Table CT4. Residential sector energy consumption estimates, selected years, 1960-2022, Kentucky

Coal Pass Distillate Holl Holl Kerosene Total Wood Geothermal Solar Million Millio							Biomass	Petroleum						
Thousand Billion Cubic No. Cubic N				Electricity ^g				Total	Kerosene	HGL ^c			Coal a	
1975 88 79 442 3.783 1.073 5.308 9.596 9.596 19.596 1.051 1.	Total ^{e,h}	energy.	End use e,h		Solar ^{e,f}	Geothermal ^e	Wood d		nd barrels	Thousa				Year
1975 88 79 442 3.783 1.073 5.308 9.596 9.596 19.596 1.051 1.				2.760				2.554	897	1.416	242	63	428	1960
1975 88 79 442 3,783 1,073 5,508 9,586 9,586 110,078 110,08 110				3,763				3,548	1,653	1,617	278	64	274	1965
1975 88 79 442 3.783 1.073 5.308 9.586 9.586 1.10,078 1.10,08				6,987				5,884	2,077	3,403	403	86	296	1970
1990 30 56 748 1,851 321 2,921 16,814 1900 30 56 748 1,851 321 2,921 16,814 1900 30 52 66 327 2,414 315 3,422 20,537 20,538				9,586				5,308	1,073	3,793	442	79	88	1975
1980 30 56 748 1,851 321 2,921 16,814 1980 17 66 723 2,221 415 3,422 20,537				13,075				4,663	1,751	2,092	820	74	60	1980
2005 23 56 370 2,148 251 2,769 26,947 2007 14 52 245 1,955 160 2,369 26,947 26,947 2007 14 52 245 2,129 100 2,369 28,049				14,539				3,290 2,021	000 221	1,009	7/12	50 56	30	1900
2005 23 56 370 2,148 251 2,769 26,947 2007 14 52 245 1,955 160 2,369 26,947 26,947 2007 14 52 245 2,129 100 2,369 28,049				20 537				3 429	415	2 291	723	50 66	17	1995
2005 23 56 370 2,148 251 2,769 26,947 2007 14 52 245 1,955 160 2,369 26,947 26,947 2007 14 52 245 2,129 100 2,369 28,049				23.374				3.657	316	2.814	527	65		2000
2008 0 55 231 2.429 60 2.720 27.562 2010 0 52 321 2.536 114 2.971 26.561 2010 0 54 113 2.649 111 2.873 26.561 2010 0 54 113 2.649 111 2.873 29.137 27.1897 2011 0 54 113 2.649 111 2.873 27.1897 2				26,947				2,769	251	2,148	370	56		2005
2008 0 55 231 2.429 60 2.720 27.562 2010 0 52 321 2.536 114 2.971 26.561 2010 0 54 113 2.649 111 2.873 26.561 2010 0 54 113 2.649 111 2.873 29.137 27.1897 2011 0 54 113 2.649 111 2.873 27.1897 2				25,949				2,369	160	1,955	255	47	12	2006
2012 0 43 80 1.625 20 1.725 26.697 2013 0 54 106 1.811 21 1.937 26.788 0 2014 0 58 101 2.181 44 2.326 27.400 27.2015 0 49 111 2.079 26 2.216 26.688 0 2016 0 49 111 2.079 26 2.216 26.688 0 2016 0 46 93 1.514 30 1.637 26.338 2017 0 43 91 1.165 15 15 1.271 24.883 0 2018 0 51 73 1.542 18 1.633 27.713 27.713 2018 0 51 73 1.542 18 1.633 27.713 27.713 2020 0 46 6 77 1.557 23 1.647 25.535 25.535 2021 0 47 108 1.793 23 1.542 23 1.647 25.335 2022 0 50 50 111 2.218 21 2.350 26.844 0 2022 0 50 50 111 2.218 21 2.350 26.844 0 26.844 0 26.848 1 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8				28,004				2,458	100	2,113	245	52		2007
