

Table ET1. Primary Energy, Electricity, and Total Energy Price and Expenditure Estimates, Selected Years, 1970-2020, Ohio

Year	Primary Energy													Electric Power Sector i,k,l	Electricity Retail Sales	Total Energy h,i,j	
	Coal			Natural Gas a	Petroleum						Nuclear Fuel	Biomass					
	Coking Coal	Steam Coal	Total		Distillate Fuel Oil b	HGL c	Jet Fuel d	Motor Gasoline e	Residual Fuel Oil	Other f		Total	Wood and Waste g,h				Total h,i,j,k
Prices in Dollars per Million Btu																	
1970	0.42	0.34	0.36	0.74	1.13	1.74	0.74	2.93	0.61	1.63	2.20	—	1.18	0.98	0.30	4.68	1.50
1975	1.57	1.03	1.14	1.30	2.53	3.78	2.09	4.73	2.14	3.20	3.83	—	1.44	2.00	0.98	7.94	3.06
1980	2.00	1.47	1.56	3.27	6.44	5.69	6.38	9.45	3.34	7.46	7.80	0.28	2.26	4.06	1.50	12.97	6.23
1985	2.05	1.68	1.71	5.32	7.68	10.36	6.04	9.15	4.21	8.65	8.74	1.09	2.20	4.81	1.70	16.90	8.25
1990	1.80	1.51	1.54	4.54	7.76	10.99	5.73	9.35	2.60	7.33	8.57	1.24	1.99	4.39	1.50	17.33	8.27
1995	1.57	1.42	1.43	4.59	7.13	8.57	4.02	9.30	2.70	7.60	8.26	1.00	1.51	4.27	1.38	18.37	8.55
2000	1.66	1.46	1.46	6.29	10.26	12.51	6.57	12.13	4.00	8.34	10.73	0.46	1.66	5.56	1.38	18.84	10.42
2005	3.41	1.56	1.63	11.49	16.80	18.44	12.95	18.02	6.69	11.82	16.64	0.37	4.09	8.77	1.59	20.80	15.39
2006	3.77	1.74	1.82	12.33	18.92	20.42	14.64	20.35	7.57	14.69	18.86	0.39	4.15	9.75	1.70	22.67	17.14
2007	3.77	1.75	1.84	11.41	20.28	22.83	15.93	22.73	7.37	14.59	20.58	0.41	4.41	10.18	1.76	23.26	17.77
2008	4.62	2.10	2.21	12.88	26.97	27.47	22.70	25.98	10.07	16.41	24.79	0.48	5.24	11.95	2.03	24.67	20.36
2009	5.72	2.44	2.58	10.10	17.40	23.43	12.49	19.16	6.17	15.43	18.00	0.56	4.35	9.37	2.25	26.52	16.99
2010	6.22	2.28	2.50	8.72	21.11	R 24.63	16.30	22.67	10.36	16.23	21.54	0.65	4.42	9.85	2.19	26.89	18.11
2011	6.56	2.51	2.77	8.08	27.38	R 29.21	22.59	28.76	15.55	19.20	27.42	0.69	4.90	11.91	2.47	26.56	20.43
2012	6.66	2.47	2.89	6.42	27.95	R 24.74	22.95	29.64	16.83	18.57	27.92	0.75	4.71	R 12.04	2.32	26.84	20.49
2013	5.28	2.30	2.58	6.60	27.98	R 25.54	22.00	28.79	16.61	20.73	27.60	0.80	4.91	11.63	2.30	27.08	19.88
2014	4.39	2.21	2.43	7.33	27.12	R 28.60	20.90	27.75	15.91	R 22.96	R 27.02	0.77	5.20	R 11.63	2.31	28.62	19.76
2015	4.10	2.17	2.40	5.80	18.55	R 19.30	11.85	19.78	10.19	R 19.14	R 19.11	0.72	4.03	R 9.08	1.95	29.34	R 16.56
2016	3.59	2.09	2.27	5.24	15.78	R 18.45	9.75	17.96	7.30	R 16.32	R 16.94	0.68	3.34	R 8.25	1.89	28.95	R 15.60
2017	3.88	1.96	2.19	6.20	18.22	R 23.28	12.15	19.60	9.78	R 17.75	R 18.96	0.74	3.39	R 9.21	1.94	28.96	R 16.70
2018	4.25	1.81	2.16	5.83	21.83	R 24.89	15.82	21.50	11.03	R 18.69	R 21.27	0.72	3.73	R 9.87	2.03	29.24	R 17.44
2019	5.01	1.84	2.39	R 5.51	20.81	R 20.14	14.64	20.92	10.99	R 20.33	R 20.61	0.67	3.75	R 9.82	R 1.86	28.19	R 16.96
2020	4.70	1.82	2.25	5.08	16.73	16.95	9.50	17.11	8.26	17.41	16.75	0.64	2.97	8.12	1.60	27.79	15.30
Expenditures in Million Dollars																	
1970	146.6	414.6	561.2	769.2	224.5	56.3	24.4	1,637.3	17.6	248.5	2,208.5	—	9.0	3,547.9	-245.5	1,344.1	4,646.5
1975	519.3	1,326.6	1,845.8	1,243.3	621.6	129.9	70.7	2,949.3	117.1	423.5	4,312.2	—	11.5	7,412.8	-1,046.9	2,773.5	9,139.4
1980	549.5	1,837.5	2,387.0	2,887.6	1,828.0	886.1	259.2	5,623.4	122.1	909.0	9,627.7	6.4	41.7	14,950.5	-1,729.9	4,904.7	18,125.3
1985	287.8	2,092.0	2,379.8	3,944.8	1,637.3	985.4	245.3	5,225.9	33.6	890.6	9,018.0	22.6	51.1	15,457.5	-1,919.3	7,080.8	20,619.0
1990	239.0	1,953.0	2,192.0	3,391.3	1,699.6	429.3	343.5	5,425.5	20.1	935.6	8,853.6	140.0	51.7	14,710.6	-1,919.5	8,321.6	21,112.7
1995	117.2	1,856.7	1,973.8	4,071.5	1,666.8	436.2	256.2	5,623.3	12.7	906.6	8,901.8	178.8	56.9	15,180.9	-1,923.1	9,828.7	23,086.5
2000	73.3	2,018.8	2,092.2	5,601.4	2,915.0	549.6	695.0	7,651.9	22.4	1,226.8	13,060.8	81.1	84.4	20,919.8	-2,075.2	10,498.9	29,343.5
2005	175.1	2,236.5	2,411.5	9,518.5	5,236.5	882.9	1,366.6	11,663.5	58.5	1,341.2	20,549.2	57.3	91.9	32,631.3	-2,493.4	11,248.4	41,386.2
2006	235.9	2,410.2	2,646.1	9,104.8	6,071.8	891.0	1,534.9	13,120.9	63.0	1,796.3	23,477.9	67.9	94.9	35,441.6	-2,636.4	11,734.5	44,539.7
2007	238.7	2,450.8	2,689.5	9,136.1	6,787.3	759.0	1,638.5	14,506.4	40.5	1,932.3	25,663.8	67.5	106.3	37,685.8	-2,765.7	12,692.2	47,612.3
2008	295.5	2,886.7	3,182.1	10,170.1	8,377.1	827.8	2,316.9	16,128.4	77.3	2,301.8	30,029.4	87.3	140.1	43,608.9	-3,138.1	13,261.6	53,732.5
2009	314.7	2,957.8	3,272.5	7,411.8	4,844.8	780.2	902.4	11,754.6	27.0	1,658.9	19,967.9	89.4	99.2	30,841.0	-3,111.4	13,076.6	40,806.2
2010	483.2	2,909.3	3,392.6	6,742.5	6,259.4	900.5	R 532.0	13,890.7	41.0	R 1,394.6	R 23,018.1	107.1	129.1	R 33,389.4	-3,229.0	13,976.9	R 44,137.3
2011	501.1	2,881.3	3,382.4	6,576.7	8,190.5	R 1,084.8	R 710.0	17,128.3	46.7	R 1,547.4	R 28,707.7	106.8	146.0	R 38,919.7	-3,389.7	13,856.1	R 49,386.1
2012	675.7	2,264.9	2,940.6	5,388.4	8,053.2	R 764.4	R 613.0	17,592.0	20.6	R 1,558.5	R 28,601.7	134.2	138.2	R 37,203.1	-2,919.4	13,788.3	R 48,072.0
2013	555.1	2,297.9	2,853.0	6,029.9	8,211.5	R 864.5	586.0	17,284.6	53.1	R 1,729.1	R 28,728.8	135.4	164.0	R 37,911.2	-3,037.0	13,715.0	R 48,589.2
2014	457.1	2,110.6	2,567.7	7,440.1	8,297.5	R 1,025.9	R 609.3	16,645.5	35.0	R 1,793.3	R 28,406.5	131.3	174.9	R 38,720.4	-2,981.1	14,538.3	R 50,277.6
2015	422.1	1,657.1	2,079.2	5,676.2	5,604.4	R 621.5	R 375.2	12,100.5	27.4	R 1,641.6	R 20,370.5	130.1	129.5	R 28,385.4	-2,256.5	14,759.0	R 40,888.0
2016	340.7	1,528.8	1,869.5	4,933.2	4,576.6	R 617.7	R 337.4	11,067.6	27.9	R 1,426.0	R 18,053.2	120.1	105.7	R 25,081.8	-2,144.7	14,699.8	R 37,636.9
2017	373.9	1,401.0	1,774.9	5,846.8	5,364.1	R 785.6	R 376.0	12,068.7	25.1	R 1,355.3	R 19,974.8	136.4	105.4	R 27,838.9	-2,179.6	14,297.2	R 39,956.5
2018	431.6	1,117.1	1,548.7	6,776.8	6,629.5	R 878.9	R 571.8	13,121.7	26.6	R 1,520.7	R 22,749.0	137.6	R 114.6	R 31,329.7	-2,353.6	15,073.6	R 44,049.7
2019	512.9	904.6	1,417.6	R 6,502.3	6,159.7	R 787.2	R 472.0	R 12,639.8	21.1	R 1,544.4	R 21,624.3	118.8	R 114.5	R 29,777.5	R -1,975.3	14,106.9	R 41,909.2
2020	390.7	859.9	1,250.7	5,789.2	4,838.4	630.5	294.5	8,985.6	18.1	1,350.6	16,117.8	121.2	86.0	23,364.9	-1,715.5	13,344.7	34,994.1

