	0.413
1972	0.541	0.377	0.0	0.554	0.514	0.308	0.756	0.444	0.430
1973	0.378	0.387	0.344	0.534	0.491	0.295	0.877	0.507	0.421
1974	0.717	0.733	0.712	0.820	0.927	0.676	1.409	1.512	1.092
1975	0.940	0.949	0.847	0.847	0.820	0.739	1.835	1.430	1.158
1976	0.896	1.097	1.220	0.855	0.990	0.740	1.473	0.987	1.088
1977	0.970	1.221	1.126	1.019	1.126	0.830	1.629	1.038	1.147
1978	0.0	1.496	1.310	0.971	1.074	0.870	1.577	1.185	1.116
1979	0.0	1.465	1.364	1.246	1.399	0.856	1.761	1.526	1.493
1980	0.0	1.590	1.557	1.263	1.496	0.931	1.804	1.553	1.575
1981	0.0	1.841	1.713	1.473	1.762	0.965	2.119	1.569	1.696
1982	0.0	1.956	1.829	1.740	2.044	1.216	2.065	1.887	1.856

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	0.232	0.457	0.0	0.370	0.406	0.402	0.468	0.359	0.449
1971	0.308	0.420	0.0	0.377	0.399	0.370	0.368	0.399	0.344
1972	0.299	0.496	0.0	0.405	0.411	0.445	0.504	0.386	0.486
1973	0.338	0.479	0.0	0.434	0.474	0.448	0.499	0.344	0.485
1974	0.820	1.109	0.0	0.670	0.868	0.710	0.819	0.761	0.703
1975	0.485	1.139	0.0	1.019	0.958	1.004	1.151	0.733	1.157
1976	1.087	1.111	0.0	1.051	0.986	1.084	0.981	0.965	1.061
1977	1.286	1.249	0.0	1.101	1.032	1.213	1.118	0.886	1.134
1978	1.558	1.438	0.0	1.195	0.953	1.381	1.531	1.018	1.380
1979	1.457	1.454	0.0	1.198	1.030	1.372	1.363	1.024	1.548
1980	1.556	1.503	0.0	1.319	1.155	1.462	1.350	1.095	1.560
1981	1.815	1.646	0.0	1.468	1.265	1.580	1.454	1.265	1.719
1982	1.993	1.785	0.0	1.617	1.397	1.727	1.333	1.471	1.851

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1970	0.0	0.706	0.201	0.845	0.494	0.345	0.420	0.152	0.639
1971	0.0	0.576	0.370	0.769	0.500	0.491	0.362	0.170	0.514
1972	0.0	0.818	0.298	0.925	0.551	0.363	0.452	0.216	0.648
1973	0.0	0.975	0.293	0.907	0.547	0.339	0.458	0.230	0.630
1974	0.0	1.579	0.708	1.395	0.916	0.520	0.674	0.699	1.010
1975	0.0	2.422	0.970	1.770	1.348	0.636	0.973	0.835	1.036
1976	0.0	1.693	0.886	1.804	1.240	0.810	1.035	0.950	1.038
1977	1.206	1.953	0.928	1.885	1.294	0.954	1.099	1.004	1.065
1978	1.329	2.066	1.135	1.884	1.450	1.065	1.308	1.486	0.902
1979	1.040	1.969	1.094	1.787	1.510	0.892	1.296	1.208	1.010
1980	1.226	2.116	1.127	2.136	1.678	1.135	1.340	1.392	1.498
1981	1.360	2.063	1.298	2.151	1.967	1.323	1.424	1.725	1.410
1982	1.935	2.150	1.341	2.424	2.181	1.444	1.508	1.907	1.425

TABLE 3.12 (cont). Steam Coal Prices: Industrial Sector (\$/million Btu)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	0.518	0.353	0.263	0.845	0.303	0.486	0.503	0.491	0.408
1971	0.540	0.329	0.323	1.099	0.476	0.490	0.465	0.508	0.373
1972	0.538	0.358	0.300	0.925	0.433	0.491	0.474	0.520	0.459
1973	0.550	0.310	0.307	0.907	0.444	0.476	0.449	0.501	0.473
1974	1.171	0.667	0.437	1.483	0.979	0.849	0.806	0.978	0.860
1975	1.393	0.705	0.603	1.770	1.180	0.875	0.851	1.248	1.151
1976	1.190	0.711	0.768	1.804	0.881	0.888	0.934	1.252	1.086
1977	1.346	0.766	0.883	1.885	1.809	0.931	0.989	1.305	1.185
1978	1.609	0.850	1.425	1.899	1.292	0.859	1.087	1.416	1.319
1979	1.575	0.669	1.081	1.876	1.761	0.909	1.233	1.534	1.192
1980	1.628	0.871	1.213	2.074	1.817	1.255	1.350	1.592	1.201
1981	1.742	1.093	1.412	2.198	2.151	1.357	1.547	1.772	1.365
1982	1.979	0.891	1.407	1.876	2.166	1.444	1.946	1.992	1.452

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1970	0.492	0.341	0.295	0.0	0.496	0.571	0.275	0.489	0.181
1971	0.611	0.357	0.387	0.0	0.504	0.599	0.387	0.451	0.342
1972	0.368	0.309	0.360	0.0	0.543	0.608	0.345	0.410	0.216
1973	0.483	0.654	0.366	0.0	0.554	0.563	0.348	0.422	0.239
1974	0.734	0.573	0.801	0.0	1.287	0.960	0.940	0.765	0.662
1975	0.744	1.107	1.136	0.0	1.396	0.930	1.050	0.761	0.676
1976	1.006	1.189	1.044	0.0	1.237	0.944	0.924	0.727	0.835
1977	1.085	1.253	1.076	0.0	1.300	0.979	1.062	0.667	0.947
1978	0.978	1.044	1.204	0.0	1.740	1.034	1.238	0.639	0.794
1979	0.972	1.178	1.247	0.0	1.526	0.900	1.243	0.371	0.916
1980	1.164	1.405	1.243	0.0	1.549	1.089	1.291	0.560	0.920
1981	1.271	1.619	1.458	0.0	1.760	0.952	1.455	0.916	1.045
1982	1.500	1.709	1.671	1.943	1.952	1.024	1.627	1.151	1.338

YEAR	VA	VI	WA	WI	WV	WY	WIS
1970	0.344	0.283	0.464	0.664	0.293	0.301	0.419
1971	0.486	0.285	0.498	0.479	0.338	0.172	0.412
1972	0.377	0.383	0.509	0.713	0.356	0.314	0.460
1973	0.384	0.446	0.858	0.703	0.353	0.317	0.458
1974	1.191	1.295	1.217	0.923	0.828	0.676	0.868
1975	1.334	1.668	1.313	1.285	1.215	0.697	1.138
1976	1.171	1.583	1.388	1.259	1.081	0.720	1.085
1977	1.282	1.257	1.416	1.364	1.189	0.769	1.174
1978	1.487	1.899	1.116	1.523	1.176	0.801	1.366
1979	1.479	1.620	1.368	1.662	1.313	0.849	1.289
1980	1.328	2.057	1.877	1.747	1.288	0.936	1.337
1981	1.737	2.101	2.092	1.832	1.411	0.982	1.518
1982	1.897	2.154	2.228	2.015	1.554	0.946	1.643

Source: Pacific Northwest Laboratory

TABLE 3.13. Steam Coal Prices: Electric Utility Sector (\$/million Btu)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1970	0.667	0.259	0.0	0.206	0.0	0.260	0.447	0.391	0.391
1971	0.416	0.346	0.0	0.244	0.0	0.281	0.547	0.519	0.519
1972	0.675	0.380	0.0	0.318	0.0	0.300	0.611	0.539	0.539
1973	0.530	0.390	0.0	0.316	0.0	0.309	0.512	0.636	0.579
1974	0.816	1.232	0.0	0.170	0.0	0.374	0.773	1.843	1.114
1975	1.185	1.118	0.0	0.206	0.0	0.457	0.410	1.468	1.188
1976	0.977	0.915	0.0	0.224	0.0	0.456	0.246	1.168	1.009
1977	1.080	1.128	0.0	0.465	0.0	0.572	0.533	1.221	1.130
1978	1.459	1.387	1.005	0.482	0.0	0.620	0.300	1.401	1.300
1979	1.310	1.304	1.137	0.759	0.0	0.692	0.649	1.497	1.333
1980	1.906	1.424	1.336	0.890	0.0	0.820	0.714	1.627	1.537
1981	1.906	1.886	1.547	1.047	0.0	0.964	0.0	0.0	2.032
1982	1.325	2.031	1.745	1.182	0.0	1.089	0.0	0.0	2.142

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	0.307	0.380	0.0	0.321	0.0	0.296	0.248	0.308	0.214
1971	0.338	0.435	0.0	0.370	0.0	0.344	0.281	0.307	0.259
1972	0.425	0.447	0.0	0.390	0.0	0.385	0.314	0.322	0.284
1973	0.539	0.434	0.0	0.549	0.0	0.581	0.443	0.463	0.382
1974	1.032	1.597	0.0	0.782	0.0	0.726	0.751	0.645	1.166
1975	1.351	1.175	0.0	0.967	0.0	0.932	0.827	0.879	0.945
1976	1.086	1.034	0.0	0.992	0.0	0.998	0.793	0.886	0.777
1977	1.307	1.218	0.0	1.070	0.0	1.178	0.954	0.876	1.023
1978	1.393	1.455	0.0	1.075	0.0	1.411	1.187	1.116	1.295
1979	1.465	1.440	0.0	1.014	0.0	1.658	1.170	1.093	1.125
1980	1.607	1.571	0.0	1.241	0.0	1.911	1.264	0.913	1.190
1981	2.008	1.709	0.0	1.490	0.0	1.856	1.475	1.185	1.469
1982	2.153	1.861	0.0	1.569	0.0	1.983	1.604	1.341	1.552

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1970	0.0	0.311	0.391	0.0	0.356	0.343	0.251	0.257	0.194
1971	0.0	0.336	0.519	0.0	0.418	0.382	0.282	0.288	0.245
1972	0.0	0.454	0.539	0.0	0.446	0.408	0.292	0.363	0.260
1973	0.0	0.983	0.530	0.0	0.517	0.377	0.448	0.385	0.196
1974	0.0	1.255	1.257	0.0	1.368	0.456	0.534	0.653	0.233
1975	0.0	1.694	1.198	0.0	1.163	0.565	0.891	1.192	0.251
1976	0.0	1.512	1.059	0.0	1.103	0.628	0.913	1.146	0.262
1977	0.0	1.782	1.113	0.0	1.147	0.695	1.146	1.298	0.255
1978	0.0	2.117	1.332	0.0	1.299	0.766	1.519	1.525	0.296
1979	0.0	2.435	1.366	0.0	1.459	0.977	1.309	1.432	0.330
1980	1.955	1.946	1.518	0.0	1.423	1.007	1.155	1.532	0.406
1981	2.125	2.460	1.809	0.0	1.746	1.134	1.346	2.282	0.513
1982	2.273	2.491	1.920	0.0	1.939	1.290	1.431	2.429	0.575

TABLE 3.13 (cont). Steam Coal Prices: Electric Utility Sector (\$/million Btu)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	0.407	0.249	0.352	0.361	0.449	0.143	0.305	0.465	0.290
1971	0.454	0.254	0.403	0.439	0.547	0.151	0.310	0.528	0.349
1972	0.443	0.266	0.430	0.479	0.644	0.153	0.297	0.515	0.378
1973	0.513	0.285	0.465	0.510	0.804	0.155	0.278	0.521	0.447
1974	1.616	0.314	0.727	0.819	1.428	0.189	0.282	1.157	1.199
1975	1.016	0.869	0.962	1.236	1.858	0.226	0.308	1.208	1.042
1976	0.871	0.431	1.026	1.232	1.594	0.259	0.385	1.063	0.915
1977	1.303	0.452	1.156	1.288	1.568	0.294	0.437	1.133	0.988
1978	1.409	1.520	1.101	1.502	1.688	0.421	0.604	1.266	1.193
1979	1.295	0.543	1.116	1.475	1.756	0.478	0.944	1.318	1.235
1980	1.439	0.626	1.166	1.626	1.894	0.559	1.050	1.414	1.375
1981	1.730	0.681	1.144	1.715	2.067	0.699	1.099	1.709	1.644
1982	1.878	0.807	1.169	1.884	2.140	0.785	1.175	1.828	1.723

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1970	0.389	0.228	0.314	0.289	0.433	0.352	0.230	0.0	0.231
1971	0.212	0.194	0.362	0.338	0.493	0.405	0.325	0.214	0.281
1972	0.194	0.174	0.400	0.567	0.470	0.429	0.360	0.216	0.291
1973	0.303	0.097	0.431	0.567	0.521	0.381	0.341	0.138	0.353
1974	0.409	0.121	0.904	1.562	1.504	0.473	1.044	0.181	0.427
1975	1.783	0.587	0.996	0.0	1.032	0.531	0.990	0.238	0.558
1976	0.978	0.165	0.912	0.0	0.916	0.620	0.737	1.004	0.653
1977	1.076	0.228	0.924	0.0	1.312	0.592	1.028	1.050	0.757
1978	1.065	0.978	1.093	0.0	1.392	0.607	1.296	1.217	0.844
1979	1.096	1.729	1.123	0.0	1.376	0.696	1.082	1.694	0.991
1980	1.154	1.412	1.216	0.0	1.477	0.848	1.346	1.760	1.152
1981	1.453	1.586	1.555	0.0	1.801	0.942	1.735	1.455	1.265
1982	1.646	1.715	1.634	0.0	1.908	1.146	1.745	1.596	1.412

YEAR	VA	VT	WA	WJ	WV	WY	US
1970	0.383	0.488	0.0	0.387	0.251	0.140	0.312
1971	0.446	0.611	0.0	0.431	0.318	0.150	0.363
1972	0.434	0.619	0.0	0.465	0.354	0.171	0.384
1973	0.551	0.726	0.388	0.591	0.423	0.198	0.463
1974	1.543	1.504	0.369	0.887	1.384	0.212	1.189
1975	1.225	2.049	0.565	0.805	0.958	0.246	1.046
1976	1.083	1.759	0.752	0.777	0.891	0.288	0.920
1977	1.465	1.377	0.723	0.875	1.005	0.347	1.084
1978	1.645	1.268	0.771	1.036	1.194	0.378	1.288
1979	1.620	1.772	0.836	1.145	1.140	0.470	1.263
1980	1.708	2.126	0.962	1.365	1.234	0.568	1.388
1981	1.930	2.174	1.109	1.548	1.615	0.693	1.532
1982	1.929	2.105	1.389	1.717	1.714	0.789	1.646

Source: Pacific Northwest Laboratory

TABLE 3.14. Distillate Fuel Prices: Residential Sector (\$/million Btu)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1970	1.329	1.135	0.882	1.077	1.077	1.234	1.406	1.370	1.370
1971	1.410	1.279	0.955	1.169	1.169	1.315	1.486	1.404	1.404
1972	1.417	1.293	0.967	1.197	1.197	1.318	1.494	1.407	1.407
1973	1.645	1.379	1.256	1.495	1.495	1.550	1.731	1.655	1.655
1974	2.615	2.127	2.250	2.574	2.574	2.505	2.864	2.591	2.591
1975	2.798	2.481	2.382	2.838	2.798	2.855	2.841	2.693	2.693
1976	3.107	2.782	2.541	3.029	3.107	2.944	3.037	2.907	2.907
1977	3.244	3.290	2.832	3.115	3.244	3.228	3.408	3.313	3.313
1978	3.410	3.474	2.949	3.241	3.111	3.275	3.646	3.575	3.575
1979	4.723	4.578	4.543	4.450	4.506	4.597	5.008	4.735	4.735
1980	6.793	6.812	6.501	7.028	6.684	6.941	7.172	7.387	7.018
1981	8.434	8.576	8.018	7.228	7.179	8.317	8.930	9.461	8.585
1982	8.499	8.156	7.568	7.756	7.508	6.553	8.775	9.386	8.349

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	1.298	1.241	1.077	1.158	1.329	1.172	1.172	1.131	1.094
1971	1.467	1.388	1.169	1.218	1.410	1.264	1.264	1.225	1.225
1972	1.486	1.403	1.197	1.225	1.417	1.273	1.273	1.240	1.238
1973	1.476	1.613	1.495	1.552	1.645	1.604	1.604	1.382	1.431
1974	2.490	2.512	2.574	2.435	2.615	2.567	2.567	2.427	2.275
1975	2.624	2.580	2.798	2.560	2.838	2.566	2.566	2.614	2.481
1976	2.867	2.894	3.107	2.755	3.029	2.810	2.810	2.857	2.770
1977	3.221	3.277	3.244	3.192	3.235	3.200	3.200	3.218	3.194
1978	3.501	3.515	3.111	3.302	3.494	3.395	3.395	3.301	3.391
1979	4.564	4.620	4.506	4.431	4.797	4.669	4.669	4.913	4.629
1980	6.900	6.902	6.684	6.792	6.788	6.947	7.066	6.853	7.077
1981	8.711	8.642	7.179	8.060	8.146	8.570	8.502	8.119	8.565
1982	8.374	8.348	7.508	7.990	8.267	8.314	8.248	7.931	8.113

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1970	0.912	1.419	1.370	1.430	1.200	1.227	1.131	1.094	1.234
1971	1.000	1.499	1.404	1.511	1.278	1.274	1.233	1.225	1.314
1972	1.012	1.506	1.407	1.519	1.286	1.272	1.240	1.238	1.318
1973	1.182	1.763	1.655	1.743	1.362	1.559	1.382	1.431	1.550
1974	2.097	2.647	2.591	2.701	2.345	2.509	2.427	2.275	2.505
1975	2.227	2.849	2.693	2.868	2.512	2.546	2.614	2.481	2.855
1976	2.539	3.038	2.907	3.057	2.772	2.797	2.857	2.770	2.944
1977	2.753	3.422	3.313	3.433	3.271	3.196	3.218	3.194	3.362
1978	2.946	3.659	3.575	3.691	3.480	3.438	3.301	3.391	3.369
1979	4.586	5.000	4.735	4.893	4.953	4.742	4.913	4.629	4.795
1980	6.813	7.170	7.013	7.040	7.117	6.934	6.853	7.077	6.906
1981	8.193	8.927	8.731	8.816	8.752	8.170	8.119	8.565	8.270
1982	7.568	8.813	8.612	8.543	8.516	8.042	7.931	8.113	6.942

TABLE 3.14 (cont). Distillate Fuel Prices: Residential Sector (\$/million Btu)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	1.236	1.234	1.131	1.430	1.387	0.868	1.077	1.358	1.200
1971	1.292	1.314	1.233	1.511	1.466	0.914	1.169	1.440	1.278
1972	1.298	1.318	1.240	1.519	1.472	0.937	1.197	1.447	1.286
1973	1.571	1.550	1.382	1.743	1.601	1.223	1.495	1.730	1.362
1974	2.586	2.505	2.427	2.701	3.221	2.418	2.574	2.358	2.345
1975	2.744	2.546	2.614	2.868	2.787	2.838	2.838	2.817	2.512
1976	2.933	2.797	2.857	3.057	2.959	3.028	3.028	2.969	2.772
1977	3.276	3.196	3.218	3.433	3.347	3.215	3.115	3.376	3.202
1978	3.537	3.369	3.301	3.691	3.608	2.957	3.111	3.648	3.421
1979	4.644	4.795	4.913	4.893	4.861	4.526	4.506	4.876	4.796
1980	6.930	6.927	6.853	7.107	7.078	6.756	6.684	7.099	6.656
1981	8.636	8.298	8.119	8.750	8.773	8.024	7.179	9.017	8.513
1982	8.383	6.659	7.931	8.487	8.555	7.714	7.508	8.921	8.277

YFAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1970	0.844	1.329	1.305	1.530	1.243	1.234	1.094	0.912	1.095
1971	0.858	1.410	1.399	1.611	1.347	1.314	1.225	1.000	1.206
1972	0.858	1.417	1.407	1.619	1.356	1.318	1.238	1.012	1.238
1973	1.075	1.645	1.641	1.640	1.538	1.550	1.431	1.182	1.469
1974	2.162	2.615	2.630	2.853	2.426	2.505	2.275	2.097	2.543
1975	2.380	2.798	2.808	2.841	2.739	2.546	2.481	2.227	2.855
1976	2.584	3.106	2.934	3.011	2.933	2.797	2.770	2.539	2.944
1977	2.879	3.369	3.326	3.264	3.287	3.196	3.194	2.753	3.228
1978	3.026	3.494	3.566	3.497	3.468	3.369	3.391	2.946	3.293
1979	4.684	4.797	4.798	4.883	4.441	4.795	4.629	4.586	4.480
1980	6.562	7.094	6.931	7.200	6.852	6.927	7.077	6.472	6.871
1981	7.956	8.078	8.534	8.913	8.013	8.298	8.565	7.989	8.217
1982	7.495	8.225✓	8.254	8.695	8.365	6.659	8.113	7.487	6.800

YFAR	VA	VT	WA	WI	WV	WY	ILS
1970	1.316	1.430	1.329	1.172	1.316	1.234	1.334
1971	1.411	1.511	1.410	1.264	1.411	1.314	1.413
1972	1.419	1.519	1.417	1.273	1.419	1.318	1.420
1973	1.603	1.743	1.645	1.604	1.603	1.550	1.644
1974	2.547	2.701	2.615	2.567	2.547	2.505	2.596
1975	2.676	2.868	2.798	2.566	2.676	2.855	2.718
1976	2.907	3.057	3.106	2.810	2.907	2.944	2.927
1977	3.310	3.433	3.369	3.200	3.310	3.228	3.317
1978	3.556	3.691	3.494	3.395	3.561	3.256	3.562
1979	4.813	4.893	4.723	4.669	4.813	4.610	4.730
1980	7.161	7.380	7.216	6.862	6.892	6.921	7.052
1981	8.890	9.082	8.563	8.133	8.710	8.256	8.688
1982	8.644	8.917	8.808	8.142	8.443	6.716	8.544