2012 0 43 80 1.625 20 1.725 26.097 2013 0 54 106 1.811 21 1.937 26.788 0 2014 0 58 101 2.181 44 2.326 27.400 27.2015 0 49 111 2.079 26 2.216 26.688 0 2016 0 49 111 2.079 26 2.216 26.688 0 2016 0 46 93 1.514 30 1.637 26.338 2017 0 43 91 1.165 15 1.271 24.833 2018 0 51 73 1.542 18 1.633 27.713 2019 0 49 87 2.133 26 2.246 25.573 25.573 2020 0 46 67 1.557 23 1.647 25.335 2020 0 46 67 1.557 23 1.647 25.335 2022 0 50 111 2.218 21 2.350 26.844 26.844 2022 0 50 50 111 2.218 21 2.350 26.844 26.844 2022 0 50 111 2.218 21 2.350 26.844 26.845 26.846 26.84				27,562				2,720		2,429	231	55	•	2008
2012 0 43 80 1.625 20 1.725 26.097 2013 0 54 106 1.811 21 1.937 26.788 0 2014 0 58 101 2.181 44 2.326 27.400 27.2015 0 49 111 2.079 26 2.216 26.688 0 2016 0 49 111 2.079 26 2.216 26.688 0 2016 0 46 93 1.514 30 1.637 26.338 2017 0 43 91 1.165 15 1.271 24.833 2018 0 51 73 1.542 18 1.633 27.713 2019 0 49 87 2.133 26 2.246 25.573 25.573 2020 0 46 67 1.557 23 1.647 25.335 2020 0 46 67 1.557 23 1.647 25.335 2022 0 50 111 2.218 21 2.350 26.844 26.844 2022 0 50 50 111 2.218 21 2.350 26.844 26.844 2022 0 50 111 2.218 21 2.350 26.844 26.845 26.846 26.84				20,301 20,137				2,971	114	2,330	3∠1 113	5∠ 5/I		2009
2012 0 43 80 1.625 20 1.725 26.097 2013 0 54 106 1.811 21 1.937 26.788 0 2014 0 58 101 2.181 44 2.326 27.400 27.2015 0 49 111 2.079 26 2.216 26.688 0 2016 0 49 111 2.079 26 2.216 26.688 0 2016 0 46 93 1.514 30 1.637 26.338 2017 0 43 91 1.165 15 1.271 24.833 2018 0 51 73 1.542 18 1.633 27.713 2019 0 49 87 2.133 26 2.246 25.573 25.573 2020 0 46 67 1.557 23 1.647 25.335 2020 0 46 67 1.557 23 1.647 25.335 2022 0 50 111 2.218 21 2.350 26.844 26.844 2022 0 50 50 111 2.218 21 2.350 26.844 26.844 2022 0 50 111 2.218 21 2.350 26.844 26.845 26.846 26.84				27 198				2 725	94	2 361	270	51	0	2011
2013 0 54 106 1,811 21 1,937 26,788 27,400 2015 0 49 111 2,079 26 2,216 26,168 2016 0 49 111 2,079 26 2,216 26,168 2016 0 46 93 1,514 30 1,637 26,338 2017 0 43 91 1,165 15 12,71 24,883 2018 0 51 73 1,542 18 1,633 24,883 2019 0 49 87 2,133 26 2,246 25,573 25,573 2019 0 49 87 2,133 26 2,246 25,573 25,573 2020 0 46 6 67 1,557 23 1,647 25,935 2021 0 47 108 1,793 23 1,923 26,844 26,844 2022 0 5 50 111 2,218 21 2,350 26,844 2				26 097				1.725	20	1.625	80	43	ŏ	
2016 0 46 93 1,514 30 1,637 26,338 2017 0 43 91 1,165 15 1,271 24,883 2018 0 51 73 1,542 18 1,633 27,713 2019 0 49 87 2,133 26 2,246 26,573 2020 0 46 67 1,557 23 1,647 25,935 2021 0 47 108 1,793 23 1,923 26,434 2022 0 50 111 2,218 21 2,350 26,840 2022 0 50 111 2,218 21 2,350 26,840 2022 0 50 111 1 2,218 21 2,350 26,840 2022 0 6 50 111 1 1 2,218 21 2,350 26,840 2021 0 7,0				26,788				1,937	21	1 811	106	54	0	2013