a Includes supplemental gaseous fuels that are commingled with natural gas.
b Beginning in 2009, includes biodiesel blended into distillate fuel oil.
c Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.
d Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."
e Beginning in 1993, includes fuel ethanol blended into motor gasoline.
f Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.
g Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
h There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and biomass waste beginning in 1989.
i There are no direct fuel costs for hydroelectric, geothermal, solar, or wind energy.

j For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.
k Electricity imports are included in total primary energy and electric power sector but are not shown separately.
l Expenditures for fuels purchased for electric power generation, included in the expenditure columns for the primary energy sources, are shown as negative expenditures because they need to be removed from total energy expenditures, to avoid double-counting.
Where shown, R = Revised data and (s) = Value less than 0.05 million dollars.
Where shown, — = No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

OHIO Table ET2. Total End-Use Energy Price and Expenditure Estimates, Selected Years, 1970-2020, Ohio

Year	Primary Energy										Electricity Retail Sales	Total Energy ^{h,i,j}	
	Coal	Natural Gas ^a	Petroleum						Biomass	Total ^{h,i,j}			
			Distillate Fuel Oil ^b	HGL ^c	Jet Fuel ^d	Motor Gasoline ^e	Residual Fuel Oil	Other ^f					Wood and Waste ^{g,h}
Prices in Dollars per Million Btu													
1970	0.43	0.74	1.14	1.74	0.74	2.93	0.60	1.63	2.21	1.18	1.18	4.68	1.50
1975	1.48	1.30	2.54	3.78	2.08	4.73	2.13	3.20	3.86	1.44	2.41	7.94	3.06
1980	1.79	3.28	6.46	5.69	6.38	9.45	3.31	7.46	7.83	2.26	5.22	12.97	6.23
1985	1.79	5.32	7.70	10.36	6.04	9.15	4.18	8.65	8.76	2.39	6.51	16.90	8.25
1990	1.64	4.54	7.79	10.99	5.73	9.35	2.54	7.33	8.58	2.32	6.17	17.33	8.27
1995	1.50	4.61	7.18	8.57	4.02	9.30	2.70	7.60	8.28	1.52	6.13	18.37	8.55
2000	1.55	6.31	10.32	12.51	6.57	12.13	4.01	8.34	10.74	1.68	8.35	18.84	10.42
2005	2.86	11.57	16.86	18.44	12.95	18.02	6.69	12.96	16.79	4.19	14.02	20.80	15.39
2006	3.24	12.48	19.00	20.42	14.64	20.35	7.57	15.95	19.03	4.24	15.76	22.67	17.14
2007	3.31	11.60	20.33	22.83	15.93	22.73	7.37	15.51	20.73	4.49	16.36	23.26	17.77
2008	4.07	12.96	27.04	27.47	22.70	25.98	10.07	17.67	25.01	5.63	19.25	24.67	20.36
2009	4.90	10.43	17.45	23.43	12.49	19.16	6.17	16.86	18.16	4.67	14.53	26.52	16.99
2010	5.15	9.04	21.15	R 24.63	16.30	22.67	10.36	18.39	21.77	4.75	15.73	26.89	18.11
2011	5.50	8.56	27.44	R 29.21	22.59	28.76	15.55	21.74	27.70	5.26	18.74	26.56	20.43
2012	5.91	7.33	28.00	R 24.74	22.95	29.64	16.83	R 21.32	28.25	5.36	18.71	26.84	20.49
2013	4.86	7.22	28.02	R 25.54	22.00	28.79	16.61	24.91	27.99	5.57	R 17.99	27.08	19.88
2014	4.17	8.02	27.16	R 28.60	20.90	27.75	15.91	R 26.86	R 27.33	5.80	R 17.55	28.62	19.76
2015	3.99	6.82	18.59	19.30	11.85	19.78	10.19	R 22.47	R 19.35	4.40	R 13.29	29.34	R 16.56
2016	3.57	6.19	15.82	R 18.45	9.75	17.96	7.30	R 18.79	R 17.14	3.54	R 12.04	28.95	R 15.60
2017	3.91	7.20	18.25	23.28	12.15	19.60	9.78	R 20.45	R 19.15	3.66	R 13.51	28.96	R 16.70
2018	4.22	6.95	21.87	R 24.89	15.82	21.50	11.03	R 22.81	R 21.58	4.16	R 14.41	29.24	R 17.44
2019	4.91	7.00	20.84	R 20.14	14.64	20.92	10.99	R 22.85	R 20.78	4.12	R 14.11	28.19	R 16.96
2020	4.63	6.80	16.75	16.95	9.50	17.11	8.26	21.20	17.00	3.26	11.98	27.79	15.30