Source: Pacific Northwest Laboratory

TABLE 3.15. Distillate Fuel Prices: Commercial Sector (\$/million Btu)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1970	1.213	0.947	0.842	1.009	1.009	1.038	1.093	1.118	1.118
1971	1.282	1.045	0.906	1.087	1.087	1.079	1.158	1.141	1.141
1972	1.290	1.052	0.914	1.112	1.112	1.077	1.160	1.141	1.141
1973	1.522	1.137	1.193	1.401	1.401	1.320	1.398	1.331	1.331
1974	2.506	1.872	2.154	2.472	2.472	2.275	2.484	2.268	2.268
1975	2.664	2.210	2.310	2.696	2.664	2.506	2.471	2.409	2.409
1976	2.965	2.485	2.454	2.902	2.965	2.643	2.656	2.602	2.602
1977	3.092	2.916	2.767	2.987	3.092	2.906	3.007	3.005	3.005
1978	3.228	3.046	2.859	3.111	2.987	2.982	3.178	3.192	3.192
1979	4.578	4.282	4.404	4.382	4.438	4.344	4.559	4.393	4.393
1980	6.632	6.281	6.302	6.848	6.512	6.489	6.479	6.612	6.419
1981	8.118	7.881	7.773	7.120	7.071	7.836	8.177	8.502	8.043
1982	8.161	7.403	7.337	7.565	7.323	6.617	7.975	8.244	7.701

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	1.083	1.036	1.009	1.053	1.213	1.031	1.031	1.028	0.974
1971	1.199	1.134	1.087	1.104	1.282	1.099	1.099	1.117	1.077
1972	1.209	1.141	1.112	1.108	1.290	1.105	1.105	1.122	1.086
1973	1.217	1.330	1.401	1.424	1.522	1.419	1.419	1.268	1.266
1974	2.192	1.822	2.472	2.331	2.506	2.386	2.386	2.324	2.096
1975	2.309	2.271	2.664	2.438	2.696	2.406	2.406	2.489	2.302
1976	2.525	2.549	2.965	2.619	2.902	2.615	2.615	2.716	2.576
1977	2.880	2.931	3.092	3.040	3.103	3.000	3.000	3.065	2.955
1978	3.070	3.082	2.987	3.134	3.308	3.144	3.144	3.132	3.116
1979	4.269	4.321	4.438	4.357	4.650	4.489	4.489	4.831	4.433
1980	6.361	6.364	6.512	6.531	6.619	6.553	6.630	6.590	6.713
1981	8.005	7.942	7.071	7.826	7.884	8.085	8.041	7.883	8.108
1982	7.600	7.577	7.323	7.682	7.711	7.777	7.973	7.626	7.619

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1970	0.870	1.103	1.118	1.111	1.046	1.035	1.028	0.912	1.038
1971	0.948	1.167	1.141	1.177	1.100	1.057	1.117	1.001	1.078
1972	0.957	1.169	1.141	1.179	1.105	1.052	1.122	1.007	1.077
1973	1.123	1.425	1.331	1.408	1.195	1.325	1.268	1.180	1.320
1974	2.007	2.296	2.268	2.343	2.169	2.277	2.324	2.003	2.275
1975	2.159	2.478	2.409	2.494	2.345	2.340	2.489	2.210	2.506
1976	2.452	2.658	2.602	2.674	2.567	2.564	2.716	2.475	2.643
1977	2.690	3.020	3.005	3.029	3.053	2.938	3.065	3.065	3.026
1978	2.856	3.189	3.192	3.217	3.205	3.105	3.132	2.973	3.069
1979	4.446	4.551	4.393	4.454	4.749	4.503	4.831	4.831	4.531
1980	6.605	6.473	6.417	6.418	6.613	6.479	6.590	6.525	6.456
1981	7.942	8.175	8.119	8.146	8.202	7.749	7.883	7.871	7.791
1982	7.337	7.985	7.839	7.858	7.922	7.464	7.626	7.363	7.010

TABLE 3.15 (cont). Distillate Fuel Prices: Commercial Sector (\$/million Btu)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	1.031	1.038	1.028	1.111	1.165	0.840	1.009	1.141	1.046
1971	1.056	1.078	1.117	1.177	1.233	0.881	1.087	1.211	1.100
1972	1.056	1.077	1.122	1.179	1.236	0.902	1.112	1.215	1.105
1973	1.295	1.320	1.268	1.408	1.350	1.181	1.401	1.459	1.195
1974	2.276	2.275	2.324	2.343	2.708	2.346	2.472	1.982	2.169
1975	2.415	2.340	2.489	2.494	2.527	2.696	2.696	2.554	2.345
1976	2.584	2.564	2.716	2.674	2.695	2.901	2.901	2.704	2.567
1977	2.930	2.938	3.065	3.029	3.095	3.083	2.987	3.122	2.989
1978	3.102	3.069	3.132	3.217	3.284	2.894	2.987	3.321	3.151
1979	4.344	4.531	4.831	4.454	4.567	4.430	4.438	4.582	4.599
1980	6.389	6.475	6.590	6.449	6.587	6.613	6.512	6.606	6.327
1981	7.937	7.817	7.883	8.115	8.172	7.854	7.071	8.413	8.054
1982	7.608	6.724	7.626	7.832	8.010	7.551	7.323	8.239	7.774

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1970	0.805	1.213	1.111	1.189	1.021	1.038	0.974	0.870	0.921
1971	0.814	1.282	1.189	1.254	1.081	1.078	1.077	0.948	0.990
1972	0.811	1.290	1.193	1.257	1.083	1.077	1.086	0.957	1.011
1973	1.021	1.522	1.383	1.325	1.263	1.320	1.266	1.123	1.251
1974	2.069	2.506	2.366	2.474	2.155	2.275	2.096	2.007	2.310
1975	2.307	2.664	2.546	2.471	2.410	2.340	2.302	2.159	2.506
1976	2.495	2.964	2.673	2.634	2.583	2.564	2.576	2.452	2.643
1977	2.813	3.211	3.076	2.880	2.940	2.938	2.955	2.690	2.906
1978	2.933	3.308	3.259	3.048	3.074	3.069	3.116	2.856	2.999
1979	4.541	4.650	4.520	4.445	4.251	4.531	4.433	4.446	4.234
1980	6.362	6.867	6.492	6.492	6.354	6.475	6.713	6.274	6.424
1981	7.713	7.829	8.125	8.169	7.673	7.817	8.108	7.745	7.741
1982	7.266	7.935	7.797	7.937	7.592	6.724	7.619	7.258	6.867

YEAR	VA	VT	WA	WI	WV	WY	US
1970	1.074	1.111	1.213	1.031	1.074	1.038	1.090
1971	1.147	1.177	1.282	1.099	1.147	1.078	1.155
1972	1.150	1.179	1.290	1.105	1.150	1.077	1.154
1973	1.290	1.408	1.522	1.419	1.290	1.320	1.360
1974	2.229	2.343	2.506	2.386	2.229	2.275	2.265
1975	2.393	2.494	2.664	2.406	2.393	2.506	2.453
1976	2.602	2.674	2.964	2.615	2.602	2.643	2.643
1977	3.002	3.029	3.211	3.000	3.002	2.906	2.999
1978	3.174	3.217	3.308	3.144	3.179	2.965	3.150
1979	4.465	4.454	4.578	4.489	4.465	4.357	4.511
1980	6.544	6.578	6.975	6.498	6.403	6.470	6.532
1981	8.174	8.272	8.247	7.804	8.080	7.777	8.056
1982	7.841	8.034	8.431	7.666	7.736	6.781	7.836

Source: Pacific Northwest Laboratory

TABLE 3.16. Distillate Fuel Prices: Industrial Sector (\$/million Btu)^(a)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1970	0.663	0.691	0.673	0.715	0.830	0.827	0.727	1.216	0.776
1971	0.682	0.743	0.711	0.735	0.853	0.822	0.773	1.234	0.788
1972	0.690	0.743	0.711	0.744	0.864	0.814	0.771	1.227	0.783
1973	0.919	0.817	0.942	0.991	1.151	1.073	0.985	1.412	0.901
1974	2.440	1.720	1.820	1.953	1.959	1.801	2.239	2.483	1.976
1975	2.678	2.038	2.093	2.185	2.209	1.962	2.405	2.580	2.185
1976	2.833	2.225	2.050	2.376	2.450	2.170	2.517	2.745	2.355
1977	3.195	2.671	2.592	2.477	2.596	2.204	2.774	3.240	2.690
1978	3.514	2.865	2.654	2.613	2.663	2.378	2.884	3.023	2.840
1979	4.980	3.646	3.538	3.320	3.806	2.819	4.011	3.712	3.928
1980	6.268	5.284	4.869	5.148	5.491	5.331	5.751	7.630	5.706
1981	6.977	6.530	5.828	6.215	6.416	5.806	6.932	6.227	6.827
1982	8.197	6.650	6.234	6.294	6.566	5.792	7.457	7.976	7.018

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	0.560	0.582	0.738	0.753	0.765	0.760	0.742	0.642	0.732
1971	0.604	0.622	0.759	0.778	0.786	0.785	0.766	0.687	0.783
1972	0.605	0.622	0.768	0.777	0.796	0.784	0.765	0.687	0.783
1973	0.620	0.737	1.024	1.053	1.061	1.063	1.037	0.819	0.933
1974	2.014	1.619	2.170	2.050	2.288	2.160	2.180	1.837	2.064
1975	2.197	2.053	2.220	2.155	2.400	2.328	2.240	2.129	2.307
1976	2.338	2.191	2.082	2.371	2.556	2.469	2.280	2.287	2.343
1977	2.694	2.683	2.682	2.579	2.606	2.776	2.656	2.568	2.738
1978	2.925	2.960	2.670	2.781	2.922	2.937	2.769	2.788	2.924
1979	3.819	3.635	4.303	3.803	4.288	3.847	3.739	3.455	3.612
1980	5.750	5.438	4.733	5.275	6.024	5.371	5.566	4.989	5.434
1981	6.857	6.295	6.655	5.861	7.386	6.374	6.438	6.215	6.340
1982	7.058	6.994	6.579	6.616	7.301	6.902	6.726	6.231	6.929

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1970	0.512	0.742	0.806	0.627	0.684	0.828	0.767	0.785	0.872
1971	0.548	0.788	0.819	0.666	0.697	0.822	0.821	0.840	0.867
1972	0.548	0.786	0.814	0.665	0.696	0.814	0.821	0.840	0.858
1973	0.653	1.015	0.937	0.841	0.793	1.074	0.978	1.001	1.132
1974	1.494	2.235	2.149	1.928	2.058	2.088	2.100	1.734	2.134
1975	1.813	2.359	2.342	2.302	2.275	2.386	2.254	1.696	2.443
1976	2.070	2.479	2.510	2.549	2.307	2.470	2.421	2.079	2.266
1977	2.179	2.761	2.764	2.900	2.733	2.757	2.678	2.716	2.476
1978	2.017	2.910	2.941	3.088	2.941	2.963	2.840	2.900	2.699
1979	3.370	4.043	3.876	4.450	3.758	4.008	3.580	4.139	4.424
1980	4.892	5.595	5.602	5.941	5.565	5.659	5.826	5.553	5.191
1981	6.484	6.645	6.814	6.434	6.451	6.423	6.995	6.148	7.043
1982	5.759	7.428	7.249	7.487	6.953	6.936	6.726	6.501	7.114

(a) Data for 1982 are provisional estimates and will be updated when data from Annual Survey of Manufactures become available.

TABLE 3.16 (cont). Distillate Fuel Prices: Industrial Sector (\$/million Btu)^(a)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	0.727	0.790	0.735	0.687	0.759	0.970	0.962	0.701	0.792
1971	0.726	0.785	0.786	0.730	0.807	0.997	0.989	0.747	0.807
1972	0.722	0.777	0.786	0.728	0.805	1.010	1.001	0.746	0.806
1973	0.901	1.025	0.937	0.921	0.890	1.345	1.334	0.906	0.918
1974	1.983	2.191	1.851	2.189	2.168	2.500	2.240	2.175	2.223
1975	2.192	2.725	2.246	2.295	2.361	2.596	2.337	2.362	2.307
1976	2.402	2.994	2.393	2.340	2.402	2.762	2.503	2.428	2.460
1977	2.728	2.749	2.527	2.711	2.755	3.070	2.810	2.790	2.755
1978	2.864	2.984	2.755	2.894	2.864	3.264	3.004	2.941	2.886
1979	3.726	4.924	3.344	2.894	3.924	4.900	4.683	3.920	3.871
1980	5.491	6.938	4.941	5.732	5.476	6.422	6.531	5.355	5.450
1981	6.517	8.461	6.401	6.329	6.598	7.954	7.468	6.582	6.603
1982	6.837	7.918	6.292	7.000	7.322	8.137	7.382	7.674	7.174

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1970	0.542	0.797	0.702	0.716	0.579	0.726	0.726	0.652	0.640
1971	0.537	0.819	0.747	0.757	0.594	0.721	0.776	0.697	0.658
1972	0.531	0.829	0.745	0.755	0.591	0.714	0.776	0.697	0.666
1973	0.679	1.105	0.850	0.844	0.715	0.942	0.925	0.831	0.887
1974	2.094	2.026	2.170	2.149	2.064	2.328	1.997	1.882	1.957
1975	2.190	2.288	2.379	2.338	2.122	2.572	2.115	2.016	2.180
1976	2.356	2.460	2.416	2.230	2.304	2.709	2.259	2.472	2.438
1977	2.664	2.759	2.788	2.816	2.706	2.821	2.743	2.663	2.573
1978	2.858	2.803	2.853	2.991	2.905	3.159	2.882	2.838	2.592
1979	4.279	3.738	3.822	4.154	3.647	4.354	3.650	4.235	3.643
1980	5.679	5.622	5.666	5.646	4.618	5.652	5.505	6.088	5.495
1981	4.801	6.310	6.609	7.254	6.689	6.580	6.618	6.788	6.225
1982	6.641	6.821	7.229	7.500	6.706	7.369	6.822	6.975	6.736

YEAR	VA	VT	WA	WI	WV	WY	US
1970	0.596	0.842	0.728	0.762	0.708	0.796	0.721
1971	0.634	0.894	0.749	0.786	0.752	0.791	0.751
1972	0.632	0.892	0.758	0.786	0.750	0.783	0.747
1973	0.699	1.129	1.010	1.065	0.829	1.033	0.921
1974	1.868	2.222	1.631	2.125	1.991	2.421	1.994
1975	2.189	2.385	2.050	2.232	2.268	2.518	2.210
1976	2.290	2.678	2.264	2.428	2.403	2.684	2.378
1977	2.664	2.903	2.737	2.749	2.869	2.992	2.677
1978	2.819	3.004	2.937	2.879	3.015	3.185	2.808
1979	3.590	4.419	4.394	4.254	3.879	4.844	3.907
1980	5.331	5.842	6.060	5.180	6.148	8.275	5.631
1981	6.677	6.527	6.730	6.891	6.780	10.050	6.637
1982	6.759	7.666	6.898	6.923	7.215	8.512	6.881

Source: Pacific Northwest Laboratory

TABLE 3.17. Distillate Fuel Prices: Electric Utility Sector (\$/million Btu)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1970	0.0	0.843	0.527	0.736	0.420	0.544	0.415	0.498	0.570
1971	0.0	0.946	0.749	0.689	0.663	0.799	0.597	0.727	0.832
1972	0.0	0.959	0.809	1.047	0.838	0.800	0.728	0.726	0.830
1973	0.0	0.893	1.065	1.016	1.078	1.557	0.971	0.859	1.658
1974	0.0	2.095	2.031	2.081	1.867	2.504	2.228	1.925	2.069
1975	0.0	2.165	2.221	2.258	2.372	2.559	2.288	2.083	2.181
1976	0.0	2.358	2.471	2.441	2.643	2.392	2.438	2.273	2.374
1977	0.0	2.665	2.622	2.666	2.691	2.688	2.422	2.396	2.483
1978	0.0	2.732	2.587	2.751	2.804	2.817	2.124	2.400	2.459
1979	0.0	4.310	2.933	4.958	3.804	5.604	3.944	3.829	3.958
1980	0.0	6.351	4.343	6.482	5.790	6.499	6.112	5.290	6.214
1981	0.0	7.713	6.408	7.375	7.130	7.262	7.508	7.237	7.435
1982	0.0	7.115	6.741	7.308	6.712	5.861	7.295	7.049	7.073

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	0.423	0.442	0.581	0.821	0.0	0.746	0.831	0.688	1.148
1971	0.549	0.768	0.700	0.918	0.0	0.753	0.871	0.895	1.028
1972	0.663	0.714	0.792	0.917	0.0	0.813	0.864	0.870	1.020
1973	0.941	1.085	0.916	1.158	0.0	0.983	1.005	1.339	0.810
1974	1.991	2.095	0.0	1.985	2.123	2.005	1.745	2.070	2.207
1975	2.206	2.296	2.266	2.108	2.199	2.156	2.119	2.069	2.250
1976	2.325	2.478	2.603	2.351	0.0	2.411	2.013	2.246	2.453
1977	2.582	2.783	2.875	2.668	2.887	2.783	2.361	2.617	2.806
1978	2.647	2.843	2.900	2.692	3.238	2.840	2.657	2.647	2.874
1979	5.095	3.984	4.194	3.697	3.361	4.274	3.942	3.628	4.545
1980	5.751	6.224	5.813	6.056	0.0	6.244	5.985	5.743	6.542
1981	7.112	7.738	7.267	7.357	0.0	7.786	7.566	7.035	8.039
1982	7.268	7.271	7.451	6.224	0.0	7.423	6.878	6.898	7.595

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1970	0.657	0.497	0.542	0.480	0.711	0.944	0.777	0.633	0.339
1971	0.685	0.847	0.792	0.545	0.831	1.036	0.927	0.943	0.168
1972	0.926	0.897	0.791	0.526	0.873	1.036	0.789	0.927	0.564
1973	1.456	1.113	0.935	0.548	0.982	1.349	1.306	0.992	0.930
1974	3.156	2.066	2.083	2.340	1.972	2.193	2.161	1.959	1.147
1975	1.913	2.146	2.151	2.480	2.034	2.264	2.256	1.949	0.0
1976	2.066	2.422	2.300	2.547	2.349	2.255	2.313	2.167	2.528
1977	2.421	2.718	2.659	2.789	2.645	2.629	2.679	2.515	1.814
1978	2.526	2.826	2.751	2.962	2.788	2.637	2.666	2.505	2.974
1979	2.904	4.578	4.283	4.728	4.080	3.743	4.428	3.729	3.369
1980	4.372	5.992	5.958	6.331	6.065	5.800	6.015	5.469	5.010
1981	6.347	7.467	7.212	7.921	7.398	7.954	7.202	7.073	5.563
1982	6.307	7.072	7.010	7.536	7.038	7.210	6.960	6.729	5.421

TABLE 3.17 (cont). Distillate Fuel Prices: Electric Utility Sector (\$/million Btu)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	0.915	1.232	0.699	0.464	0.499	0.319	0.771	0.493	0.833
1971	0.987	1.206	0.828	0.468	0.786	0.593	0.953	0.633	0.884
1972	0.731	1.290	1.062	0.544	0.810	0.827	1.049	0.735	0.908
1973	0.867	0.933	1.091	0.855	1.011	1.334	1.424	0.898	1.136
1974	2.245	2.043	1.653	0.0	2.138	2.044	2.248	2.243	2.266
1975	2.221	2.117	1.846	2.197	2.093	2.342	2.472	2.089	2.348
1976	2.438	2.486	2.258	2.373	2.295	2.659	2.283	2.308	2.460
1977	2.726	2.764	2.580	2.691	2.672	2.589	2.524	2.658	2.785
1978	2.805	2.869	2.746	2.820	2.772	2.715	2.570	2.659	2.921
1979	3.958	4.052	4.749	4.220	4.285	3.556	4.962	4.304	4.058
1980	5.824	6.073	6.190	5.937	5.860	5.149	5.584	5.611	5.717
1981	7.331	7.536	7.187	7.415	7.189	7.411	6.530	7.101	7.164
1982	7.063	7.178	6.657	6.953	6.888	6.985	7.279	7.032	7.443

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1970	0.633	0.952	0.559	0.538	0.793	1.051	0.0	0.667	0.339
1971	0.583	0.978	0.861	0.823	1.193	1.194	1.089	0.707	0.348
1972	0.734	0.877	0.874	0.821	1.251	1.177	0.960	0.968	0.361
1973	1.216	1.208	1.156	1.270	1.205	1.208	1.292	1.190	0.459
1974	1.628	2.400	2.328	2.119	2.520	0.0	2.552	1.844	2.238
1975	1.920	2.312	2.268	2.004	2.413	2.285	2.193	2.004	2.309
1976	1.804	2.218	2.376	0.0	2.407	2.568	2.334	2.159	2.409
1977	2.690	2.663	2.813	0.0	2.738	2.996	2.641	2.377	2.597
1978	2.612	2.539	2.820	0.0	2.831	3.018	2.648	2.410	2.514
1979	5.092	6.188	4.186	0.0	4.128	4.856	4.528	4.724	4.728
1980	5.295	6.526	5.847	0.0	5.780	6.501	6.390	4.121	6.233
1981	7.052	6.622	7.256	0.0	7.362	7.773	8.215	4.338	7.404
1982	6.707	7.222	7.061	0.0	6.870	6.709	8.102	4.959	6.942