2016 0 46 93 1,514 30 1,637 26,338 2017 0 43 91 1,165 15 1,271 24,883 2018 0 51 73 1,542 18 1,633 27,713 2019 0 49 87 2,133 26 2,246 26,573 2020 0 46 67 1,557 23 1,647 25,935 2021 0 47 108 1,793 23 1,923 26,434 2022 0 50 111 2,218 21 2,350 26,840 2022 0 50 111 2,218 21 2,350 26,840 2022 0 50 111 1 2,218 21 2,350 26,840 2022 0 6 50 111 1 1 2,218 21 2,350 26,840 2021 0 7,0				27,400				2,326	44	2,181	101	58	Ō	2014
2018 0 51 73 1,542 18 1,633 27.713 27.713 2019 0 49 87 2,133 26 2,246 26,573 2020 0 46 67 1,557 23 1,647 27.25,935 27.2021 0 47 108 1,793 23 1,923 27.26,434 27.2022 0 50 50 111 2,218 21 2,350 27.26,434 27.2022 0 50 50 111 2,218 21 2,350 27.26,840				26,168				2,216	26	2,079	111	49		2015
2018 0 51 73 1,542 18 1,633 27.713 27.713 2019 0 49 87 2,133 26 2,246 26,573 2020 0 46 67 1,557 23 1,647 27.25,935 27.2021 0 47 108 1,793 23 1,923 27.26,434 27.2022 0 50 50 111 2,218 21 2,350 27.26,434 27.2022 0 50 50 111 2,218 21 2,350 27.26,840				26,338				1,637	30	1,514	93		0	2016
2019 0 49 87 2,133 26 2,246 26,573				24,003 27.713				1,2/1	10	1,100	73		0	2017
2020 0 46 67 1,557 23 1,647 25,935 2021 0 47 108 1,793 23 1,923 26,844 2022 0 50 50 111 2,218 21 2,350 26,840 2022 0 50 50 111 2,218 21 2,350 26,840 2025 26,840 2025 26,840 2025 26,840 2025 2025 2026 -				26,573				2.246	26	2.133	87	49		2019
2021 0 47 108 1,793 23 1,923 26,840 2022 0 50 111 2,218 21 2,350 26,840 Trillion Btu 1960 10.5 65.2 1.4 5.4 5.1 11.9 14.9 NA NA 9.4 111.9 P1.90 1965 6.6 65.9 1.6 6.2 9.4 17.2 11.2 NA NA NA 12.8 113.8 P2.53 1970 6.9 87.9 2.3 13.1 11.8 27.2 10.1 NA NA 23.8 156.0 P4.88 1975 2.0 79.8 2.6 14.6 6.1 23.2 10.8 NA NA 32.7 148.6 P6.88 1980 1.4 74.9 4.8 8.0 9.9 22.7 15.2 NA NA NA 44.6 158.8 P.94.9 1985 1.3 61.9 5.0 6.2 4.7 15.9 26.8 NA NA 44.6 158.8 P.94.9 1986 1.3 61.9 5.0 6.2 4.7 15.9 26.8 NA NA NA 49.6 155.5 P.100.8 1990 0.7 58.3 4.4 7.1 1.8 13.3 13.7 0.2 (s) 57.4 143.6 P.126.1 1995 0.4 72.5 4.2 8.8 2.4 15.4 10.8 0.3 (s) 70.1 169.5 P.156.2 2000 0.6 67.3 3.1 10.8 1.8 15.7 5.8 0.4 (s) 79.8 169.4 P1.56.2 2000 0.6 67.3 3.1 10.8 1.8 15.7 5.8 0.4 (s) 79.8 169.4 P1.56.2 2007 0.3 52.9 1.4 8.1 0.6 10.1 10.0 1.1 (s) 95.5 17.4 12.6 20.0 P1.20 20.0 0.0 53.7 19.9 9.9 9.0 0.9 (s) 88.5 157.4 P2.05.2 20.0 P1.20 20.0 0.0 53.7 1.9 9.7 0.6 12.2 14.0 1.6 0.1 99.4 133.8 P.25.3 20.1 20.0 0.0 55.1 1.9 9.7 0.6 12.2 14.0 1.6 0.1 99.4 133.8 P.25.3 20.1 20.0 0.0 55.1 1.9 9.7 0.6 12.2 14.0 1.6 0.1 99.4 133.8 P.25.3 