

Table 1.5 Energy Consumption, Expenditures, and Emissions Indicators Estimates, Selected Years, 1949-2010

	Energy Consumption	Energy Consumption per Person	Energy Expenditures ¹	Energy Expenditures ¹ per Person	Gross Domestic Product (GDP)	Energy Expenditures ¹ as Share of GDP	Gross Domestic Product (GDP)	Energy Consumption per Real Dollar of GDP	Greenhouse Gas Emissions ² per Real Dollar of GDP	Carbon Dioxide Emissions ³ per Real Dollar of GDP
Year	Quadrillion Btu	Million Btu	Million Nominal Dollars ⁴	Nominal Dollars ⁴	Billion Nominal Dollars ⁴	Percent	Billion Chained (2005) Dollars ⁵	Thousand Btu per Chained (2005) Dollar ⁵	Metric Tons Carbon Dioxide Equivalent per Million Chained (2005) Dollars ⁵	Metric Tons Carbon Dioxide per Million Chained (2005) Dollars ⁵
1949	31.982	214	NA	NA	267.2	NA	1,844.7	17.34	NA	1,196
1950	34.616	227	NA	NA	293.7	NA	2,006.0	17.26	NA	1,187
1955	40.208	242	NA	NA	414.7	NA	2,500.3	16.08	NA	1,074
1960	^R 45.086	250	NA	NA	526.4	NA	2,830.9	15.93	NA	1,029
1965	^R 54.015	278	NA	NA	719.1	NA	3,610.1	14.96	NA	959
1970	^R 67.838	331	^R 82,860	404	1,038.3	8.0	4,269.9	15.89	NA	998
1975	^R 71.965	333	^R 171,773	^R 795	1,637.7	10.5	4,879.5	^R 14.75	NA	909
1976	^R 75.975	^R 348	^R 193,821	889	1,824.6	10.6	5,141.3	14.78	NA	915
1977	^R 77.961	354	^R 220,372	1,001	2,030.1	10.9	5,377.7	14.50	NA	901
1978	^R 79.950	359	^R 239,152	^R 1,074	2,293.8	10.4	5,677.6	^R 14.08	NA	862
1979	^R 80.859	359	^R 297,459	1,322	2,562.2	11.6	5,855.0	^R 13.81	NA	848
1980	^R 78.067	344	^R 374,244	1,647	2,788.1	13.4	5,839.0	^R 13.37	^R 1,011	817
1981	^R 76.106	332	^R 427,775	^R 1,864	3,126.8	13.7	5,987.2	^R 12.71	^R 969	775
1982	^R 73.099	316	^R 426,328	^R 1,840	3,253.2	13.1	5,870.9	^R 12.45	^R 940	751
1983	^R 72.971	312	^R 417,291	1,785	3,534.6	11.8	6,136.2	^R 11.89	^R 891	714
1984	^R 76.632	325	^R 435,034	1,845	3,930.9	11.1	6,577.1	^R 11.65	^R 876	701
1985	^R 76.392	321	^R 438,176	1,842	4,217.5	10.4	6,849.3	^R 11.15	^R 843	672
1986	^R 76.647	^R 319	^R 383,386	1,597	4,460.1	8.6	7,086.5	^R 10.82	^R 813	650
1987	^R 79.054	^R 326	^R 396,454	^R 1,636	4,736.4	8.4	7,313.3	^R 10.81	^R 812	651
1988	^R 82.709	^R 338	^R 410,380	^R 1,678	5,100.4	8.0	7,613.9	^R 10.86	^R 810	654
1989	^R 84.786	344	^R 437,521	1,773	5,482.1	8.0	7,885.9	^R 10.75	^R 793	643
1990	^R 84.485	^R 338	^R 472,444	1,893	5,800.5	8.1	8,033.9	^R 10.52	^R 763	^R 627
1991	^R 84.438	334	^R 470,435	1,860	5,992.1	7.9	8,015.1	^R 10.53	^R 759	^R 623
1992	^R 85.783	^R 334	^R 475,438	^R 1,853	6,342.3	7.5	8,287.1	^R 10.35	^R 749	^R 615
1993	^R 87.424	^R 336	^R 490,999	^R 1,889	6,667.4	7.4	8,523.4	^R 10.26	^R 738	^R 608
1994	^R 89.091	339	^R 504,073	1,916	7,085.2	7.1	8,870.7	^R 10.04	^R 720	^R 593
1995	^R 91.029	342	^R 513,947	1,930	7,414.7	6.9	9,093.7	^R 10.01	^R 708	^R 584
1996	^R 94.022	^R 349	^R 559,890	^R 2,078	7,838.5	7.1	9,433.9	^R 9.97	^R 703	^R 583
1997	^R 94.602	^R 347	^R 566,714	2,079	8,332.4	6.8	9,854.3	^R 9.60	^R 677	^R 566
1998	^R 95.018	^R 344	^R 525,515	^R 1,905	8,793.5	6.0	10,283.5	^R 9.24	^R 652	^R 547
1999	^R 96.652	^R 346	^R 556,392	1,994	9,353.5	5.9	10,779.8	^R 8.97	^R 626	^R 527
2000	^R 98.815	^R 350	^R 685,922	^R 2,431	9,951.5	6.9	11,226.0	^R 8.80	^R 618	^R 523
2001	^R 96.168	^R 337	^R 694,484	2,436	10,286.2	6.8	11,347.2	^R 8.48	^R 600	^R 508
2002	^R 97.693	340	^R 662,246	^R 2,301	10,642.3	6.2	11,553.0	^R 8.46	^R 596	^R 503
2003	^R 97.978	338	^R 754,708	^R 2,600	11,142.1	6.8	11,840.7	^R 8.27	^R 586	^R 495
2004	^R 100.148	342	^R 870,956	^R 2,973	11,867.8	7.3	12,263.8	^R 8.17	^R 577	^R 487
2005	^R 100.277	^R 339	^R 1,046,843	^R 3,541	12,638.4	8.3	12,638.4	^R 7.93	^R 563	^R 474
2006	^R 99.624	334	^R 1,159,485	^R 3,885	13,398.9	^R 8.7	12,976.2	^R 7.68	^R 542	^R 456
2007	^R 101.363	^R 336	^R 1,234,240	^R 4,095	^R 14,061.8	8.8	^R 13,228.9	^R 7.66	^R 541	^R 455
2008	^R 99.268	^R 326	^R 1,408,685	^R 4,631	^R 14,369.1	^R 9.8	^R 13,228.8	^R 7.50	^R 528	^R 441
2009	^R 94.475	308	^R 1,061,252	^R 3,461	^R 14,119.0	^R 7.5	^R 12,880.6	^R 7.33	^R 510	^R 421
2010 ^P	98.003	317	NA	NA	14,660.4	NA	13,248.2	7.40	NA	425

¹ Expenditures include taxes where data are available.

² Greenhouse gas emissions from anthropogenic sources. See Table 11.1.

³ Carbon dioxide emissions from energy consumption. See Table 11.2

⁴ See "Nominal Dollars" in Glossary.

⁵ See "Chained Dollars" in Glossary.

R=Revised. P=Preliminary. NA=Not available.

Web Page: For all data beginning in 1949, see <http://www.eia.gov/totalenergy/data/annual/#summary>.

Sources: **Energy Consumption:** Table 1.3. **Energy Expenditures:** Table 3.5. **Gross Domestic Product:** Table D1. **Population Data:** Table D1. **Greenhouse Gas Emissions:** Table 11.1. **Carbon Dioxide Emissions:** Table 11.2. **Other Columns:** Calculated by U.S. Energy Information Administration.