

Table 7. Energy Consumption Estimates by Source, Selected Years, 1960-2006, United States

Year	Coal	Net Imports of Coal Coke	Natural Gas ^a	Petroleum										Nuclear Electric Power	Hydro-electric Power ^e	Biomass ^{f,h}	Other ^{g,h}	Total ⁱ	
				Asphalt and Road Oil	Aviation Gasoline	Distillate Fuel Oil	Jet Fuel	Kero-sene	LPG ^b	Lubri-cants	Motor Gasoline ^c	Residual Fuel Oil	Other ^d						Total
				Million Short Tons	Billion Cubic Feet	Million Barrels													Billion Kilowatthours
1960	398	(s)	11,967	111	59	685	136	99	227	43	1,453	559	214	3,586	1	149	--	--	--
1965	472	-1	15,280	134	44	776	220	98	307	47	1,676	587	313	4,202	4	197	--	--	--
1970	523	-2	21,139	163	20	927	353	96	447	50	2,111	804	393	5,364	22	251	--	--	--
1975	563	1	19,538	153	14	1,041	365	58	486	50	2,436	899	455	5,958	173	303	--	--	--
1980	703	-1	19,877	145	13	1,049	391	58	538	58	2,408	918	665	6,242	251	279	--	--	--
1985	818	-1	17,281	155	10	1,047	445	42	584	53	2,493	439	473	5,740	384	284	--	--	--
1990	904	(s)	19,174	176	9	1,103	556	16	568	60	2,641	449	625	6,201	577	293	--	--	--
1995	962	2	22,207	178	8	1,170	553	20	693	57	2,843	311	637	6,469	673	311	--	--	--
1996	1,006	1	22,609	177	7	1,232	578	23	736	55	2,888	311	695	6,701	675	347	--	--	--
1997	1,030	2	22,737	184	8	1,254	583	24	744	58	2,926	291	724	6,796	629	356	--	--	--
1998	1,037	3	22,246	190	7	1,263	592	28	713	61	3,012	324	714	6,905	674	323	--	--	--
1999	1,039	2	22,405	200	8	1,304	611	27	801	62	3,077	303	733	7,125	728	320	--	--	--
2000	1,084	3	23,333	192	7	1,362	631	25	816	61	3,101	333	682	7,211	754	276	--	--	--
2001	1,060	1	22,239	189	7	1,404	604	26	746	56	3,143	296	700	7,172	769	217	--	--	--
2002	1,066	2	23,007	187	7	1,378	589	16	789	55	3,229	255	707	7,213	780	264	--	--	--
2003	1,095	2	22,277	184	6	1,433	576	20	757	51	3,261	282	742	7,312	764	276	--	--	--
2004	1,107	6	22,389	196	6	1,485	597	24	780	52	3,333	316	798	7,588	789	268	--	--	--
2005	1,126	2	22,011	199	7	1,503	613	25	741	51	3,343	336	774	7,593	782	270	--	--	--
2006	1,112	2	21,653	190	7	1,522	596	20	749	50	3,377	251	789	7,551	787	289	--	--	--