20.1 20.0 0.0 55.1 1.9 9.7 0.6 12.2 14.0 1.6 0.1 99.4 133.8 P.25.3 20.1 20.0 0.0 55.1 1.9 9.7 0.6 12.2 14.0 1.6 0.1 99.4 133.8 P.25.4 20.1 20.0 0.0 55.1 1.6 0.7 10.2 0.6 11.5 15.0 1.8 0.1 99.4 133.8 P.22.4 20.1 20.0 0.0 55.1 1.6 0.7 10.2 0.6 11.5 15.0 1.8 0.1 99.4 133.8 P.22.4 20.1 20.0 0.0 55.1 1.6 0.1 99.4 133.8 P.22.4 20.1 20.0 0.0 55.1 1.6 0.1 99.4 133.8 P.22.4 20.1 20.0 0.0 55.1 1.6 0.1 99.4 133.8 P.22.4 20.1 20.0 0.0 55.1 1.6 0.1 99.4 133.8 P.22.3 20.1 20.0 0.0 55.1 1.6 0.1 99.4 133.8 P.22.4 20.1 20.0 0.0 55.1 1.6 0.1 99.4 133.8 P.22.3 20.1 20.0 0.0 55.1 1.6 0.1 99.4 133.8 P.22.4 20.1 20.0 0.0 55.1 1.6 0.1 99.4 133.8 P.22.4 20.1 20.0 0.0 55.1 1.6 0.1 99.4 133.8 P.22.4 20.1 20.1 20.0 0.0 55.1 1.6 0.1 99.4 133.8 P.22.4 20.1 20.1 20.0 0.0 55.1 1.6 0.1 99.4 133.8 P.22.4 20.1 20.1 20.0 0.0 55.1 1.6 0.1 99.4 133.8 P.22.4 20.1 20.1 20.0 0.0 55.1 1.6 0.1 99.4 133.8 P.22.4 12.1 20.1 20.1 20.0 0.0 5				25,935				1,647	23	1,557		46	ŏ	2020
Trillion Btu Tril				26,434				1,923	23	1,793	108	47		2021
1960 10.5 65.2 1.4 5.4 5.1 11.9 14.9 NA NA 9.4 111.9 R 19.0 1965 6.6 65.9 1.6 6.2 9.4 17.2 11.2 NA NA NA 12.8 113.8 R 25.3 1970 6.9 87.9 2.3 13.1 11.8 27.2 10.1 NA NA 23.8 156.0 R 48.8 1975 2.0 79.8 2.6 14.6 6.1 23.2 10.8 NA NA 32.7 148.6 R 66.8 1980 1.4 74.9 4.8 8.0 9.9 22.7 15.2 NA NA NA 44.6 158.8 R 94.9 1985 1.3 61.9 5.0 6.2 4.7 15.9 26.8 NA NA 44.6 158.8 R 94.9 1995 0.7 58.3 4.4 7.1 1.8 13.3 13.7 0.2 (s) 57.4 143.6 R 126.1 1995 0.4 72.5 4.2 8.8 2.4 15.4 10.8 0.3 (s) 70.1 169.5 R 156.2 2000 0.6 67.3 3.1 10.8 1.8 15.7 5.8 0.4 (s) 79.8 169.4 R 185.3 2005 0.6 57.8 2.2 8.2 1.4 11.8 10.2 0.8 (s) 91.9 173.0 R 212.6 2006 0.3 48.8 1.5 7.5 0.9 9.9 9.0 0.9 (s) 88.5 157.4 R 209.5 2007 0.3 52.9 1.4 8.1 0.6 10.1 10.0 1.1 (s) 95.5 169.9 R 220.4 2008 0.0 57.0 1.3 9.3 0.3 11.0 11.2 1.3 (s) 95.5 169.9 R 220.4 2009 0.0 56.1 0.7 1.9 9.7 0.6 12.2 14.0 1.6 0.1 90.6 172.2 R 204.4 2010 0.0 56.1 0.7 10.2 0.6 11.2 14.6 1.7 0.1 99.4 183.8 R 223.1 10.0 1.0 15.5 15.0 1.8 0.1 99.4 183.8 R 223.1 10.0 1.0 11.2 1.6 1.7 0.1 99.4 183.8 R 223.1 10.0 1.0 15.5 15.0 1.8 0.1 99.4 183.8 R 223.1 10.0 1.0 15.1 10.0 1.1 10				26,840				2,350	21	2,218	111	50	0	2022
1965 6.6 65.9 1.6 6.2 9.4 17.2 11.2 NA NA 12.8 113.8 12.5 1970 6.9 87.9 2.3 13.1 11.8 27.2 10.1 NA NA 23.8 156.0 84.8 1975 2.0 79.8 2.6 14.6 6.1 23.2 10.8 NA NA 32.7 148.6 86.1 1980 1.4 74.9 4.8 8.0 9.9 22.7 15.2 NA NA NA 44.6 158.8 89.4 1985 1.3 61.9 5.0 6.2 4.7 15.9 26.8 NA NA NA 49.6 155.5 810.8 1990 0.7 58.3 4.4 7.1 1.8 13.3 13.7 0.2 (s) 57.4 143.6 812.6 1995 0.4 72.5 4.2 8.8 2.4 15.4 10.8 0.3 (s) 70.1 169.5 816.2 2000 0.6 67.3 