YEAR	VA	VT	WA	WI	WV	WY	WIS
1970	0.410	1.018	0.0	0.758	1.004	0.828	0.616
1971	0.521	1.083	0.0	0.992	0.903	0.676	0.767
1972	0.605	1.114	0.461	0.908	1.011	1.128	0.825
1973	0.868	1.267	0.857	1.293	1.326	1.232	1.072
1974	2.052	2.279	2.626	2.010	2.221	2.343	2.146
1975	2.177	2.160	0.0	2.289	2.316	2.437	2.175
1976	2.383	2.272	0.0	2.309	2.509	2.502	2.347
1977	2.753	2.806	0.0	2.640	2.801	3.401	2.662
1978	2.753	0.0	3.332	2.663	2.889	3.544	2.709
1979	4.136	5.274	4.665	3.711	4.175	4.583	4.236
1980	5.855	6.058	2.743	5.577	6.298	6.981	5.705
1981	7.102	7.166	6.417	6.494	7.545	7.657	7.145
1982	6.946	7.415	7.780	6.825	7.034	7.216	6.938

Source: Pacific Northwest Laboratory

TABLE 3.18. Motor Gasoline Prices: Transportation Sector (\$/million Btu)

YFAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1970	3.186	2.817	2.744	2.801	2.801	2.717	2.960	2.858	2.859
1971	3.250	2.849	2.844	2.869	2.839	2.931	3.024	2.931	2.917
1972	3.216	2.948	2.772	2.827	2.786	2.808	3.005	3.011	2.975
1973	3.467	3.084	2.961	3.061	3.084	3.109	3.277	3.118	3.101
1974	4.773	4.142	4.090	4.120	4.470	4.199	4.379	4.491	4.103
1975	5.169	4.259	4.595	4.617	4.838	4.666	4.607	4.850	4.536
1976	5.360	4.704	4.825	4.836	5.043	4.902	4.799	5.059	4.580
1977	5.683	5.124	5.154	5.092	5.334	5.129	5.107	5.378	4.807
1978	5.944	5.268	5.302	5.417	5.423	5.052	5.341	5.456	4.935
1979	7.787	6.920	6.848	6.917	7.434	6.849	7.166	7.020	6.978
1980	10.199	9.674	9.639	9.547	10.164	9.360	9.950	9.970	9.788
1981	11.577	11.096	10.720	10.607	11.174	10.436	11.198	11.221	11.237
1982	11.349	10.547	10.328	10.310	10.706	10.134	10.331	10.593	10.013

YFAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	2.809	2.799	3.292	2.826	2.808	3.049	2.977	2.637	2.933
1971	2.774	2.900	3.358	2.903	2.797	3.004	3.007	2.655	3.001
1972	2.876	2.890	3.323	2.980	2.811	2.910	2.842	2.577	2.983
1973	3.048	3.082	3.582	3.117	3.200	3.249	3.144	3.029	3.224
1974	4.073	4.391	4.776	4.100	4.297	4.480	4.470	4.191	4.422
1975	4.390	4.731	5.445	4.594	4.807	4.727	4.754	4.498	4.690
1976	4.566	4.845	5.671	4.830	4.981	4.858	4.867	4.712	4.822
1977	4.703	5.145	5.914	5.180	5.242	5.163	5.164	4.965	5.115
1978	5.179	5.267	6.216	5.420	5.496	5.323	5.385	5.112	5.203
1979	6.992	7.054	7.790	7.082	7.131	7.264	7.195	6.797	6.937
1980	9.705	9.908	10.811	9.790	9.638	9.814	9.874	9.271	9.526
1981	10.859	11.074	12.475	10.893	10.975	10.881	10.871	10.111	10.625
1982	10.516	10.423	12.285	10.567	10.690	10.238	10.399	10.053	10.274

YFAR	LA	MA	MD	ME	MI	PN	MU	MS	MT
1970	2.859	2.859	2.852	3.020	2.710	2.972	2.729	2.838	2.891
1971	2.845	2.926	2.883	3.123	2.758	2.968	2.891	3.002	2.940
1972	2.727	2.873	3.012	3.049	2.738	2.967	2.860	2.994	2.824
1973	2.920	3.124	3.136	3.210	3.163	3.124	3.134	3.078	3.168
1974	3.994	4.384	4.515	4.351	4.548	4.325	4.322	4.175	4.298
1975	4.491	4.730	4.859	4.563	4.724	4.627	4.551	4.336	4.775
1976	4.832	4.814	4.956	4.700	4.806	4.759	4.656	4.573	4.872
1977	5.035	5.155	5.232	5.026	5.137	5.054	4.938	4.987	5.248
1978	5.321	5.146	5.328	5.215	5.341	5.062	5.008	5.174	5.544
1979	6.994	6.984	7.022	7.050	7.293	7.007	6.927	7.204	7.004
1980	9.742	9.692	9.932	9.773	10.094	9.555	9.325	10.122	8.581
1981	10.903	10.822	11.000	10.843	11.165	10.768	10.243	11.252	10.456
1982	10.249	10.084	10.477	10.064	10.557	10.479	9.814	10.970	10.379

TABLE 3.18 (cont). Motor Gasoline Prices: Transportation Sector (\$/million Btu)

YEAR	NC	ND	NF	NH	NJ	NM	NV	NY	OH
1970	2.823	2.829	3.025	2.916	2.992	2.939	3.066	2.921	2.932
1971	2.979	2.968	2.999	3.064	3.043	2.957	3.021	3.017	3.034
1972	2.982	2.599	2.997	3.006	2.902	2.913	3.115	3.146	3.030
1973	3.143	3.131	3.206	3.204	3.082	3.061	3.341	3.355	3.090
1974	4.173	4.223	4.267	4.370	4.548	4.239	4.377	4.508	4.447
1975	4.548	4.693	4.763	4.537	4.786	4.724	4.737	4.804	4.726
1976	4.833	4.994	5.055	4.758	4.887	4.760	4.737	4.903	4.745
1977	4.954	5.315	5.292	5.042	5.162	5.093	5.118	5.170	4.994
1978	5.120	5.519	5.502	5.234	5.147	5.305	5.446	5.337	5.138
1979	6.829	7.145	7.208	7.133	7.155	6.749	7.330	7.339	6.903
1980	9.709	9.668	9.769	9.937	9.937	9.399	9.879	10.128	9.453
1981	10.914	10.688	10.966	11.029	10.842	10.744	11.212	11.095	10.599
1982	10.485	10.446	10.645	10.549	10.145	10.560	11.080	10.453	10.309

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1970	2.821	2.831	2.919	2.894	2.753	2.972	2.842	2.601	2.746
1971	2.803	2.864	2.974	2.950	2.853	2.878	2.845	2.735	2.800
1972	2.780	2.822	2.936	2.886	2.927	2.614	2.840	2.700	2.841
1973	2.995	3.069	3.032	3.061	3.070	3.093	3.000	2.787	2.987
1974	4.038	4.155	4.398	4.214	4.242	4.195	4.064	3.976	4.032
1975	4.520	4.439	4.717	4.495	4.349	4.696	4.580	4.300	4.516
1976	4.755	4.581	4.817	4.686	4.633	4.886	4.771	4.514	4.683
1977	5.102	4.926	5.121	4.974	4.899	5.116	5.128	4.797	4.880
1978	5.338	5.266	5.112	5.098	5.012	5.343	5.346	4.877	5.102
1979	6.869	7.222	7.001	7.117	6.913	7.077	7.006	6.523	7.061
1980	9.632	9.752	9.714	9.906	9.736	9.656	9.695	9.206	9.641
1981	10.720	10.798	10.852	10.998	10.835	10.680	10.846	10.349	10.780
1982	10.197	10.493	10.047	10.132	10.619	10.611	10.343	9.809	10.767

YEAR	VA	VT	WA	WI	WV	WY	WIS
1970	2.846	3.092	2.921	2.652	2.858	2.930	2.848
1971	2.859	3.202	2.933	2.767	3.020	2.968	2.904
1972	2.931	3.204	2.878	2.688	3.008	2.763	2.883
1973	3.155	3.337	3.139	3.074	3.136	3.148	3.100
1974	4.408	4.467	4.295	4.302	4.117	4.297	4.318
1975	4.767	4.685	4.615	4.545	4.610	4.773	4.645
1976	5.009	4.807	4.866	4.659	4.728	4.934	4.805
1977	5.329	4.960	5.163	4.947	5.054	5.276	5.090
1978	5.385	5.131	5.346	4.978	5.125	5.522	5.235
1979	6.946	7.230	7.171	6.862	7.127	7.158	7.056
1980	9.878	10.036	9.843	9.430	10.016	8.738	9.751
1981	11.063	11.133	10.983	10.545	11.145	10.700	10.856
1982	10.528	10.524	10.436	10.347	10.412	10.697	10.363

Source: Pacific Northwest Laboratory

TABLE 3.19. Diesel Fuel Prices: Transportation Sector (\$/million Btu)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1970	0.0	1.313	1.145	1.244	1.407	1.189	1.375	1.306	1.233
1971	0.0	1.336	1.204	1.295	1.543	1.227	1.475	1.379	1.325
1972	0.0	1.408	1.219	1.312	1.473	1.223	1.487	1.390	1.364
1973	0.0	1.732	1.422	1.462	1.763	1.455	1.788	1.744	1.764
1974	0.0	2.700	2.327	2.514	2.901	2.424	2.694	2.750	2.755
1975	0.0	2.893	2.505	2.712	3.194	2.469	2.877	2.785	2.785
1976	0.0	3.055	2.668	2.817	3.285	2.673	3.071	2.981	2.981
1977	0.0	3.310	3.063	3.262	3.273	3.054	3.580	3.501	3.500
1978	0.0	3.267	3.131	3.370	3.272	3.188	3.757	3.677	3.678
1979	0.0	4.714	4.684	4.749	4.881	4.778	5.271	5.358	5.438
1980	0.0	6.924	6.635	7.271	7.000	7.060	7.332	7.625	7.647
1981	0.0	8.479	8.020	8.380	8.063	8.144	8.931	8.442	8.510
1982	0.0	8.104	7.699	8.018	7.966	7.751	8.713	7.931	7.936

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	1.430	1.138	1.353	1.261	1.301	1.375	1.217	1.169	1.438
1971	1.494	1.484	1.446	1.274	1.349	1.413	1.223	1.173	1.384
1972	1.543	1.491	1.453	1.297	1.388	1.435	1.272	1.214	1.398
1973	1.831	1.733	1.588	1.532	1.608	1.776	1.598	1.541	1.583
1974	2.561	2.651	2.328	2.486	2.558	2.661	2.628	2.547	2.646
1975	2.865	2.992	2.608	2.625	2.657	2.811	2.662	2.679	2.769
1976	3.146	3.096	2.822	2.848	2.852	2.974	2.788	2.766	2.964
1977	3.503	3.485	3.097	3.281	3.105	3.418	3.326	3.110	3.350
1978	3.727	3.574	3.384	3.345	3.207	3.583	3.342	3.260	3.337
1979	5.491	5.156	4.745	4.999	4.817	5.343	4.977	4.975	4.756
1980	7.645	7.414	7.325	6.901	6.884	7.378	7.105	6.984	6.792
1981	9.079	8.664	8.580	8.202	8.076	8.732	8.550	8.108	8.169
1982	8.214	7.917	8.511	7.964	7.954	8.516	8.300	7.896	7.855

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1970	1.075	1.339	1.305	1.375	1.255	1.229	1.224	2.000	1.231
1971	1.154	1.475	1.379	1.476	1.293	1.264	1.256	1.745	1.269
1972	1.170	1.485	1.390	1.486	1.281	1.236	1.273	1.534	1.275
1973	1.408	1.783	1.773	1.787	1.632	1.598	1.538	1.753	1.522
1974	2.382	2.700	2.751	2.707	2.634	2.527	2.501	2.622	2.557
1975	2.517	2.875	2.787	2.875	2.741	2.646	2.690	2.721	2.627
1976	2.648	3.071	2.982	3.071	2.866	2.849	2.856	3.202	2.764
1977	2.967	3.581	3.504	3.589	3.346	3.289	3.116	3.751	3.112
1978	3.066	3.757	3.679	3.755	3.524	3.305	3.277	3.819	3.260
1979	4.686	5.294	5.369	5.250	5.127	5.029	4.971	5.383	4.794
1980	6.775	7.328	7.620	7.341	7.125	7.090	6.905	7.601	7.087
1981	8.524	8.970	8.449	8.966	8.563	8.260	8.204	9.229	8.282
1982	7.609	8.747	7.927	8.728	8.342	8.122	7.959	8.846	8.130

TABLE 3.19 (cont). Diesel Fuel Prices: Transportation Sector (\$/million Btu)

YFAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	1.289	1.313	1.134	1.304	1.556	1.143	1.483	1.429	1.247
1971	1.322	1.305	1.146	1.476	1.732	1.153	1.579	1.441	1.386
1972	1.359	1.318	1.143	1.489	1.984	1.193	1.575	1.396	1.361
1973	1.742	1.586	1.504	1.788	2.124	1.468	1.801	1.735	1.598
1974	2.913	2.527	2.431	2.705	2.933	2.472	2.857	2.679	2.584
1975	3.092	2.645	2.476	2.876	3.180	2.593	2.982	2.817	2.734
1976	3.285	2.889	2.764	3.071	3.140	2.767	3.036	3.000	2.932
1977	3.687	3.234	3.127	3.586	3.398	3.076	3.255	3.437	3.329
1978	3.828	3.364	3.234	3.755	3.616	3.257	3.429	3.639	3.503
1979	5.201	5.045	4.904	5.325	5.085	4.779	4.931	5.189	5.089
1980	7.266	7.164	6.995	7.307	7.274	6.905	7.291	7.383	6.884
1981	8.798	8.494	8.310	8.924	8.681	8.505	8.645	9.359	8.448
1982	8.570	8.244	7.878	8.717	8.293	7.977	8.362	8.957	8.276

YFAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1970	1.104	1.330	1.336	1.346	1.309	1.306	1.269	1.041	1.308
1971	1.113	1.404	1.354	1.474	1.531	1.301	1.307	1.140	1.383
1972	1.123	1.382	1.402	1.490	1.545	1.337	1.355	1.141	1.375
1973	1.471	1.572	1.703	1.826	1.864	1.636	1.686	1.383	1.664
1974	2.450	2.456	2.602	2.666	2.896	2.571	2.675	2.311	2.796
1975	2.583	2.662	2.612	2.877	2.983	2.691	2.994	2.468	2.945
1976	2.778	2.818	2.922	3.071	3.178	2.897	3.036	2.648	2.818
1977	3.212	3.051	3.375	3.579	3.520	3.350	3.268	2.953	3.179
1978	3.346	3.157	3.530	3.754	3.713	3.486	3.445	3.042	3.320
1979	5.215	4.692	5.144	5.287	4.958	4.998	4.974	4.741	4.936
1980	7.236	6.896	6.989	7.343	7.559	7.051	7.180	7.020	6.958
1981	8.528	7.865	8.578	8.846	8.943	8.343	8.397	8.250	8.079
1982	8.157	7.819	8.420	8.707	8.452	8.039	7.880	7.864	7.909

YFAR	VA	VT	WA	WI	WV	WY	WIS
1970	1.238	1.413	1.304	1.313	1.700	1.295	1.293
1971	1.308	1.475	1.375	1.330	1.896	1.311	1.359
1972	1.312	1.489	1.421	1.318	2.054	1.294	1.354
1973	1.571	1.790	1.596	1.597	2.473	1.495	1.577
1974	2.556	2.702	2.482	2.438	3.613	2.537	2.612
1975	2.699	2.876	2.627	2.592	3.933	2.677	2.794
1976	2.875	3.071	2.865	2.788	3.624	2.863	2.952
1977	3.300	3.584	3.090	3.199	3.996	3.205	3.206
1978	3.477	3.756	3.154	3.390	4.284	3.331	3.303
1979	4.927	5.319	4.593	5.100	5.902	4.950	4.903
1980	7.205	6.747	6.661	7.215	8.284	7.323	7.058
1981	8.749	8.936	8.105	8.374	10.089	8.320	8.288
1982	8.478	8.727	8.059	8.147	9.843	8.051	8.030

Source: Pacific Northwest Laboratory

TABLE 3.20. Kerosene Prices: Residential Sector (\$/million Btu)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1970	0.0	1.622	1.400	2.894	2.574	1.514	1.698	1.502	1.343
1971	0.0	1.666	1.413	2.688	2.747	1.539	1.664	1.835	1.436
1972	0.0	1.689	1.478	2.447	3.032	1.556	1.691	1.681	1.521
1973	0.0	1.942	1.679	2.560	3.546	1.825	1.944	1.903	1.903
1974	0.0	2.958	2.749	3.962	5.337	2.865	3.015	2.941	2.933
1975	0.0	3.310	2.800	4.650	5.076	2.959	3.161	3.366	3.366
1976	0.0	3.555	2.897	4.588	5.191	3.196	3.351	3.281	3.281
1977	0.0	3.857	3.432	5.217	5.726	3.578	3.747	3.850	3.850
1978	0.0	4.266	3.604	5.545	6.031	3.807	4.006	4.091	4.091
1979	0.0	6.988	5.176	6.322	8.614	4.231	5.329	5.525	5.525
1980	0.0	6.010	7.735	11.675	13.010	7.979	8.146	8.546	8.546
1981	0.0	11.160	9.407	14.271	15.296	9.781	10.536	10.798	10.798
1982	0.0	10.801	9.264	14.327	15.547	9.825	10.786	10.563	10.563

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	1.629	1.478	2.936	1.571	2.496	1.647	1.592	1.404	1.731
1971	1.598	1.530	3.161	1.619	2.418	1.680	1.516	1.427	1.594
1972	1.599	1.646	3.468	1.622	3.090	1.668	1.388	1.477	1.605
1973	1.837	1.880	3.605	1.856	3.214	1.921	1.761	1.738	1.892
1974	2.962	2.974	4.584	2.780	3.968	2.930	2.828	2.706	2.958
1975	3.275	3.349	5.182	2.988	4.078	3.176	3.109	2.841	3.126
1976	3.553	3.399	5.629	3.261	4.352	3.347	3.248	3.017	3.304
1977	4.042	3.978	6.287	3.726	4.780	3.894	3.825	3.534	3.591
1978	4.322	4.254	6.621	3.960	5.087	4.079	4.006	3.756	3.969
1979	5.861	5.768	9.457	5.457	5.653	5.823	5.719	5.176	6.192
1980	8.914	8.773	14.283	8.094	10.661	8.705	8.549	7.677	6.110
1981	11.225	11.046	16.792	9.907	13.068	10.688	10.496	9.396	10.410
1982	11.127	10.950	17.068	9.617	13.127	10.389	10.202	9.122	10.038

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1970	1.601	1.625	1.502	1.598	1.563	1.519	1.432	2.059	1.718
1971	1.686	1.664	1.835	1.664	1.544	1.539	1.560	2.133	1.786
1972	1.753	1.691	1.681	1.691	1.570	1.569	1.578	2.185	1.811
1973	2.031	1.944	1.903	1.944	1.900	1.795	1.830	2.266	2.157
1974	3.238	3.015	2.941	3.015	3.000	2.768	2.776	3.164	3.085
1975	3.416	3.161	3.366	3.161	3.116	2.912	2.880	3.797	3.165
1976	3.785	3.351	3.281	3.351	3.229	3.157	3.148	4.093	3.251
1977	4.422	3.747	3.850	3.747	3.769	3.691	3.659	4.429	3.708
1978	4.644	4.006	4.091	4.006	3.948	3.923	3.889	4.898	3.947
1979	6.668	5.329	5.525	5.329	5.636	5.405	5.359	8.024	4.385
1980	9.966	8.146	8.546	8.146	8.426	8.018	7.948	6.901	8.271
1981	12.120	10.536	10.798	10.536	10.345	9.813	9.728	12.814	10.138
1982	11.936	10.786	10.563	10.786	10.055	9.527	9.444	12.402	10.184

TABLE 3.20 (cont). Kerosene Prices: Residential Sector (\$/million Btu)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	1.401	1.649	1.388	1.581	1.715	1.491	3.340	1.562	1.424
1971	1.453	1.632	1.391	1.664	1.767	1.489	3.468	1.663	1.491
1972	1.480	1.627	1.398	1.691	1.811	1.526	3.282	1.649	1.480
1973	1.767	1.921	1.735	1.944	2.167	1.786	3.555	2.023	1.748
1974	2.730	2.672	2.634	3.015	3.295	2.874	4.617	3.036	2.798
1975	2.957	2.688	2.742	3.161	3.512	3.048	4.791	3.276	2.897
1976	3.199	2.987	3.036	3.351	3.779	3.182	4.767	3.432	3.109
1977	3.609	3.400	3.473	3.747	4.218	3.568	5.430	3.860	3.610
1978	3.859	3.613	3.691	4.006	4.470	3.794	5.770	4.091	3.781
1979	5.233	4.978	5.086	5.329	6.073	4.354	6.579	5.558	5.398
1980	7.958	7.385	7.544	8.146	9.273	7.963	12.151	8.487	8.069
1981	10.021	9.038	9.234	10.536	11.857	9.810	14.852	10.852	9.907
1982	9.933	8.774	8.964	10.786	11.861	9.828	14.911	10.855	9.630

