Table CT1. Energy Consumption Estimates for Major Energy Sources in Physical Units, Selected Years, 1960-2014, Hawaii

						Petroleum						
	Coal	Natural Gas ^a	Distillate Fuel Oil	Jet Fuel ^b	LPG ^c	Motor Gasoline ^d	Residual Fuel Oil	Other ^e	Total	Nuclear Electric Power	Hydro- electric Power ^f	Fuel Ethanol ⁹
Year	Thousand Short Tons	Billion Cubic Feet				Thousand Barrels				Million Kilo	watthours	Thousand Barrels
1960 1965	0	0	886	4,321 7,618	112	3,429	4,766	3,331	16,844	0	27	NA
1965	0	0	1,612 1,695	7,618 14,273	219 938	4,082 5,691	7,230 10,154	1,717 1,354	22,478 34,105	0	105 108	NA NA
1971	0	0	1,709	16,302	963	5,872	10,701	1,186	36,734	0	89	NA NA
1972	Ŏ	Ŏ	1,776	16,244	945	6,202	11,338	1,248	37,753	Ö	91	NA
1973	0	0	1,837	16,511	942	6,608	11,575	1,354	38,826	0	95	NA
1974	0	0	1,951	14,887	966	6,543	11,122	1,270	36,739	0	92	NA
1975 1976	0	0	1,948 2,337	14,849 14,202	872 1,036	6,766 7,029	11,255 11,871	1,408 1,570	37,097 38,047	0	89 93	NA NA
1976	0	0	2,337 2,865	14,202	877	7,029 7.406	11,871	1,570	38,047 40,326	0	93 86	NA NA
1978	0	0	3,567	14,861	702	7,639	12,556	1,620	40,945	0	84	NA NA
1979	Ö	Ö	6,567	15,276	1,583	7,506	12,167	1,560	44,660	Ö	90	NA
1980	0	3	5,987	14,116	1,573	7,231	13,196	1,459	43,562	0	86	NA
1981	.0	3	6,021	10,028	1,337	7,185	13,160	1,080	38,811	0	80	4
1982	47	3	4,545	7,472	2,104	7,261	13,292	1,032	35,706	0	90	1
1983 1984	42 38	3 2	2,326 2,735	11,271 12,946	2,102 121	7,240 7,528	12,148 12,796	1,204 1,172	36,291 37,297	0	84 82	0
1985	46	2	4,526	13,260	133	7,594	13,185	1,308	40,006	0	86	0
1986	16	2	4,627	10,176	126	7,878	14,326	1,910	39,044	ŏ	78	ŏ
1987	63	3	3,685	11,481	157	8,186	13,595	2,287	39,389	0	82	0
1988	50 32	3	5,631	11,972	178	8,476	16,935	2,709	45,902	0	81	0
1989	32	3	5,745	13,239	186	8,754	17,355	2,742	48,021	0	56	0
1990 1991	29 45	3	6,489 7,210	12,646 11,123	178 214	8,670 8,970	19,067 15,599	2,965 2,641	50,015 45,758	0	80 71	0
1991	303	3	6,219	9,993	651	8,870	17,856	3,067	45,756 46,655	0	61	0
1993	691	3	5,929	8,891	884	9,060	13,845	2,782	41,392	0	56	0
1994	704	3	6,321	9,472	1,619	9,343	15.120	2.967	44,843	Ō	139	0
1995	895	3	5,787	9,940	1,316	9,416	14,473	2,909	43,842	0	98	0
1996	930	3	4,950	10,087	1,319	9,374	12,667	3,233	41,631	0	104	0
1997 1998	933 822	3	4,640 4,451	10,221 9,999	241 844	9,358 9,342	12,218 13,243	3,152 2,613	39,829 40,493	0	115 121	0
1990	801	ა 3	5,314	9,999 9,474	376	9,342 8,953	12,945	2,601	39,662	0	115	0
2000	816	3	5,094	9,438	562	9,289	13,520	2,688	40,591	0	103	0
2001	829	3	6,040	8,895	582	9.710	13,284	2,969	41,479	Ö	101	Ō
2002	_ 748	3	8,086	10,189	770	10,419	12,738	2,569	44,772	0	95	0
2003	R 784 R 797	3	8,206	12,708	492	10,597	12,079	2,779	46,861	0	91	0
2004 2005	R 740	3	8,634 7,307	13,379	462 432	10,741 10,978	13,110 13,210	2,772 2,968	49,098 51,267	0	94 96	0 341
2005	R 714	3	7,307 6,691	16,372 15,334	432 471	10,978	13,210	2,968	51,267 51,564	0	120	390
2007	R 764	3	9,294	12,756	419	11,348	16,318	2,770	52,905	0	92	497
2008	R 840	3	5,501	10,702	674	10,675	12,421	2.423	42.397	Ö	84	918
2009	R 791	3	6,053 6,856	9,303	819	10,834	12,384	R 3 080	H 42 472	0	113	1,051
2010	803	3	6,856	9,837	827 B 827	9,993	11,889	R 3,327	R 42,729	0	70	803
2011	783	3	6,314	10,948	R 889	11,145	11,710	R 3,327 R 3,129	R 44,334 R 42,749	0	93	931
2012 2013	803 753	3	6,099 5,719	11,311 11,323	897 837	10,586 R 10,746	10,726 10,378	R 3,129	R 42,749	0	115 78	845 R 873
2013	831	3	4.362	12,922	832	10,740	9.871	3.069	41.724	0	94	937

separately identified.

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a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

b 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."

C Liquefied petroleum gases, includes ethane and olefins.

d Motor gasoline as it is consumed; includes fuel ethanol blended into motor gasoline.

e Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, and the 16 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."

f Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be

⁹ Includes denaturant. Pre-2005 estimates are not comparable to those for later years. See Section 5 of Technical Notes. NA = Not available. Where shown, R = Revised data and (s) = Value less than 0.5.

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

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

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

H Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2014, Hawaii (Trillion Btu)