3.1 10.8 1.8 15.7 5.8 0.4 (s) 79.8 169.4 8185.3 2005 0.6 57.8 2.2 8.2 1.4 11.8 10.2 0.8 (s) 79.8 169.4 8185.3 2005 0.6 57.8 2.2 8.2 1.4 11.8 10.2 0.8 (s) 91.9 173.0 812.2 2007 0.3 52.9 1.4 8.1 0.6 10.1 10.0 1.1 (s) 95.5 169.9 8200 1200 0.0 57.0 1.3 9.3 0.3 11.0 11.2 1.3 (s) 95.5 169.9 8200 1200 0.0 53.7 1.9 9.7 0.6 12.2 14.0 1.6 0.1 99.4 183.8 822.4 10.0 1.8 0.1 99.4 183.8 822.4 10.0 0.0 56.1 0.7 10.2 0.6 11.5 15.0 1.8 0.1 99.4 183.8 822.4 10.0 1.0 0.0 52.1 1.6 9.1 0.5 11.2 14.6 1.7 0.1 99.4 183.8 822.4 17.4 11.2 13 0.0 1.2 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3							Trillion Btu							
1965 6.6 65.9 1.6 6.2 9.4 17.2 11.2 NA NA 12.8 113.8 12.5 1970 6.9 87.9 2.3 13.1 11.8 27.2 10.1 NA NA 23.8 156.0 84.8 1975 2.0 79.8 2.6 14.6 6.1 23.2 10.8 NA NA 32.7 148.6 86.1 1980 1.4 74.9 4.8 8.0 9.9 22.7 15.2 NA NA NA 44.6 158.8 89.4 1985 1.3 61.9 5.0 6.2 4.7 15.9 26.8 NA NA NA 49.6 155.5 810.8 1990 0.7 58.3 4.4 7.1 1.8 13.3 13.7 0.2 (s) 57.4 143.6 812.6 1995 0.4 72.5 4.2 8.8 2.4 15.4 10.8 0.3 (s) 70.1 169.5 816.2 2000 0.6 67.3 3.1 10.8 1.8 15.7 5.8 0.4 (s) 79.8 169.4 8185.3 2005 0.6 57.8 2.2 8.2 1.4 11.8 10.2 0.8 (s) 79.8 169.4 8185.3 2005 0.6 57.8 2.2 8.2 1.4 11.8 10.2 0.8 (s) 91.9 173.0 812.2 2007 0.3 52.9 1.4 8.1 0.6 10.1 10.0 1.1 (s) 95.5 169.9 8200 1200 0.0 57.0 1.3 9.3 0.3 11.0 11.2 1.3 (s) 95.5 169.9 8200 1200 0.0 53.7 1.9 9.7 0.6 12.2 14.0 1.6 0.1 99.4 183.8 822.4 10.0 1.8 0.1 99.4 183.8 822.4 10.0 0.0 56.1 0.7 10.2 0.6 11.5 15.0 1.8 0.1 99.4 183.8 822.4 10.0 1.0 0.0 52.1 1.6 9.1 0.5 11.2 14.6 1.7 0.1 99.4 183.8 822.4 17.4 11.2 13 0.0 1.2 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	R 130.9 R 139.1 R 204.9 R 215.4	R 19.0	111.9	9.4	NA	NA	14.9	11.9	5.1	5.4	1.4	65.2	10.5	1960
1975	R 139.1	R 25.3	113.8	12.8	NA	NA	11.2	17.2	9.4	6.2	16	65.9	6.6	1965
1980 1.4 74.9 4.8 8.0 9.9 22.7 15.2 NA NA 44.6 158.8 H94.9 1985 1.3 61.9 5.0 6.2 4.7 15.9 26.8 NA NA 49.6 155.5 R100.8 1990 0.7 58.3 4.4 7.1 1.8 13.3 13.7 0.2 (s) 57.4 143.6 R126.1 1995 0.4 72.5 4.2 8.8 2.4 15.4 10.8 0.3 (s) 70.1 169.5 R156.2 2000 0.6 67.3 3.1 10.8 1.8 15.7 5.8 0.4 (s) 79.8 169.4 R185.3 2005 0.6 57.8 2.2 8.2 1.4 11.8 10.2 0.8 (s) 91.9 173.0 R212.6 2007 0.3 52.9 1.4 8.1 0.6 10.1 10.0 1.1 (s) 95	H 204.9	H 48.8	156.0	23.8			10.1	27.2			2.3			1970