Expenditures in Million Dollars													
1970	330.7	760.6	221.1	56.3	24.4	1,637.3	14.6	248.5	2,202.1	9.0	3,302.4	1,344.1	4,646.5
1975	858.4	1,237.0	588.1	129.9	69.2	2,949.3	99.1	423.5	4,259.1	11.5	6,365.9	2,773.5	9,139.4
1980	745.6	2,873.9	1,773.3	886.1	259.2	5,623.4	108.5	909.0	9,559.4	41.7	13,220.6	4,904.7	18,125.3
1985	510.8	3,941.2	1,619.2	985.4	245.3	5,225.9	29.7	890.6	8,996.1	48.9	13,538.2	7,080.8	20,619.0
1990	432.6	3,388.1	1,685.4	429.3	343.5	5,425.5	17.5	935.6	8,836.7	51.7	12,791.1	8,321.6	21,112.7
1995	260.0	4,054.1	1,652.2	436.2	256.2	5,623.3	12.7	906.6	8,887.2	56.5	13,257.8	9,828.7	23,086.5
2000	179.9	5,551.3	2,884.2	549.6	695.0	7,651.9	22.1	1,226.8	13,029.7	83.7	18,844.6	10,498.9	29,343.5
2005	308.9	9,252.3	5,182.7	882.9	1,366.6	11,663.5	58.5	1,333.0	20,487.3	89.4	30,137.9	11,248.4	41,386.2
2006	368.2	8,920.1	6,032.1	891.0	1,534.9	13,120.9	63.0	1,782.6	23,424.5	92.4	32,805.2	11,734.5	44,539.7
2007	377.1	8,842.3	6,732.0	759.0	1,638.5	14,506.4	40.5	1,920.6	25,597.0	103.8	34,920.1	12,692.2	47,612.3
2008	472.8	9,916.6	8,314.3	827.8	2,316.9	16,128.4	77.3	2,285.9	29,950.7	130.7	40,470.9	13,261.6	53,732.5
2009	475.9	7,246.1	4,809.2	780.2	902.4	11,754.6	27.0	1,641.5	19,914.9	92.6	27,729.6	13,076.6	40,806.2
2010	641.9	6,451.1	6,206.3	900.5	R 532.0	13,890.7	41.0	R 1,377.5	R 22,947.9	119.4	R 30,160.4	13,976.9	R 44,137.3
2011	658.8	6,148.4	8,115.1	R 1,084.8	R 710.0	17,128.3	46.7	R 1,501.1	R 28,586.1	136.6	R 35,530.0	13,856.1	R 49,386.1
2012	815.6	4,865.0	7,984.6	R 764.4	R 613.0	17,592.0	20.6	R 1,503.7	R 28,478.3	124.8	R 34,283.7	13,788.3	R 48,072.0
2013	686.1	5,393.2	8,150.6	R 864.5	586.0	17,284.6	53.1	R 1,707.1	R 28,645.9	149.0	R 34,874.2	13,715.0	R 48,589.2
2014	586.0	6,684.9	8,217.1	R 1,025.9	R 609.3	16,645.5	35.0	R 1,778.8	R 28,311.6	156.9	R 35,739.3	14,538.3	R 50,277.6
2015	524.1	5,172.3	5,571.9	R 621.5	R 375.2	12,100.5	27.4	R 1,624.2	R 20,320.7	111.8	R 26,129.0	14,759.0	R 40,888.0
2016	405.4	4,431.6	4,548.9	R 617.7	R 337.4	11,067.6	27.9	R 1,410.9	R 18,010.4	89.6	R 22,937.0	14,699.8	R 37,636.9
2017	430.9	5,209.9	5,334.2	R 785.6	R 376.0	12,068.7	25.1	R 1,339.2	R 19,928.8	R 89.7	R 25,659.3	14,297.2	R 39,956.5
2018	482.1	5,711.1	6,587.4	R 878.9	R 571.8	13,121.7	26.6	R 1,496.9	R 22,683.2	R 99.7	R 28,976.1	15,073.6	R 44,049.7
2019	557.1	R 5,563.3	6,132.0	R 787.2	R 472.0	R 12,639.8	21.1	R 1,530.2	R 21,582.3	R 99.5	R 27,802.3	14,106.9	R 41,909.2
2020	431.3	5,058.2	4,824.0	630.5	294.5	8,985.6	18.1	1,331.9	16,084.6	75.3	21,649.5	13,344.7	34,994.1

^a Includes supplemental gaseous fuels that are commingled with natural gas.
^b Beginning in 2009, includes biodiesel blended into distillate fuel oil.
^c Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.
^d Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."
^e Beginning in 1993, includes fuel ethanol blended into motor gasoline.
^f Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.
^g Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
^h There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and biomass waste beginning in 1989.

ⁱ There are no direct fuel costs for hydroelectric, geothermal, solar, or wind energy.
^j For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.
Where shown, R = Revised data and (s) = Value less than 0.05 million dollars.
Where shown, — = No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
Notes: Price estimates are weighted averages of price estimates and expenditure estimates are the sum of expenditure estimates for the residential, commercial, industrial, and transportation sectors. Expenditure totals may not equal sum of components due to independent rounding.
Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table ET3. Residential Sector Energy Price and Expenditure Estimates, Selected Years, 1970-2020, Ohio