		1			Fossi	l Fuels					Fossil (as comi	
						Petroleum					(2000)	
Year	Coal	Natural Gas excluding Supplemental Gaseous Fuels ^a	Distillate Fuel Oil	Jet Fuel ^b	LPG ^c	Motor Gasoline excluding Fuel Ethanol ^a	Residual Fuel Oil	Other ^d	Total	Total	Natural Gas including Supplemental Gaseous Fuels ^a	Motor Gasoline including Fuel Ethanol ^a
1960	0.0	0.0	5.2	23.5	0.4	18.0	30.0	17.5	94.6	94.6	0.0	18.0
1965	0.0	0.0	9.4	42.3	0.9	21.4	45.5	9.9	129.3	129.3	0.0	21.4
1970	0.0	0.0	9.9	80.1	3.6	29.9	63.8	8.2	195.4	195.4	0.0	29.9
1971	0.0	0.0	10.0	91.5	3.7	30.8	67.3	7.1	210.4	210.4	0.0	30.8
1972	0.0 0.0	0.0	10.3 10.7	91.3 92.9	3.6 3.6	32.6	71.3 72.8	7.6	216.6	216.6	0.0	32.6 34.7
1973	0.0	0.0		92.9	3.6	34.7	72.8	8.2	222.8	222.8	0.0	34.7
1974	0.0	0.0	11.4	83.6 83.5	3.6 3.3 3.9 3.3 2.7 5.9 5.8	34.4 35.5	69.9 70.8	7.6	210.6	210.6	0.0	34.4 35.5
1975	0.0	0.0	11.3	83.5	3.3	35.5	70.8	8.6	212.9	212.9	0.0	35.5
1976	0.0	0.0	13.6	79.8 83.6	3.9	36.9 38.9	74.6	9.5	218.4	218.4 232.0 235.8 255.4	0.0	36.9
1977	0.0	0.0	16.7	83.6	3.3	38.9	79.8	9.7	232.0	232.0	0.0	38.9
1978	0.0 0.0	0.0	20.8 38.3	83.6 85.9	2.7	40.1 39.4	78.9 76.5	9.7	235.8 255.4	235.8	0.0	40.1 39.4
1979		0.0	38.3	85.9	5.9	39.4	76.5	9.4	255.4	255.4	0.0	39.4
1980	0.0	0.0	34.9	79.2 56.2	5.8	38.0 37.7	83.0	8.8	249.6 223.2	249.6 223.2	3.0	38.0
1981	0.0	0.0	35.1	56.2	4.9	37.7	82.7	6.6	223.2	223.2	2.8	37.7
1982	1.1	0.0	26.5	41.6 62.5	4.9 7.6 7.6	38.1 38.0	83.6	6.3	203.8	204.9	2.8 2.7	38.1
1983	1.0	0.0	13.6	62.5	7.6	38.0	76.4	7.3	205.4	206.4	2.7	38.0
1984	0.9	0.0	15.9	72.6	0.5	39.5	80.4	7.1	216.1	217.1	2.4	39.5
1985	1.1	0.0	26.4	74.4	0.5	39.9	82.9	8.0	232.1	233.2	2.7	39.9
1986	0.4	0.0	27.0	57.0	0.5	41.4	90.1	11.8	227.6	228.0	2.7	41.4
1987 1988	1.6	0.2 0.0	21.5	64.4 67.2	0.6	43.0 44.5	85.5	14.0 16.4	228.9	230.6	2.8	43.0
1988	1.2	0.0	32.8	07.2	0.7	44.5 46.0	106.5	16.4	268.0	269.3	2.8	44.5 46.0
1989	0.8 0.7	0.0	33.5 37.8	74.4 71.1	0.7 0.7	46.0 45.5	109.1 119.9	16.4 17.8	280.1 292.8	280.9 293.5	2.9 3.0	45.5
1990		0.0	37.8	71.1 62.6	0.7	45.5 47.1	98.1	16.0	292.8 266.6	293.5 267.6	3.0	45.5 47.1
1991	1.1 6.8	0.0	42.0 36.2	56.5	0.8 2.5	47.1 46.6	112.3	18.5	272.5	267.6 279.2	2.9 2.9	47.1 46.6
1992	15.6	0.0	30.Z	50.5 50.4	2.5 3.2	46.6 47.4	87.0	16.9	272.5	279.2 255.0	2.9	40.0 47.4
1993	15.7	0.0	34.5 36.8	53.7	5.2 5.8	48.9	95.1	17.9	259.5 258.2	255.0 273.9	2.0	48.9
1994	19.9	0.0	33.7	56.4	4.7	49.1	91.0	17.6	252.5	273.9 272.4	2.9	49.1
1995	20.4	0.0	28.8	57.2	4.7	48.9	79.6	19.5	238.8	259.2	2.8	49.1 48.9
1997	20.5	0.0	27.0	58.0	0.0	48.8	76.8	19.1	230.6	251.1	2.7	48.8
1998	18.2	0.0	25.9	56.7	0.9 3.2	48.7	83.3	15.9	233.6	251.9	2.8	48.7
1999	17.7	0.0	30.9	53.7	1.4	46.7	81.4	15.9	230.0	247.7	2.9	46.7
2000	17.7 17.7	0.1	29.6	53.5	21	48.4	85.0	16.6	235.3	253.0	3.0	48.4
2001	17.8	0.1	35.1	50.4	2.1 2.2	50.6	83.5	18.0	235.3 239.9	253.0 257.9	2.9	50.6
2002	16.6	0.1	47.1	57.8	2.2	54.3	80.1	15.5	257.6	274.4	2.0	54.3
2003	16.6 R 18.0	0.1	47.7	72.1	2.9 1.9	54.3 55.1	75.9	16.7	269.5	274.4 R 287.7	2.9 2.9	55.1
2004	R 17.9	0.1	50.2	75.0	1.8	55.9	82.4	16.8	282 9	R 301 0	2.9 2.9	55.9
2005	R 16.5	0.2	50.2 42.5	75.9 92.8	1.8 1.7	55.9	83.0	18.0	282.9 293.9	R 310.6	2.0	55.9 57.1
2006	R 17.9 R 16.5 R 16.1	0.2 0.2 0.2	38.8	86.9	1.8	55.9 55.9 58.5 56.8	92.3	17.1	295.6	R 301.0 R 310.6 R 311.8 R 321.0 R 257.5 R 256.6 R 259.0 R 265.5	2.9	59.9
2007	H 17 1	0.2	38.8 53.8	72.3	1.6	56.8	102.6	16.7	303.7	R 321.0	2.9 3.0	58.5
2008	R 18.1 R 17.1	0.1	31.8	60.7	2.6	51.5	78.1		239.3	R 257.5	2.8	54.7
2009	R 17.1	0.2	31.8 35.0	60.7 52.7	2.6 3.1	51.6	78.1 77.9	14.6 R 19.0	239.3 R 239.3	R 256.6	2.8 2.7	55.3
2010	17.1	0.2	39.6	55.8	3.2	48.0	74.7	R 20 5	R 241 7	R 259.0	2.7	50.7
2011	16.1	0.2	36.5	62.1	3.4	53.3	73.6	H 20 4	R 249.3 R 240.0	R 265.5	2.7	56.5
2012	16.6	0.2	35.2	64.1	3.4	50.7	67.4	H 10 1	R 240.0	R 256.8	2.8	53.6
2013	15.3	0.2	33.0	64.2	3.2	R 51.4	65.2	R 20.3	R 237.3	R 252.8	R 2.8	R <i>54.4</i>
2014	17.2	0.2	25.2	73.3	3.2	50.7	62.1	18.9	233.4	250.8	2.8	54.0

^a Supplemental gaseous fuels (SGF) and fuel ethanol are consumed with natural gas and motor gasoline, respectively. In this table, natural gas excluding SGF and motor gasoline excluding fuel ethanol are presented so that a fossil fuel total can be calculated. Natural gas including SGF and motor gasoline including fuel ethanol are presented separately for reference.

^b 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."

^c Liquefied petroleum gases, includes ethane and olefins.

d Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, and the 16 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."

Where shown, R = Revised data and (s) = Value less than +0.05 and greater than -0.05 trillion Btu.