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1970	1.414	2.793	1.566	1.704	1.576	1.566	1.620	1.296	2.619
1971	1.441	2.986	1.622	1.664	1.602	1.574	1.614	1.390	2.998
1972	1.414	3.260	1.582	1.691	1.615	1.612	1.673	1.408	3.175
1973	1.674	3.361	1.821	1.944	1.894	1.800	1.896	1.600	3.573
1974	2.781	3.748	2.886	3.015	2.982	2.776	3.160	2.694	4.599
1975	2.876	3.818	3.120	3.161	3.157	2.907	3.384	3.020	5.156
1976	3.087	3.868	3.262	3.351	3.312	3.139	3.463	3.144	4.767
1977	3.534	4.302	3.661	3.747	3.749	3.606	3.831	3.714	5.504
1978	3.737	4.531	3.880	4.006	4.009	3.832	4.236	3.900	5.858
1979	5.241	6.472	5.271	5.329	5.436	5.280	6.608	5.600	6.509
1980	7.954	9.775	8.049	8.146	8.268	7.832	6.520	8.369	12.276
1981	9.708	11.492	10.292	10.536	10.410	9.586	11.108	10.178	15.048
1982	9.576	11.681	10.295	10.786	10.320	9.306	10.711	10.023	15.115

YEAR	VA	VT	WA	WI	WV	WY	US
1970	1.441	1.628	2.465	1.468	1.637	1.702	1.536
1971	1.505	1.664	2.641	1.518	1.695	1.713	1.589
1972	1.509	1.691	2.779	1.584	1.719	1.973	1.592
1973	1.785	1.944	2.986	1.842	1.925	2.108	1.874
1974	2.758	3.015	3.468	2.806	2.953	3.085	2.919
1975	2.993	3.161	3.614	2.965	3.169	3.167	3.130
1976	3.184	3.351	4.026	3.107	3.427	3.252	3.320
1977	3.611	3.747	4.297	3.629	3.846	3.637	3.774
1978	3.861	4.006	4.526	3.800	4.113	3.871	4.032
1979	5.236	5.329	6.464	5.426	5.578	4.302	5.379
1980	7.963	8.146	9.763	8.111	8.483	8.113	7.974
1981	10.027	10.536	11.478	9.958	10.681	9.945	10.533
1982	9.939	10.786	11.667	9.680	10.588	9.989	10.373

Source: Pacific Northwest Laboratory

TABLE 3.21. Kerosene Prices: Industrial Sector (\$/million Btu)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1970	0.762	0.771	0.768	0.760	0.954	0.879	0.787	1.329	0.848
1971	0.783	0.829	0.811	0.781	0.981	0.875	0.836	1.349	0.861
1972	0.793	0.829	0.811	0.791	0.993	0.865	0.834	1.341	0.856
1973	1.057	0.912	1.075	1.054	1.323	1.141	1.066	1.543	0.985
1974	2.804	1.919	2.076	1.644	2.252	1.915	2.423	2.714	2.160
1975	3.020	2.188	2.338	2.356	2.491	2.115	2.669	2.790	2.363
1976	3.287	2.434	2.359	2.537	2.843	2.317	2.718	2.977	2.554
1977	3.652	2.757	3.022	2.633	2.967	2.343	2.989	3.539	2.939
1978	4.111	3.145	3.108	2.834	3.115	2.579	3.115	3.322	3.120
1979	5.757	5.299	4.362	4.098	4.885	3.785	4.684	5.281	4.497
1980	7.286	5.935	5.507	5.453	6.382	5.647	6.291	8.504	6.359
1981	9.782	8.106	7.148	6.642	7.739	6.825	8.785	9.579	8.219
1982	9.755	7.162	6.641	7.028	7.814	6.468	8.825	8.884	7.817

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	0.612	0.636	0.848	0.807	0.813	0.826	0.807	0.688	0.817
1971	0.661	0.679	0.872	0.833	0.836	0.853	0.833	0.735	0.873
1972	0.662	0.679	0.883	0.832	0.847	0.853	0.832	0.735	0.873
1973	0.678	0.805	1.176	1.128	1.128	1.156	1.128	0.877	1.041
1974	2.201	1.770	2.494	2.195	2.434	2.349	2.371	1.967	2.302
1975	2.376	2.220	2.503	2.330	2.587	2.506	2.412	2.302	2.478
1976	2.536	2.376	2.417	2.548	2.729	2.662	2.458	2.568	2.563
1977	2.942	2.931	3.065	2.781	2.770	3.024	2.894	2.770	2.826
1978	3.214	3.252	3.123	3.027	3.170	3.211	3.027	3.034	3.209
1979	4.616	4.787	4.877	4.461	4.583	4.863	4.662	4.736	5.800
1980	6.408	6.061	5.502	5.522	6.380	5.927	6.142	5.223	6.104
1981	8.276	8.234	7.717	7.677	7.894	8.005	7.766	7.243	8.558
1982	7.862	7.790	7.830	7.199	8.152	7.088	6.908	6.780	7.461

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1970	0.584	0.804	0.882	0.679	0.744	0.886	0.822	0.876	0.928
1971	0.625	0.853	0.895	0.721	0.758	0.881	0.879	0.937	0.922
1972	0.625	0.851	0.890	0.719	0.757	0.872	0.879	0.937	0.913
1973	0.745	1.099	1.024	0.910	0.863	1.150	1.048	1.116	1.204
1974	1.704	2.419	2.349	2.087	2.239	2.236	2.249	1.935	2.269
1975	2.026	2.618	2.532	2.555	2.449	2.581	2.438	1.821	2.633
1976	2.382	2.677	2.722	2.753	2.488	2.655	2.602	2.274	2.419
1977	2.540	2.974	3.019	3.124	2.978	2.973	2.888	2.803	2.631
1978	2.362	3.143	3.231	3.336	3.215	3.225	3.090	3.182	2.928
1979	3.904	4.710	4.757	4.540	5.084	4.804	5.032	5.144	4.467
1980	5.533	6.119	6.243	6.498	6.141	5.925	6.099	6.238	5.499
1981	6.597	8.811	8.527	8.982	7.987	8.171	7.774	7.998	7.815
1982	6.134	8.791	8.075	8.860	7.140	7.547	7.318	7.000	7.944

TABLE 3.21 (cont). Kerosene Prices: Industrial Sector (\$/million Btu)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	0.795	0.846	0.787	0.744	0.797	1.032	1.023	0.736	0.861
1971	0.794	0.840	0.842	0.790	0.847	1.061	1.052	0.784	0.878
1972	0.789	0.832	0.842	0.788	0.845	1.074	1.065	0.783	0.877
1973	0.984	1.097	1.004	0.997	0.934	1.431	1.419	0.951	0.999
1974	2.167	2.346	1.982	2.369	2.277	2.658	2.382	2.284	2.418
1975	2.370	2.947	2.429	2.547	2.503	2.799	2.519	2.505	2.484
1976	2.605	3.218	2.572	2.527	2.510	2.949	2.672	2.537	2.653
1977	2.980	2.964	2.725	2.920	2.868	3.263	2.987	2.904	3.002
1978	3.146	3.247	2.999	3.127	2.991	3.540	3.259	3.071	3.155
1979	4.575	5.200	4.813	4.451	4.628	5.039	4.816	5.025	5.108
1980	6.120	7.263	5.172	6.269	5.812	6.801	6.917	5.684	6.014
1981	7.949	9.155	7.295	8.349	8.007	9.139	7.996	8.743	8.250
1982	7.615	8.616	6.847	8.285	8.229	9.086	8.243	8.624	7.368

YEAR	OK	OK	PA	RI	SC	SD	TN	TX	UT
1970	0.618	0.916	0.738	0.775	0.632	0.777	0.810	0.743	0.680
1971	0.613	0.941	0.784	0.820	0.649	0.772	0.866	0.795	0.699
1972	0.605	0.953	0.782	0.818	0.646	0.765	0.866	0.795	0.708
1973	0.774	1.270	0.893	0.914	0.782	1.009	1.032	0.948	0.943
1974	2.388	2.328	2.279	2.327	2.256	2.493	2.228	2.146	2.081
1975	2.448	2.580	2.523	2.595	2.294	2.781	2.271	2.252	2.350
1976	2.711	2.855	2.524	2.408	2.498	2.912	2.471	2.845	2.603
1977	3.105	3.154	2.902	3.033	2.956	3.042	2.832	3.104	2.735
1978	3.346	3.279	2.980	3.230	3.192	3.438	3.164	3.323	2.812
1979	4.882	4.859	4.598	4.535	4.586	5.167	5.607	4.813	4.099
1980	6.423	6.535	6.014	6.176	5.146	5.917	6.184	6.886	5.820
1981	7.845	8.085	8.309	8.790	7.819	8.720	8.366	8.020	7.588
1982	7.074	8.118	8.125	8.876	7.470	8.019	7.346	7.429	7.522

YEAR	VA	VI	WA	WI	WV	WY	US
1970	0.652	0.912	0.837	0.828	0.774	0.846	0.774
1971	0.692	0.968	0.860	0.855	0.822	0.842	0.805
1972	0.691	0.966	0.871	0.854	0.820	0.833	0.806
1973	0.764	1.223	1.161	1.158	0.906	1.098	0.989
1974	2.042	2.405	1.875	2.311	2.177	2.575	2.142
1975	2.367	2.646	2.311	2.402	2.452	2.714	2.351
1976	2.484	2.892	2.628	2.618	2.606	2.865	2.599
1977	2.911	3.127	3.128	2.995	3.134	3.180	2.924
1978	3.097	3.245	3.436	3.147	3.312	3.455	3.085
1979	4.509	4.720	4.474	4.761	4.775	4.982	4.837
1980	5.941	6.390	7.045	5.716	6.852	8.765	6.302
1981	7.865	9.207	8.125	7.952	8.449	10.759	7.767
1982	7.529	9.072	8.209	7.110	8.037	9.505	7.361

Source: Pacific Northwest Laboratory

TABLE 3.22. Jet Fuel Prices: Transportation Sector (\$/million Btu)^(a)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1970	0.767	0.679	0.816	0.798	0.767	0.798	0.782	0.799	0.799
1971	0.806	0.714	0.858	0.839	0.806	0.839	0.822	0.840	0.840
1972	0.803	0.712	0.855	0.836	0.803	0.836	0.819	0.837	0.837
1973	0.953	0.844	1.014	0.991	0.953	0.991	0.972	0.993	0.993
1974	1.642	1.455	1.748	1.709	1.642	1.709	1.676	1.712	1.712
1975	2.142	1.898	2.279	2.229	2.142	2.229	2.185	2.233	2.233
1976	2.434	2.044	2.408	2.448	2.434	2.448	2.388	2.372	2.372
1977	2.742	2.376	2.804	2.843	2.742	2.843	2.747	2.802	2.802
1978	2.995	2.684	3.237	3.061	2.995	3.061	3.093	3.106	3.106
1979	3.967	3.630	4.483	4.281	3.967	4.281	4.145	4.336	4.336
1980	6.506	5.952	7.189	6.901	6.506	6.901	6.783	7.091	7.091
1981	7.556	7.470	7.601	7.669	7.556	7.669	7.796	7.612	7.612
1982	7.375	7.422	7.091	7.380	7.375	7.380	7.507	7.177	7.177

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	0.799	0.799	0.767	0.805	0.798	0.774	0.774	0.805	0.679
1971	0.840	0.840	0.806	0.846	0.839	0.813	0.813	0.846	0.714
1972	0.837	0.837	0.803	0.843	0.836	0.810	0.810	0.843	0.712
1973	0.993	0.993	0.953	1.000	0.991	0.962	0.962	1.000	0.844
1974	1.712	1.712	1.642	1.724	1.709	1.657	1.657	1.724	1.455
1975	2.233	2.233	2.142	2.248	2.229	2.162	2.162	2.248	1.898
1976	2.372	2.372	2.434	2.455	2.448	2.441	2.441	2.455	2.044
1977	2.802	2.802	2.742	2.882	2.843	2.763	2.763	2.882	2.376
1978	3.106	3.106	2.995	3.113	3.061	2.976	2.976	3.113	2.684
1979	4.336	4.336	3.967	4.319	4.281	4.064	4.064	4.319	3.630
1980	7.091	7.091	6.506	6.910	6.901	6.614	6.614	6.910	5.952
1981	7.612	7.612	7.556	7.673	7.669	7.547	7.547	7.673	7.470
1982	7.177	7.177	7.375	7.193	7.380	7.224	7.224	7.193	7.422

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1970	0.816	0.782	0.799	0.782	0.774	0.805	0.805	0.679	0.798
1971	0.858	0.822	0.840	0.822	0.813	0.846	0.846	0.714	0.839
1972	0.855	0.819	0.837	0.819	0.810	0.843	0.843	0.712	0.836
1973	1.014	0.972	0.993	0.972	0.962	1.000	1.000	0.844	0.991
1974	1.748	1.676	1.712	1.676	1.657	1.724	1.724	1.455	1.709
1975	2.279	2.185	2.233	2.185	2.162	2.248	2.248	1.898	2.229
1976	2.408	2.388	2.372	2.388	2.441	2.455	2.455	2.044	2.448
1977	2.804	2.747	2.802	2.747	2.763	2.882	2.882	2.376	2.843
1978	3.237	3.093	3.106	3.093	2.976	3.113	3.113	2.684	3.061
1979	4.483	4.145	4.336	4.145	4.064	4.319	4.319	3.630	4.281
1980	7.189	6.783	7.091	6.783	6.614	6.910	6.910	5.952	6.901
1981	7.601	7.796	7.612	7.796	7.547	7.673	7.673	7.470	7.669
1982	7.091	7.507	7.177	7.507	7.224	7.193	7.193	7.422	7.380

^(a) Data are wholesale regional prices assigned to states.

TABLE 3.22 (cont). Jet Fuel Prices: Transportation Sector (\$/million Btu)^(a)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	0.799	0.805	0.805	0.782	0.763	0.798	0.798	0.763	0.774
1971	0.840	0.846	0.846	0.822	0.802	0.839	0.839	0.802	0.813
1972	0.837	0.843	0.843	0.819	0.799	0.836	0.836	0.799	0.810
1973	0.993	1.000	1.000	0.972	0.948	0.991	0.991	0.948	0.962
1974	1.712	1.724	1.724	1.676	1.634	1.709	1.709	1.634	1.657
1975	2.233	2.248	2.248	2.185	2.131	2.229	2.229	2.131	2.162
1976	2.372	2.455	2.455	2.388	2.313	2.448	2.448	2.313	2.441
1977	2.802	2.882	2.882	2.747	2.656	2.843	2.843	2.656	2.763
1978	3.106	3.113	3.113	3.093	3.025	3.061	3.061	3.025	2.976
1979	4.336	4.319	4.319	4.145	4.079	4.281	4.281	4.079	4.064
1980	7.091	6.910	6.910	6.783	6.641	6.901	6.901	6.641	6.614
1981	7.612	7.673	7.673	7.796	7.488	7.669	7.669	7.488	7.547
1982	7.177	7.193	7.193	7.507	7.018	7.380	7.380	7.018	7.224

YEAR	OK	OK	PA	RI	SC	SD	TN	TX	UT
1970	0.816	0.767	0.763	0.782	0.799	0.805	0.679	0.816	0.798
1971	0.858	0.806	0.802	0.822	0.840	0.846	0.714	0.858	0.839
1972	0.855	0.803	0.799	0.819	0.837	0.843	0.712	0.855	0.836
1973	1.014	0.953	0.948	0.972	0.993	1.000	0.844	1.014	0.991
1974	1.748	1.642	1.634	1.676	1.712	1.724	1.455	1.748	1.709
1975	2.279	2.142	2.131	2.185	2.233	2.248	1.898	2.279	2.229
1976	2.408	2.434	2.313	2.388	2.372	2.455	2.044	2.408	2.448
1977	2.804	2.742	2.656	2.747	2.802	2.882	2.376	2.804	2.843
1978	3.237	2.995	3.025	3.093	3.106	3.113	2.684	3.237	3.061
1979	4.483	3.967	4.079	4.145	4.336	4.319	3.630	4.483	4.281
1980	7.189	6.506	6.641	6.783	7.091	6.910	5.952	7.189	6.901
1981	7.601	7.556	7.488	7.796	7.612	7.673	7.470	7.601	7.669
1982	7.091	7.375	7.018	7.507	7.177	7.193	7.422	7.091	7.380

YEAR	VA	VT	WA	WI	WV	WY	US
1970	0.799	0.782	0.767	0.774	0.799	0.798	0.778
1971	0.840	0.822	0.806	0.813	0.840	0.839	0.818
1972	0.837	0.819	0.803	0.810	0.837	0.836	0.816
1973	0.993	0.972	0.953	0.962	0.993	0.991	0.968
1974	1.712	1.676	1.642	1.657	1.712	1.709	1.669
1975	2.233	2.185	2.142	2.162	2.233	2.229	2.176
1976	2.372	2.388	2.434	2.441	2.372	2.448	2.393
1977	2.802	2.742	2.742	2.763	2.802	2.843	2.751
1978	3.106	3.093	2.995	2.976	3.106	3.061	3.044
1979	4.336	4.145	3.967	4.064	4.336	4.281	4.147
1980	7.091	6.783	6.506	6.614	7.091	6.901	6.764
1981	7.612	7.796	7.556	7.547	7.612	7.669	7.582
1982	7.177	7.507	7.375	7.224	7.177	7.380	7.228

Source: Pacific Northwest Laboratory

TABLE 3.23. Kerosene Prices: Electric Utility Sector (\$/million Btu)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1970	0.0	0.0	0.0	0.0	1.604	0.0	1.517	0.0	0.0
1971	0.0	0.0	0.0	0.0	1.627	0.0	1.542	0.0	0.0
1972	0.0	0.0	0.0	0.0	1.636	0.0	1.548	0.0	0.0
1973	0.0	0.0	0.0	0.0	1.768	0.0	1.667	0.0	0.0
1974	0.0	0.0	0.0	0.0	2.402	0.0	2.321	0.0	0.0
1975	0.0	0.0	0.0	2.589	2.374	0.0	2.419	0.0	0.0
1976	0.0	0.0	0.0	0.0	2.512	0.0	2.080	0.0	0.0
1977	0.0	0.0	0.0	0.0	2.639	0.0	2.285	0.0	0.0
1978	0.0	0.0	0.0	0.0	2.915	0.0	1.448	0.0	0.0
1979	0.0	0.0	0.0	0.0	3.333	0.0	4.315	0.0	0.0
1980	0.0	0.0	0.0	0.0	5.376	0.0	6.070	0.0	0.0
1981	0.0	0.0	0.0	0.0	8.026	0.0	8.010	0.0	0.0
1982	0.0	0.0	0.0	0.0	0.0	0.0	8.458	0.0	0.0

YEAR	FL	GA	HJ	IA	ID	IL	IN	KS	KY
1970	0.0	0.0	0.0	0.0	0.0	1.661	0.0	0.0	0.0
1971	0.0	0.0	0.0	0.0	0.0	1.685	0.0	0.0	0.0
1972	0.0	0.0	0.0	0.0	0.0	1.693	0.0	0.0	0.0
1973	0.0	0.0	0.0	0.0	0.0	1.833	0.0	0.0	0.0
1974	0.0	0.0	0.0	0.0	0.0	2.509	0.0	0.0	0.0
1975	2.454	0.0	0.0	0.0	0.0	2.503	0.0	0.0	0.0
1976	0.0	0.0	0.0	0.0	0.0	2.611	0.0	0.0	0.0
1977	0.0	0.0	0.0	0.0	0.0	2.993	2.490	0.0	0.0
1978	0.0	0.0	0.0	0.0	0.0	3.093	0.0	0.0	0.0
1979	0.0	0.0	0.0	0.0	0.0	5.126	0.0	0.0	0.0
1980	0.0	0.0	0.0	0.0	0.0	9.895	0.0	0.0	0.0
1981	0.0	0.0	0.0	0.0	0.0	8.490	0.0	0.0	0.0
1982	0.0	0.0	0.0	0.0	0.0	8.252	0.0	0.0	0.0

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1970	0.0	1.603	1.576	0.0	1.561	0.0	0.0	0.0	0.0
1971	0.0	1.626	1.595	0.0	1.584	0.0	0.0	0.0	0.0
1972	0.0	1.634	1.604	0.0	1.591	0.0	0.0	0.0	0.0
1973	0.0	1.766	1.732	0.0	1.714	0.0	0.0	0.0	0.0
1974	0.0	2.312	2.268	0.0	2.259	0.0	0.0	0.0	0.0
1975	0.0	2.376	2.426	0.0	2.279	0.0	0.0	0.0	0.0
1976	0.0	2.594	2.413	0.0	2.488	0.0	0.0	0.0	0.0
1977	0.0	2.843	2.740	0.0	2.908	0.0	0.0	0.0	0.0
1978	0.0	3.145	2.811	0.0	2.958	0.0	0.0	0.0	0.0
1979	0.0	4.919	0.0	0.0	5.334	0.0	0.0	0.0	0.0
1980	0.0	6.538	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	0.0	7.434	7.574	0.0	0.0	0.0	0.0	0.0	0.0
1982	0.0	7.760	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 3.23 (cont). Kerosene Prices: Electric Utility Sector (\$/million Btu)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	0.0	0.0	0.0	1.544	1.554	0.0	0.0	1.593	1.616
1971	0.0	0.0	0.0	1.564	1.576	0.0	0.0	1.616	1.640
1972	0.0	0.0	0.0	1.570	1.582	0.0	0.0	1.624	1.647
1973	0.0	0.0	0.0	1.693	1.705	0.0	0.0	1.753	1.782
1974	0.0	0.0	0.0	2.115	2.283	0.0	0.0	2.345	2.333
1975	0.0	0.0	0.0	2.320	2.293	0.0	0.0	2.357	2.414
1976	0.0	0.0	0.0	2.479	2.403	0.0	0.0	2.518	2.612
1977	0.0	0.0	0.0	2.876	2.779	0.0	0.0	2.797	3.083
1978	0.0	0.0	0.0	3.148	2.982	0.0	0.0	2.812	3.010
1979	0.0	0.0	0.0	5.776	4.620	0.0	0.0	4.477	0.0
1980	0.0	0.0	0.0	6.920	6.195	0.0	0.0	6.530	0.0
1981	0.0	0.0	0.0	8.171	7.826	0.0	0.0	8.572	0.0
1982	0.0	0.0	0.0	7.925	7.656	0.0	0.0	8.203	0.0