Trillion Btu																			
1960	9,831	-6	12,385	734	298	3,992	739	563	912	259	7,631	3,517	1,276	19,919	6	1,608	1,320	16	45,080
1965	11,582	-18	15,779	890	222	4,519	1,215	553	1,232	286	8,806	3,691	1,833	23,246	43	2,059	1,335	4	54,030
1970	12,269	-58	21,693	1,082	100	5,401	1,973	544	1,689	301	11,091	5,057	2,283	29,522	239	2,634	1,431	18	67,747
1975	12,656	14	19,977	1,014	71	6,061	2,047	329	1,807	304	12,798	5,649	2,651	32,732	1,900	3,155	1,499	91	72,023
1980	15,461	-35	R 20,227	962	64	6,110	2,190	329	1,976	354	12,648	5,772	3,799	34,204	2,739	2,900	R 2,472	181	R 78,150
1985	17,540	-13	R 17,714	1,029	50	6,098	2,497	236	2,103	322	13,098	2,759	2,733	30,925	4,076	2,970	2,923	338	R 76,524
1990	19,168	5	R 19,628	1,170	45	6,422	3,129	88	2,059	362	13,872	2,820	3,584	33,552	6,104	3,046	1,626	1,432	i R 84,624
1995	20,099	61	R 22,721	1,178	40	6,818	3,132	112	2,512	346	14,825	1,955	3,639	34,556	7,075	3,205	2,901	530	R 91,149
1996	21,002	23	R 23,151	1,176	37	7,175	3,274	128	2,660	335	15,064	1,952	3,958	35,759	7,087	3,590	3,014	557	R 94,183
1997	21,444	46	R 23,372	1,224	40	7,304	3,308	136	2,690	354	15,254	1,828	4,127	36,266	6,597	3,640	2,919	545	R 94,829
1998	21,583	67	R 22,912	1,263	35	7,359	3,357	162	2,575	371	15,701	2,036	4,075	36,933	7,068	3,297	2,726	517	R 95,104
1999	21,582	58	R 22,925	1,324	39	7,595	3,462	151	2,897	375	16,036	1,905	4,177	37,960	7,610	3,268	2,764	545	R 96,713
2000	22,576	65	R 23,711	1,276	36	7,935	3,580	140	2,945	369	16,155	2,091	3,874	38,402	7,862	2,811	2,783	555	R 98,765
2001	21,906	29	R 22,748	1,257	35	8,179	3,426	150	2,697	338	16,373	1,861	4,017	38,333	8,033	2,242	R 2,374	521	R 96,187
2002	21,903	61	R 23,738	1,240	34	8,028	3,340	90	2,852	334	16,819	1,605	4,058	38,400	8,143	2,689	R 2,397	570	R 97,900
2003	22,324	51	R 23,120	1,220	30	8,349	3,265	113	2,747	309	16,981	1,772	4,264	39,051	7,959	2,825	R 2,403	531	R 98,262
2004	22,465	138	R 22,799	1,304	31	8,652	3,383	133	2,824	313	17,379	1,990	4,584	40,593	8,222	2,690	R 2,510	586	R 100,003
2005	22,795	44	R 22,580	1,323	35	8,755	3,475	144	2,682	312	17,444	2,111	4,451	40,733	8,160	2,703	R 2,560	R 671	R 100,246
2006	22,446	61	22,191	1,261	33	8,864	3,379	111	2,701	303	17,622	1,581	4,564	40,420	8,214	2,869	2,579	742	99,521

^a Physical unit data include supplemental gaseous fuels (SGF) for all years; Btu data exclude SGF for 1980 forward.
^b Liquefied petroleum gases.
^c Beginning in 1993, includes fuel ethanol blended into motor gasoline.
^d "Other" is the subtotal of 16 petroleum products consumed in the industrial sector. See a full description in the Technical Notes, Section 4, "Other Petroleum Products."
^e Conventional hydroelectric power. Includes pumped-storage hydroelectricity, which cannot be separately identified, from 1960 through 1989.
^f Wood and waste. Prior to 2001, includes non-biomass waste.
^g "Other" is geothermal, wind, photovoltaic, solar thermal energy, and net imports of electricity.

^h The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.
ⁱ From 1981 through 1992, includes fuel ethanol blended into motor gasoline but not shown in the motor gasoline column.
^j There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
 -- = Not applicable.
 Where shown, R = Revised data and (s) = Value less than +0.5 and greater than -0.5.
 Note: Totals may not equal sum of components due to independent rounding.
 Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 8. Residential Sector Energy Consumption Estimates, Selected Years, 1960-2006, United States

Year	Coal Million Short Tons	Natural Gas ^a Billion Cubic Feet	Petroleum				Wood ^b Million Cords	Geothermal	Solar/PV ^d	Retail Electricity Sales	Net Energy	Electrical System Energy Losses ^e	Total
			Distillate Fuel Oil ^b	Kerosene ^b	LPG ^{b,c}	Total				Billion Kilowatthours			
										Million Barrels			
1960	24	3,103	269	62	85	417	31	--	--	201	--	--	--
1965	15	3,903	294	59	108	461	23	--	--	291	--	--	--
1970	9	4,837	322	53	153	528	20	--	--	466	--	--	--
1975	3	4,924	310	28	142	481	21	--	--	588	--	--	--
1980	1	4,752	226	19	88	333	42	--	--	717	--	--	--
1985	2	4,433	188	28	91	306	51	--	--	794	--	--	--
1990	1	4,391	168	11	101	280	29	--	--	924	--	--	--
1995	1	4,850	155	13	112	280	26	--	--	1,043	--	--	--
1996	1	5,241	159	16	131	306	27	--	--	1,083	--	--	--
1997	1	4,984	150	16	127	294	21	--	--	1,076	--	--	--
1998	1	4,520	133	19	120	272	19	--	--	1,130	--	--	--
1999	1	4,726	142	20	148	309	20	--	--	1,145	--	--	--
2000	(s)	4,996	155	17	156	328	22	--	--	1,192	--	--	--
2001	(s)	4,771	156	17	148	321	19	--	--	1,202	--	--	--
2002	1	4,889	148	11	150	308	19	--	--	1,265	--	--	--
2003	1	5,079	155	12	155	323	20	--	--	1,276	--	--	--
2004	1	4,869	159	15	147	321	21	--	--	1,292	--	--	--
2005	(s)	4,827	147	15	143	304	R 23	--	--	1,359	--	--	--
2006	(s)	4,368	122	12	127	261	21	--	--	1,352	--	--	--