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

Web Page: All data are available at http://www.eia.gov/state/seds/seds-data-complete.cfm. Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2014, Hawaii (Continued) (Trillion Btu)

					R	enewable Energy	1						
				Bior	nass						Net		
Year	Nuclear Electric Power	Hydro- electric Power ^e	Wood and Waste ^f	Fuel Ethanol ^g	Losses and Co- products ^h	Total	Geo- thermal	Solar/PV ⁱ	Wind	Total	Interstate Flow of Electricity ^j	Net Electricity Imports ^K	Total
1960	0.0	0.3	0.0	NA	NA	0.0	0.0	NA	NA	0.3	0.0	0.0	94.9
1965	0.0	1.1	0.2	NA	NA	0.2	0.0	NA	NA	1.3	0.0	0.0	130.6
1970	0.0	1.1	0.4	NA	NA	0.4	0.0	NA	NA	1.6	0.0	0.0	197.0
1971 1972	0.0 0.0	0.9 0.9	0.3 0.6	NA NA	NA NA	0.3 0.6	0.0 0.0	NA NA	NA NA	1.3 1.5	0.0 0.0	0.0 0.0	211.7 218.1
1972	0.0	1.0	0.6	NA NA	NA NA	0.6	0.0	NA NA	NA NA	1.5	0.0	0.0	224.3
1974	0.0	1.0	0.6	NA	NA NA	0.6	0.0	NA NA	NA NA	1.5	0.0	0.0	212.1
1975	0.0	0.9	0.6	NA	NA	0.6	0.0	NA	NA	1.5	0.0	0.0	214.4
1976	0.0	1.0	0.7	NA	NA	0.7	0.0	NA	NA	1.7	0.0	0.0	220.1
1977	0.0	0.9	0.5	NA	NA	0.5	0.0	NA	NA	1.4	0.0	0.0	233.4
1978	0.0	0.9	0.3	NA	NA	0.3	0.0	NA	NA	1.1	0.0	0.0	237.0
1979 1980	0.0	0.9	0.3	NA NA	NA	0.3	0.0	NA	NA NA	1.3	0.0	0.0	256.7
1980	0.0 0.0	0.9 0.8	11.9 12.7	(s)	NA 0.0	11.9 12.7	0.0 0.0	NA NA	NA NA	12.8 13.6	0.0 0.0	0.0 0.0	262.5 236.8
1982	0.0	0.8	12.4	(s)	0.0	12.4	0.0	NA NA	NA NA	13.4	0.0	0.0	218.3
1983	0.0	0.9	14.0	0.0	0.0	14.0	0.0	NA	0.0	14.9	0.0	0.0	221.3
1984	0.0	0.9	14.3	0.0	0.0	14.3	0.2	0.0	0.0	15.4	0.0	0.0	232.4
1985	0.0	0.9	14.2	0.0	0.0	14.2	0.2	0.0	0.0	15.3	0.0	0.0	248.6
1986	0.0	0.8	16.3	0.0	0.0	16.3	0.2	0.0	0.0	17.3	0.0	0.0	245.3
1987	0.0	0.9	17.8	0.0	0.0	17.8	0.1	0.0	0.0	18.8	0.0	0.0	249.5
1988 1989	0.0 0.0	0.8 0.6	19.4 27.0	0.0 0.0	0.0 0.0	19.4 27.0	0.2 0.1	0.0 0.8	0.0 0.3	20.4 28.9	0.0 0.0	0.0 0.0	289.7 309.8
1999	0.0	0.8	27.0 25.9	0.0	0.0	27.0 25.9	(s)	0.8	0.3	28.0	0.0	0.0	321.4
1991	0.0	0.7	25.4	0.0	0.0	25.4	(s)	1.0	0.4	27.5	0.0	0.0	295.2
1992	0.0	0.6	24.9	0.0	0.0	24.9	(s)	1.0	0.2	26.8	0.0	0.0	306.1
1993	0.0	0.6	24.4	0.0	0.0	24.4	1.6	1.1	0.2	27.8	0.0	0.0	282.9
1994	0.0	1.4	20.7	0.0	0.0	20.7	1.9	1.1	0.2	25.4	0.0	0.0	299.4
1995	0.0	1.0	19.8	0.0	0.0	19.8	2.4	1.2	0.2	24.6	0.0	0.0	297.1
1996	0.0	1.1	19.1	0.0	0.0	19.1	2.5	1.2	0.2	24.1	0.0	0.0	283.3
1997 1998	0.0 0.0	1.2 1.2	17.4 16.5	0.0 0.0	0.0 0.0	17.4 16.5	2.5 2.4	1.3 1.3	0.2 0.2	22.5 21.7	0.0 0.0	0.0 0.0	273.6 273.6
1999	0.0	1.2	17.0	0.0	0.0	17.0	2.2	1.3	0.2	21.8	0.0	0.0	269.5
2000	0.0	1.1	15.2	0.0	0.0	15.2	2.7	1.3	0.2	20.5	0.0	0.0	273.5
2001	0.0	1.0	7.9	0.0	0.0	7.9	2.1	1.3	(s)	12.5	0.0	0.0	270.3
2002	0.0	1.0	7.5	0.0	0.0	7.5	0.7	1.3	(s)	10.5	0.0	0.0	284.9
2003	0.0	0.9	9.3	0.0	0.0	9.3	1.8	1.4	(s)	13.4	0.0	0.0	R 301.1
2004	0.0	0.9	9.3	0.0	0.0	9.3	2.1	1.4	0.1	13.9	0.0	0.0	R 314.9
2005 2006	0.0 0.0	1.0 1.2	8.4 8.5	1.2 1.4	0.0 0.0	9.6 9.9	2.2 2.1	1.5 1.6	0.1 0.8	14.3 R 15.6	0.0 0.0	0.0 0.0	R 324.9 R 327.4
2007	0.0	0.9	8.0	1.7	0.0	9.9	2.3	1.8	2.4	17.0	0.0	0.0	R 338.0
2008	0.0	0.8	8.6	3.2	0.0	11.8	2.3	R 2.3	2.4	R 19.6	0.0	0.0	R 277 1
2009	0.0	1.1	8.6	3.6	0.0	12.2	1.6	R 2.3 R 2.7	2.5	20.1	0.0	0.0	R 276.7
2010	0.0	0.7	7.7	2.8	0.0	10.4	2.0	3.4	2.5	19.0	0.0	0.0	R 278 0
2011	0.0	0.9	7.3	3.2	0.0	10.6	2.2	R 4.7	3.3	21.6	0.0	0.0	R 287.1
2012	0.0	1.1	6.7	2.9	0.0	9.6	2.5	R 6.6	3.6	R 23.4	0.0	0.0	R 280.2
2013 2014	0.0 0.0	0.7 0.9	8.2 7.7	3.0 3.3	0.0 0.0	11.2 11.0	2.6 2.4	R 9.1 10.6	4.8 5.5	R 28.5 30.4	0.0 0.0	0.0 0.0	R 281.3 281.2
2014	0.0	0.9	1.1	3.3	0.0	11.0	2.4	10.0	ა.5	30.4	0.0	0.0	201.2

^e Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

during the year. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

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

⁹ Excludes denaturant. Pre-2005 estimates are not comparable to those for later years. See Section 5 of Technical Notes.

h Losses and co-products from the production of fuel ethanol.

Solar thermal and photovoltaic energy.

Solar thermal and photovoltaic energy.

Includes the energy losses associated with the generation, transmission, and distribution of the electricity flowing across state lines. A positive number indicates that more electricity came into the state than went out of the state

k Electricity traded with Canada and Mexico. Calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.

NA = Not available.

Where shown, R = Revised data and (s) = Value less than +0.05 and greater than -0.05 trillion Btu.