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1970	0.0	0.0	1.645	0.0	0.0	0.0	0.0	0.0	0.0
1971	0.0	0.0	1.670	0.0	0.0	0.0	0.0	0.0	0.0
1972	0.0	0.0	1.676	0.0	0.0	0.0	0.0	0.0	0.0
1973	0.0	0.0	1.816	0.0	0.0	0.0	0.0	0.0	0.0
1974	0.0	2.455	2.387	0.0	0.0	0.0	0.0	0.0	0.0
1975	0.0	0.0	2.535	0.0	0.0	0.0	0.0	0.0	0.0
1976	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1977	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1978	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1979	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	0.0	0.0	8.239	0.0	0.0	0.0	0.0	0.0	0.0
1982	0.0	0.0	8.113	0.0	0.0	0.0	0.0	0.0	0.0

YEAR	VA	VT	WA	WI	WV	WY	US
1970	0.0	1.640	1.747	1.548	1.679	0.0	1.394
1971	0.0	1.664	1.782	1.570	1.705	0.0	1.414
1972	0.0	1.673	1.797	1.575	1.713	0.0	1.421
1973	0.0	1.810	1.939	1.698	1.853	0.0	1.535
1974	0.0	2.421	2.626	1.902	2.474	0.0	2.366
1975	0.0	2.550	2.654	2.453	2.565	0.0	2.389
1976	0.0	2.535	2.660	2.572	2.685	0.0	2.508
1977	0.0	3.207	2.770	2.674	3.014	0.0	2.756
1978	0.0	0.0	2.959	0.0	3.332	0.0	2.937
1979	0.0	6.611	4.968	0.0	6.263	0.0	4.265
1980	0.0	6.842	0.0	0.0	6.787	0.0	6.063
1981	0.0	8.220	0.0	0.0	8.276	0.0	7.874
1982	0.0	7.984	0.0	0.0	7.488	0.0	7.743

Source: Pacific Northwest Laboratory

TABLE 3.24. Residual Fuel Prices: Commercial Sector (\$/million Btu)^(a)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1970	0.456	0.532	0.456	0.408	0.452	0.384	0.443	0.668	0.516
1971	0.595	0.672	0.592	0.597	0.584	0.530	0.620	0.872	0.673
1972	0.647	0.714	0.629	0.610	0.629	0.571	0.687	0.943	0.720
1973	0.777	0.840	0.750	0.749	0.750	0.700	0.852	1.128	0.859
1974	1.545	1.766	1.558	1.350	1.687	1.592	2.069	2.341	1.926
1975	1.890	1.781	1.667	1.910	1.693	1.462	2.168	2.625	1.908
1976	1.938	1.753	1.680	1.938	1.611	1.825	2.103	2.540	1.836
1977	1.947	2.029	1.869	2.021	1.932	1.890	2.385	2.544	2.226
1978	1.925	1.988	1.858	2.166	1.802	1.973	2.364	3.232	2.100
1979	2.680	2.659	2.554	2.596	2.515	2.918	3.800	4.700	3.230
1980	4.836	3.548	3.425	4.598	3.674	4.444	5.288	7.964	4.870
1981	5.945	5.071	4.879	5.143	4.819	3.956	6.398	8.603	5.474
1982	5.055	4.316	4.202	4.845	4.502	3.926	5.163	6.627	4.710

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	0.336	0.364	0.533	0.534	0.390	0.570	0.441	0.432	0.400
1971	0.511	0.522	0.695	0.691	0.560	0.722	0.605	0.590	0.613
1972	0.535	0.571	0.736	0.743	0.625	0.797	0.653	0.627	0.641
1973	0.672	0.712	0.876	0.886	0.784	0.952	0.798	0.761	0.805
1974	1.472	1.797	1.744	1.792	2.155	2.167	1.869	1.547	1.721
1975	1.791	1.729	1.960	1.958	2.051	2.183	1.900	1.880	2.160
1976	1.738	1.762	2.015	2.140	1.685	2.100	1.819	1.869	2.094
1977	2.052	2.132	2.142	2.178	2.168	2.349	2.111	2.062	2.398
1978	1.879	1.928	2.217	2.226	2.428	2.332	2.246	1.908	2.365
1979	2.834	2.700	3.259	2.838	2.783	3.269	3.075	2.552	3.176
1980	3.997	3.996	4.445	3.348	4.370	4.396	3.987	4.660	4.161
1981	4.808	5.090	5.644	5.089	5.770	5.539	4.977	5.812	5.926
1982	4.225	4.471	5.282	4.093	5.322	4.686	4.258	4.464	5.113

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1970	0.575	0.487	0.470	0.362	0.484	0.454	0.463	0.420	0.487
1971	0.685	0.693	0.636	0.535	0.664	0.625	0.649	0.558	0.516
1972	0.747	0.713	0.700	0.583	0.695	0.652	0.665	0.609	0.713
1973	0.866	0.866	0.856	0.733	0.838	0.787	0.804	0.740	0.866
1974	1.864	2.036	2.030	1.869	1.762	1.705	1.635	1.726	1.978
1975	1.758	2.101	2.128	1.856	2.023	1.778	1.861	1.805	2.101
1976	1.783	2.013	2.008	1.815	1.870	1.761	1.846	1.669	2.032
1977	2.041	2.301	2.357	2.226	2.244	2.100	2.211	1.988	2.327
1978	1.760	2.184	2.200	2.086	2.176	2.124	2.115	1.850	2.205
1979	2.816	3.389	3.660	3.157	2.603	2.892	2.786	2.570	3.121
1980	4.282	4.813	5.079	4.460	3.753	3.451	3.595	3.277	3.813
1981	5.109	6.108	5.918	5.787	4.982	4.218	5.027	4.961	4.722
1982	4.577	5.335	5.039	4.964	4.428	3.974	4.506	4.296	4.358

(a) Data for 1982 are provisional estimates and will be updated when data from Annual Survey of Manufactures become available.

TABLE 3.24 (cont). Residual Fuel Prices: Commercial Sector (\$/million Btu)^(a)

YEAR	NC	ND	NE	NH	NJ	NP	NV	NY	OH
1970	0.414	0.962	0.423	0.455	0.523	0.487	0.487	0.483	0.495
1971	0.592	1.070	0.662	0.633	0.696	0.653	0.813	0.665	0.675
1972	0.637	1.090	0.622	0.661	0.760	0.713	0.713	0.708	0.730
1973	0.788	1.180	0.758	0.801	0.921	0.866	0.866	0.861	0.890
1974	1.822	1.674	1.170	1.739	2.108	1.978	1.978	1.868	2.048
1975	1.965	1.979	1.781	1.895	2.194	2.101	2.101	2.056	2.215
1976	1.959	1.843	1.951	1.804	2.142	2.032	2.032	2.023	2.002
1977	2.282	1.975	2.344	2.216	2.447	2.327	2.327	2.326	2.378
1978	2.136	2.030	2.051	2.091	2.351	2.205	2.205	2.296	2.388
1979	2.993	2.818	2.535	3.092	3.731	3.748	2.783	3.133	3.061
1980	4.327	4.163	3.639	4.594	5.456	5.722	4.355	4.394	3.847
1981	5.481	4.929	5.058	5.713	6.417	7.035	5.808	5.985	5.386
1982	4.727	3.877	4.882	4.945	5.512	6.000	5.405	5.089	4.782

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1970	0.487	0.402	0.523	0.420	0.329	0.636	0.342	0.299	0.591
1971	0.595	0.551	0.680	0.605	0.519	0.797	0.503	0.483	0.682
1972	0.713	0.600	0.748	0.661	0.547	0.826	0.566	0.496	0.760
1973	0.866	0.736	0.901	0.824	0.695	0.956	0.719	0.631	0.878
1974	1.978	1.630	2.118	1.966	1.615	1.752	1.801	1.339	1.966
1975	2.101	1.890	2.114	2.097	1.858	2.062	1.936	1.547	1.822
1976	2.032	1.783	1.996	2.063	1.851	1.917	1.931	1.828	1.770
1977	2.327	1.983	2.331	2.337	2.211	2.205	2.111	1.973	2.103
1978	2.205	1.945	2.266	2.376	2.031	2.161	2.108	1.969	1.542
1979	2.692	2.555	3.335	3.417	2.738	2.523	2.805	3.009	2.626
1980	6.008	3.945	4.732	4.934	4.103	3.877	3.907	4.286	4.314
1981	7.696	5.359	6.151	6.181	5.105	4.382	5.340	4.906	4.075
1982	5.750	4.668	5.193	4.896	4.444	4.095	4.639	4.379	4.050

YEAR	VA	VT	WA	WI	WV	WY	US
1970	0.278	0.487	0.416	0.513	0.523	0.487	0.499
1971	0.460	0.659	0.551	0.691	0.654	0.653	0.664
1972	0.503	0.712	0.600	0.728	0.727	0.713	0.707
1973	0.656	0.864	0.727	0.875	0.866	0.866	0.866
1974	1.688	2.033	1.563	1.786	2.079	1.978	1.929
1975	1.849	1.971	1.822	2.108	1.965	2.101	2.033
1976	1.825	1.986	1.709	1.989	1.788	2.032	1.980
1977	2.157	2.347	1.859	2.285	2.116	2.327	2.268
1978	2.042	2.267	1.871	2.226	2.113	2.205	2.221
1979	2.930	3.185	2.579	2.806	2.444	3.121	3.101
1980	4.161	4.663	3.909	3.847	3.866	4.653	4.440
1981	5.165	6.180	5.158	5.118	5.307	5.509	5.481
1982	4.449	5.237	4.782	4.288	4.480	4.581	4.872

Source: Pacific Northwest Laboratory

TABLE 3.25. Residual Fuel Prices: Industrial Sector (\$/million Btu)^(a)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1970	0.446	0.520	0.446	0.399	0.442	0.376	0.433	0.654	0.505
1971	0.582	0.657	0.579	0.584	0.571	0.519	0.606	0.853	0.659
1972	0.632	0.698	0.616	0.597	0.615	0.558	0.672	0.922	0.704
1973	0.760	0.821	0.733	0.732	0.734	0.684	0.833	1.103	0.840
1974	1.511	1.727	1.524	1.320	1.649	1.557	2.023	2.289	1.883
1975	1.848	1.742	1.630	1.867	1.656	1.430	2.120	2.567	1.866
1976	1.917	1.734	1.662	1.917	1.594	1.805	2.081	2.512	1.816
1977	1.890	1.969	1.813	1.961	1.875	1.834	2.314	2.469	2.160
1978	1.907	1.969	1.840	2.146	1.785	1.955	2.341	3.202	2.081
1979	2.408	2.389	2.294	2.332	2.259	2.621	3.413	4.222	2.901
1980	4.160	3.052	2.946	3.955	3.160	3.822	4.548	6.850	4.188
1981	5.422	4.036	4.633	3.856	4.017	4.243	5.738	7.847	5.142
1982	4.839	4.132	4.023	4.638	4.310	3.759	4.943	6.345	4.509

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	0.329	0.356	0.521	0.522	0.382	0.558	0.431	0.423	0.391
1971	0.499	0.511	0.679	0.676	0.547	0.706	0.592	0.577	0.600
1972	0.524	0.558	0.720	0.727	0.611	0.780	0.639	0.613	0.627
1973	0.657	0.696	0.856	0.867	0.767	0.931	0.781	0.744	0.787
1974	1.440	1.758	1.705	1.753	2.108	2.119	1.828	1.513	1.683
1975	1.751	1.691	1.917	1.915	2.006	2.135	1.858	1.839	2.112
1976	1.719	1.743	1.993	2.117	1.667	2.077	1.799	1.848	2.071
1977	1.991	2.069	2.079	2.114	2.104	2.279	2.049	2.001	2.327
1978	1.861	1.910	2.197	2.205	2.405	2.310	2.225	1.890	2.343
1979	2.546	2.426	2.928	2.549	2.500	2.937	2.762	2.293	2.853
1980	3.438	3.438	3.824	2.879	3.759	3.782	3.430	4.008	3.579
1981	4.587	4.703	4.531	3.231	4.367	4.582	4.449	4.037	4.683
1982	4.045	4.280	5.057	3.919	5.095	4.486	4.077	4.274	4.895

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1970	0.562	0.476	0.459	0.354	0.473	0.444	0.453	0.410	0.476
1971	0.670	0.678	0.622	0.523	0.649	0.611	0.635	0.546	0.504
1972	0.730	0.697	0.684	0.570	0.679	0.637	0.651	0.596	0.697
1973	0.847	0.847	0.837	0.717	0.820	0.770	0.786	0.723	0.847
1974	1.823	1.991	1.985	1.828	1.723	1.667	1.599	1.688	1.934
1975	1.719	2.055	2.081	1.815	1.979	1.739	1.820	1.766	2.054
1976	1.764	1.991	1.987	1.796	1.850	1.742	1.826	1.651	2.010
1977	1.980	2.233	2.287	2.160	2.178	2.038	2.146	1.929	2.258
1978	1.743	2.163	2.179	2.066	2.155	2.104	2.095	1.832	2.184
1979	2.530	3.044	3.288	2.836	2.338	2.598	2.503	2.309	2.804
1980	3.683	4.140	4.364	3.837	3.228	2.969	3.092	2.819	3.280
1981	4.585	4.960	5.257	5.000	4.090	4.291	3.755	4.313	4.186
1982	4.382	5.108	4.825	4.753	4.240	3.804	4.314	4.113	4.173

^(a) Data for 1982 are provisional estimates and will be updated when data from Annual Survey of Manufactures become available.

TABLE 3.25 (cont). Residual Fuel Prices: Industrial Sector (\$/million Btu)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	0.405	0.941	0.413	0.445	0.511	0.476	0.476	0.473	0.484
1971	0.579	1.047	0.647	0.619	0.681	0.638	0.795	0.651	0.660
1972	0.623	1.066	0.608	0.646	0.743	0.697	0.697	0.693	0.714
1973	0.771	1.154	0.742	0.783	0.901	0.847	0.847	0.842	0.870
1974	1.782	1.637	1.144	1.700	2.061	1.934	1.934	1.847	2.003
1975	1.921	1.936	1.742	1.853	2.146	2.054	2.054	2.011	2.166
1976	1.937	1.823	1.929	1.785	2.119	2.010	2.010	2.001	1.980
1977	2.214	1.917	2.275	2.151	2.375	2.258	2.258	2.257	2.308
1978	2.116	2.011	2.031	2.071	2.329	2.184	2.184	2.275	2.365
1979	2.688	2.531	2.277	2.778	3.352	3.367	2.500	2.815	2.749
1980	3.722	3.581	3.130	3.951	4.693	4.922	3.746	3.779	3.309
1981	4.813	3.809	5.676	5.101	4.883	6.416	4.820	4.825	4.568
1982	4.526	3.712	4.674	4.735	5.278	5.744	5.175	4.872	4.579

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1970	0.476	0.394	0.511	0.411	0.321	0.622	0.334	0.292	0.578
1971	0.582	0.539	0.665	0.592	0.507	0.779	0.492	0.472	0.667
1972	0.697	0.587	0.731	0.646	0.535	0.808	0.554	0.465	0.743
1973	0.847	0.720	0.881	0.806	0.680	0.935	0.703	0.617	0.858
1974	1.934	1.594	2.071	1.923	1.579	1.713	1.761	1.309	1.923
1975	2.054	1.848	2.068	2.050	1.816	2.017	1.893	1.513	1.782
1976	2.010	1.764	1.974	2.041	1.831	1.896	1.910	1.809	1.751
1977	2.258	1.925	2.262	2.268	2.146	2.139	2.049	1.915	2.041
1978	2.184	1.924	2.244	2.354	2.012	2.141	2.088	1.950	1.527
1979	2.418	2.295	2.996	3.070	2.459	2.267	2.519	2.703	2.359
1980	5.168	3.393	4.071	4.244	3.529	3.335	3.360	3.687	3.711
1981	4.337	3.863	4.978	4.966	4.791	3.997	4.309	3.985	4.777
1982	5.505	4.470	4.971	4.687	4.255	3.920	4.441	4.192	3.877

YEAR	VA	VT	WA	WI	WV	WY	US
1970	0.272	0.476	0.407	0.501	0.512	0.476	0.459
1971	0.450	0.644	0.539	0.676	0.639	0.638	0.608
1972	0.492	0.696	0.587	0.712	0.711	0.697	0.656
1973	0.641	0.845	0.711	0.856	0.847	0.847	0.796
1974	1.651	1.988	1.529	1.747	2.033	1.934	1.819
1975	1.809	1.928	1.782	2.061	1.921	2.054	1.902
1976	1.805	1.964	1.691	1.968	1.769	2.010	1.878
1977	2.093	2.278	1.804	2.217	2.053	2.258	2.127
1978	2.023	2.246	1.853	2.205	2.093	2.184	2.088
1979	2.632	2.861	2.316	2.520	2.196	2.804	2.771
1980	3.579	4.011	3.363	3.309	3.326	4.002	3.720
1981	4.743	4.957	4.046	4.173	4.682	5.024	4.522
1982	4.259	5.013	4.579	4.105	4.289	4.386	4.514

Source: Pacific Northwest Laboratory

TABLE 3.26. Residual Fuel Prices: Transportation Sector (\$/million Btu)^(a)

YEAR	AK	AL	AR	AZ	CA	CU	CT	DC	DE
1970	0.369	0.431	0.0	0.0	0.366	0.384	0.359	0.0	0.418
1971	0.482	0.544	0.0	0.0	0.473	0.530	0.502	0.0	0.545
1972	0.524	0.578	0.0	0.0	0.509	0.571	0.556	0.0	0.583
1973	0.630	0.680	0.0	0.0	0.608	0.700	0.690	0.0	0.696
1974	1.251	1.430	0.0	0.0	1.366	1.592	1.675	0.0	1.559
1975	1.529	1.441	0.0	0.0	1.370	1.462	1.754	0.0	1.544
1976	1.621	1.467	0.0	0.0	1.348	1.825	1.760	0.0	1.537
1977	1.586	1.653	0.0	0.0	1.574	1.890	1.943	0.0	1.813
1978	1.494	1.543	0.0	0.0	1.398	1.973	1.834	0.0	1.630
1979	2.219	2.201	0.0	0.0	2.082	2.918	3.146	0.0	2.674
1980	3.730	2.737	0.0	0.0	2.834	4.444	4.079	0.0	3.756
1981	4.730	4.035	0.0	0.0	3.834	3.956	5.091	0.0	4.355
1982	0.0	3.583	0.0	0.0	3.738	0.0	4.286	0.0	3.910

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	0.272	0.295	0.431	0.534	0.0	0.506	0.357	0.432	0.0
1971	0.414	0.423	0.562	0.691	0.0	0.641	0.490	0.590	0.0
1972	0.434	0.462	0.596	0.743	0.0	0.708	0.529	0.627	0.0
1973	0.544	0.576	0.709	0.886	0.0	0.845	0.646	0.761	0.0
1974	1.192	1.455	1.412	1.792	0.0	1.924	1.513	1.547	0.0
1975	1.449	1.399	1.586	1.958	0.0	1.937	1.537	1.880	0.0
1976	1.455	1.475	1.686	2.140	0.0	1.898	1.522	1.869	0.0
1977	1.672	1.737	1.745	2.178	0.0	2.092	1.720	2.062	0.0
1978	1.458	1.496	1.721	2.226	0.0	2.024	1.743	1.908	0.0
1979	2.346	2.235	2.698	2.838	0.0	3.269	2.546	2.552	0.0
1980	3.083	3.083	3.429	3.348	0.0	4.396	3.076	4.660	0.0
1981	3.826	4.050	4.491	5.089	0.0	5.539	3.960	5.812	0.0
1982	3.508	3.711	4.385	0.0	0.0	4.477	3.535	0.0	0.0

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1970	0.465	0.394	0.380	0.293	0.392	0.367	0.463	0.340	0.0
1971	0.555	0.561	0.515	0.433	0.537	0.506	0.649	0.452	0.0
1972	0.605	0.577	0.566	0.472	0.562	0.528	0.665	0.494	0.0
1973	0.701	0.701	0.693	0.594	0.679	0.637	0.804	0.599	0.0
1974	1.509	1.649	1.644	1.513	1.426	1.380	1.635	1.397	0.0
1975	1.422	1.700	1.721	1.501	1.637	1.438	1.861	1.461	0.0
1976	1.492	1.685	1.681	1.519	1.565	1.473	1.846	1.397	0.0
1977	1.662	1.875	1.920	1.813	1.828	1.710	2.211	1.620	0.0
1978	1.366	1.695	1.707	1.619	1.688	1.648	2.115	1.435	0.0
1979	2.332	2.805	3.030	2.613	2.155	2.394	2.786	2.128	0.0
1980	3.303	3.712	3.918	3.441	2.895	2.662	3.595	2.528	0.0
1981	4.065	4.860	4.709	4.605	3.964	3.357	5.027	3.948	0.0
1982	3.799	4.429	4.184	4.121	3.817	3.345	3.740	3.566	0.0

^(a) Data for 1982 are provisional estimates and will be updated when data from Annual Survey of Manufactures become available.