1995 1.3 61.9 5.0 6.2 4.7 15.9 26.8 NA NA 49.6 155.5 100.8 1990 0.7 58.3 4.4 7.1 1.8 13.3 13.7 0.2 (s) 57.4 143.6 126.1 1995 0.4 72.5 4.2 8.8 2.4 15.4 10.8 0.3 (s) 70.1 169.5 156.2 2000 0.6 67.3 3.1 10.8 1.8 15.7 5.8 0.4 (s) 79.8 169.4 185.3 2005 0.6 57.8 2.2 8.2 1.4 11.8 10.2 0.8 (s) 91.9 173.0 121.6 2006 0.3 48.8 1.5 7.5 0.9 9.9 9.0 0.9 (s) 88.5 157.4 120.5 2007 0.3 52.9 1.4 8.1 0.6 10.1 10.0 1.1 (s) 95.5 169.9 120.0 2008 0.0 57.0 1.3 9.3 0.3 11.0 11.2 1.3 (s) 95.5 169.9 1.2 2009 0.0 53.7 1.9 9.7 0.6 12.2 14.0 1.6 0.1 90.6 172.2 12.4 2010 0.0 56.1 0.7 10.2 0.6 11.5 15.0 1.8 0.1 99.4 183.8 122.4 120.1 10.0 152.1 1.6 9.1 0.5 11.2 14.6 1.7 0.1 99.4 183.8 122.8 2012 0.0 44.4 0.5 6.2 0.1 6.8 12.2 1.9 0.1 89.0 154.4 120.5 160.	215.4	n 66.8		32.7		NA	10.8	23.2	6.1		2.6			1975
2006 0.3 48.8 1.5 7.5 0.9 9.9 9.0 0.9 (s) 88.5 15/.4 7209.5 2007 0.3 52.9 1.4 8.1 0.6 10.1 10.0 1.1 (s) 95.5 169.9 9.220.4 2008 0.0 57.0 1.3 9.3 0.3 11.0 11.2 1.3 (s) 94.0 174.5 9.215.0 2009 0.0 53.7 1.9 9.7 0.6 12.2 14.0 1.6 0.1 90.6 172.2 9.204.4 2010 0.0 56.1 0.7 10.2 0.6 11.5 15.0 1.8 0.1 99.4 183.8 9.23.4 2011 0.0 52.1 1.6 9.1 0.5 11.2 14.6 1.7 0.1 92.8 172.4 9.205.3 2012 0.0 44.4 0.5 6.2 0.1 6.8 12.2 1.9 0.1 89.0 154.4 9.205.3 2012 0.0 44.4 0.5 6.2 0.1 6.8 12.2 1.9 0.1 89.0 154.4 9.205.3 2012 0.0 55.5 0.6 7.0 0.1 7.7 15.0 1.0 0.1 0.1 0.1 175 8.205.7	R 253.7	H 94.9	158.8	44.6		NA NA	15.2	22.7	9.9	8.0	4.8	74.9	1.4	1980
2006 0.3 48.8 1.5 7.5 0.9 9.9 9.0 0.9 (s) 88.5 15/.4 7209.5 2007 0.3 52.9 1.4 8.1 0.6 10.1 10.0 1.1 (s) 95.5 169.9 9.220.4 2008 0.0 57.0 1.3 9.3 0.3 11.0 11.2 1.3 (s) 94.0 174.5 9.215.0 2009 0.0 53.7 1.9 9.7 0.6 12.2 14.0 1.6 0.1 90.6 172.2 9.204.4 2010 0.0 56.1 0.7 10.2 0.6 11.5 15.0 1.8 0.1 99.4 183.8 9.23.4 2011 0.0 52.1 1.6 9.1 0.5 11.2 14.6 1.7 0.1 92.8 172.4 9.205.3 2012 0.0 44.4 0.5 6.2 0.1 6.8 12.2 1.9 0.1 89.0 154.4 9.205.3 2012 0.0 44.4 0.5 6.2 0.1 6.8 12.2 1.9 0.1 89.0 154.4 9.205.3 2012 0.0 55.5 0.6 7.0 0.1 7.7 15.0 1.0 0.1 0.1 0.1 175 8.205.7	R 256.3 R 269.7 R 325.7 R 354.7 R 385.6	R 100.6	100.0	49.0 57.4		INA 0.2	∠0.0 13.7	13.9			5.U 4.4	50.9	1.3	1900
2006 0.3 48.8 1.5 7.5 0.9 9.9 9.0 0.9 (s) 88.5 15/.4 7209.5 2007 0.3 52.9 1.4 8.1 0.6 10.1 10.0 1.1 (s) 95.5 169.9 9.220.4 2008 0.0 57.0 1.3 9.3 0.3 11.0 11.2 1.3 (s) 94.0 174.5 9.215.0 2009 0.0 53.7 1.9 9.7 0.6 12.2 14.0 1.6 0.1 90.6 172.2 9.204.4 2010 0.0 56.1 0.7 10.2 0.6 11.5 15.0 1.8 0.1 99.4 183.8 9.23.4 2011 0.0 52.1 1.6 9.1 0.5 11.2 14.6 1.7 0.1 92.8 172.4 9.205.3 2012 0.0 44.4 0.5 6.2 0.1 6.8 12.2 1.9 0.1 89.0 154.4 9.205.3 2012 0.0 44.4 0.5 6.2 0.1 6.8 12.2 1.9 0.1 89.0 154.4 9.205.3 2012 0.0 55.5 0.6 7.0 0.1 7.7 15.0 1.0 0.1 0.1 0.1 175 8.205.7	R 325.7	R 156.2	169.5	70.1	(s)	0.2	10.8	15.4	2.4	8.8	4.2	72.5	0.7	1995