Trillion Btu

1960	578	3,212	1,568	354	343	2,265	627	0	0	687	7,370	1,702	9,071
1965	348	4,019	1,713	334	434	2,481	468	0	0	993	8,309	2,372	10,681
1970	207	4,953	1,878	298	579	2,755	401	0	0	1,591	9,907	3,853	13,760
1975	62	5,024	1,807	161	528	2,495	425	0	0	2,007	10,014	4,829	14,842
1980	31	R 4,786	1,316	107	325	1,748	846	0	0	2,448	R 9,859	R 5,906	R 15,765
1985	39	R 4,512	1,092	159	327	1,578	1,010	0	0	2,709	R 9,848	R 6,241	R 16,088
1990	31	R 4,474	978	64	365	1,407	582	f 6	f 56	3,153	f R 9,708	R 7,296	f R 17,004
1995	17	R 4,944	905	74	404	1,383	520	7	65	3,557	R 10,493	R 8,080	R 18,573
1996	16	R 5,350	926	89	473	1,488	540	7	65	3,694	R 11,161	R 8,401	R 19,562
1997	16	R 5,088	874	93	461	1,428	428	7	65	3,671	R 10,703	R 8,319	R 19,022
1998	12	R 4,637	772	108	434	1,314	380	8	65	3,856	R 10,272	R 8,746	R 19,018
1999	14	R 4,822	828	111	534	1,473	400	9	64	3,906	R 10,687	R 8,935	R 19,623
2000	11	R 5,067	905	95	564	1,563	430	9	61	4,069	R 11,209	R 9,256	R 20,465
2001	11	R 4,872	908	95	535	1,539	374	9	60	4,100	R 10,965	R 9,138	R 20,103
2002	12	R 4,971	860	60	543	1,463	380	10	59	4,317	R 11,211	R 9,625	R 20,836
2003	12	R 5,207	905	70	564	1,539	400	13	58	4,353	R 11,582	R 9,606	R 21,189
2004	R 11	R 4,949	924	85	532	1,541	410	14	59	4,408	R 11,392	R 9,753	R 21,145
2005	R 8	R 4,939	854	84	517	1,455	R 450	16	R 61	4,638	R 11,566	R 10,144	R 21,711
2006	6	4,464	712	66	458	1,236	410	18	67	4,611	10,812	9,972	20,785

^a Physical unit data include supplemental gaseous fuels (SGF) for all years; Btu data exclude SGF for 1980 forward.

^b The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

^c Liquefied petroleum gases.

^d Solar thermal and photovoltaic energy. Includes small amounts consumed by the commercial sector that cannot be separately identified. See Section 5 of the Technical Notes for explanation of estimation methodology.

^e Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for

electrical system energy losses.

^f There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

-- = Not applicable.

Where shown, R = Revised data and (s) = Value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

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

Table 9. Commercial Sector Energy Consumption Estimates, Selected Years, 1960-2006, United States