TABLE 3.26 (cont). Residual Fuel Prices: Transportation Sector (\$/million Btu)^(a)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	0.336	0.0	0.423	0.0	0.423	0.0	0.0	0.392	0.401
1971	0.479	0.0	0.662	0.0	0.564	0.0	0.0	0.539	0.547
1972	0.516	0.0	0.622	0.0	0.616	0.0	0.0	0.574	0.591
1973	0.638	0.0	0.758	0.0	0.746	0.0	0.0	0.698	0.721
1974	1.475	0.0	1.170	0.0	1.707	0.0	0.0	1.529	1.658
1975	1.590	0.0	1.781	0.0	1.775	0.0	0.0	1.663	1.792
1976	1.639	0.0	1.951	0.0	1.792	0.0	0.0	1.693	1.675
1977	1.859	0.0	2.344	0.0	1.993	0.0	0.0	1.895	1.937
1978	1.657	0.0	2.051	0.0	1.824	0.0	0.0	1.782	1.853
1979	2.477	0.0	2.535	0.0	3.089	0.0	0.0	2.594	2.534
1980	3.338	0.0	3.639	0.0	4.209	0.0	0.0	3.389	2.967
1981	4.361	0.0	5.058	0.0	5.106	0.0	0.0	4.762	4.286
1982	3.924	0.0	0.0	4.105	4.576	0.0	0.0	4.225	3.970

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1970	0.0	0.326	0.423	0.340	0.266	0.0	0.0	0.242	0.0
1971	0.0	0.447	0.551	0.490	0.420	0.0	0.0	0.391	0.0
1972	0.0	0.486	0.606	0.535	0.443	0.0	0.0	0.402	0.0
1973	0.0	0.596	0.730	0.667	0.563	0.0	0.0	0.511	0.0
1974	0.0	1.320	1.715	1.592	1.308	0.0	0.0	1.084	0.0
1975	0.0	1.529	1.711	1.696	1.503	0.0	0.0	1.251	0.0
1976	0.0	1.492	1.670	1.726	1.549	0.0	0.0	1.530	0.0
1977	0.0	1.616	1.899	1.904	1.801	0.0	0.0	1.608	0.0
1978	0.0	1.509	1.758	1.844	1.576	0.0	0.0	1.528	0.0
1979	0.0	2.115	2.761	2.829	2.266	0.0	0.0	2.491	0.0
1980	0.0	3.043	3.651	3.806	3.165	0.0	0.0	3.306	0.0
1981	0.0	4.264	4.894	4.918	4.062	0.0	0.0	3.904	0.0
1982	0.0	3.876	4.311	4.064	3.690	0.0	4.639	3.635	0.0

YEAR	VA	VT	WA	WI	WV	WY	US
1970	0.225	0.0	0.337	0.415	0.0	0.487	0.358
1971	0.373	0.0	0.447	0.560	0.0	0.653	0.489
1972	0.407	0.0	0.486	0.590	0.0	0.713	0.526
1973	0.531	0.0	0.589	0.708	0.0	0.866	0.638
1974	1.367	0.0	1.266	1.446	0.0	1.978	1.411
1975	1.496	0.0	1.474	1.705	0.0	2.101	1.453
1976	1.527	0.0	1.430	1.665	0.0	2.032	1.521
1977	1.757	0.0	1.514	1.861	0.0	2.327	1.683
1978	1.585	0.0	1.452	1.727	0.0	2.205	1.511
1979	2.425	0.0	2.135	2.323	0.0	3.121	2.375
1980	3.210	0.0	3.016	2.968	0.0	4.653	3.180
1981	4.110	0.0	4.105	4.072	0.0	5.509	4.111
1982	3.693	0.0	3.970	3.665	0.0	4.581	3.842

Source: Pacific Northwest Laboratory

TABLE 3.27. Residual Fuel Prices: Electric Utility Sector (\$/million Btu)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1970	0.0	0.0	0.419	0.614	0.398	0.357	0.373	0.462	0.459
1971	0.0	0.0	0.592	0.576	0.623	0.522	0.534	0.671	0.666
1972	0.0	0.0	0.638	0.869	0.784	0.522	0.649	0.670	0.665
1973	0.0	0.0	0.712	1.018	0.941	0.836	0.853	0.766	0.808
1974	0.0	0.0	1.642	1.777	2.009	1.822	2.059	1.999	2.033
1975	0.0	0.0	1.858	2.085	2.497	1.938	2.021	2.010	1.966
1976	0.0	0.0	1.916	2.246	2.339	1.639	1.936	1.914	1.910
1977	0.0	0.0	2.001	2.281	2.372	1.919	2.238	2.234	2.195
1978	0.0	0.0	1.925	2.232	2.580	1.819	2.124	2.109	2.054
1979	0.0	0.0	2.501	2.865	3.144	2.476	3.320	3.290	3.265
1980	0.0	0.0	3.344	4.437	5.029	4.384	4.699	4.494	4.271
1981	0.0	0.0	3.560	5.049	6.624	4.378	5.560	4.959	5.148
1982	0.0	0.0	3.982	5.210	6.770	0.0	4.745	0.0	4.651

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	0.325	0.305	0.387	0.555	0.0	0.596	0.0	0.496	0.0
1971	0.420	0.525	0.464	0.620	0.0	0.602	0.0	0.643	0.0
1972	0.506	0.489	0.524	0.619	0.0	0.649	0.0	0.625	0.0
1973	0.681	0.563	0.639	0.828	0.0	0.674	0.0	0.800	0.0
1974	1.799	1.567	0.752	0.0	0.0	1.242	0.0	1.568	0.0
1975	1.855	1.738	1.503	0.0	0.0	1.350	0.0	1.604	0.0
1976	1.814	1.755	1.562	0.0	0.0	2.037	0.0	1.628	0.0
1977	2.121	2.049	1.859	0.0	0.0	2.445	0.0	1.996	0.0
1978	1.978	1.940	2.198	0.0	0.0	2.531	0.0	1.812	0.0
1979	2.882	2.785	2.552	0.0	0.0	3.822	0.0	2.106	0.0
1980	3.717	3.471	3.737	0.0	0.0	5.600	0.0	4.574	0.0
1981	4.741	4.231	6.564	0.0	0.0	7.345	0.0	4.593	0.0
1982	4.302	3.744	6.569	0.0	0.0	7.062	0.0	3.684	0.0

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1970	0.494	0.373	0.432	0.341	0.625	0.731	0.542	0.472	0.326
1971	0.515	0.630	0.628	0.386	0.728	0.801	0.645	0.698	0.164
1972	0.693	0.666	0.627	0.373	0.765	0.801	0.550	0.687	0.537
1973	0.738	0.725	0.726	0.389	0.780	0.876	0.768	0.880	1.013
1974	1.656	1.948	1.842	1.617	1.726	1.821	1.768	1.616	1.172
1975	1.730	1.927	1.851	1.776	1.969	1.951	1.760	1.684	0.0
1976	1.732	1.811	1.801	1.758	2.166	1.748	1.722	1.696	0.0
1977	1.891	2.117	2.137	2.050	2.612	2.047	1.981	1.790	2.144
1978	1.820	1.895	1.989	2.063	2.626	2.041	1.978	1.762	0.0
1979	2.700	2.791	3.016	2.857	3.157	2.551	2.408	2.180	0.0
1980	3.576	3.837	4.211	4.381	4.103	4.438	3.452	3.028	0.0
1981	4.362	4.738	5.040	5.312	5.672	5.360	4.503	3.786	0.0
1982	3.907	4.210	4.575	4.825	4.931	4.653	4.356	3.815	0.0

TABLE 3.27 (cont). Residual Fuel Prices: Electric Utility Sector (\$/million Btu)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	0.705	0.0	0.485	0.339	0.449	0.250	0.601	0.414	0.681
1971	0.760	0.0	0.573	0.342	0.701	0.461	0.739	0.530	0.722
1972	0.566	0.0	0.732	0.397	0.722	0.639	0.813	0.614	0.741
1973	0.604	0.0	0.650	0.585	0.885	0.771	1.148	0.798	0.854
1974	1.770	0.0	1.663	1.920	2.132	1.594	1.955	2.027	2.251
1975	1.775	0.0	1.734	1.839	2.117	1.708	1.982	1.942	2.182
1976	0.0	0.0	1.750	1.741	2.024	1.838	2.011	1.906	1.880
1977	0.0	0.0	1.790	2.057	2.320	2.042	2.145	2.188	2.386
1978	1.909	0.0	1.676	1.927	2.201	2.187	2.024	2.033	2.430
1979	0.0	0.0	2.245	2.691	3.371	3.191	2.673	2.961	2.929
1980	0.0	0.0	3.214	3.803	4.790	4.347	3.584	4.249	3.579
1981	0.0	0.0	5.812	4.658	5.584	5.989	4.756	5.097	4.947
1982	0.0	0.0	0.0	4.122	5.168	5.805	4.169	4.685	5.217

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1970	0.471	0.0	0.465	0.433	0.456	0.694	0.0	0.530	0.252
1971	0.434	0.0	0.712	0.658	0.681	0.787	0.0	0.561	0.259
1972	0.545	0.0	0.723	0.657	0.714	0.776	0.0	0.765	0.268
1973	0.704	0.0	0.865	0.706	0.613	0.793	0.0	0.849	0.648
1974	1.639	0.0	2.003	1.930	1.133	1.662	0.0	1.551	1.633
1975	1.461	0.0	2.072	1.838	1.143	2.190	0.0	1.883	1.590
1976	1.525	0.0	1.988	1.841	1.419	1.692	0.0	1.769	1.484
1977	1.962	0.0	2.300	2.067	1.731	1.835	0.0	1.949	1.977
1978	0.0	0.0	2.206	2.042	1.895	2.024	0.0	1.878	1.687
1979	2.234	0.0	3.251	3.187	2.602	2.218	0.0	2.339	2.643
1980	0.0	0.0	4.517	3.971	3.441	3.068	0.0	3.806	3.693
1981	3.678	0.0	5.421	4.786	4.361	6.442	0.0	4.492	4.061
1982	0.0	0.0	5.018	4.601	4.149	0.0	0.0	4.641	0.0

YEAR	VA	VI	WA	WI	WV	WY	US
1970	0.311	0.0	0.0	0.556	0.0	0.0	0.402
1971	0.394	0.0	0.0	0.724	0.0	0.0	0.565
1972	0.456	0.0	0.316	0.664	0.0	0.0	0.629
1973	0.547	0.0	0.706	0.790	0.0	0.0	0.782
1974	1.645	0.0	0.707	1.511	0.0	0.0	1.882
1975	1.862	0.0	0.0	1.651	0.0	0.0	1.999
1976	1.787	0.0	0.0	1.686	0.0	0.0	1.946
1977	2.141	0.0	0.0	2.005	0.0	0.0	2.193
1978	1.980	0.0	0.0	2.034	2.765	0.0	2.120
1979	2.951	0.0	2.608	2.457	0.0	0.0	2.985
1980	3.937	0.0	3.582	4.280	0.0	0.0	4.264
1981	5.060	0.0	0.0	5.351	0.0	0.0	5.332
1982	4.668	0.0	0.0	0.0	0.0	0.0	4.830

TABLE 3.28. Liquefied Petroleum Gas Prices: Residential Sector (\$/million Btu)

YEAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1970	3.192	2.371	1.991	1.910	2.348	1.795	2.832	2.371	2.371
1971	3.139	2.196	1.922	2.479	2.569	1.747	2.555	2.745	2.224
1972	3.290	2.196	1.976	2.787	2.745	1.819	2.789	2.446	2.525
1973	5.530	4.069	3.267	3.525	3.728	3.355	3.646	3.694	3.322
1974	5.698	4.008	3.075	4.258	4.393	2.795	4.184	3.692	3.789
1975	6.134	4.320	3.514	5.546	4.448	3.328	5.008	4.591	4.728
1976	6.696	4.173	4.393	5.639	4.618	3.844	5.332	4.733	4.871
1977	7.500	4.773	4.590	7.187	5.464	4.070	6.260	4.732	4.610
1978	7.282	5.013	3.770	5.538	5.066	4.386	6.407	5.603	6.590
1979	9.974	6.005	6.820	6.798	6.730	6.045	7.208	8.470	6.110
1980	12.230	7.750	8.770	8.460	8.150	7.320	9.210	9.970	8.530
1981	19.999	8.020	7.167	7.530	7.530	7.677	9.240	10.810	8.980
1982	13.439	9.010	8.750	11.840	10.000	9.240	12.270	11.560	9.610

YEAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	2.429	2.463	3.249	1.876	2.337	2.037	2.118	1.576	2.406
1971	2.965	2.375	4.392	1.749	2.745	1.939	2.017	1.469	2.248
1972	3.190	2.290	3.349	1.926	2.877	2.060	2.141	1.561	2.415
1973	4.506	3.690	5.628	3.440	5.837	3.416	3.833	3.051	3.979
1974	5.454	3.866	5.800	3.478	3.130	3.708	3.299	3.075	4.113
1975	6.315	4.400	6.243	3.545	4.173	3.719	3.923	3.296	4.162
1976	6.077	4.667	6.815	3.976	4.305	4.181	4.171	3.514	4.709
1977	7.067	4.780	7.140	4.517	5.259	4.811	4.656	4.145	5.082
1978	7.010	4.785	7.270	4.498	5.375	4.498	4.684	3.895	5.220
1979	7.775	5.290	9.590	6.223	6.700	6.367	6.340	6.550	5.883
1980	10.340	7.640	12.309	6.860	7.850	7.070	7.370	6.830	8.310
1981	11.435	8.260	12.727	6.468	10.665	7.388	7.941	6.850	8.613
1982	13.100	8.730	14.473	7.200	9.280	7.780	8.850	7.510	9.320

YEAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1970	1.968	3.005	2.371	2.602	2.314	2.026	1.968	2.233	2.222
1971	2.141	2.990	2.599	2.141	2.004	1.924	1.900	2.114	2.361
1972	2.547	3.072	2.471	3.843	2.154	2.041	1.952	2.194	2.300
1973	3.943	4.474	3.953	4.127	3.757	3.693	3.337	3.734	3.734
1974	5.491	4.640	3.434	5.098	3.748	3.495	2.975	3.844	4.162
1975	4.393	4.920	4.614	4.782	4.294	4.223	3.263	4.096	3.877
1976	6.040	5.216	4.832	4.867	4.342	4.662	3.776	4.398	4.299
1977	4.728	5.474	4.527	5.691	5.047	4.720	4.257	4.805	4.385
1978	4.555	5.810	5.447	6.090	4.532	4.785	4.032	4.390	4.715
1979	5.950	8.342	6.800	9.060	7.317	5.960	6.530	6.115	5.800
1980	8.540	8.990	9.810	10.040	8.080	7.340	7.060	8.350	7.210
1981	8.025	9.845	8.683	10.920	8.237	7.368	7.040	7.915	8.253
1982	9.550	10.760	8.650	12.010	9.350	9.190	8.210	9.830	8.850

TABLE 3.28 (cont). Liquefied Petroleum Gas Prices: Residential Sector (\$/million Btu)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	2.371	2.095	1.726	2.717	2.486	1.715	2.210	2.717	2.141
1971	2.146	2.004	1.683	2.539	2.918	1.559	3.587	1.970	2.112
1972	2.355	2.031	1.790	2.617	3.020	1.647	3.367	2.672	2.038
1973	3.671	3.579	3.104	4.283	4.686	3.221	4.091	3.734	3.600
1974	5.908	3.558	3.328	4.722	5.326	3.426	4.393	4.343	4.132
1975	4.136	3.514	3.570	4.704	4.942	4.162	4.769	4.478	4.526
1976	4.801	4.129	4.182	4.442	4.475	4.265	4.684	4.905	4.477
1977	5.215	4.715	4.597	5.590	5.865	4.573	5.905	5.754	5.213
1978	5.350	4.610	3.866	5.568	6.805	5.040	5.540	5.772	4.894
1979	7.005	6.220	6.170	7.857	7.587	5.230	7.180	7.260	6.156
1980	7.670	7.480	6.820	9.220	9.830	7.190	9.280	8.240	7.660
1981	8.675	7.540	7.078	9.975	11.465	8.190	10.160	9.853	8.503
1982	9.750	7.910	7.670	10.660	11.470	4.930	11.090	10.230	9.310

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1970	1.657	2.348	2.429	2.602	2.544	1.980	2.314	1.680	2.256
1971	1.628	2.624	2.339	2.782	2.302	1.861	2.084	1.716	1.812
1972	1.565	2.663	2.902	2.269	2.495	1.892	2.281	1.696	2.734
1973	2.776	3.690	3.480	3.734	3.652	3.311	3.866	3.469	4.898
1974	3.216	4.235	4.102	3.734	4.014	3.168	3.505	3.223	3.546
1975	3.129	5.271	4.424	5.491	4.283	3.413	3.840	3.501	4.975
1976	4.105	4.445	5.307	5.656	5.307	3.590	4.132	3.954	4.126
1977	4.243	5.930	5.688	5.545	5.215	4.413	4.955	4.650	5.000
1978	4.390	5.330	5.460	5.325	5.143	4.073	4.678	4.320	5.023
1979	5.570	7.420	7.448	7.640	7.097	6.103	6.398	5.770	6.740
1980	7.290	9.000	8.570	8.570	7.470	6.850	7.650	7.390	8.680
1981	7.395	9.120	9.769	10.040	9.070	7.005	9.058	8.166	7.750
1982	8.490	9.610	10.370	9.610	9.570	7.380	9.870	9.350	8.910

YEAR	VA	VT	WA	WI	WV	WY	US
1970	2.360	2.832	2.348	2.164	2.337	2.083	2.088
1971	2.335	2.580	3.304	1.944	2.361	1.900	2.053
1972	2.342	2.507	2.976	2.187	2.562	1.991	2.152
1973	3.807	3.624	4.576	3.668	4.110	2.868	3.617
1974	3.853	5.930	4.063	3.659	3.915	3.328	3.727
1975	4.431	4.722	5.733	4.145	4.969	4.202	4.012
1976	4.634	4.942	4.173	4.299	4.684	4.239	4.379
1977	5.059	6.010	5.930	4.966	5.345	4.403	4.905
1978	4.773	5.490	6.207	4.521	5.600	4.275	4.763
1979	6.559	7.820	7.530	6.838	6.705	6.383	6.523
1980	8.070	9.280	8.120	7.690	8.940	7.250	7.790
1981	8.769	10.150	10.593	8.068	10.320	7.503	8.322
1982	9.720	9.610	9.610	8.930	9.720	7.630	9.265

Source: Pacific Northwest Laboratory

TABLE 3.29. Liquefied Petroleum Gas Prices: Industrial Sector (\$/million Btu)^(a)

YFAR	AK	AL	AR	AZ	CA	CO	CT	DC	DE
1970	1.320	1.622	1.244	1.063	1.449	1.250	1.463	1.425	1.443
1971	1.373	1.716	1.331	1.141	1.550	1.300	1.419	1.468	1.486
1972	1.378	1.721	1.360	1.144	1.596	1.353	1.437	1.480	1.498
1973	1.472	1.819	1.451	1.302	1.725	1.552	1.422	1.590	1.609
1974	2.536	3.105	2.742	2.307	2.639	2.825	2.392	2.792	2.826
1975	2.746	3.163	2.667	2.702	2.940	2.738	2.976	3.367	3.669
1976	3.034	3.442	2.886	3.014	3.192	3.035	3.386	3.629	3.836
1977	3.462	4.048	3.312	3.479	3.874	3.577	3.636	3.849	3.896
1978	3.620	3.777	3.424	4.580	4.147	3.843	3.859	4.842	4.945
1979	3.950	4.392	3.796	3.667	4.181	3.985	4.145	3.899	3.899
1980	3.958	5.280	5.540	5.716	5.207	4.785	5.305	5.693	4.716
1981	5.464	6.174	6.080	6.854	6.097	6.408	6.516	5.904	6.211
1982	5.586	6.203	6.498	7.028	6.957	6.259	6.859	6.505	6.334

YFAR	FL	GA	HI	IA	ID	IL	IN	KS	KY
1970	1.301	1.704	1.305	1.206	1.535	1.086	1.423	0.876	1.501
1971	1.304	1.771	1.357	1.297	1.607	1.160	1.516	0.949	1.603
1972	1.343	1.822	1.363	1.283	1.656	1.164	1.521	0.913	1.649
1973	1.455	1.921	1.455	1.421	1.706	1.270	1.590	1.036	1.738
1974	2.494	3.123	2.507	2.587	2.548	2.223	2.829	2.080	2.743
1975	2.576	3.043	2.715	2.553	3.220	2.232	2.932	2.008	3.004
1976	2.829	3.416	2.999	2.779	3.179	2.454	3.073	2.292	3.342
1977	2.921	3.960	3.423	3.402	3.797	2.980	3.786	2.783	3.668
1978	3.338	4.044	3.375	3.616	4.121	3.111	3.956	2.787	3.853
1979	4.869	4.258	4.109	3.580	3.919	3.539	3.934	3.108	4.104
1980	5.464	5.268	3.810	4.883	5.716	4.926	5.100	3.576	5.221
1981	6.112	6.128	2.885	5.551	7.010	5.381	4.654	5.126	8.913
1982	6.578	6.440	5.053	5.533	7.050	5.397	6.051	4.690	7.162

YFAR	LA	MA	MD	ME	MI	MN	MO	MS	MT
1970	1.151	1.657	1.261	1.378	1.433	1.246	1.248	1.395	1.386
1971	1.161	1.505	1.298	1.470	1.435	1.332	1.336	1.456	1.446
1972	1.164	1.524	1.309	1.489	1.481	1.336	1.297	1.502	1.443
1973	1.281	1.508	1.406	1.473	1.569	1.383	1.389	1.634	1.590
1974	2.412	2.536	2.469	2.478	2.530	2.609	2.615	2.776	2.480
1975	2.664	3.049	2.743	3.293	2.582	2.704	2.451	2.787	2.574
1976	2.909	3.734	3.067	3.648	2.918	3.003	2.760	3.044	2.915
1977	3.221	3.856	3.404	3.766	3.517	3.381	3.334	3.584	3.223
1978	3.616	3.890	3.977	3.838	3.307	3.735	3.627	3.632	2.864
1979	3.950	4.618	3.780	4.468	3.991	3.585	3.790	3.847	4.109
1980	5.746	5.519	5.125	6.062	5.160	4.872	5.422	4.917	5.846
1981	4.991	5.852	5.904	6.408	5.696	5.499	6.392	6.329	6.854
1982	6.346	6.965	5.949	7.189	5.964	5.929	6.161	6.363	6.214

^(a) Data for 1982 are provisional estimates and will be updated when data from Annual Survey of Manufactures become available.