Year	Primary Energy								Electricity Retail Sales	Total Energy ^e
	Coal ^a	Natural Gas ^b	Petroleum				Biomass	Total ^e		
			Distillate Fuel Oil	HGL ^c	Kerosene	Total	Wood ^d			
Prices in Dollars per Million Btu										
1970	1.05	0.88	1.41	2.11	1.42	1.53	0.57	0.98	6.99	1.68
1975	2.62	1.47	2.51	4.53	2.90	2.96	1.12	1.74	10.93	3.11
1980	3.07	3.49	6.63	7.66	8.07	6.94	2.87	3.91	16.29	6.33
1985	3.00	5.79	7.55	10.09	8.21	8.34	3.24	5.98	22.49	9.68
1990	2.80	5.09	7.43	12.05	8.54	9.08	3.56	5.52	23.58	10.10
1995	2.64	5.26	6.12	9.58	6.28	7.54	2.90	5.47	25.20	10.63
2000	2.47	7.39	9.25	13.23	9.22	11.44	4.41	7.80	25.23	12.69
2005	3.83	12.46	15.34	19.74	15.45	17.52	6.91	12.85	24.93	16.78
2006	3.70	13.85	17.13	21.73	19.59	19.80	7.96	14.33	27.39	18.94
2007	3.63	12.99	19.11	23.78	22.94	21.82	8.79	13.78	28.05	18.70
2008	—	13.97	24.13	28.39	23.36	26.64	10.83	15.11	29.48	19.94
2009	—	12.18	16.34	25.00	23.58	22.33	8.13	13.11	31.27	19.22
2010	—	10.76	20.36	25.03	25.05	23.57	9.60	11.92	33.15	19.55
2011	—	10.45	27.23	29.35	28.35	28.67	11.54	12.08	33.48	19.70
2012	—	9.59	27.14	26.73	29.74	26.90	12.85	11.02	34.46	19.99
2013	—	9.12	28.15	26.68	30.40	27.17	12.58	10.50	35.20	18.97
2014	—	9.58	27.28	30.87	32.79	29.83	12.27	11.09	36.62	19.38
2015	—	8.89	17.86	23.60	16.93	21.64	8.45	9.83	37.51	19.31
2016	—	8.40	15.46	23.60	13.50	21.01	7.22	9.40	36.56	19.44
2017	—	9.06	17.60	28.71	16.88	25.18	8.08	10.35	37.00	19.82
2018	—	8.53	19.20	29.23	26.01	26.09	8.94	9.91	36.81	19.14
2019	—	8.98	18.42	24.86	22.77	23.07	8.60	10.20	36.28	19.06
2020	—	8.90	15.53	21.15	14.79	19.47	7.11	9.72	36.01	19.11
Expenditures in Million Dollars										
1970	21.9	414.0	76.5	31.0	24.1	131.6	1.9	569.4	531.1	1,100.5
1975	19.9	643.4	157.8	83.6	33.8	275.2	3.9	942.5	1,039.7	1,982.1
1980	8.3	1,396.3	286.8	74.2	46.5	407.5	25.2	1,837.3	1,859.9	3,697.2
1985	13.5	1,978.7	204.2	127.5	43.8	375.6	29.7	2,397.5	2,604.3	5,001.8
1990	8.8	1,632.3	205.1	191.9	30.2	427.2	35.1	2,103.5	3,049.0	5,152.4
1995	3.4	1,954.1	142.5	180.5	26.7	349.7	15.4	2,322.5	3,784.4	6,107.0
2000	1.4	2,648.2	161.4	324.0	21.9	507.3	15.5	3,172.4	4,002.2	7,174.6
2005	2.4	4,195.1	255.2	369.1	38.7	663.0	45.7	4,906.2	4,585.5	9,491.7
2006	0.9	3,917.8	218.5	385.7	40.5	644.6	46.7	4,610.1	4,800.8	9,410.8
2007	1.2	4,035.3	277.9	459.9	31.6	769.4	57.0	4,863.0	5,204.0	10,066.9
2008	—	4,453.9	320.6	577.5	16.0	914.2	78.6	5,446.7	5,371.4	10,818.1
2009	—	3,708.0	169.7	569.3	27.8	766.7	54.6	4,529.3	5,484.4	10,013.8
2010	—	3,157.6	195.7	503.6	24.4	723.8	69.0	3,950.4	6,162.0	10,112.4
2011	—	3,084.5	245.6	573.4	19.0	838.0	80.5	4,003.0	6,133.4	10,136.4
2012	—	2,486.1	200.5	405.3	7.6	613.4	74.9	3,174.4	6,148.5	9,322.9
2013	—	2,813.0	212.6	446.5	7.6	666.7	95.7	3,575.5	6,264.3	9,839.8
2014	—	3,257.0	220.4	563.6	17.6	801.6	94.5	4,153.0	6,598.2	10,751.2
2015	—	2,713.3	146.1	390.9	5.7	542.6	57.7	3,313.6	6,590.6	9,904.1
2016	—	2,310.1	112.9	398.4	5.7	517.0	43.1	2,870.2	6,551.2	9,421.4
2017	—	2,514.6	135.8	493.4	4.2	633.4	46.0	3,193.9	6,287.0	9,481.0
2018	—	2,741.2	165.3	552.7	7.0	725.0	61.0	R 3,527.3	6,839.8	R 10,367.1
2019	—	2,779.0	152.9	535.1	6.5	694.6	R 57.9	R 3,531.4	6,464.5	R 9,995.9
2020	—	2,590.9	115.0	389.4	5.1	509.5	40.8	3,141.1	6,457.2	9,598.3

^a Beginning in 2008, consumption data are no longer collected and are assumed to be zero.
^b Includes supplemental gaseous fuels that are commingled with natural gas.
^c Hydrocarbon gas liquids, assumed to be propane only.
^d Wood and wood-derived fuels.
^e There are no direct fuel costs for geothermal or solar energy.

Where shown, R = Revised data, — = No consumption, and (s) = Value less than 0.05 million dollars.
 Note: Expenditure totals may not equal sum of components due to independent rounding.
 Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.
 Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

OHIO Table ET4. Commercial Sector Energy Price and Expenditure Estimates, Selected Years, 1970-2020, Ohio