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

Web Page: All data are available at http://www.eia.gov/state/seds/seds-data-complete.cfm.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT3. Total End-Use Energy Consumption Estimates, Selected Years, 1960-2014, Hawaii

Thousand Case Cas							Petroleum				Hydro-	Bion	nass			Retail			
Thousand Short For Cubic Feet Short For Short For Cubic Feet Short For Short For Cubic Feet Short For Short	1	Coal				LPG °			Other ^e	Total			_					Electrical	
1965 0	Year					1	housand Barrels	i			Kilowatt-	and	and Co-		Photo-	Kilowatt-	Net Energy ^{g,j}	System Energy Losses ^k	Total ^{g,j}
1965 0	1960	0	0	849	4.321	112	3.429	2.047	3.331	14.088	0					1,285			
1975 0		-	-													2,452			
1980 0 3 5,099 14,116 1,573 7,231 2,957 1,489 32,486 67 6 1985 46 2 3,774 13,260 133 7,594 2,890 1,308 28,959 67 6 1990 28 3 4,675 12,646 178 8,670 5,222 2,965 34,457 57 6 1995 192 3 3,576 9,490 1,316 9,416 3,744 2,990 30,922 64 8 2000 110 3 2,319 9,488 562 9,280 2,672 2,888 2,939 60 9 2000 110 3 2,319 9,488 562 9,280 2,672 2,888 2,939 60 9 2001 10 3 2,319 9,488 562 9,280 2,672 2,888 2,939 60 9 2002 50 3 5,908 12,708 492 10,597 12,77 2,779 33,782 50 10 2003 52 3 5,908 12,708 492 10,597 1,277 2,779 33,782 50 10 2005 59 3 4,723 16,372 432 10,976 1,905 2,988 37,611 38 10 2006 59 3 4,723 6,981 12,756 419 11,438 4,893 2,770 38,9167 38 10 2007 72 3 6,981 12,756 419 11,438 4,893 2,770 38,9167 38 10 2008 89 3 3,301 10,702 674 10,675 1,412 2,423 2,432		-	-													3,776			
1986				,												5,310			
1999																6,331 6,635			
1995 192 3 3.76 9.940 1.316 9.416 3.764 2.999 30.922 64 9.000 110 3 2.319 9.438 562 9.289 2.672 2.688 26.986 60 9.001 113 3 3.064 8.895 582 9.710 2.671 2.969 27.891 50 9.001 113 3 3.064 8.895 582 9.710 2.671 2.969 27.891 50 9.002 2.003 52 3 5.908 12.708 492 10.741 1.892 2.569 29.930 60 9.003 52 3 5.908 12.708 492 10.741 1.892 2.772 35.7394 37 10.005 59 3 4.723 16.372 432 10.978 1.905 2.968 37.379 34 10.005 59 3 4.723 16.372 432 10.978 1.905 2.968 37.379 34 10.005 59 3 4.723 16.372 432 10.978 1.905 2.968 37.379 34 10.005 59 3 4.723 16.372 432 10.978 1.905 2.968 37.379 34 10.005 2.008 3 3.301 10.702 674 10.675 1.412 2.423 29.918 39 10.005 2.008 3 3.301 10.702 674 10.675 1.412 2.423 29.918 39 10.005 2.008 2			_													8,311			
2000																9,188			
2002 50 3 4,099 10,189 770 10,419 1.883 2.569 29,930 60 9 2003 52 3 5,008 12,708 492 10,741 1.892 2.772 33,394 37 10 2004 53 3 6,148 13,379 462 10,741 1.892 2.772 35,394 37 10 2005 59 3 4,238 15,334 471 11,533 3,188 2.648 37,611 38 10 2006 59 3 4,238 15,334 471 11,533 3,188 2.648 37,611 38 10 2007 72 3 6,881 12,756 419 11,348 4,893 2.770 39,167 38 10 2008 99 3 3,301 10,702 674 10,675 1,412 2,423 29,188 39 10 2009 88 3 3,302 9,303 819 10,834 1,680 87,809 87,2518 35 10 2010 61 3 4,610 9,837 827 9,993 1,525 8,327 8,3010 42 10 2011 61 3 4,610 9,837 827 9,993 1,525 8,327 8,3100 42 10 2012 50 3 3,316 11,311 897 10,586 1,233 8,3129 83,100 44 9 2013 61 3 3,640 11,323 837 81,046 1,145 1,456 8,327 8,3100 44 9 2014 61 3 2,307 12,922 832 10,667 1,105 3,069 30,902 52 9 2014 61 3 2,207 12,922 832 10,667 1,105 3,069 30,902 52 9 2014 61 3 2,307 12,922 832 10,667 1,105 3,069 30,902 52 9 2018 60 0.0 0.0 4,9 23.5 0.4 18.0 12,9 17,5 77.3 0.0 0.0 NA NA NA 1970 0.0 0.0 8.8 83.5 3.3 3.55 14,9 8.8 196.1 0.7 11,9 NA NA NA 1970 0.0 0.0 8.8 83.5 3.3 3.55 14,9 8.6 154.6 0.7 0.3 NA NA NA 1980 0.0 3,7 2,97 79,2 5,5 3,5 3,5 14,9 8.6 154.6 0.7 0.3 NA NA NA 1980 0.0 3,7 2,97 79,2 5,5 3,5 3,5 14,9 8.6 154.6 0.7 0.3 NA NA NA 1980 0.0 3,7 2,97 79,2 5,5 3,5 3,5 14,9 8.6 154.6 0.7 0.3 NA NA NA 1980 0.1 3,0 2,0 7,0 2,0 5,5 5,5 14,9 8.6 154.6 0.7 0.3 NA NA NA 1980 0.1 3,0 2,0 7,0 2,0 5,5 5,5 14,9 8.6 154.6 0.7 0.3 NA NA NA 1980 0.1 3,0 3,0 3,0 3,0 3,0 3,0 3,0 3,0 3,0 3,0			3													9,691			