TABLE 3.29 (cont). Liquefied Petroleum Gas Prices: Industrial Sector (\$/million Btu)^(a)

YEAR	NC	ND	NE	NH	NJ	NM	NV	NY	OH
1970	1.401	1.259	1.102	1.483	1.591	1.206	1.056	1.501	1.494
1971	1.404	1.334	1.193	1.514	1.594	1.286	1.115	1.468	1.524
1972	1.409	1.339	1.161	1.547	1.557	1.310	0.978	1.437	1.529
1973	1.532	1.384	1.300	1.510	1.647	1.483	1.232	1.514	1.601
1974	2.445	2.412	2.432	2.539	3.478	2.731	1.952	2.571	2.837
1975	2.653	2.545	2.487	2.621	3.748	2.792	2.232	3.199	3.038
1976	2.656	2.877	2.716	3.954	4.050	3.144	2.332	3.275	3.232
1977	3.257	3.094	3.197	3.860	3.795	3.656	3.092	3.989	3.799
1978	3.668	2.483	3.359	4.683	3.859	3.725	2.864	3.936	3.766
1979	3.554	4.191	3.349	3.760	4.001	4.287	3.950	4.314	4.345
1980	5.243	5.231	5.188	4.778	5.152	6.018	4.995	5.788	5.341
1981	6.418	5.686	5.235	6.636	5.879	6.369	7.263	6.049	5.904
1982	6.222	5.573	5.374	6.948	7.165	7.057	6.388	7.227	6.756

YEAR	OK	OR	PA	RI	SC	SD	TN	TX	UT
1970	1.140	1.313	1.463	1.185	1.523	1.277	1.275	0.976	1.351
1971	1.258	1.389	1.466	1.270	1.604	1.314	1.387	1.051	1.393
1972	1.214	1.431	1.471	1.298	1.648	1.336	1.370	1.079	1.254
1973	1.365	1.510	1.556	1.267	1.733	1.411	1.470	1.230	1.395
1974	2.741	2.279	3.205	2.131	2.770	2.525	2.510	2.348	2.109
1975	2.605	2.888	2.977	2.609	2.940	2.579	2.409	2.357	2.586
1976	2.903	3.154	3.382	3.077	3.077	2.760	2.783	2.484	2.913
1977	3.704	3.775	3.682	3.239	3.307	3.433	3.326	2.925	3.478
1978	3.962	4.018	3.843	3.462	3.616	3.369	3.467	2.468	3.488
1979	4.053	4.320	4.238	3.667	3.755	4.073	3.944	4.253	4.386
1980	5.716	5.397	5.362	5.285	4.238	4.360	4.963	5.215	4.360
1981	6.288	6.242	6.169	6.205	5.707	4.322	6.195	5.925	4.769
1982	6.656	5.869	6.840	6.386	6.237	5.129	6.230	6.007	5.901

YEAR	VA	VT	WA	WI	WV	WY	WIS
1970	1.486	1.333	1.346	1.454	1.425	1.296	1.109
1971	1.564	1.293	1.417	1.546	1.476	1.390	1.170
1972	1.577	1.309	1.459	1.551	1.489	1.344	1.188
1973	1.683	1.296	1.518	1.648	1.625	1.476	1.323
1974	2.733	2.179	2.283	2.864	2.611	2.329	2.451
1975	3.040	2.835	2.692	2.830	2.703	2.636	2.542
1976	3.128	3.270	2.926	2.879	3.075	3.022	2.736
1977	3.711	3.313	3.567	3.781	3.625	3.403	3.184
1978	3.581	3.616	3.287	3.941	3.699	3.529	3.085
1979	4.242	3.667	4.366	4.181	4.218	3.971	4.076
1980	4.596	5.591	5.603	5.328	5.796	5.701	5.252
1981	5.831	6.485	6.169	5.676	6.263	5.770	5.760
1982	6.280	6.625	7.467	6.480	6.693	6.230	6.170

Source: Pacific Northwest Laboratory

4.0 1982 STEPS UPDATE DOCUMENTATION

This chapter documents the changes in sources or estimation procedures where they differ from the procedures described in State Energy Price System, Volume 1 (original documentation), as necessitated by the updates to include price data for 1981 and 1982. Corrections are also included for errors in the original documentation detected in the course of these updates. Any references to page numbers, equation numbers, or tables contained in this chapter refer directly to the original documentation unless otherwise noted. Each of the ten fuels covered by the STEPS data base is discussed separately below.

4.1 ELECTRICITY

The basic methodology used to calculate electricity prices for the residential, commercial, industrial, and transportation sectors remains unchanged for the 1981 and 1982 updates. Physical prices are calculated from sales and revenues data taken from the Edison Electric Institute's Statistical Year Book of the Electric Utility Industry, and Btu prices are calculated with a conversion factor of 3,412 Btu per kilowatt-hour. The only imputation done is to assign Maryland prices to the District of Columbia. Note that the original documentation should be amended to reflect the changing table numbers in the Statistical Year Book for both revenues and sales; these table numbers are not always 36S and 22A, respectively, as reported. Table 4.1 shows the actual table numbers used for the 1960 to 1982 period. Note that while the numbers change, the titles, "Revenues: Total Electric Utility Industry" and "Energy Sales: Total Electric Utility Industry," do not.

4.2 NATURAL GAS

Natural gas prices for the STEPS series are taken from the EIA's Natural Gas Annual for the residential, commercial, industrial, and transportation sectors, and from the EIA's Cost and Quality of Fuels for Electric Utility Plants, for the electric utility sector. Btu conversion factors for all the sectors except the electric utility sector are also taken from Natural Gas Annual, and

TABLE 4.1. Revenues and Sales Data Table Numbers in the
EEI Statistical Year Book, 1960-1982

<u>Year</u>	<u>Revenues Data Table Number</u>	<u>Sales Data Table Number</u>
1960	34	20
1961	35	22
1962-1970	36S	22
1971-1978	36S	22S
1979	36	22
1980	59	41
1981-1982	59A	41A

Source: Pacific Northwest Laboratory

are shown in Table A.2 of Appendix A. The procedures used to calculate natural gas prices for the 1981 and 1982 updates vary only in the way commercial sector physical prices are calculated for 1982. Because value and sales data are not available for the category "other consumers," the commercial sector prices are equal to commercial revenues divided by commercial sales. Equation 10.1 below follows Equation 10 in the original documentation for 1982:

$$\text{NGCMPPXX} = \text{NCRXX} \div \text{NCCXX} \quad (10.1)$$

where:

NGCMPPXX = final commercial sector natural gas price for State XX or the U.S. (\$/1,000 cubic feet)

NCRXX = commercial revenues for State XX or the U.S. (\$1000)

NCCXX = commercial volume of natural gas sold in State XX or the U.S.

4.3 METALLURGICAL COAL

The procedures for calculating metallurgical coal prices for the industrial sector vary in two minor respects from the original STEPS documentation. First, there is a change in the data source used for prices for the 1981 and

1982 updates. The data source used to generate the metallurgical coal price series for 1970 to 1980, Coke and Coal Chemicals, ceased publication after the 1980 issue. Prices for 1981 and 1982 were taken from another EIA coal publication, Quarterly Coal Report. Price data given in Coke and Coal Chemicals were collected on Form EIA-5A, "Coke and Coal Chemical Materials, Annual," while the data in Quarterly Coal Report is collected on Form EIA-5, "Coke Plant Report - Quarterly." The former publication collected the estimated market value of coals carbonized, while the latter collects the value of coal purchased at coke plants. Data used for the STEPS updates are the year-to-date prices (annual) from the fourth quarters of 1981 and 1982; they are contained in the table entitled "Coal Receipts at Coke Plants." Although data sources change, there is no change in computation or state coverage. The conversion factor of 26.0 million Btu per ton is used for both 1981 and 1982.

The second modification to the original metallurgical coal documentation is to clarify the state grouping changes from year to year. The price assignments for states with metallurgical coal prices are given in Table 4.2. States whose price assignments changed slightly are: Maryland, Michigan, Minnesota, New Jersey, New York, Wisconsin, Virginia, and West Virginia. No imputations are done for states that do not have prices reported in either Coke and Coal Chemicals (1970-1980) or Quarterly Coal Report (1981-1982).

4.4 STEAM COAL

Steam coal prices are computed for the residential, industrial, and electric utility sectors in the STEPS data base. Residential steam coal prices are estimated using regression equations based on Gas Househeating Survey data for 1971-1978. Steam coal industrial sector prices are based on data from form EIA-3, and electric utility sector prices are from Cost and Quality. Conversion factors for all three sectors are given in Table A.1. No procedural changes are needed to do the 1981 or 1982 updates for any of the three sectors, but corrections to the basic documentation and one correction to the data tapes themselves should be made for both the residential and industrial sectors. These corrections and additions are discussed below.

TABLE 4.2. Metallurgical Coal State Price Assignments, 1970-1982

<u>State</u>	<u>Year</u>	<u>Price Assigned</u>
AL	1970-1982	Alabama
CA	1970-1982	California, Colorado, Utah
CO	1970-1982	California, Colorado, Utah
IL	1970-1982	Illinois
IN	1970-1982	Indiana
KY	1970-1982	Kentucky, Missouri, Tennessee, Texas
MD	1970-1971 1972-1982	Maryland, New Jersey, New York Maryland, Wisconsin
MI	1970-1978 1979 1980-1982	Michigan Michigan, Minnesota, Wisconsin Michigan, Wisconsin
MN	1970-1978 1979	Minnesota, Wisconsin Michigan, Minnesota, Wisconsin
MO	1970-1982	Kentucky, Missouri, Tennessee, Texas
NJ	1970-1971	Maryland, New Jersey, New York
NY	1970-1971 1972-1982	Maryland, New Jersey, New York Maryland, New York
OH	1970-1982	Ohio
PA	1970-1982	Pennsylvania
TN	1970-1982	Kentucky, Missouri, Tennessee, Texas
TX	1970-1982	Kentucky, Missouri, Tennessee, Texas
UT	1970-1982	California, Colorado, Utah
VA	1978-1982	Virginia, West Virginia
WI	1970-1978 1979 1980-1982	Minnesota, Wisconsin Michigan, Minnesota, Wisconsin Michigan, Wisconsin
WV	1970-1977 1978-1982	West Virginia Virginia, West Virginia
US	1970-1982	US

Source: Pacific Northwest Laboratory

4.4.1 Residential Sector

There are two basic changes to the residential sector steam coal documentation. First, the values for the variable c_{XX} found in Equation 29 of the original documentation are incorrectly reported in Table 8 and in Table 4.3 of the 1981 update documentation. Table 4.3 below is the correct version of this table. In addition to this correction, the 1981 and 1982 updates require the imputation of values for the variable SP_{XX} of Equation 29 and the variable

TABLE 4.3. Estimated Values of c_{XX} for Residential Sector Steam Coal Prices (Equation 29)

<u>State XX</u>	<u>c_{XX}</u>
AL	Reference State
CT	0.0684
DC	0.0864
DE	0.4781
GA	-0.0955
IA	0.6765
IL	0.1581
IN	0.5077
KS	-0.1559
KY	0.1920
MA	0.0684
MD	0.0864
MI	0.6519
MN	1.5792
MO	-0.0996
NC	0.1145
ND	0.8183
NE	0.4427
NH	0.0684
NJ	-0.2563
NY	0.4761
OH	0.4530
PA	0.3589
RI	0.0684
SC	0.3516
TN	-0.0239
VA	0.5047
VT	0.0684
WI	1.0446
WV	1.0446

Source: Pacific Northwest
Laboratory

ASPXX of Equation 30 for states missing Cost and Quality prices for those two years. To impute these missing price inputs, price assignments are used from nearby states as listed in Table 4.4. For the state of Wyoming in 1982, however, simple use of price assignments from nearby states results in prices that are too high, since Wyoming has unusually low steam coal prices even compared to nearby states. To correct for this, the average price for the states of Colorado, Nebraska, and Utah is calculated both for 1981 and 1982. The ratio of the Wyoming price for 1981 to the 1981 average price for the three nearby states and is then used to estimate the 1982 Wyoming price from the 1982 average price of the three nearby states:

$$WY_{1982} = \frac{WY_{1981}}{AVG_{1981}} \cdot AVG_{1982} \quad (31.1)$$

4.4.2 Industrial Sector

Corrections for the steam coal industrial sector price series include changes for the calculation of Alaska prices and a clarification of

TABLE 4.4. Price Assignments for States Missing Cost and Quality Prices, 1981 and 1982 (Equations 29 and 30)

Variable	Missing State	Price Assignment	
		1981	1982
SPXX	ND	MN	MN
SPXX	CT	--	MA
SPXX	DC	--	MD
SPXX	RI	--	MA
ASPXX	MT	WY	CO
ASPXX	SD	Average of MN, NE	Average of MN, NE
ASPXX	CO	Average of UT, WY, NE, KS	--
ASPXX	WA	UT	CA
ASPXX	ID	--	Average of CO, NV
ASPXX	WY	--	Adj. average of CO, NV, UT

Equation 34. In the original STEPS data base, Btu prices for 1978 to 1980 were erroneously included in the data tapes; the series of prices for Alaska actually ended after 1977. The physical price series for Alaska omitted the 1977 price, ending the series erroneously after 1976. The 1977 physical price has been added to the data base and the 1978 to 1980 Btu prices have been deleted; these changes can be seen in Tables 2.12 and 3.12 of this report. No changes to the original documentation are necessary (see page 77, Step iii(a)).

To clarify Equation 34 on page 76, brackets should be inserted as follows:

$$SCINPPXX = \frac{1}{2N} \left[\sum_{i=1}^N PCCR_i + (N \cdot PCCR_w) \right] \quad (34)$$

4.5 DISTILLATE FUEL

STEPS distillate fuel prices cover the residential, commercial, industrial, and electric utility sectors. No changes in documentation are needed for the electric utility sector update. The industrial sector updates require correction only to update the equations used to estimate prices for 1982 from the Annual Survey of Manufactures. Missing regional prices in both 1981 and 1982 necessitate some procedural changes for the residential sector. The equations to convert physical prices to Btu prices for 1982 are restated so the conversion is made from price per barrel to price per million Btu for all sectors except the electric utility sector. This change allows the use of conversion factors in their published forms. The conversion factors used for the 1981 and 1982 updates and given in Table A.1. Detailed explanation of the corrections for the residential and industrial sectors is presented below.

4.5.1 Residential Sector

The distillate residential sector price series is based on state and DOE Region data from Prices and Margins of No. 2 Distillate Fuel Oil and Platt's Oil Price Handbook and Oilmanac. Monthly average heating-degree-day data by state are used in the calculations as weights. Since 1980, DOE Region price

data have been missing from Prices and Margins for some regions and months. In 1981, DOE Region 9 prices were available for only two months and in 1982 they were missing, along with DOE Region 6 prices, entirely. DOE Regions 7 and 8 were missing prices for some months in 1982 as well.

In the original STEPS documentation, monthly regional prices were weighted into an annual price which was used to adjust state-level prices assigned from Platt's. Procedures to calculate the annual Region 9 price for 1981 are changed as described immediately below. The changes can be inserted into the original documentation on page 81, after Step ii (b), 1978-1980:

- 1981 1. Calculate the relationship between the U.S. annual heating oil price and the U.S. March and May heating prices:

$$RDOE_{9,m} = PDOE_{US} \div PDOE_{US,m} \quad (39.1)$$

where:

$RDOE_{9,m}$ = ratio of the annual average U.S. price to the U.S. price in month m

$PDOE_{US}$ = annual average distillate U.S. price for 1981 (\$/gallon)

$PDOE_{US,m}$ = U.S. distillate price in month m of 1981, where m equals March or May (\$/gallon)

2. Impute the annual Region 9 price:

$$PDOE_9 = \sum_{m=1}^2 \left[(RDOE_{9,m} \cdot PDOE_{9,m}) \div 2 \right]$$

where:

$PDOE_9$ = annual Region 9 distillate price for 1981 (\$/gallon)

$PDOE_{9,m}$ = Region 9 price for month m of 1981 (\$/gallon)

3. Complete imputation, as contained in STEPS documentation, with Step ii (c).

The missing monthly prices for DOE Regions 7 and 8 in 1982 are imputed by averaging the prices in adjacent months and assigning them to the missing months. For example, if the July price is missing, the average of the June and August price is assigned to July. Procedures are then completed as documented, starting with Step ii on page 80. Since there are no monthly prices for DOE Regions 9 and 6 in 1982, the adjustment factors (A_j in Equation 40) are based on the adjustment factors for previous time periods. The DOE Region 6 adjustment factor is equal to the adjustment factor of the West South Central Census Region for the 1975-1977 period, while the DOE Region 9 adjustment factor is equal to the average adjustment factor for DOE Region 9 from 1978 to 1981.

The equation used to convert prices per gallon into prices per million Btu for the residential sector is given in the original documentation as Equation 49. This equation was used in an altered form in order to use the conversion factor as published in EIA's Annual Energy Review (million Btu per barrel). In the original documentation this conversion factor was translated into million Btu per gallon before it was used to calculate Btu prices from physical prices. The revised equation used in the 1982 update is as follows:

$$DFRSBPXX = (DFRSPPXX \cdot 42) \div 5.825 \quad (49.1)$$

4.5.2 Commercial Sector

Commercial sector distillate prices are based on commercial sector markup data from Foster's and Associates and the STEPS residential distillate price series. The only change made in computational procedures for this sector was to restate Equation 58 of the original documentation similar to Equation 49.1 in the residential sector. The corrected equation was used for the 1982 update and allows for calculation of Btu prices using the published per barrel conversion factor:

$$DFCMBPXX = (DFCMPPXX \cdot 42) \div 5.825 \quad (58.1)$$

4.5.3 Industrial Sector

The distillate industrial sector price series is based on data from the Annual Survey of Manufactures (ASM) or the Census of Manufactures (CM). When the original STEPS data base was completed with prices through 1980, the ASM prices for 1980 were not published. Consequently, prices for 1980 had to be estimated from ASM prices for 1974 to 1979. The lag in availability of ASM and CM data has continued through the 1982 update, which results in a two-part procedure to update industrial sector distillate prices. Estimated data for 1980 and 1981 are replaced with actual ASM data as they become available. Secondly, prices are estimated for years when data are not yet available. States missing actual ASM prices when they are published are assigned the estimated prices.

Actual ASM/CM data are converted into prices using Equation 59. This equation is incorrectly marked in the original documentation as applying only to 1971 data; actually, this equation also applies to ASM/CM data for 1974 to 1981. For the 1981 update, 1981 prices are imputed using an equation similar to Equation 62 on page 93. For the 1982 update (estimating 1982 prices and inserting actual 1981 ASM prices) the equation remains the same except the fraction in front of the summation sign becomes "1/8" and the "80" above the summation sign becomes "81."

$$RAVGXX = \frac{1}{7} \sum_{t=74}^{80} (DFINPPXX_t \div DFPLXX_t) \quad (62.1)$$

where:

RAVGXX = average ratio of STEPS industrial sector distillate prices to Platt's prices for State XX

DFINPPXX_t = STEPS industrial sector distillate price for State XX in year t (\$/gallon)

DFPLXX_t = Platt's distillate price assigned to State XX in year t (\$/gallon)

Calculation of prices continues as recorded in the original documentation with Equation 63.

As with the residential and commercial sectors, the conversion equation used to calculate Btu prices from the physical price series is altered for the 1982 update to allow use of the published per barrel conversion factor. The altered equation corresponds to Equation 65 in the original documentation:

$$DFINBPXX = (DFINPPXX \cdot 42) \div 5.825 \quad (65.1)$$

4.6 MOTOR GASOLINE

The motor gasoline prices in the STEPS series are based on prices for leaded and unleaded gasoline taken from the Consumer Price Index and Platt's. The leaded and unleaded gasoline prices are weighed into the final STEPS prices using leaded and unleaded consumption volume weights. For 1970 to 1981 these consumption weights are taken from the EIA-79 data tapes. For the 1982 prices, these weights are taken from a new source, Form EIA-25, "Prime Supplier Monthly Report." This change affects Equation 75 on page 103, by redefining the variable $COXX_{c,m}$ as the EIA-25 product volume weight for produce c, in month m.