2006 0.3 48.8 1.5 7.5 0.9 9.9 9.0 0.9 (s) 88.5 15/.4 7209.5 2007 0.3 52.9 1.4 8.1 0.6 10.1 10.0 1.1 (s) 95.5 169.9 9.220.4 2008 0.0 57.0 1.3 9.3 0.3 11.0 11.2 1.3 (s) 94.0 174.5 9.215.0 2009 0.0 53.7 1.9 9.7 0.6 12.2 14.0 1.6 0.1 90.6 172.2 9.204.4 2010 0.0 56.1 0.7 10.2 0.6 11.5 15.0 1.8 0.1 99.4 183.8 9.23.4 2011 0.0 52.1 1.6 9.1 0.5 11.2 14.6 1.7 0.1 92.8 172.4 9.205.3 2012 0.0 44.4 0.5 6.2 0.1 6.8 12.2 1.9 0.1 89.0 154.4 9.205.3 2012 0.0 44.4 0.5 6.2 0.1 6.8 12.2 1.9 0.1 89.0 154.4 9.205.3 2012 0.0 55.5 0.6 7.0 0.1 7.7 15.0 1.0 0.1 0.1 0.1 175 8.205.7	R 354.7	R 185.3	169.4	79.8	(s)	0.4	5.8	15.7	1.8		3.1	67.3	0.6	2000
2006 0.3 48.8 1.5 7.5 0.9 9.9 9.0 0.9 (s) 88.5 15/.4 7209.5 2007 0.3 52.9 1.4 8.1 0.6 10.1 10.0 1.1 (s) 95.5 169.9 9.220.4 2008 0.0 57.0 1.3 9.3 0.3 11.0 11.2 1.3 (s) 94.0 174.5 9.215.0 2009 0.0 53.7 1.9 9.7 0.6 12.2 14.0 1.6 0.1 90.6 172.2 9.204.4 2010 0.0 56.1 0.7 10.2 0.6 11.5 15.0 1.8 0.1 99.4 183.8 9.23.4 2011 0.0 52.1 1.6 9.1 0.5 11.2 14.6 1.7 0.1 92.8 172.4 9.205.3 2012 0.0 44.4 0.5 6.2 0.1 6.8 12.2 1.9 0.1 89.0 154.4 9.205.3 2012 0.0 44.4 0.5 6.2 0.1 6.8 12.2 1.9 0.1 89.0 154.4 9.205.3 2012 0.0 55.5 0.6 7.0 0.1 7.7 15.0 1.0 0.1 0.1 0.1 175 8.205.7	R 385.6	R 212.6	173.0	91.9		0.8	10.2	11.8	1.4	8.2	2.2	57.8	0.6	2005
2009 0.0 53.7 1.9 9.7 0.6 12.2 14.0 1.6 0.1 90.6 172.2 2010 0.0 56.1 0.7 10.2 0.6 11.5 15.0 1.8 0.1 99.4 183.8 223.4 2011 0.0 52.1 1.6 9.1 0.5 11.2 14.6 1.7 0.1 92.8 172.4 205.3 2012 0.0 44.4 0.5 6.2 0.1 6.8 12.2 1.9 0.1 89.0 154.4 205.3 2012 0.0 65.5 0.6 7.0 0.1 7.7 15.0 1.0 0.1 0.1 0.1 17.7 15.0 1.0 0.1 17.7 15.0 1.0 0.1 0.1 17.7 15.0 1.0 0.1 0.1 17.7 15.0 1.0 0.1 0.1 17.7 15.0 1.0 0.1 0.1 17.7 15.0 1.0 0.1 0.1 17.7 15.0 1.0 0.1 0.1 17.7 15.0 1.0 0.1 0.1 17.7 15.0 1.0 0.1 0.1 0.1 17.7 15.0 1.0 0.1 0.1 0.1 0.1 17.7 15.0 1.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0	R 366.9 R 390.4 R 389.5 R 376.7 R 407.2	R 209.5	157.4	88.5	(s)	0.9	9.0	9.9	0.9	7.5	1.5	48.8	0.3	2006
2009 0.0 53.7 1.9 9.7 0.6 12.2 14.0 1.6 0.1 90.6 172.2 2010 0.0 56.1 0.7 10.2 0.6 11.5 15.0 1.8 0.1 99.4 183.8 223.4 2011 0.0 52.1 1.6 9.1 0.5 11.2 14.6 1.7 0.1 92.8 172.4 205.3 2012 0.0 44.4 0.5 6.2 0.1 6.8 12.2 1.9 0.1 89.0 154.4 201.7 201.2 0.0 55.5 0.6 7.0 0.1 7.7 15.0 1.0 0.1 0.1 0.1 17.6 80.5	n 390.4	n 220.4	169.9	95.5								52.9		2007
2010 0.0 56.1 0.7 10.2 0.6 11.5 15.0 1.8 0.1 99.4 183.8 8 23.4 2011 0.0 52.1 1.6 9.1 0.5 11.2 14.6 1.7 0.1 92.8 172.4 8 205.3 2012 0.0 44.4 0.5 6.2 0.1 6.8 12.2 1.9 0.1 89.0 154.4 8 201.7 2013 0.0 55.5 0.6 7.0 0.1 7.7 15.0 1.0 0.1 0.1 0.1 17.5 8 205.7	11 389.5 B 076.7	11 215.0 B 204.4		94.0	(S)	1.3		11.0			1.3	57.0		2008
2011 0.0 52.1 1.6 9.1 0.5 11.2 14.6 1.7 0.1 92.8 172.4 1205.3 2012 0.0 44.4 0.5 6.2 0.1 6.8 12.2 1.9 0.1 89.0 154.4 1205.3 2012 0.0 555 0.6 7.0 0.1 7.7 150 1.0 0.1 0.1 0.1 1.7 1.7 1.8 1.0 1.1 1.7 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	R 407 2	R 204.4		90.6		1.0		12.2			1.9	53.7 56.1		2009