Year	Primary Energy										Electricity Retail Sales	Total Energy ^{f,g,h}
	Coal	Natural Gas ^a	Petroleum					Biomass	Total ^{f,g,h}			
			Distillate Fuel Oil	HGL ^b	Kerosene	Motor Gasoline ^c	Residual Fuel Oil			Wood and Waste ^{e,f}		
Prices in Dollars per Million Btu												
1970	0.40	0.75	1.20	1.37	0.84	2.93	0.69	1.26	0.57	0.77	6.33	1.91
1975	1.31	1.31	2.33	2.74	2.48	4.73	2.20	2.73	1.12	1.51	10.10	3.53
1980	1.34	3.26	6.28	5.11	6.01	9.45	3.58	7.10	2.87	3.73	15.71	7.02
1985	1.49	5.34	6.12	9.29	8.21	9.15	4.18	7.15	3.24	5.21	20.91	10.67
1990	1.44	4.50	5.53	9.28	8.54	9.35	2.54	7.22	3.45	4.59	21.31	11.15
1995	1.44	4.74	4.30	7.70	6.28	9.30	2.69	5.81	2.76	4.68	22.04	11.57
2000	1.47	6.73	7.12	10.95	9.22	12.13	—	8.94	2.99	6.78	21.93	13.16
2005	2.34	11.18	13.60	16.28	15.45	18.02	6.69	14.61	6.58	11.09	23.24	16.53
2006	2.59	12.35	15.61	18.03	19.59	20.35	7.57	16.93	7.96	12.58	24.73	18.40
2007	2.73	11.32	17.28	19.47	22.94	22.73	7.37	18.69	6.23	11.79	25.42	18.14
2008	4.83	12.28	23.62	23.19	23.36	25.98	10.07	23.74	10.83	13.04	27.06	19.32
2009	5.22	10.01	14.18	18.55	23.58	19.16	6.17	15.56	8.13	10.43	28.30	18.35
2010	4.35	8.94	17.93	19.51	25.05	22.67	10.36	18.63	9.60	9.80	28.52	18.37
2011	4.61	8.29	24.22	22.83	28.35	28.76	15.55	24.04	11.54	9.67	28.21	18.16
2012	4.97	6.88	24.74	16.80	29.74	29.64	16.83	23.61	12.85	8.60	27.76	17.80
2013	4.70	5.99	24.50	17.90	30.40	28.79	—	23.26	12.58	7.50	27.40	16.41
2014	4.34	7.38	22.64	20.15	32.79	27.75	—	22.24	11.21	8.43	28.80	17.15
2015	4.29	6.05	13.35	11.28	16.93	19.78	—	16.39	6.65	7.52	29.50	16.99
2016	4.20	5.34	11.28	10.49	13.50	17.96	—	14.51	6.58	6.78	29.23	16.94
2017	5.83	5.69	13.62	14.07	16.88	19.60	—	16.64	7.27	7.42	29.46	17.10
2018	—	5.55	17.02	14.59	26.01	21.50	—	18.89	8.06	7.49	29.62	16.73
2019	—	5.60	15.66	11.62	22.77	20.92	—	17.62	7.91	7.39	28.47	16.09
2020	—	5.26	10.58	10.74	14.79	17.11	—	13.66	6.59	6.65	27.92	15.45
Expenditures in Million Dollars												
1970	6.5	140.0	13.0	3.9	0.7	6.2	3.6	27.4	(s)	173.9	368.9	542.8
1975	23.2	227.6	29.0	9.8	1.5	23.7	20.1	84.2	0.1	335.0	690.8	1,025.8
1980	13.7	551.1	94.8	9.6	4.4	102.2	8.5	219.5	0.6	784.9	1,250.1	2,035.0
1985	23.7	799.0	75.3	22.7	20.5	29.0	2.2	149.7	0.7	973.3	2,081.8	3,055.2
1990	18.2	671.2	61.9	28.6	9.2	52.0	0.4	152.0	3.9	846.0	2,533.6	3,379.7
1995	12.5	862.0	42.8	28.1	3.2	21.2	0.1	95.3	2.2	971.9	3,014.8	3,986.7
2000	6.8	1,247.2	72.1	51.9	6.9	33.1	—	164.0	3.4	1,421.4	3,339.1	4,760.5
2005	17.3	1,945.3	100.5	67.3	19.6	25.7	4.6	217.7	7.6	2,187.8	3,716.3	5,904.2
2006	6.2	1,885.1	138.9	47.8	17.8	47.9	1.3	253.9	7.8	2,153.1	3,893.0	6,046.1
2007	8.4	1,885.2	176.5	71.7	10.9	53.5	(s)	312.7	11.1	2,217.4	4,174.9	6,392.3
2008	31.2	2,133.5	266.7	93.9	5.5	50.4	0.5	417.0	12.0	2,593.6	4,367.4	6,961.0
2009	30.5	1,673.6	201.4	77.5	3.8	31.2	(s)	313.9	7.7	2,025.7	4,380.3	6,405.9
2010	26.2	1,446.8	252.1	75.1	3.8	31.9	0.4	363.2	9.0	1,845.1	4,528.1	6,373.3
2011	23.7	1,380.0	320.7	88.4	2.0	14.3	0.5	426.0	10.4	1,840.1	4,534.9	6,375.0
2012	17.4	1,034.4	359.1	48.5	1.1	14.8	(s)	423.5	10.1	1,485.4	4,428.6	5,914.0
2013	18.2	1,044.7	318.9	64.0	0.8	14.8	—	398.6	11.5	1,473.1	4,367.5	5,840.6
2014	15.3	1,431.9	258.4	75.1	1.7	13.6	—	348.8	11.9	1,807.9	4,618.3	6,426.2
2015	9.4	1,079.6	157.7	35.9	0.6	303.6	—	497.8	8.9	1,595.8	4,743.2	6,339.0
2016	5.1	875.2	133.7	37.9	1.0	275.7	—	448.2	7.7	1,336.2	4,762.1	6,098.2
2017	0.1	959.1	163.9	53.9	0.6	305.5	—	523.9	8.5	1,491.7	4,640.0	6,131.7
2018	—	1,059.6	209.4	62.9	1.2	340.3	—	613.7	9.2	1,682.6	4,768.8	6,451.4
2019	—	1,059.2	193.6	55.3	1.2	333.4	—	583.6	8.5	1,651.3	4,469.9	6,121.2
2020	—	912.2	133.1	61.8	0.7	274.8	—	470.4	7.4	1,390.0	4,116.1	5,506.1

^a Includes supplemental gaseous fuels that are commingled with natural gas.

^b Hydrocarbon gas liquids, assumed to be propane only.

^c Beginning in 1993, includes fuel ethanol blended into motor gasoline. There is a discontinuity in the expenditure series between 2014 and 2015 because of changes in consumption estimates from the source. See Consumption Technical Notes, Section 4.

^d Includes small amounts of petroleum coke not shown separately.

^e Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

^f There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and biomass waste beginning in 1989.

^g There are no direct fuel costs for hydroelectric, geothermal, solar, or wind energy.

^h For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.

Where shown, R = Revised data and (s) = Value less than 0.05 million dollars.

Where shown, — = No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

Notes: Expenditure totals may not equal sum of components due to independent rounding. The commercial sector includes commercial combined-heat-and-power (CHP) and commercial electricity-only plants.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table ET5. Industrial Sector Energy Price and Expenditure Estimates, Selected Years, 1970-2020, Ohio