The gasoline conversion equation is restated for the 1982 update similar to changes for the distillate series. Equation 84 from the original documentation is altered as follows:

$$MGTRBPXX = (MGTRPPXX \cdot 42) \div 5.253 \quad (84.1)$$

4.7 DIESEL FUEL

The STEPS diesel price series cover the transportation sector only and are based on physical unit diesel prices from the Department of Agriculture's Agricultural Prices. The 1981 and 1982 updates follow the computational procedures as presented in the original STEPS documentation, except for a change in the conversion equation (Equation 86) for the 1982 update. The

change in Equation 86 allows the direct use of the per barrel conversion factor published in the Annual Energy Review. The revised equation is as follows:

$$DLTRBPXX = (DLTRPPXX \cdot 42) \div 5.825 \quad (86.1)$$

4.8 KEROSENE AND JET FUEL

The kerosene and jet fuel data base covers the residential, industrial, transportation, and electric utility sectors. For the industrial and electric utility sectors, the computation procedures for the 1981 and 1982 updates are as reported in the original STEPS documentation, except that the 1982 conversion equations have been altered similar to the equations for distillate, motor gasoline, and diesel. In addition to the change in the conversion equation, the transportation and residential sectors require other corrections to the original documentation. These changes are explained by sector below.

4.8.1 Residential Sector

In the process of completing the 1982 update, errors were noted in the residential sector kerosene series that required recalculation of both physical and Btu prices for all years in the series (1970-1982). The data sources reported in the original documentation are correct, with the 1981 and 1982 updates using Producer Prices and Price Indexes as given. The section on computational procedures found on pages 110 to 114 of the original documentation should be omitted, and the following section should be used for documentation in its place.

Computational Procedures.

- 1970-1976 i. In order to volume weight the Agricultural Prices quarterly prices, monthly quantity weights are calculated by assuming the "other distillate oil" consumption data by PAD Districts from Retail Sales is kerosene, and averaging the data, which covers months from November 1978 to March 1981:

$$KSRQ_{k,m} = \frac{\sum_{t=78}^{81} RSQ_{k,t,m}}{N} \cdot 42 \quad (87)$$

where:

$KSRQ_{k,m}$ = average consumption of kerosene in PAD District k in month m (1,000 gallons)

$RSQ_{k,t,m}$ = sales of other distillate oil in PAD District k, in month m of year t (1,000 barrels)

N = number of years of non zero data for month m

- ii. Calculate each month's average share of annual sales (expressed as a fraction) for PAD Districts, then assign the PAD District shares to states within each respective district:

$$KSAVXX_{k,m} = \frac{KSRQ_{k,m}}{\sum_{m=1}^{12} KSRQ_{k,m}} \quad (88)$$

where:

$KSAVXX_{k,m}$ = average fraction of kerosene consumption in State XX of PAD District k, in month m

- iii. Annual physical prices are calculated as the volume-weighted average of Agricultural Prices quarterly data. The monthly weights developed in Equation 88 are converted to quarterly weights by summing the fractions for months within a particular quarter.

$$KSRSPXX = \sum_{q=1}^4 \left[KSAPXX_q \cdot \sum_{m=1}^3 KSAVXX_{q,m} \right] \quad (89)$$

where:

$KSRSPXX$ = final residential sector kerosene price for State XX (\$/gallon)

$KSAPXX_q$ = kerosene price from Agricultural Prices for State XX (\$/gallon)

$KSAVXX_{q,m}$ = average fraction of kerosene consumption in State XX in month m of quarter q^(a)

- iv. The missing 1972 quarterly prices for Nevada ($KSAPNV$) are imputed by calculating the average ratio between the quarterly Nevada prices and the quarterly Agricultural Prices U.S. prices for 1971 and 1973, and applying the derived ratio to the Agricultural Prices U.S. price for 1972. These quarterly Nevada prices are then inserted into Equation 89 for the variable $KSAPXX_q$.

$$KSAPNV_{72,q} = KSAPUS_{72,q} \cdot \left[\frac{1}{8} \sum_{q=1}^8 \frac{KSAPNV_{t,q}}{KSAPUS_{t,q}} \right] \quad (90)$$

where:

$KSAPNV_{72,q}$ = estimated kerosene price for Nevada in quarter q of 1972 (\$/gallon)

$KSAPUS_{72,q}$ = U.S. kerosene price for quarter q of 1972 (\$/gallon)

$KSAPNV_{t,q}$ = kerosene price for Nevada for quarter q of year t (\$/gallon)

$KSAPUS_{t,q}$ = U.S. kerosene price for quarter q of year t (\$/gallon)

$t = 1971 \text{ or } 1973$

- v. Calculate U.S. physical prices using the state physical prices and the SEDS residential kerosene consumption volumes:

(a) $KSAVXX_{q,m}$ is the same as $KSAVXX_{k,m}$; the difference in notation is to preserve clarity in Equations 89 and 88, respectively.

$$KRSRPPUS = \frac{\sum_{XX=1}^{51} (KRSRPPXX \cdot KSRVXX)}{\sum_{XX=1}^{51} KSRVXX} \quad (90.1)$$

where:

KRSRPPUS = final residential sector kerosene price for the U.S. (\$/gallon)

KSRVXX = residential kerosene consumption volume from SEDS for State XX (1,000 barrels)

- vi. Calculate Btu prices for states and the U.S. using the completed physical unit price series and the conversion factor:

$$KRSRBPXX = KRSRPPXX \div 0.135 \quad (90.2)$$

where:

KRSRBPXX = final residential kerosene price for State XX or the U.S. (\$/million Btu)

1977-1982

Because Agricultural Prices price data are not available after 1976, monthly Census Region Producer Prices and Price Indexes (PPI) prices and price indexes are used as the basis for the price series from 1977 to 1982. To maintain some consistency in the series, the PPI prices are multiplied by an adjustment factor that accounts for the relationship between PPI and Agricultural Prices prices for quarters where the two series overlap. In the following description of the procedures, the adjustment factor is derived first. The PPI prices for 1977-1982 are then estimated, and lastly, the final kerosene state-level physical unit and Btu prices for state and the U.S. are calculated.

- i. Calculation of the adjustment factor. PPI and Agricultural Prices kerosene prices overlap from the third quarter of 1975 through the fourth quarter of 1976 (or 1975.3 to 1976.4). The

Agricultural Prices quarterly prices for these quarters are taken directly from the source documents, but quarterly PPI prices need to be calculated.

- a. First, monthly PPI prices are calculated from the July 1975 base prices for Census Regions and price indexes:

$$KSPPI_{j,q,m} = (KSIDX_{j,m} \div 100) \cdot KSBASE_j \quad (91)$$

where:

$KSPPI_{j,q,m}$ = PPI kerosene price for Census Region j in month m of quarter q (\$/gallon)

$KSIDX_{j,m}$ = kerosene price index for Census Region j in month m

$KSBASE_{j,m}$ = kerosene base price for Census Region j in July 1975 (\$/gallon)

m = months from July 1975 through December 1976

- b. Assign the Census Region PPI prices equally and identically to each state within the respective Census Region:

$$KSPPIXX_{q,m} = KSPPI_{j,q,m} \quad (91.1)$$

- c. Calculate volume-weighted quarterly PPI prices for states using the monthly volume weights developed from Retail Sales and Inventories of Fuel Oil sales data for "other distillate oil" (Equation 88):

$$KSPPIXX_q = \frac{\sum_{m=1}^3 (KSPPIXX_{q,m} \cdot KSAVXX_{q,m})}{\sum_{m=1}^3 KSAVXX_{q,m}} \quad (92)$$

where:

$$KSPPIXX_q = \frac{\text{PPI kerosene price for State XX in quarter } q}{\text{quarter } q}$$

- d. Calculate the adjustment factor, which relates the quarterly Agricultural Prices prices ($KSAPXX_q$) to the PPI prices ($KSPPIXX_q$):

$$KSADJXX = \frac{1}{6} \sum_{q=1}^6 (KSAPXX_q \div KSPPIXX_q) \quad (93)$$

ii. Calculation of monthly PPI prices, 1977-1982.

- a. Monthly regional PPI prices are calculated using the July 1975 base prices for Census Regions and monthly price indexes for 1977-1982:

$$KSPPI_{j,m} = (KSIDX_{j,m} \div 100) \cdot KSBASE_j \quad (94)$$

where:

$$KSPPI_{j,m} = \frac{\text{PPI kerosene price for Census Region } j \text{ in month } m (\$/\text{gallon})}{\text{month } m (\$/\text{gallon})}$$

$$KSIDX_{j,m} = \text{kerosene price index for Census Region } j \text{ in month } m$$

$$KSBASE_j = \text{kerosene base price for Census Region } j \text{ in July 1975 } (\$/\text{gallon})$$

m = all months in the years 1977-1982

- b. Assign the Census Region monthly prices equally and identically to each state within the respective region:

$$KSPPIXX_m = KSPPI_{j,m} \quad (94.1)$$

where:

$$KSPPIXX_m = \text{assigned } \frac{\text{PPI kerosene price for State XX in month } m (\$/\text{gallon})}{\text{in month } m (\$/\text{gallon})}$$

iii. Calculation of annual physical and Btu prices, 1977-1982.

- a. Calculate annual physical prices from the monthly PPI state-level prices, using the volume weights used in Equation 89:

$$KSPPIXX = \frac{\sum_{m=1}^{12} (KSPPIXX_m \cdot KSAVXX_m)}{\sum_{m=1}^{12} KSAVXX_m} \quad (94.2)$$

where:

KSPPIXX = annual kerosene price for State XX
(\$/gallon)

KSAVXX_m = average fraction of kerosene consumption
in State XX in month m^(a)

- b. Calculate physical prices for states using the adjustment factor (KSADJXX) and the annual PPI prices:

$$KSRSPXX = KSADJXX \cdot KSPPIXX \quad (94.3)$$

- c. Calculate physical prices for the U.S. using the state physical prices and the SEDS residential consumption volumes (by computer):

$$KSRSPUS = \frac{\sum_{XX=1}^{51} (KSRSPXX \cdot KSRVXX)}{\sum_{XX=1}^{51} KSRVXX} \quad (95)$$

(a) KSAVXX_m and KSAVXX_{q,m} are equal; the different notation is for clarity within individual equations.

- d. Calculate Btu prices for states and the U.S. using the completed physical price series and the conversion factors:

1977-1981.

$$\text{KRSBPXX} = \text{KRSPPXX} \div 0.135$$

1982.

$$\text{KRSBPXX} = (\text{KRSPPXX} \cdot 42) \div 5.670$$

where:

KRSBPXX = final residential sector kerosene price
for State XX or the U.S. (\$/million Btu)

4.8.2 Industrial Sector

The only change to the industrial sector documentation is the alteration to the conversion equation (Equation 105) for the 1982 update. The revised equation below uses the published conversion factor of 5.670 million Btu per barrel:

$$\text{KSINBPXX} = (\text{KSINPPXX} \cdot 42) \div 5.670 \quad (105.1)$$

4.8.3 Transportation Sector

The transportation sector for the kerosene/jet fuel price series contains prices based on jet fuel prices from Producer Prices and Price Indexes. In addition to a change in the conversion equation (Equation 112) similar to that just done for the industrial sector above, a step was omitted from the original STEPS documentation. The prices contained in the STEPS data base, however, were correctly calculated, so this correction is only needed in the documentation itself. On page 118, after Step ii for 1976-1980 (now 1976-1982), the following Step iii should be inserted:

- iii. Calculate physical U.S. prices using the state prices and jet fuel consumption volume weights from SEDS:

$$JFTRPPUS = \frac{\sum_{XX=1}^{51} (JFTRPPXX \cdot JFTVXX)}{\sum_{XX=1}^{51} JFTVXX} \quad (108.1)$$

where:

JFTRPPUS = final transportation sector jet fuel price for the U.S. (\$/gallon)

JFTVXX = transportation sector jet fuel consumption volume from SEDS for State XX (1,000 barrels)

The jet fuel transportation sector conversion equation should be altered as follows in order to use the per barrel conversion factor published in Annual Energy Review:

$$JFTRBPXX = (JFTRPPXX \cdot 42) \div 5.670 \quad (112.1)$$

4.8.4 Electric Utility Sector

The only correction to this sector in the STEPS data base is to alter the conversion equation for the 1982 update. This change is analogous to changes in the conversion factors for the other sectors in the kerosene/jet fuel series.

$$KSUTBPXX = (KSUTPPXX \cdot 42) \div 5.670 \quad (117.1)$$

4.9 RESIDUAL FUEL

The STEPS residual fuel price series cover the commercial, industrial, transportation and electric utility sectors. No changes to the original documentation are needed for the commercial or electric utility sectors as a result of the 1981 or 1982 updates. The commercial sector prices are based on the industrial residual STEPS series, while the electric utility sector prices are based on data from Cost and Quality. For the industrial sector, the equations used to estimate prices based on available ASM data are updated below. No actual changes in procedure are needed for the transportation sector, but

states were reassigned to the three groupings in some cases. No changes to conversion equations are needed for the residual fuel series since per barrel conversion factors have always been used.

4.9.1 Industrial Sector

The residual fuel industrial sector price series is based on data from the Annual Survey of Manufactures or the Census of Manufactures. When the original STEPS data base was completed with prices through 1980, the ASM prices for 1980 were not yet published. Consequently, prices for 1980 had to be estimated from ASM prices for 1974 to 1979. The lag in availability of ASM and CM data has continued through the 1982 update, which results in a two-part procedure to update industrial sector residual fuel prices. Estimated data for 1980 (1981 for the 1982 update) are replaced with actual ASM data as they become available. Second, prices are estimated for years when data are not yet available. States missing actual ASM prices when they are published are assigned the estimated prices.

Actual ASM/CM data are converted into prices using Equation 122. For the 1981 update, 1981 prices were imputed using an equation similar to Equation 124 on page 128. For the 1982 update (estimating 1982 prices and inserting actual 1981 ASM prices) the equation remains the same except the fraction in front of the summation sign becomes "1/8" and the "80" above the summation sign becomes "81."

$$RAVGXX = \frac{1}{7} \sum_{t=74}^{80} (RFINPPXX_t \div RFPLXX_t) \quad (124.1)$$

where:

RAVGXX = average ratio of STEPS industrial sector residual prices to Platt's prices for State XX

RFINPPXX_t = final industrial sector residual price (STEPS) for State XX in year t (\$/gallon)

RFPLXX_t = Platt's residual price assigned to State XX in year t (\$/gallon)

Calculation of prices continues as recorded in the original documentation with Equation 125.

4.9.2 Transportation Sector

To calculate residual fuel transportation sector prices, states are segregated into groups depending on the major transportation use of residual fuel in each state. Group A states use all or most of their residual fuel for vessel bunkering purposes. Group B states use all or most of their residual fuel for railroads, and Group C states use residual fuel for both railroads and vessel bunkering. A fourth group includes states with no reported residual use in the transportation sector. The 1982 update used a revised list of group assignments in comparison to the original assignments found on page 136. Table 4.5 gives the new listing.

TABLE 4.5. Residual Fuel Transportation Use List for 1982 Update

<u>Group A</u>	<u>Group B</u>	<u>Group C</u>	<u>No Use</u>
Alabama	Tennessee	Illinois	Alaska
California	Wyoming	Michigan	Arkansas
Connecticut		Minnesota	Arizona
Delaware		Wisconsin	Colorado
Florida			District of Columbia
Georgia			Iowa
Hawaii			Idaho
Indiana			Kansas
Louisiana			Kentucky
Massachusetts			Montana
Maryland			North Dakota
Maine			Nebraska
Missouri			New Mexico
North Carolina			Nevada
New Hampshire			Oklahoma
New Jersey			South Dakota
New York			Utah
Ohio			Vermont
Oregon			West Virginia
Pennsylvania			
Rhode Island			
South Carolina			
Texas			
Virginia			
Washington			

Source: Pacific Northwest Laboratory

4.10 LIQUEFIED PETROLEUM GAS

The liquefied petroleum gas (LPG) series for the STEPS data base covers the residential and industrial sectors. The conversion equations for both sectors are changed similarly to other petroleum products for the 1982 update. In addition, the equation used for the industrial sector updates for 1981 and 1982 is updated.

4.10.1 Residential Sector

The residential sector LPG series involved no changes to the original documentation except for the change to the conversion equation (Equation 148) to allow for the calculation of 1982 physical prices using the conversion factor published in Annual Energy Review. The revised equation is as follows:

$$\text{LGRSPPXX} = (\text{LGRSBPXX} \cdot 3.643) \div 42 \quad (148.1)$$

4.10.2 Industrial Sector

The LPG industrial sector price series is based on data from the Annual Survey of Manufacturers or the Census of Manufacturers. When the original STEPS data base was completed with prices through 1980, the ASM prices for 1980 were not yet published. Consequently, prices for 1980 had to be estimated from ASM prices for 1978 to 1979. The lag in availability of ASM and CM data has continued through the 1982 update, which results in a two-part procedure to update industrial sector LPG prices. Estimated data for 1980 (1981 for the 1982 update) are replaced with actual ASM data as they become available. Second, prices are estimated for years when data are not yet available. States missing actual ASM prices when they are published are assigned the estimated prices.

Actual ASM/CM data are converted into prices using Equation 149. For the 1981 update, the prices were imputed using an equation similar to Equation 150 on page 143. For the 1982 update inserting actual 1981 ASM prices and estimating 1982 prices the equation remains the same except the fraction in front of the summation sign becomes "1/4" and the "80" above the summation sign becomes "81."

$$RAVGXX = \frac{1}{3} \sum_{t=78}^{80} (LGINPPXX_t \div LGAPXX_t) \quad (149.1)$$

where:

RAVGXX = average ratio of STEPS industrial sector LPG prices to
Agricultural Prices LPG prices

LGINPPXX_t = final industrial sector LPG price (STEPS) for State XX
in year t (\$/gallon)

LGAPXX_t = Agricultural Prices LPG price for State XX in year t
(\$/gallon)

Calculation of prices continues with Equation 152.

The conversion equation (Equation 153) for the LPG industrial sector is altered as follows for the 1982 update:

$$LGINBPXX = (LGINPPXX \cdot 42) \div 3.643 \quad (153.1)$$

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APPENDIX A

CONVERSION FACTORS

TABLE A.1. Btu Conversion Factors for 1981 and 1982

Fuel	Sector	Conversion Factor	
		1981	1982
1. Electricity	All	3412 Btu/kWh	3412 Btu/kWh
2. Natural Gas	Residential	See Table A.2	See Table A.2
	Commercial	See Table A.2	See Table A.2
	Industrial	See Table A.2	See Table A.2
	Transportation	See Table A.2	See Table A.2
	Electric Utility	Embedded in data ^(a)	Embedded in data ^(a)
3. Metallurgical Coal	Industrial	26.0 Million Btu/ton	26.0 Million Btu/ton
4. Steam Coal	Residential	25.97 MMBtu/ton	24.96 MMBtu/ton
	Industrial	25.97 MMBtu/ton	24.96 MMBtu/ton
	Electric Utility	Embedded in data ^(a)	Embedded in data ^(a)
5. Distillate Fuel	Residential	0.13869 MMBtu/gallon	5.825 MMBtu/barrel
	Commercial	0.13869 MMBtu/gallon	5.825 MMBtu/barrel
	Industrial	0.13869 MMBtu/gallon	5.825 MMBtu/barrel
	Electric Utility	Embedded in data ^(a)	Embedded in data ^(a)
6. Motor Gasoline	Transportation	0.12507 MMBtu/gallon	5.253 MMBtu/barrel
7. Diesel Fuel	Transportation	0.14 MMBtu/gallon	5.825 MMBtu/barrel
8. Kerosene/Jet Fuel	All	0.135 MMBtu/gallon	5.670 MMBtu/barrel
9. Residual Fuel	Commercial	6.287 MMBtu/barrel	6.287 MMBtu/barrel
	Industrial	6.287 MMBtu/barrel	6.287 MMBtu/barrel
	Transportation	6.287 MMBtu/barrel	6.287 MMBtu/barrel
	Electric Utility	Embedded in data ^(a)	Embedded in data ^(a)
10. LPG	Residential	10.917 gallons/MMBtu	3.836 MMBtu/barrel
	Industrial	0.0875 MMBtu/gallon	3.643 MMBtu/barrel

(a) Cost and Quality publishes both physical and Btu prices so no conversion factor is explicitly used.

TABLE A.2. Natural Gas Conversion Factors by State, 1981 and 1982
(Btu per cubic foot)

<u>State</u>	<u>1981</u>	<u>1982</u>	<u>State</u>	<u>1981</u>	<u>1982</u>
AK	1004	1000	MT	1011	1011
AL	1036	1052	NC	1012	1033
AR	1001	1002	ND	1042	1026
AZ	1053	1054	NE	978	981
CA	1048	1049	NH	1022	1020
CO	994	1000	NJ	1034	1031
CT	1025	1027	NM	1047	1045
DC	1014	1017	NV	1076	1070
DE	1035	1033	NY	1020	1023
FL	1059	1044	OH	1023	1029
GA	1027	1030	OK	1035	1023
HI	959	989	OR	1044	1044
IA	1003	1008	PA	1022	1028
ID	1070	1072	RI	1022	1036
IL	1020	1022	SC	1023	1030
IN	993	1016	SD	1002	999
KS	987	999	TN	1016	1024
KY	1014	1014	TX	1032	1032
LA	1037	1047	UT	1073	939
MA	1016	1024	VA	1024	1027
MD	1014	1018	VT	993	993
ME	1025	1025	WA	1050	1053
MI	1017	1022	WI	1009	1012
MN	995	1005	WV	1040	1047
MO	1015	1018	WY	1059	1002
MS	1025	1028	US	1027	1025

Source: Energy Information Administration, Natural Gas Annual

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