2003 52 3 5.008 12.708 492 10.597 1277 2.779 33.782 50 10 2004 53 3 6.148 13.379 462 10.741 18.92 2.772 35.594 37 10 2005 59 3 4.723 16.372 432 10.978 19.05 2.988 37.379 34 10 2007 72 3 6.881 12.756 419 11.348 4.893 2.770 39.167 38 10 2007 72 3 6.881 12.756 419 11.348 4.893 2.770 39.167 38 10 2008 89 93 3.301 10.702 674 10.675 1.142 2.423 29.188 39 10 2009 88 3 3.302 9.303 819 10.834 1.880 8.308 8.2518 39 10 2010 61 3 4.610 9.837 827 9.993 15.25 83.227 8.31216 49 10 2011 58 3 4.650 10.948 889 11.145 14.66 8.327 8.327 8.3166 49 9 2012 50 3 3.346 11.311 897 10.886 12.33 8.327 8.3166 49 9 2013 61 3 3.640 11.232 837 8.10.667 1.163 8.3293 8.31001 44 9 2014 61 3 2.307 12.292 832 10.667 1.105 3.069 8.3090 52 9 2014 61 3 2.307 12.292 832 10.667 1.105 3.069 8.3090 52 9 2015 60 0.0 0.0 9.0 42.3 0.9 21.4 18.0 12.9 17.5 77.3 0.0 0.0 NA NA NA 1965 0.0 0.0 0.0 9.3 88.35 3.3 3.55 14.9 8.6 154.6 0.7 0.3 NA NA NA 1975 0.0 0.0 0.0 8.8 83.5 3.3 3.55 14.9 8.6 154.6 0.7 0.3 NA NA NA 1975 0.0 0.0 0.0 8.8 83.5 3.3 3.55 14.9 8.6 154.6 0.7 0.3 NA NA NA 1975 0.0 0.0 0.0 8.8 83.5 3.3 3.55 14.9 8.6 154.6 0.7 0.3 NA NA NA 1986 1.1 2.7 2.0 74.4 0.5 3.99 12.2 8.0 163.0 0.7 14.0 0.0 NA NA 1986 1.1 2.7 2.0 74.4 0.5 3.99 12.2 8.0 163.0 0.7 14.0 0.0 NA NA 1986 1.1 2.7 2.0 74.4 0.5 3.99 12.2 8.0 163.0 0.7 14.0 0.0 NA NA 1986 1.1 2.7 2.0 74.4 0.5 3.99 12.2 8.0 163.0 0.7 14.0 0.0 NA NA 1986 1.1 2.7 2.0 74.4 0.5 3.99 12.2 8.0 163.0 0.7 14.0 0.0 NA NA 1986 1.1 2.7 2.0 74.4 0.5 3.99 18.2 8.0 163.0 0.7 14.0 0.0 NA NA 1986 1.1 2.7 2.0 75.8 5.4 1.10 1.20 1.20 1.20 1.20 0.9 0.0 0.0 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3																9,785			
2004 53 3 6,148 13,379 462 10,741 1,892 2,772 35,994 37 10 2005 59 3 4,228 15,324 471 11,533 3,188 2,248 37,611 38 10 2006 59 3 4,228 15,334 471 11,533 3,188 2,248 37,611 38 10 2007 72 3 6,981 12,756 419 11,348 4,893 2,770 39,167 38 10 2008 99 3 3,301 10,702 674 10,675 14,12 2,23 29,188 39 10 2009 88 3 3,802 9,303 819 10,834 1,860 8,308 39 10 2010 61 3 4,610 9,837 827 9,993 1,825 8,327 8,0120 42 10 2011 58 3 4,610 9,837 827 9,993 1,825 8,327 8,0120 42 10 2012 50 3 3,916 11,311 897 10,588 1,233 8,3129 8,1072 59 9 2013 61 3 3,840 11,323 837 8,000 11,45 1,465 8,3257 8,3160 44 9 2014 61 3 3,840 11,323 837 8,000 11,145 1,465 8,323 83,100 44 9 2015 61 3 3,840 11,323 837 8,000 11,465 1,163 8,323 8,3100 44 9 2016 61 3 3,840 11,323 837 8,000 11,165 3,069 30,992 52 9 2017 61 3 3,840 11,323 837 8,000 11,165 3,069 30,992 52 9 2018 61 3 3,840 11,323 837 8,000 1,165 3,069 30,992 52 9 2019 61 3 3,840 11,323 837 8,000 1,1657 1,105 3,069 30,992 52 9 2019 70 0.0 0.0 9.0 42.3 0.9 21,4 18.5 9.9 102.0 0.9 0.2 NA																9,892			
2006 59 3 4,723 16,372 432 10,978 1,905 2,968 37,379 34 10																10,391 10,732			
2006 59 3 4,238 15,334 471 11,533 3,188 2,948 37,611 38 10			-													10,732			
2007 72 3 6,981 12,756 419 11,348 4,893 2,770 39,167 38 10 2009 88 3 3,802 3,303 819 10,834 1,680 R 3,000 R 29,518 39 10 2009 88 3 3,802 3,303 819 10,834 1,680 R 3,000 R 29,518 35 10 2010 61 3 4,610 9,837 827 9,993 1,525 R 3,327 R 30,120 42 10 2011 58 3 4,050 10,945 R 889 11,145 1,456 R 3,327 R 30,186 44 9 20112 50 3 3,916 11,311 897 10,586 1,233 R 31,001 44 9 2014 61 3 2,307 12,922 832 10,667 1,105 3,069 30,902 52 9 2014 61 3 2,307 12,922 832 10,667 1,105 3,069 30,902 52 9 20 20 20 20 20 20 20																10,568			
2009 88 3 3 ,802 9,303 819 10,834 1,880			3													10,585			
2010 61 3 4,610 9,837 827 9,993 1,525 83,327 83,120 42 10 2011 58 3 4,050 10,948 8889 11,145 1,456 83,327 81,816 49 9 2012 50 3 3,916 11,311 897 10,586 1,233 83,129 83,1072 59 9 2013 61 3 3,640 11,323 837 810,746 1,163 83,283 83,1001 44 9 2014 61 3 2,307 12,592 832 10,667 1,105 3,069 30,902 52 9 2015 2014 61 3 2,307 12,592 832 10,667 1,105 8,105 8,1001 44 9 2016 20 0.0 0.0 0.0 4.9 23.5 0.4 18.0 12.9 17.5 77.3 0.0 0.0 NA NA NA NA 1965 0.0 0.0 0.0 4.9 23.5 0.4 18.0 12.9 17.5 77.3 0.0 0.0 0.0 NA NA NA NA 1965 0.0 0.0 0.0 9.0 42.3 0.9 21.4 18.5 9.9 102.0 0.9 0.2 NA NA NA NA 1965 0.0 0.0 9.3 80.1 3.6 29.9 21.7 8.2 152.7 0.9 0.2 NA NA NA NA 1985 0.0 0.0 8.8 83.5 3.3 35.5 14.9 8.6 154.6 0.7 0.3 NA NA NA 1980 0.0 3.0 29.7 79.2 5.8 38.0 18.6 8.8 180.1 0.7 11.9 NA NA NA 1985 1.1 2.7 22.0 74.4 0.5 39.9 18.2 