Year	Primary Energy												Electricity Retail Sales	Total Energy ^{f,g,h}
	Coal			Natural Gas ^a	Petroleum					Biomass	Total ^{f,g,h}			
	Coking Coal	Steam Coal	Total		Distillate Fuel Oil	HGL ^b	Motor Gasoline ^c	Residual Fuel Oil	Other ^d	Total		Wood and Waste ^{e,f}		
Prices in Dollars per Million Btu														
1970	0.42	0.40	0.41	0.57	0.77	1.44	2.93	0.55	1.44	1.26	1.69	0.60	2.90	0.84
1975	1.57	1.31	1.47	1.08	2.31	2.98	4.73	2.17	2.84	2.66	1.69	1.59	5.61	2.16
1980	2.00	1.34	1.79	3.01	5.45	5.56	9.45	3.31	6.83	5.80	1.67	3.46	9.73	4.37
1985	2.05	1.49	1.78	4.66	6.39	10.43	9.15	4.18	7.79	8.41	1.67	4.68	11.75	6.20
1990	1.80	1.44	1.63	3.92	6.14	10.33	9.35	2.54	6.22	6.59	1.12	3.75	11.81	5.72
1995	1.57	1.44	1.50	3.79	4.76	7.83	9.30	2.69	6.51	6.38	1.26	3.80	12.21	6.00
2000	1.66	1.47	1.55	4.93	8.15	11.65	12.13	4.02	7.29	7.76	1.44	4.92	12.82	7.03
2005	3.41	2.34	2.89	10.75	14.62	17.63	18.02	6.69	10.96	12.96	2.66	9.84	14.96	11.15
2006	3.77	2.59	3.25	11.16	16.69	19.50	20.35	7.57	13.66	15.18	2.53	10.66	16.43	12.05
2007	3.77	2.73	3.33	10.25	18.57	21.94	22.73	7.37	13.11	15.06	2.41	10.15	16.89	11.85
2008	4.62	3.19	4.02	12.22	25.41	26.23	25.98	10.07	15.34	17.92	2.70	12.16	18.16	13.68
2009	5.72	3.61	4.88	8.36	15.23	20.33	19.16	6.17	13.88	14.49	2.49	9.33	19.70	12.03
2010	6.22	3.23	5.19	7.15	18.82	R 25.53	22.67	10.36	R 14.78	17.27	2.43	R 9.00	18.75	R 11.46
2011	6.56	3.50	5.54	6.56	25.38	R 30.83	28.76	15.55	R 17.33	21.70	2.53	R 9.68	17.93	11.82
2012	6.66	3.70	5.93	5.30	25.58	R 24.19	29.64	16.83	R 17.26	21.17	2.39	9.03	18.27	11.34
2013	5.28	3.51	4.87	5.81	24.98	R 26.16	28.79	16.61	R 21.07	23.14	2.29	9.35	18.23	R 11.47
2014	4.39	3.47	4.17	6.66	23.37	R 27.90	27.75	15.92	R 22.85	R 23.68	2.76	R 9.45	19.84	R 11.80
2015	4.10	3.54	3.98	5.00	15.00	R 15.62	19.78	10.25	R 18.47	R 17.11	2.62	R 7.44	20.57	R 10.51
2016	3.59	3.45	3.57	4.48	12.07	R 13.93	17.96	7.30	R 15.07	R 14.10	2.14	R 6.50	20.45	R 9.80
2017	3.88	4.12	3.91	6.25	14.59	R 18.72	19.60	9.78	R 16.49	R 16.21	1.99	R 7.89	20.27	R 10.87
2018	4.25	4.01	4.22	6.16	17.71	R 21.78	21.50	11.09	R 18.81	R 18.80	1.84	R 8.35	20.55	R 11.17
2019	5.01	3.95	4.91	5.82	16.69	R 15.27	20.92	11.30	R 18.97	R 17.98	2.03	R 8.09	19.20	R 10.70
2020	4.70	4.06	4.63	5.54	12.30	13.73	17.11	8.36	17.47	15.27	1.68	7.51	18.05	9.97
Expenditures in Million Dollars														
1970	146.6	155.3	301.9	206.6	50.5	20.7	29.7	7.9	177.6	286.3	7.1	801.8	443.4	1,245.2
1975	519.3	296.0	815.2	366.0	149.7	34.7	37.7	73.0	306.0	601.1	7.5	1,789.8	1,042.0	2,831.7
1980	549.5	174.1	723.6	926.5	396.8	797.9	57.3	95.1	712.4	2,059.5	15.8	3,725.5	1,792.6	5,518.1
1985	287.8	185.8	473.5	1,163.5	257.8	819.7	51.6	27.5	666.6	1,823.3	18.6	3,479.3	2,391.2	5,870.5
1990	239.0	166.5	405.5	1,084.4	213.5	193.1	47.8	17.0	702.5	1,174.0	12.6	2,677.3	2,736.5	5,413.8
1995	117.2	126.9	244.1	1,237.3	161.9	214.9	58.1	11.7	683.3	1,129.8	38.9	2,650.1	3,026.6	5,676.7
2000	73.3	98.3	171.7	1,653.3	230.6	164.8	44.6	21.9	976.8	1,438.7	64.8	3,328.5	3,154.7	6,483.2
2005	175.1	114.2	289.2	3,105.5	511.4	423.8	219.7	53.9	996.5	2,205.2	36.1	5,636.0	2,942.2	8,578.2
2006	235.9	125.2	361.1	3,111.1	575.0	433.5	257.4	61.7	1,361.7	2,689.3	37.9	6,199.4	3,036.3	9,235.7
2007	238.7	128.8	367.4	2,919.1	631.4	207.5	225.8	40.3	1,478.0	2,582.9	35.7	5,905.2	3,038.6	9,213.7
2008	295.5	146.2	441.7	3,327.2	928.8	109.7	203.9	76.8	1,846.6	3,165.8	40.2	6,974.8	3,517.7	10,492.5
2009	314.7	130.8	445.5	1,863.9	464.2	109.3	145.4	26.9	1,229.4	1,975.2	30.3	4,314.9	3,207.7	7,522.6
2010	483.2	132.5	615.7	1,846.1	655.0	R 317.5	161.1	40.6	R 994.4	R 2,168.6	41.4	R 4,671.8	3,283.7	R 7,955.5
2011	501.1	134.0	635.1	1,683.1	761.3	R 418.4	228.6	46.2	R 1,076.1	R 2,530.6	45.7	R 4,894.5	3,185.6	R 8,080.1
2012	675.7	122.5	798.2	1,343.6	886.8	R 307.8	235.6	20.6	R 1,115.6	R 2,566.5	39.7	R 4,748.0	3,208.8	R 7,956.8
2013	555.1	112.7	667.8	1,530.4	855.7	R 350.4	234.8	53.1	R 1,316.0	R 2,810.0	41.8	R 5,050.0	3,080.3	R 8,130.3
2014	457.1	113.5	570.6	1,988.5	872.8	R 382.8	141.1	35.0	R 1,363.5	R 2,795.0	50.6	R 5,404.8	3,318.2	R 8,723.0
2015	422.1	92.6	514.7	1,372.4	531.3	R 191.1	158.7	27.1	R 1,211.8	R 2,120.1	45.2	R 4,052.4	3,422.2	R 7,474.7
2016	340.7	59.6	400.3	1,235.4	409.2	R 177.3	142.5	27.9	R 1,036.0	R 1,793.0	38.8	R 3,467.5	3,383.3	R 6,850.8
2017	373.9	56.9	430.8	1,729.0	534.6	R 236.3	157.3	25.1	R 984.8	R 1,938.1	35.1	R 4,133.0	3,367.2	R 7,500.2
2018	431.6	50.4	482.1	1,903.8	659.8	R 259.7	176.1	26.2	R 1,130.3	R 2,252.2	29.4	R 4,667.4	3,462.4	R 8,129.8
2019	512.9	44.1	557.1	1,718.2	510.1	R 188.9	169.0	20.0	R 1,168.2	R 2,056.2	33.2	R 4,364.7	3,170.0	R 7,534.7
2020	390.7	40.6	431.3	1,540.4	450.1	177.0	139.1	17.7	1,013.0	1,796.9	27.2	3,795.9	2,769.0	6,564.9

^a Includes supplemental gaseous fuels that are commingled with natural gas.
^b Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.
^c Beginning in 1993, includes fuel ethanol blended into motor gasoline. There is a discontinuity in the expenditure series between 2014 and 2015 because of changes in consumption estimates from the source. See Consumption Technical Notes, Section 4.
^d Includes asphalt and road oil, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.
^e Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
^f There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and biomass waste beginning in 1989.