Year	Coal Million Short Tons	Natural Gas ^a Billion Cubic Feet	Petroleum						Hydro-electric Power ^f Billion kWh	Biomass ^{b,g}	Geothermal	Retail Electricity Sales	Net Energy	Electrical System Energy Losses ^h	Total ^{i,j}
			Distillate Fuel Oil ^b	Kerosene ^b	LPG ^{b,c}	Motor Gasoline ^d	Residual Fuel Oil ^b	Total ^e				Billion KWh			
			Million Barrels												
1960	17	1,020	85	8	15	13	89	210	0	--	--	159	--	--	--
1965	11	1,444	92	9	19	15	103	238	0	--	--	231	--	--	--
1970	7	2,399	101	11	27	16	114	269	0	--	--	352	--	--	--
1975	7	2,508	101	9	25	17	78	230	0	--	--	468	--	--	--
1980	5	2,611	89	7	16	20	90	222	0	--	--	559	--	--	--
1985	6	2,432	108	6	16	18	36	185	0	--	--	689	--	--	--
1990	5	2,623	92	2	18	21	37	170	0	--	--	838	--	--	--
1995	5	3,031	82	4	20	3	23	132	(s)	--	--	953	--	--	--
1996	5	3,158	83	4	23	5	22	137	(s)	--	--	980	--	--	--
1997	6	3,215	76	4	22	8	18	129	(s)	--	--	1,027	--	--	--
1998	4	2,999	74	5	21	7	14	121	(s)	--	--	1,078	--	--	--
1999	4	3,045	75	5	26	5	12	123	(s)	--	--	1,104	--	--	--
2000	4	3,182	84	5	28	9	15	140	(s)	--	--	1,159	--	--	--
2001	4	3,023	87	6	26	7	11	137	(s)	--	--	1,191	--	--	--
2002	4	3,144	76	3	27	9	13	127	(s)	--	--	1,205	--	--	--
2003	4	3,179	83	3	27	12	18	143	(s)	--	--	1,199	--	--	--
2004	5	3,129	81	4	26	9	19	138	(s)	--	--	1,230	--	--	--
2005	4	2,999	77	4	25	9	18	133	(s)	--	--	1,275	--	--	--
2006	3	2,835	69	3	22	9	12	115	(s)	--	--	1,300	--	--	--

Trillion Btu															
1960	402	1,056	494	48	61	67	559	1,228	0	12	0	543	3,240	1,344	4,584
1965	263	1,483	534	54	77	77	645	1,386	0	9	0	789	3,930	1,884	5,814
1970	163	2,455	587	61	102	86	714	1,551	0	8	0	1,201	5,377	2,910	8,287
1975	146	2,556	587	49	93	89	492	1,310	0	8	0	1,598	5,617	3,845	9,462
1980	117	R2,632	518	41	57	107	565	1,287	0	21	0	1,906	R5,963	R4,597	R10,560
1985	138	R2,472	631	33	58	96	228	1,045	0	24	0	2,351	R6,030	R5,418	R11,448
1990	124	R2,668	536	12	64	111	230	953	k 1	k 94	k 3	2,860	k R 6,703	R6,620	k R 13,323
1995	116	R3,091	479	22	71	18	141	732	1	113	5	3,252	R7,309	R7,388	R14,697
1996	120	R3,225	483	21	84	27	137	751	1	129	5	3,344	R7,575	R7,607	R15,182
1997	129	R3,283	444	25	81	43	111	704	1	131	6	3,503	R7,756	R7,939	R15,695
1998	101	R3,076	429	31	77	39	85	661	1	118	7	3,678	R7,642	R8,342	R15,984
1999	102	R3,111	438	27	94	28	73	661	1	121	7	3,766	R7,769	R8,614	R16,383
2000	86	R3,234	491	30	99	45	92	756	1	119	8	3,956	R8,159	R8,999	R17,158
2001	88	R3,089	508	31	94	37	70	742	1	R91	8	4,063	R8,082	R9,056	R17,138
2002	88	R3,208	444	16	96	45	80	681	(s)	R95	9	4,110	R8,190	R9,164	R17,355
2003	83	R3,277	481	19	100	60	111	771	1	R100	11	4,090	R8,333	R9,026	R17,359
2004	R103	R3,181	470	20	94	45	122	752	1	R105	12	4,198	R8,352	R9,289	R17,640
2005	R96	R3,074	447	22	91	46	116	722	1	R104	14	4,351	R8,360	R9,517	R17,877
2006	65	2,899	401	15	81	49	75	621	1	101	14	4,435	8,136	9,591	17,727

^a Physical unit data include supplemental gaseous fuels (SGF) for all years; Btu data exclude SGF for 1980 forward.
^b The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.
^c Liquefied petroleum gases.
^d Beginning in 1993, includes fuel ethanol blended into motor gasoline.
^e Includes small amounts of petroleum coke not shown separately.
^f Conventional hydroelectric power. Does not include pumped-storage hydroelectricity.
^g Wood and waste. Prior to 2001, includes non-biomass waste.
^h Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

ⁱ Small amounts of solar thermal and photovoltaic energy consumed in the commercial sector cannot be separately identified and are included in residential consumption.
^j From 1981 through 1992, includes fuel ethanol blended into motor gasoline but not shown in the motor gasoline column.
^k There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
 kWh = Kilowatthours. -- = Not applicable.
 Where shown, R = Revised data and (s) = Value less than 0.5.
 Note: Totals may not equal sum of components due to independent rounding.
 Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 10. Industrial Sector Energy Consumption Estimates, Selected Years, 1960-2006, United States