8.0 163.0 0.7 14.0 0.0 NA NA NA 1990 0.7 3.0 27.2 71.1 0.7 45.5 32.8 17.8 195.2 0.6 18.2 0.0 (s) 0.9 19.9 0.0 0.0 (s) 1.3 1995 4.1 2.9 20.8 56.4 4.7 49.1 23.7 17.6 172.3 0.7 13.3 0.0 (s) 1.2 2000 2.1 3.0 13.5 53.5 2.1 48.4 16.8 16.6 151.0 0.6 9.9 0.0 (s) 1.3 2002 0.7 2.9 23.9 57.8 2.9 54.3 11.8 15.5 166.1 0.6 5.1 0.0 (s) 1.3 2002 0.7 2.9 23.9 57.8 2.9 54.3 11.8 15.5 166.1 0.6 5.1 0.0 (s) 1.3 2004 1.3 2.9 35.8 75.9 1.8 55.9 11.9 16.8 197.9 0.4 89.5 0.0 (s) 1.3 2004 1.3 2.9 35.8 75.9 1.8 55.9 11.9 16.8 197.9 0.4 89.5 0.0 (s) 1.3 2004 1.3 2.9 35.8 75.9 1.8 55.9 11.9 16.8 197.9 0.4 89.5 0.0 (s) 1.4 2.9 24.4 86.9 18.8 55.9 11.9 16.8 197.9 0.4 89.5 0.0 (s) 1.5 2007 1.8 3.0 40.4 72.3 1.6 58.5 30.8 16.7 2002 0.4 88.0 0.0 (s) 1.8 2009 2.0 2.7 2.8 24.6 86.9 18.8 59.9 20.0 17.1 21.0 4.4 8.5 0.0 (s) 1.6 2007 1.8 3.0 40.4 72.3 1.6 58.5 30.8 16.7 2002 0.4 88.0 0.0 (s) 1.8 2009 2.0 2.7 2.6 6.5 58.8 3.2 50.0 16.7 2002 0.4 88.0 0.0 (s) 1.8 2009 2.0 2.7 2.2 2.6 56.6 55.8 3.2 50.0 16.7 2002 0.4 88.0 0.0 (s) 1.8 2000 2.0 2.7 2.6 6.5 58.8 3.2 50.0 16.7 2002 0.4 88.0 0.0 (s) 1.8 2000 2.0 2.7 2.0 56.6 55.8 3.2 50.0 16.7 3.1 55.3 10.6 81.0 0.4 60.0									2,423	29,188						10,390			
2011 58 3 4,050 10,948				- ,					H 3,080	H 29,518						10,126			
2012 50 3 3,916 11,311 897 10,586 1,233 13,129 131,072 59 9 2014 61 3 3,640 11,323 837 10,746 1,163 12,33 13,000 44 4 9 2014 61 3 2,307 12,922 832 10,667 1,105 3,069 30,902 52 9 2014 61 3 2,307 12,922 832 10,667 1,105 3,069 30,902 52 9 2014 61 3 2,307 12,922 832 10,667 1,105 3,069 30,902 52 9 2014 61 3 2,307 12,922 832 10,667 1,105 3,069 30,902 52 9 2014 61 3 2,307 12,922 832 10,667 1,105 3,069 30,902 52 9 2014 12,91			-			827 B 000			'' 3,327 B o ooz	'' 30,120 B od od o						10,017			
2013 61 3 3,640 11,323 837 H10,746 1,163 H3,293 H31,001 44 9 2014 61 3 2,307 12,922 832 10,667 1,105 3,069 30,902 52 9 2016			-			889			R 3 120	R 31,816						9,962 9,639			
1960 0.0 0.0 0.0 4.9 23.5 0.4 18.0 12.9 17.5 77.3 0.0 0.0 0.0 NA NA NA NA 1965 0.0 0.0 0.0 9.0 42.3 0.9 21.4 18.5 9.9 102.0 0.9 0.2 NA NA NA NA 1965 0.0 0.0 0.0 0.0 8.8 83.5 3.3 35.5 14.9 8.6 154.6 0.7 0.3 NA NA NA NA 1980 0.0 3.0 29.7 79.2 5.8 38.0 18.6 8.8 180.1 0.7 11.9 NA NA NA 1980 0.0 3.0 29.7 79.2 5.8 38.0 18.6 8.8 180.1 0.7 11.9 NA NA NA 1990 0.7 3.0 27.2 71.1 0.7 45.5 32.8 17.8 195.2 0.6 18.2 0.0 (s) 0.9 1995 4.1 2.9 20.8 56.4 4.7 49.1 23.7 17.6 172.3 0.7 13.3 0.0 (s) 1.2 2000 2.1 3.0 13.5 55.5 2.1 48.4 16.8 16.6 151.0 0.6 9.9 0.0 (s) 1.3 2001 2.0 2.9 17.8 50.4 2.2 50.6 16.8 18.0 155.9 0.5 51.1 0.0 (s) 1.3 2002 0.7 2.9 23.9 57.8 2.9 54.3 11.8 15.5 166.1 0.6 5.1 0.0 (s) 1.3 2004 1.3 2.9 27.5 28.8 1.7 57.1 12.0 18.0 20.9 0.3 8.4 0.0 (s) 1.4 20.0 1.4 2.9 27.5 28.8 1.7 57.1 12.0 18.0 20.9 0.3 8.5 0.0 (s) 1.4 20.0 1.8 3.0 40.4 72.3 1.6 58.5 30.8 16.7 20.2 0.4 8.6 0.0 (s) 1.5 2006 1.6 2.9 24.6 86.9 1.8 59.9 20.0 17.1 210.4 0.4 8.5 0.0 (s) 1.8 20.0 2.0 2.7 27.5 28.8 1.7 57.1 12.0 18.0 20.9 0.3 8.5 0.0 (s) 1.5 2006 1.6 2.9 24.6 86.9 1.8 59.9 20.0 17.1 210.4 0.4 8.5 0.0 (s) 1.8 20.0 1.8 20.0 2.3 2.8 19.1 60.7 2.6 54.7 8.9 14.6 160.6 0.4 8.5 0.0 (s) 1.8 20.0 2.0 2.7 22.0 52.7 3.1 55.3 10.6 81.0 81.0 81.0 81.5 0.0 (s) 1.8 20.0 2.6 2.6 55.8 3.2 50.7 9.6 82.5 50.7 9.6 82.5 50.7 9.6 82.5 50.7 9.6 82.5 50.7 9.6 82.5 50.7 9.6 82.5 50.7 9.6 82.5 50.7 9.6 82.5 50.7 9.6 82.5 50.7 9.6 82.5 50.7 9.6									R 3.293	R 31.001						9,503			
1960 0.0 0.0 0.0 4.9 23.5 0.4 18.0 12.9 17.5 77.3 0.0 0.0 NA NA NA NA NA 1965 0.0 0.0 0.0 9.0 42.3 0.9 21.4 18.5 9.9 102.0 0.9 0.2 NA NA NA NA NA 1970 0.0 0.0 0.0 8.8 83.5 3.3 35.5 14.9 8.6 154.6 0.7 0.3 NA NA NA NA 1980 0.0 3.0 29.7 79.2 5.8 38.0 18.6 8.8 180.1 0.7 11.9 NA NA NA NA 1985 1.1 2.7 22.0 74.4 0.5 39.9 18.2 8.0 163.0 0.7 14.0 0.0 NA NA NA 1990 0.7 3.0 27.2 71.1 0.7 45.5 32.8 17.8 195.2 0.6 18.2 0.0 (s) 0.9 1995 4.1 2.9 20.8 56.4 4.7 49.1 23.7 17.6 172.3 0.7 13.3 0.0 (s) 1.2 2000 2.1 3.0 13.5 53.5 2.1 48.4 16.8 16.6 151.0 0.6 9.9 0.0 (s) 1.3 2001 2.0 2.9 17.8 50.4 2.2 50.6 16.8 18.0 155.9 0.5 5.1 0.0 (s) 1.3 2002 0.7 2.9 23.9 57.8 2.9 54.3 11.8 15.5 166.1 0.6 5.1 