^g There are no direct fuel costs for hydroelectric, geothermal, solar, or wind energy.
^h For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Where shown, R = Revised data and (s) = Value less than 0.05 million dollars.
 Where shown, — = No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
 Notes: Expenditure totals may not equal sum of components due to independent rounding. The industrial sector includes industrial combined-heat-and-power (CHP) and industrial electricity-only plants.
 Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.
 Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table ET6. Transportation Sector Energy Price and Expenditure Estimates, Selected Years, 1970-2020, Ohio

Year	Primary Energy										Electricity Retail Sales	Total Energy ^f	
	Coal	Natural Gas ^a	Petroleum							Total ^f			
			Aviation Gasoline	Distillate Fuel Oil ^b	HGL ^c	Jet Fuel ^d	Lubricants	Motor Gasoline ^e	Residual Fuel Oil				Total
Prices in Dollars per Million Btu													
1970	0.40	—	2.17	1.26	1.37	0.74	5.08	2.93	0.64	2.66	2.66	4.05	2.66
1975	1.31	—	3.45	2.76	2.74	2.08	7.48	4.73	1.61	4.38	4.38	7.63	4.39
1980	—	—	9.02	6.95	5.11	6.38	14.36	9.45	3.02	8.87	8.87	13.51	8.87
1985	—	—	9.99	8.28	10.60	6.04	18.18	9.15	—	8.93	8.93	22.10	8.93
1990	—	3.04	9.32	8.44	11.44	5.73	20.61	9.35	2.70	9.04	9.04	16.45	9.04
1995	—	4.27	8.36	8.01	12.90	4.02	21.75	9.30	2.72	8.77	8.77	17.14	8.77
2000	—	5.45	10.87	10.83	16.13	6.57	23.20	12.13	3.23	11.32	11.32	16.01	11.32
2005	—	13.90	18.56	17.37	22.10	12.95	35.22	18.02	—	17.45	17.45	26.46	17.45
2006	—	14.41	22.31	19.51	23.85	14.64	43.88	20.35	7.46	19.72	19.71	29.69	19.72
2007	—	8.15	23.70	20.72	26.05	15.93	47.16	22.73	7.90	21.69	21.68	29.25	21.68
2008	—	7.81	27.23	27.59	29.99	22.70	55.12	25.98	—	26.27	26.26	31.29	26.26
2009	—	4.43	20.32	18.02	24.82	12.49	56.07	19.16	—	18.62	18.61	31.45	18.62
2010	—	4.33	25.19	21.72	27.14	16.30	58.80	22.67	—	R 22.42	22.41	25.27	R 22.42
2011	—	8.07	31.64	27.88	30.37	22.59	69.54	28.76	—	28.55	28.55	19.47	28.55
2012	—	9.79	33.04	28.61	23.20	22.95	72.11	29.64	—	29.40	29.40	20.45	R 29.39
2013	—	16.24	32.71	28.66	24.51	22.00	69.42	28.79	—	28.79	28.78	19.41	28.78
2014	—	14.13	33.16	27.94	27.13	20.90	69.44	27.75	11.38	R 27.84	27.83	25.73	27.83
2015	—	12.73	24.86	19.39	16.60	11.85	67.28	19.78	6.13	19.70	R 19.70	22.52	R 19.70
2016	—	11.82	21.62	16.60	15.66	9.75	65.78	17.96	4.45	R 17.57	R 17.56	23.25	R 17.56
2017	—	12.76	24.13	19.08	19.91	12.15	67.25	19.60	—	19.47	R 19.47	21.97	19.47
2018	—	12.29	27.04	22.85	20.53	15.82	72.37	21.50	7.86	21.92	21.91	21.48	21.91
2019	—	12.64	25.57	21.71	18.05	14.64	74.92	20.92	7.41	21.19	21.19	20.01	21.19
2020	—	11.98	22.34	17.83	18.04	9.50	75.34	17.11	5.40	17.33	17.32	19.67	17.32

Expenditures in Million Dollars													
1970	0.4	—	7.8	81.2	0.7	24.4	38.3	1,601.5	3.1	1,756.8	1,757.3	0.7	1,758.0
1975	0.1	—	8.5	251.5	1.9	69.2	73.6	2,887.8	6.0	3,298.5	3,298.6	1.2	3,299.8
1980	—	—	21.5	994.9	4.4	259.2	124.1	5,463.9	4.8	6,872.9	6,872.9	2.1	6,875.0
1985	—	—	16.6	1,081.8	15.4	245.3	143.0	5,145.3	—	6,647.5	6,688.1	3.4	6,691.5
1990	—	0.2	11.2	1,204.9	15.7	343.5	182.4	5,325.7	0.1	7,083.5	7,164.3	2.5	7,166.8
1995	—	0.8	9.9	1,305.0	12.7	256.2	183.7	5,544.0	1.0	7,312.5	7,313.3	2.9	7,316.2
2000	—	2.6	11.9	2,420.1	9.0	695.0	209.3	7,574.2	0.2	10,919.7	10,922.4	2.9	10,925.2
2005	—	6.4	10.3	4,315.6	22.7	1,366.6	268.0	11,418.1	—	17,401.3	17,407.8	4.3	17,412.1
2006	—	6.0	37.3	5,099.7	24.0	1,534.9	325.3	12,815.5	(s)	19,836.7	19,842.7	4.4	19,847.1
2007	—	2.6	39.2	5,646.3	19.8	1,638.5	361.0	14,227.0	0.2	21,932.0	21,934.6	4.8	21,939.3
2008	—	2.1	26.0	6,798.3	46.7	2,316.9	391.8	15,874.1	—	25,453.8	25,455.9	5.1	25,460.9
2009	—	0.6	22.2	3,974.0	24.1	902.4	358.3	11,578.0	—	16,859.1	16,859.7	4.2	16,863.9
2010	—	0.7	19.0	5,103.5	R 4.3	R 532.0	335.9	13,697.7	—	R 19,692.4	R 19,693.0	3.1	R 19,696.1
2011	—	0.7	22.4	6,787.5	R 4.7	R 710.0	381.5	16,885.4	—	R 24,791.6	R 24,792.3	2.3	R 24,794.6
2012	—	0.9	20.8	6,538.2	R 2.8	R 613.0	358.6	17,341.6	—	R 24,874.9	R 24,875.8	2.4	R 24,878.2
2013	—	5.0	18.3	6,763.4	R 3.5	R 586.0	364.3	17,035.0	—	R 24,770.6	R 24,775.6	2.9	R 24,778.5
2014	—	7.5	17.7	6,865.6	R 4.4	R 609.3	378.3	16,490.8	(s)	R 24,366.2	R 24,373.7	3.6	R 24,377.3
2015	—	7.0	9.9	4,736.8	R 3.5	R 375.2	396.2	11,638.2	0.2	R 17,160.2	R 17,167.2	3.0	R 17,170.2
2016	—	10.9	8.7	3,893.1	R 4.1	R 337.4	359.5	10,649.4	(s)	R 15,252.3	R 15,263.2	3.2	R 15,266.4
2017	—	7.2	11.2	4,499.9	R 1.9	R 376.0	338.4	11,606.0	—	R 16,833.4	R 16,840.7	2.9	R 16,843.6
2018	—	6.5	11.6	5,552.9	R 3.5	R 571.8	346.9	12,605.3	0.4	R 19,092.3	R 19,098.8	2.6	R 19,101.4
2019	—	R 6.9	12.2	5,275.3	R 7.9	R 472.0	342.0	R 12,137.4	1.1	R 18,247.9	R 18,254.8	2.6	R 18,257.4
2020	—	14.6	9.3	4,125.9	2.3	294.5	303.8	8,571.7	0.4	13,307.9	13,322.5	2.3	13,324.9