2012 0.0 44.4 0.5 6.2 0.1 6.8 12.2 1.9 0.1 89.0 154.4 P.201.7 2013 0.0 55.5 0.6 7.0 0.1 7.7 15.9 1.9 0.1 91.4 172.5 P.205.7 2014 0.0 59.1 0.6 8.4 0.3 9.2 16.1 1.9 0.1 93.5 179.8 P.207.8		R 205.3	172 4	92.4		1.0	14.6	11.3			1.6	52.1		2010
2013 0.0 55.5 0.6 7.0 0.1 7.7 15.9 1.9 0.1 91.4 172.5 R 205.7 2014 0.0 59.1 0.6 8.4 0.3 9.2 16.1 1.9 0.1 93.5 179.8 R 207.8	R 356.1	R 201.7	154.4	89.0		1.9	12.2	6.8	0.5	6.2	0.5	44.4	0.0	2012
2014 0.0 59.1 0.6 8.4 0.3 9.2 16.1 1.9 0.1 93.5 179.8 ^R 207.8	R 378.2	R 205.7	172.5	91.4		1.9	15.9	7.7	0.1		0.6	55.5	0.0	2013
		R 207.8	179.8	93.5		1.9	16.1	9.2		8.4	0.6	59.1	0.0	2014
2015 0.0 50.5 0.6 8.0 0.2 8.8 8.6 1.9 0.1 89.3 159.1 H 194.4	H 353.4	H 194.4	159.1	89.3 89.9	0.1	1.9	8.6	8.8	0.2	8.0	0.6 0.5	50.5	0.0	2015
2016 0.0 46.8 0.5 5.8 0.2 6.5 7.5 1.9 0.1 89.9 152.7 H 194.8 2017 0.0 45.2 0.5 4.5 0.1 5.1 7.6 1.9 R 0.1 84.9 144.8 R 176.8	R 353.4 R 347.5 R 321.5 R 359.2 R 341.7	n 194.8	152.7	89.9	B 0.1	1.9	7.5			5.8	0.5	46.8	0.0	2016
2017 0.0 45.2 0.5 4.5 0.1 5.1 7.6 1.9 R0.1 84.9 144.8 R176.8 2018 0.0 54.1 0.4 5.9 0.1 6.4 9.3 1.9 R0.1 94.6 166.4 R192.8	" 321.5 R 250 2	1/6.8 R 102 8			" U. I R n 1	1.9	7.5			4.5 5.0	0.5 0.4	45.2 5/1		∠∪1/ 201Ω
2018 0.0 54.1 0.4 5.9 0.1 6.4 9.3 1.9 R0.1 94.6 166.4 R 192.8 2019 0.0 51.2 0.5 8.2 0.1 8.8 10.3 1.9 R 0.1 90.7 163.0 R 178.8	R 341 7	R 178 8	163.0	94.0	R _{0.1}		10.3							2019
2020 0.0 48.3 0.4 6.0 0.1 6.5 Fe.1 1.9 Fo.2 88.5 F151.4 F163.8	R 315 2	R 163.8	R 151.4	88.5	R 0.2	1.9	R 6 1	6.5		6.0	0.4	48.3		2020
2021 00 H493 06 69 01 76 H56 19 H02 902 H1548 H1721	R 315.2 R 326.9	R 172.1	R 154.8	90.2	R 0.2	1.9	R 5.6	7.6	0.1	6.9	0.6	R 49.3	0.0	2021
2022 0.0 52.4 0.6 8.5 0.1 9.3 7.3 1.9 0.3 91.6 162.7 175.7	338.4	175.7	162.7	91.6	0.3	1.9	7.3	9.3		8.5	0.6	52.4		

a Beginning in 2008, 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.

There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
 Solar thermal and photovoltaic energy. Includes solar thermal energy consumed as heat by the commercial and industrial

g Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.
 h Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in End Use and Total.

i Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

—— = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: • Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type

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

Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. http://www.eia.gov/state/seds/