0.0 (s) 1.3 2003 1.4 2.9 34.4 72.1 1.9 55.1 8.0 16.7 188.2 0.5 8.7 6.7 0.0 (s) 1.4 2005 1.4 2.9 27.5 92.8 1.7 57.1 12.0 18.0 20.9 0.3 8.4 0.0 (s) 1.5 2006 1.6 2.9 24.6 86.9 1.8 59.9 20.0 17.1 21.0 18.0 20.0 0.3 8.4 0.0 (s) 1.5 2006 1.6 2.9 24.6 86.9 1.8 59.9 20.0 17.1 21.0 18.0 20.0 18.5 18.5 0.0 (s) 1.8 2009 2.0 2.7 22.0 52.7 3.1 55.3 10.6 8.9 14.6 160.6 0.4 8.6 0.0 (s) 1.8 2009 2.0 2.7 22.0 52.7 3.1 55.3 10.6 8.9 14.6 160.6 0.4 8.6 0.0 (s) 1.8 2009 2.0 2.7 22.0 52.7 3.1 55.3 10.6 8.9 14.6 160.6 0.4 8.6 0.0 (s) 1.8 2009 2.0 2.7 22.0 52.7 3.1 55.3 10.6 8.9 14.6 160.6 0.4 8.6 0.0 (s) 1.8 2009 2.0 2.7 22.0 52.7 3.1 55.3 10.6 8.9 14.6 160.6 0.4 8.6 0.0 (s) 1.8 2009 2.0 2.7 22.0 52.7 3.1 55.3 10.6 8.9 14.6 160.6 0.4 8.6 0.0 (s) 1.8 2009 2.0 2.7 22.0 52.7 3.1 55.3 10.6 8.9 14.6 160.6 0.4 8.6 0.0 (s) 1.8 2009 2.0 2.7 22.0 52.7 3.1 55.3 10.6 8.9 20.5 8.166.4 0.4 7.6 0.0 (s) 1.8 2009 2.0 2.7 22.0 52.7 3.1 55.3 10.6 8.9 14.6 160.6 0.4 8.6 0.0 (s) 1.8 2009 2.0 2.7 22.0 52.7 3.1 55.3 10.6 8.9 14.6 160.6 0.4 8.6 0.0 (s) 1.8 2009 2.0 2.7 22.0 52.7 3.1 55.3 10.6 8.9 20.5 8.166.4 0.4 7.6 0.0 (s) 1.8 2009 2.0 2.7 22.0 52.7 3.1 55.3 10.6 8.9 20.5 8.166.4 0.4 7.6 0.0 (s) 1.8 2009 2.0 2.0 2.7 22.0 52.7 3.1 55.3 10.6 8.9 20.5 8.166.4 0.4 7.6 0.0 (s) 1.8 2009 2.0 2.0 2.7 22.0 52.7 3.1 55.3 10.6 8.9 20.5 8.166.4 0.4 7.6 0.0 (s) 1.8 2009 2.0 2.0 2.7 22.0 52.7 3.1			3								52					9,475			
1965 0.0 0.0 0.0 9.0 42.3 0.9 21.4 18.5 9.9 102.0 0.9 0.2 NA NA NA NA 1970 0.0 0.0 0.0 9.3 80.1 3.6 29.9 21.7 8.2 152.7 0.9 0.2 NA NA NA NA NA 1980 0.0 0.0 0.0 8.8 83.5 3.3 35.5 14.9 8.6 154.6 0.7 0.3 NA NA NA NA 1980 0.0 3.0 29.7 79.2 5.8 38.0 18.6 8.8 180.1 0.7 11.9 NA NA NA NA 1985 1.1 2.7 22.0 74.4 0.5 39.9 18.2 8.0 163.0 0.7 14.0 0.0 NA NA NA 1985 1.1 2.7 22.0 74.4 0.5 39.9 18.2 8.0 163.0 0.7 14.0 0.0 NA NA NA 1995 4.1 2.9 20.8 56.4 4.7 49.1 23.7 17.6 172.3 0.7 13.3 0.0 (s) 0.9 1995 4.1 2.9 20.8 56.4 4.7 49.1 23.7 17.6 172.3 0.7 13.3 0.0 (s) 1.2 2000 2.1 3.0 13.5 53.5 2.1 48.4 16.8 16.6 151.0 0.6 9.9 0.0 (s) 1.3 2002 0.7 2.9 23.9 57.8 2.9 54.3 11.8 15.5 166.1 0.6 5.1 0.0 (s) 1.3 2003 1.4 2.9 34.4 72.1 1.9 55.1 8.0 16.7 188.2 0.5 8.7 0.0 (s) 1.3 2004 1.3 2.9 35.8 75.9 1.8 55.9 11.9 16.8 197.9 0.4 8.9 0.4 8.9 30.0 (s) 1.4 2005 1.4 2.9 27.5 92.8 1.7 57.1 12.0 18.0 20.0 0.3 8.4 0.0 (s) 1.5 2006 1.6 2.9 24.6 86.9 1.8 59.9 20.0 17.1 21.0 4 0.4 8.5 0.0 (s) 1.8 2008 2.3 2.8 19.1 60.7 2.6 54.7 8.9 14.6 160.6 0.4 8.5 0.0 (s) 8.2 2.0 200 (s) 6.3 2.0 2.0 2.7 22.0 52.7 3.1 55.3 10.6 8.9 14.6 160.6 0.4 8.5 0.0 (s) 8.3 4.8 2.0 2.0 18.2 2.0 2.0 2.0 2.7 22.0 52.7 3.1 55.3 10.6 8.9 14.6 160.6 0.4 8.5 0.0 (s) 1.8 2.0 2.0 2.0 2.7 22.0 52.7 3.1 55.3 10.6 8.9 14.6 160.6 0.4 8.5 0.0 (s) 8.3 4.8 2.0 2.0 18.3 2.0 18.5 2.0 2.0 18.3 2.0 2.0 17.1 21.0 18.0 20.0 17.1 21.0 18.0 20.0 (s) 1.8 2.0 20.0 (s) 1.8 2.0 20.0 2.7 22.0 52.7 3.1 55.3 10.6 8.9 14.6 160.6 0.4 8.5 0.0 (s) 1.8 2.0 2.6 2.0 2.7 22.0 52.7 3.1 55.3 10.6 8.9 14.6 160.6 0.4 8.5 0.0 (s) 8.2 2.0 2.0 2.0 2.7 22.0 52.7 3.1 55.3 10.6 8.9 18.6 160.6 0.4 8.5 0.0 (s) 8.3 4.8 2.0 18.3										Trillion Btu	İ								
1965 0.0 0.0 0.0 9.0 42.3 0.9 21.4 18.5 9.9 102.0 0.9 0.2 NA NA NA NA NA 1970 0.0 0.0 0.0 9.3 80.1 3.6 29.9 21.7 8.2 152.7 0.9 0.2 NA NA NA NA NA 1980 0.0 0.0 8.8 83.5 3.3 35.5 14.9 8.6 154.6 0.7 0.3 NA NA NA NA 1980 0.0 3.0 29.7 79.2 5.8 38.0 18.6 8.8 180.1 0.7 11.9 NA NA NA NA 1985 1.1 2.7 22.0 74.4 0.5 39.9 18.2 8.0 163.0 0.7 14.0 0.0 NA NA NA 1985 1.1 2.7 22.0 74.4 0.5 39.9 18.2 8.0 163.0 0.7 14.0 0.0 NA NA NA 1995 4.1 2.9 20.8 56.4 4.7 49.1 23.7 17.6 172.3 0.7 13.3 0.0 (s) 0.9 1995 4.1 2.9 20.8 56.4 4.7 49.1 23.7 17.6 172.3 0.7 13.3 0.0 (s) 1.2 2000 2.1 3.0 13.5 53.5 2.1 48.4 16.8 16.6 151.0 0.6 9.9 0.0 (s) 1.3 2002 0.7 2.9 23.9 57.8 2.9 54.3 11.8 15.5 166.1 0.6 5.1 0.0 (s) 1.3 2003 1.4 2.9 34.4 72.1 1.9 55.1 8.0 16.7 188.2 0.5 8.7 0.0 (s) 1.3 2004 1.3 2.9 35.8 75.9 1.8 55.9 11.9 16.8 197.9 0.4 8.9 3.0 0 (s) 1.4 2005 1.4 2.9 27.5 92.8 1.7 57.1 12.0 18.0 20.0 0.3 8.4 0.0 (s) 1.5 2006 1.6 2.9 24.6 86.9 1.8 59.9 20.0 17.1 21.0 4 0.4 8.5 0.0 (s) 1.8 2008 2.3 2.8 19.1 60.7 2.6 54.7 8.9 14.6 160.6 0.4 8.5 0.0 (s) 1.8 2009 2.0 2.7 22.0 52.7 3.1 55.3 10.6 8.9 14.6 160.6 0.4 8.5 0.0 (s) 1.8 2009 2.0 2.7 22.0 52.7 3.1 55.3 10.6 8.9 14.6 160.6 0.4 8.5 0.0 (s) 2.6 2000 1.4 2.7 26.6 55.8 3.2 50.7 9.6 8.20 8.0 186.0 0.4 7.6 0.0 (s) 8.3 4	1960	0.0	0.0	4.9	23.5	0.4	18.0	12.9	17.5	77.3	0.0	0.0	NA	NA	NA	4.4	81.6	13.2	94.9