^a Transportation use of natural gas to operate pipelines and, since 1990, also includes vehicle fuel.
^b Beginning in 2009, includes biodiesel blended into distillate fuel oil.
^c Hydrocarbon gas liquids, assumed to be propane only.
^d Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Industrial Sector, Other Petroleum."
^e Beginning in 1993, includes fuel ethanol blended into motor gasoline.
^f For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline

column.
Where shown, R = Revised data and (s) = Value less than 0.05 million dollars.
Where shown, — = No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table ET7. Electric Power Sector Price and Expenditure Estimates, Selected Years, 1970-2020, Ohio

Year	Coal	Natural Gas ^a	Petroleum				Nuclear Fuel	Biomass	Electricity Imports ^c	Total Energy ^d
			Distillate Fuel Oil	Petroleum Coke	Residual Fuel Oil	Total		Wood and Waste ^b		
Prices in Dollars per Million Btu										
1970	0.29	0.39	0.75	—	0.69	0.72	—	0.65	—	0.30
1975	0.95	1.19	2.35	—	2.18	2.29	—	0.92	—	0.98
1980	1.48	2.90	5.72	—	3.58	5.11	0.28	1.74	—	1.50
1985	1.69	5.09	6.09	—	4.43	5.71	1.09	0.79	—	1.70
1990	1.52	2.55	5.40	—	3.12	4.84	1.24	—	—	1.50
1995	1.42	2.28	3.91	—	—	3.91	1.00	0.70	—	1.38
2000	1.46	4.85	6.69	—	3.35	6.63	0.46	0.67	—	1.38
2005	1.53	9.26	12.78	0.78	—	4.20	0.37	2.28	16.53	1.59
2006	1.70	7.73	11.72	1.31	—	3.85	0.39	2.32	17.32	1.70
2007	1.71	7.63	16.16	1.35	—	5.57	0.41	2.42	18.25	1.76
2008	2.05	10.44	20.65	1.46	—	5.66	0.48	2.66	—	2.03
2009	2.39	4.26	12.71	1.72	—	4.10	0.56	2.20	12.10	2.25
2010	2.24	4.87	16.75	1.54	—	4.93	0.65	2.40	—	2.19
2011	2.47	4.49	22.32	4.01	—	8.16	0.69	2.44	—	2.47
2012	2.41	2.98	23.03	4.10	—	7.55	0.75	2.21	—	2.32
2013	2.25	3.82	22.88	1.48	—	4.73	0.80	2.26	—	2.30
2014	2.16	4.14	23.55	1.22	—	6.20	0.77	2.73	—	2.31
2015	2.12	2.28	13.54	1.29	—	3.13	0.72	2.62	—	1.95
2016	2.06	2.23	11.42	1.23	—	2.90	0.68	2.54	8.74	1.89
2017	1.92	2.90	14.15	1.48	—	3.54	0.74	2.40	9.18	1.94
2018	1.77	3.12	16.36	1.51	—	3.59	0.72	2.22	10.74	2.03
2019	1.79	^R 2.43	15.44	1.58	—	3.88	0.67	2.33	—	^R 1.86
2020	1.77	1.85	11.10	1.27	—	2.06	0.64	1.80	—	1.60
Expenditures in Million Dollars										
1970	230.5	8.6	3.4	—	3.0	6.4	—	(s)	—	245.5
1975	987.4	6.3	35.2	—	18.0	53.2	—	(s)	—	1,046.9
1980	1,641.4	13.7	54.7	—	13.6	68.3	6.4	(s)	—	1,729.9
1985	1,869.0	3.6	18.0	—	3.9	22.0	22.6	2.2	—	1,919.3
1990	1,759.5	3.2	14.2	—	2.7	16.9	140.0	—	—	1,919.5
1995	1,713.8	17.4	14.6	—	—	14.6	176.8	0.4	—	1,923.1
2000	1,912.3	50.1	30.8	—	0.3	31.1	81.1	0.7	—	2,075.2
2005	2,102.6	266.3	53.8	8.2	—	62.0	57.3	2.5	2.8	2,493.4
2006	2,277.9	184.8	39.7	13.7	—	53.4	67.9	2.5	49.9	2,636.4
2007	2,312.4	293.9	55.3	11.6	—	66.9	67.5	2.5	22.5	2,765.7
2008	2,709.3	253.5	62.8	15.9	—	78.7	87.3	9.3	—	3,138.1
2009	2,796.6	165.7	35.6	17.4	—	53.0	89.4	6.6	0.2	3,111.4
2010	2,750.7	291.4	53.1	17.1	—	70.2	107.1	9.7	—	3,229.0
2011	2,723.5	428.3	75.4	46.2	—	121.6	106.8	9.4	—	3,389.7
2012	2,125.0	523.3	68.6	54.8	—	123.4	134.2	13.4	—	2,919.4
2013	2,167.0	636.6	60.9	22.0	—	83.0	135.4	15.0	—	3,037.0
2014	1,981.8	755.2	80.3	14.6	—	94.9	131.3	17.9	—	2,981.1
2015	1,555.1	503.9	32.4	17.4	—	49.8	130.1	17.6	—	2,256.5
2016	1,464.2	501.6	27.7	15.1	—	42.7	120.1	16.1	0.1	2,144.7
2017	1,344.0	636.9	29.9	16.1	—	46.0	136.4	15.8	0.5	2,179.6
2018	1,066.7	1,065.6	42.0	23.7	—	65.7	137.6	14.9	3.0	2,353.6
2019	860.5	^R 939.0	27.7	14.3	—	41.9	118.8	15.0	—	^R 1,975.3
2020	819.3	731.1	14.4	18.7	—	33.1	121.2	10.7	—	1,715.5

^a Includes supplemental gaseous fuels that are commingled with natural gas.

^b Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

^c Electricity imported from Canada and Mexico.

^d There are no direct fuel costs for hydroelectric, geothermal, solar, or wind energy.

Where shown, R = Revised data, — = No consumption, and (s) = Value less than 0.05 million dollars.

Notes: Expenditure totals may not equal sum of components due to independent rounding. · The electric power

sector consists of electricity-only and combined-heat-and-power (CHP) plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. · Through 1988, data are for electric utilities only. Beginning in 1989, data include independent power producers.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.