Year	Coal Million Short Tons	Net Imports of Coal Coke (s)	Natural Gas ^a Billion Cubic Feet	Petroleum									Hydro-electric Power ^f Billion kWh	Biomass ^{b,g}	Geo-thermal	Retail Electricity Sales Billion kWh	Net Energy	Electrical System Energy Losses ^h	Total ⁱ
				Asphalt and Road Oil ^b	Distillate Fuel Oil ^b	Kero-sene ^b	LPG ^{b,c}	Lubri-cants ^b	Motor Gasoline ^d	Residual Fuel Oil ^b	Other ^e	Total							
				Million Barrels															
1960	177	(s)	5,771	111	174	28	122	18	73	252	214	991	4	--	--	324	--	--	--
1965	201	-1	7,112	134	197	29	172	23	65	252	313	1,185	3	--	--	429	--	--	--
1970	187	-2	9,249	163	211	33	255	26	55	258	390	1,390	3	--	--	571	--	--	--
1975	147	1	8,365	153	230	21	308	25	43	240	455	1,474	3	--	--	688	--	--	--
1980	127	-1	8,198	145	227	32	429	30	30	215	664	1,772	3	--	--	815	--	--	--
1985	116	-1	6,867	155	192	8	469	27	41	119	472	1,484	3	--	--	837	--	--	--
1990	115	(s)	8,255	176	198	2	444	31	35	65	620	1,571	3	--	--	946	--	--	--
1995	106	2	9,384	178	194	3	557	29	38	54	624	1,677	5	--	--	1,013	--	--	--
1996	103	1	9,685	177	204	3	578	28	38	53	681	1,764	6	--	--	1,034	--	--	--
1997	102	2	9,714	184	207	3	590	30	41	46	707	1,808	6	--	--	1,038	--	--	--
1998	96	3	9,493	190	208	4	567	31	38	37	693	1,768	5	--	--	1,051	--	--	--
1999	93	2	9,158	200	204	2	624	32	29	33	714	1,838	5	--	--	1,058	--	--	--
2000	94	3	9,293	192	206	3	630	31	29	38	666	1,795	4	--	--	1,064	--	--	--
2001	91	1	8,463	189	223	4	568	29	57	32	683	1,786	3	--	--	997	--	--	--
2002	84	2	8,620	187	207	2	609	28	59	30	678	1,801	4	--	--	990	--	--	--
2003	86	2	8,273	184	195	4	570	26	62	35	713	1,790	4	--	--	1,012	--	--	--
2004	86	6	8,341	196	208	5	602	27	71	40	761	1,911	3	--	--	1,018	--	--	--
2005	84	2	7,709	199	217	7	566	26	68	45	733	1,862	3	--	--	1,019	--	--	--
2006	82	2	7,618	190	217	5	593	26	72	38	754	1,894	3	--	--	1,011	--	--	--

Trillion Btu

1960	4,548	-6	5,973	734	1,016	161	489	107	381	1,584	1,276	5,748	39	680	0	1,107	18,089	2,738	20,827
1965	5,134	-18	7,350	890	1,150	165	688	137	342	1,582	1,833	6,789	33	855	0	1,463	21,606	3,493	25,099
1970	4,664	-58	9,498	1,082	1,226	185	964	155	288	1,624	2,264	7,788	34	1,019	0	1,948	24,892	4,714	29,607
1975	3,658	14	8,571	1,014	1,339	119	1,144	149	223	1,509	2,649	8,148	32	1,063	0	2,346	23,832	5,643	29,475
1980	3,155	-35	R 8,362	962	1,324	181	1,577	182	158	1,349	3,794	9,527	33	1,600	0	2,781	R 25,423	R 6,705	R 32,128
1985	2,777	-13	R 7,057	1,029	1,119	44	1,690	166	218	748	2,726	7,741	33	1,875	0	2,855	R 22,325	R 6,574	R 28,899
1990	2,754	5	R 8,478	1,170	1,150	12	1,608	186	185	411	3,554	8,277	31	1,634	2	3,226	R 24,408	R 7,466	R 31,874
1995	2,500	61	R 9,639	1,178	1,131	15	2,019	178	200	337	3,558	8,617	55	1,847	3	3,455	R 26,177	R 7,849	R 34,026
1996	2,438	23	R 9,960	1,176	1,187	18	2,089	173	200	335	3,878	9,056	61	1,907	3	3,527	R 26,974	R 8,022	R 34,997
1997	2,396	46	R 10,071	1,224	1,203	19	2,134	182	212	291	4,026	9,290	58	1,915	3	3,542	R 27,322	R 8,028	R 35,350
1998	2,254	67	R 9,842	1,263	1,211	22	2,048	191	199	230	3,951	9,116	55	1,784	3	3,587	R 26,707	R 8,136	R 34,843
1999	2,188	58	R 9,401	1,324	1,187	13	2,256	193	152	207	4,064	9,396	49	1,791	4	3,611	R 26,497	R 8,260	R 34,756
2000	2,259	65	R 9,427	1,276	1,200	16	2,271	190	150	241	3,775	9,119	42	1,781	4	3,631	R 26,330	R 8,261	R 34,591
2001	2,194	29	R 8,643	1,257	1,300	23	2,054	174	295	203	3,914	9,220	33	R 1,571	5	3,400	R 25,095	R 7,579	R 32,673
2002	2,020	61	R 9,063	1,240	1,204	14	2,200	172	309	190	3,882	9,211	39	R 1,543	5	3,379	R 25,320	R 7,534	R 32,853
2003	2,044	51	R 8,747	1,220	1,136	24	2,068	159	324	220	4,089	9,240	43	R 1,506	3	3,454	R 25,089	R 7,622	R 32,711
2004	2,046	138	R 8,463	1,304	1,214	28	2,180	161	372	249	4,361	9,870	33	R 1,607	4	3,473	R 25,633	R 7,683	R 33,316
2005	1,954	44	R 7,911	1,323	1,264	39	2,047	160	356	281	4,207	9,678	32	R 1,600	4	3,477	R 24,700	R 7,606	R 32,306
2006	1,914	61	7,809	1,261	1,263	30	2,136	156	376	239	4,350	9,812	29	1,655	4	3,451	24,734	7,462	32,196

^a Physical unit data include supplemental gaseous fuels (SGF) for all years; Btu data exclude SGF for 1980 forward.

^b The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

^c Liquefied petroleum gases.

^d Beginning in 1993, includes fuel ethanol blended into motor gasoline.

^e "Other" is the subtotal of 16 petroleum products. See a full description in the Technical Notes, Section 4, "Other Petroleum Products."

^f Conventional hydroelectric power. Does not include pumped-storage hydroelectricity.

^g Wood and waste. Prior to 2001, includes non-biomass waste.

^h Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical

system energy losses.

ⁱ From 1981 through 1992, includes fuel ethanol blended into motor gasoline but not shown in the motor gasoline column.

^j There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

kWh = Kilowatthours. -- = Not applicable.

Where shown, R = Revised data and (s) = Value less than +0.5 and greater than -0.5.

Note: Totals may not equal sum of components due to independent rounding.

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

Table 11. Transportation Sector Energy Consumption Estimates, Selected Years, 1960-2006, United States

Year	Coal	Natural Gas ^a	Petroleum								Fuel Ethanol ^d	Retail Electricity Sales	Net Energy	Electrical System Energy Losses	Total ^d
			Aviation Gasoline ^b	Distillate Fuel Oil ^b	Jet Fuel ^b	LPG ^{b,c}	Lubricants ^b	Motor Gasoline ^d	Residual Fuel Oil ^b	Total					
	Million Short Tons	Billion Cubic Feet	Million Barrels								Million Barrels	Billion Kilowatthours			
1960	3	347	59	153	136	5	25	1,367	134	1,880	0	3	--	--	--
1965	1	501	44	188	220	8	24	1,596	123	2,203	0	3	--	--	--
1970	(s)	722	20	269	353	12	24	2,040	121	2,839	0	3	--	--	--
1975	(s)	583	14	364	362	11	26	2,377	113	3,267	0	3	--	--	--
1980	0	635	13	480	389	5	28	2,357	222	3,494	0	3	--	--	--
1985	0	504	10	544	445	8	26	2,434	125	3,591	^e R 14	4	--	--	--
1990	0	660	9	629	556	6	29	2,584	162	3,974	^R 17	5	--	--	--
1995	0	705	8	720	553	5	28	2,801	145	4,259	^R 32	5	--	--	--
1996	0	718	7	767	578	4	27	2,845	135	4,363	^R 23	5	--	--	--
1997	0	760	8	802	583	4	28	2,877	113	4,416	^R 29	5	--	--	--
1998	0	645	7	826	592	5	30	2,967	107	4,533	^R 32	5	--	--	--
1999	0	657	8	859	611	4	30	3,043	106	4,659	^R 34	5	--	--	--
2000	0	655	7	887	631	3	30	3,063	141	4,762	^R 39	5	--	--	--
2001	0	640	7	908	604	4	27	3,079	93	4,722	^R 40	5	--	--	--
2002	0	682	7	926	589	4	27	3,161	108	4,821	^R 48	6	--	--	--
2003	0	610	6	973	576	4	25	3,187	91	4,862	^R 66	7	--	--	--
2004	0	587	6	1,018	597	5	25	3,253	118	5,021	^R 83	7	--	--	--
2005	0	607	7	1,043	613	7	25	3,266	133	5,094	^R 94	8	--	--	--
2006	0	609	7	1,101	596	7	24	3,296	144	5,175	127	7	--	--	--

Trillion Btu															
1960	76	359	298	892	739	20	152	7,183	844	10,126	0	10	10,572	26	10,597
1965	16	518	222	1,093	1,215	33	149	8,386	770	11,868	0	10	12,412	24	12,435
1970	7	740	100	1,569	1,973	44	147	10,716	761	15,310	0	11	16,068	26	16,094
1975	1	595	71	2,121	2,029	42	155	12,485	711	17,614	0	10	18,219	24	18,244
1980	0	650	64	2,795	2,179	17	172	12,383	1,398	19,009	0	11	19,669	27	19,696
1985	0	521	50	3,170	2,497	28	156	12,784	786	19,471	^e R 51	14	^e R 20,056	33	^e R 20,089
1990	0	683	45	3,661	3,129	22	176	13,575	1,016	21,625	^R 61	16	^R 22,385	^R 37	^R 22,423
1995	0	728	40	4,195	3,132	17	168	14,607	911	23,069	^R 114	17	23,814	39	23,853
1996	0	740	37	4,469	3,274	15	163	14,837	851	23,647	^R 82	17	24,404	38	24,442
1997	0	790	40	4,672	3,308	13	172	14,999	712	23,917	^R 103	17	24,723	38	24,761
1998	0	667	35	4,812	3,357	17	180	15,463	674	24,537	^R 115	17	25,221	38	25,259
1999	0	675	39	5,001	3,462	13	182	15,855	665	25,218	^R 120	17	25,911	40	25,951
2000	0	672	36	5,165	3,580	11	179	15,960	888	25,820	^R 137	18	26,510	42	26,551
2001	0	656	35	5,292	3,426	13	164	16,041	586	25,556	^R 143	19	26,230	42	26,272
2002	0	711	34	5,392	3,340	13	162	16,465	677	26,084	^R 170	19	26,814	42	26,856
2003	0	633	30	5,666	3,265	16	150	16,597	571	26,296	^R 232	24	26,952	52	^R 27,004
2004	0	603	31	5,932	3,383	18	152	16,962	740	27,218	^R 292	25	27,846	55	27,901
2005	0	626	35	6,076	3,475	27	151	17,043	837	27,644	^R 334	26	28,296	^R 56	28,352
2006	0	631	33	6,414	3,379	26	147	17,197	906	28,103	450	25	28,759	55	28,813

^a Transportation use of natural gas is gas consumed in the operation of pipelines, primarily in compressors, and, since 1990, is also natural gas consumed as vehicle fuel.
^b The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.
^c Liquefied petroleum gases
^d Beginning in 1993, fuel ethanol blended into motor gasoline is included in motor gasoline. Fuel ethanol is also shown separately to display the use of renewable energy by the transportation sector. It is counted only once in

the total.
^e There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of renewable energy sources beginning in 1981.
 -- = Not applicable.
 Where shown, R = Revised data and (s) = Value less than 0.5.
 Note: Totals may not equal sum of components due to independent rounding.
 Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 12. Electric Power Sector Consumption Estimates, Selected Years, 1960-2006, United States

Year	Coal Million Short Tons	Natural Gas ^a Billion Cubic Feet	Petroleum				Nuclear Electric Power	Hydroelectric Power ^e	Biomass ^f	Geothermal	Solar/PV ^g	Wind	Electricity Net Imports ^h	Total
			Residual Fuel Oil ^{b,c}	Distillate Fuel Oil ^{b,d}	Petroleum Coke ^b	Total								
			Million Barrels											
1960	177	1,725	84	4	0	88	1	146	--	(s)	0	0	5	--
1965	245	2,321	110	5	0	115	4	194	--	(s)	0	0	(s)	--
1970	320	3,932	311	24	3	339	22	248	--	1	0	0	2	--
1975	406	3,158	467	39	(s)	506	173	300	--	3	0	0	6	--
1980	569	3,682	391	29	1	421	251	276	--	5	0	0	21	--
1985	694	3,044	159	15	1	175	384	281	--	9	(s)	(s)	41	--
1990	783	3,245	185	17	5	207	577	290	--	i 15	i (s)	i 3	2	--
1995	850	4,237	90	19	13	122	673	305	--	13	(s)	3	39	--
1996	897	3,807	100	19	13	132	675	341	--	14	1	3	40	--
1997	921	4,065	114	19	17	150	629	351	--	15	1	3	34	--
1998	937	4,588	167	23	21	210	674	318	--	15	1	3	26	--
1999	941	4,820	152	24	19	195	728	315	--	15	(s)	4	29	--
2000	986	5,206	139	30	16	185	754	271	--	14	(s)	6	34	--
2001	964	5,342	160	29	17	206	769	214	--	14	1	7	22	--
2002	978	5,672	105	22	29	156	780	260	--	14	1	10	21	--
2003	1,005	5,135	138	28	29	195	764	272	--	14	1	11	6	--
2004	1,016	5,464	140	19	37	196	789	265	--	15	1	14	11	--
2005	1,037	5,869	139	20	40	199	782	267	--	15	1	18	25	--
2006	1,027	6,222	57	13	36	105	787	286	--	15	1	27	18	--

Trillion Btu

1960	4,227	1,785	530	22	0	553	6	1,569	2	1	0	0	15	8,157
1965	5,821	2,408	693	29	0	722	43	2,026	3	4	0	0	(s)	11,028
1970	7,228	4,048	1,958	141	19	2,117	239	2,600	4	11	0	0	7	16,254
1975	8,789	3,232	2,937	226	2	3,166	1,900	3,122	2	70	0	0	21	20,302
1980	12,158	R 3,798	2,459	169	5	2,634	2,739	2,867	4	110	0	0	71	R 24,381
1985	14,586	R 3,153	998	85	7	1,090	4,076	2,937	14	198	(s)	(s)	140	R 26,195
1990	16,259	R 3,326	1,163	97	30	1,289	6,104	3,014	i 317	i 326	i 4	i 29	8	i R 30,675
1995	17,465	R 4,320	566	108	81	755	7,075	3,149	422	280	5	33	134	R 33,637
1996	18,428	R 3,876	628	109	80	817	7,087	3,528	438	300	5	33	137	R 34,649
1997	18,903	R 4,140	715	111	102	927	6,597	3,581	446	309	5	34	116	R 35,058
1998	19,216	R 4,690	1,047	136	124	1,306	7,068	3,241	444	311	5	31	88	R 36,400
1999	19,279	R 4,917	959	140	112	1,211	7,610	3,218	453	312	5	46	99	R 37,150
2000	20,220	R 5,311	871	175	99	1,144	7,862	2,768	R 337	296	5	57	115	R 38,232
2001	19,614	R 5,488	1,003	171	103	1,277	8,033	2,209	R 337	289	6	70	75	R 37,396
2002	19,783	R 5,785	659	127	175	961	8,143	2,650	R 380	305	6	105	72	R 38,189
2003	20,185	R 5,256	869	161	175	1,205	7,959	2,781	R 397	303	5	115	22	R 38,227
2004	20,305	R 5,602	879	111	222	1,212	8,222	2,656	R 388	311	6	142	39	R 38,884
2005	20,737	R 6,030	876	115	243	1,235	R 8,160	2,670	R 406	309	6	178	84	R 39,814
2006	20,461	6,388	361	74	214	648	8,214	2,839	412	306	5	264	63	39,601

^a Natural gas only; excludes supplemental gaseous fuels (SGF). Through 1979, includes unknown quantities of SGF.
^b The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in the Technical Notes.
^c Prior to 1980, based on oil used in steam plants. For 1980 through 2000, residual fuel oil includes fuel oil nos. 4, 5, and 6.
^d Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. For 1980 through 2000, distillate fuel oil includes fuel oil nos. 1 and 2, and small amounts of kerosene and jet fuel.
^e Conventional hydroelectric power. Includes pumped-storage hydroelectricity, which cannot be separately identified, from 1960 through 1989.

^f Wood and waste. Prior to 2001, includes non-biomass waste.
^g Solar thermal and photovoltaic energy.
^h Electricity traded with Canada and Mexico.
ⁱ There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
 -- = Not applicable.
 Where shown, R = Revised data and (s) = Value less than +0.5 and greater than -0.5.
 Note: Totals may not equal sum of components due to independent rounding.
 Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.