1975							21.4							NA		8.4	111.4	19.2	130.6
1980 0.0 3.0 29.7 79.2 5.8 38.0 18.6 8.8 180.1 0.7 11.9 NA NA NA NA 1985 1.1 2.7 22.0 74.4 0.5 39.9 18.2 8.0 163.0 0.7 14.0 0.0 NA NA NA 1990 0.7 3.0 27.2 71.1 0.7 45.5 32.8 17.8 195.2 0.6 18.2 0.0 (s) 0.9 1995 4.1 2.9 20.8 56.4 4.7 49.1 23.7 17.6 172.3 0.7 13.3 0.0 (s) 1.2 2000 2.1 3.0 13.5 53.5 2.1 48.4 16.8 16.6 151.0 0.6 9.9 0.0 (s) 1.3 2001 2.0 2.9 17.8 50.4 2.2 50.6 16.8 18.0 155.9 0.5 5.1 0.0 (s) 1.3 2002 0.7 2.9 23.9 57.8 2.9 54.3 11.8 15.5 166.1 0.6 5.1 0.0 (s) 1.3 2003 1.4 2.9 34.4 72.1 1.9 55.1 8.0 16.7 188.2 0.5 8.7 0.0 (s) 1.3 2004 1.3 2.9 35.8 75.9 1.8 55.9 11.9 16.8 197.9 0.4 8.2 0.5 8.7 0.0 (s) 1.4 2005 1.4 2.9 27.5 92.8 1.7 57.1 12.0 18.0 20.0 0.3 8.4 0.0 (s) 1.5 2006 1.6 2.9 24.6 86.9 1.8 59.9 20.0 17.1 210.4 0.4 8.5 0.0 (s) 1.5 2008 2.3 2.8 19.1 60.7 2.6 54.7 8.9 14.6 160.6 0.4 8.5 0.0 (s) 1.8 2009 2.0 2.7 22.0 52.7 3.1 55.3 10.6 8.9 14.6 160.6 0.4 8.5 0.0 (s) 8.2 2.0 2.6 2.7 22.0 52.7 3.1 55.3 10.6 8.9 14.6 160.6 0.4 8.5 0.0 (s) 8.3 4.4 72.3 1.6 55.3 10.6 8.9 14.6 160.6 0.4 8.5 0.0 (s) 1.8 2008 2.3 2.8 19.1 60.7 2.6 54.7 8.9 14.6 160.6 0.4 8.5 0.0 (s) 1.8 2009 2.0 2.7 22.0 52.7 3.1 55.3 10.6 8.9 14.6 160.6 0.4 8.5 0.0 (s) 8.3 4.5 2.0 2.6 2.7 22.0 52.7 3.1 55.3 10.6 8.9 14.6 160.6 0.4 8.5 0.0 (s) 8.3 4.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2																12.9	166.7	30.3	197.0
1985 1.1 2.7 22.0 74.4 0.5 39.9 18.2 8.0 163.0 0.7 14.0 0.0 NA NA 1990 0.7 3.0 27.2 71.1 0.7 45.5 32.8 17.8 195.2 0.6 18.2 0.0 (s) 0.9 1995 4.1 2.9 20.8 56.4 4.7 49.1 23.7 17.6 172.3 0.7 13.3 0.0 (s) 1.2 2000 2.1 3.0 13.5 53.5 2.1 48.4 16.8 16.6 151.0 0.6 9.9 0.0 (s) 1.3 2001 2.0 2.9 17.8 50.4 2.2 50.6 16.8 18.0 155.9 0.5 5.1 0.0 (s) 1.3 2002 0.7 2.9 23.9 57.8 2.9 54.3 11.8 15.5 166.1 0.6 5.1 0.0 (s) 1.3 2003 1.4 2.9 34.4 72.1 1.9 55.1 8.0 16.7 188.2 0.5 6.1 0.0 (s) 1.4 2004 1.3 2.9 35.8 75.9 1.8 55.9 11.9 16.8 197.9 0.4 6.9 3 0.0 (s) 1.4 2005 1.4 2.9 27.5 92.8 1.7 57.1 12.0 18.0 20.0 0.3 6.4 0.0 (s) 1.5 2006 1.6 2.9 24.6 86.9 1.8 59.9 20.0 17.1 210.4 0.4 6.9 8.4 0.0 (s) 1.5 2007 1.8 3.0 40.4 72.3 1.6 58.5 30.8 16.7 220.2 0.4 6.0 0.0 (s) 1.8 2009 2.0 2.7 22.0 52.7 3.1 55.3 10.6 6.1 16.0 6 1.0																18.1	173.8	40.7	214.4
1990 0.7 3.0 27.2 71.1 0.7 45.5 32.8 17.8 195.2 0.6 18.2 0.0 (s) 0.9 1995 4.1 2.9 20.8 56.4 4.7 49.1 23.7 17.6 172.3 0.7 13.3 0.0 (s) 1.2 2000 2.1 3.0 13.5 53.5 2.1 48.4 16.8 16.6 151.0 0.6 9.9 0.0 (s) 1.3 2001 2.0 2.9 17.8 50.4 2.2 50.6 16.8 18.0 155.9 0.5 5.1 0.0 (s) 1.3 2002 0.7 2.9 23.9 57.8 2.9 54.3 11.8 15.5 166.1 0.6 5.1 0.0 (s) 1.3 2003 1.4 2.9 34.4 72.1 1.9 55.1 8.0 16.7 188.2 0.5 6.7 0.0 (s) 1.3 2004 1.3 2.9 35.8 75.9 1.8 55.9 11.9 16.8 197.9 0.4 89.3 0.0 (s) 1.4 2004 1.3 2.9 27.5 92.8 1.7 57.1 12.0 18.0 2090 0.3 6.8 4.0 0.0 (s) 1.5 2006 1.6 2.9 24.6 86.9 1.8 59.9 20.0 17.1 210.4 0.4 8.5 0.0 (s) 1.5 2006 1.6 2.9 24.6 86.9 1.8 59.9 20.0 17.1 210.4 0.4 8.5 0.0 (s) 1.8 2006 2.3 2.8 19.1 60.7 2.6 54.7 8.9 14.6 160.6 0.4 6.5 0.0 (s) 1.8 2009 2.0 2.7 22.0 52.7 3.1 55.3 10.6 81.0 81.0 81.0 81.0 81.0 81.0 81.0 81.0																21.6 22.6	214.3 201.4	48.1 47.1	262.5 248.6
1995 4.1 2.9 20.8 56.4 4.7 49.1 23.7 17.6 172.3 0.7 13.3 0.0 (s) 1.2 2000 2.1 3.0 13.5 53.5 2.1 48.4 16.8 16.6 151.0 0.6 9.9 0.0 (s) 1.3 2001 2.0 2.9 17.8 50.4 2.2 50.6 16.8 18.0 155.9 0.5 5.1 0.0 (s) 1.3 2002 0.7 2.9 23.9 57.8 2.9 54.3 11.8 15.5 166.1 0.6 5.1 0.0 (s) 1.3 2003 1.4 2.9 34.4 72.1 1.9 55.1 8.0 16.7 188.2 0.5 86.7 0.0 (s) 1.4 2004 1.3 2.9 35.8 75.9 1.8 55.9 11.9 16.8 197.9 0.4 89.3 0.0 (s) 1.4 2005 1.4 2.9 27.5 92.8 1.7 57.1 12.0 18.0 209.0 0.3 8.4 0.0 (s) 1.5 2006 1.6 2.9 24.6 86.9 1.8 59.9 20.0 17.1 210.4 0.4 8.5 0.0 (s) 1.5 2007 1.8 3.0 40.4 72.3 1.6 58.5 30.8 16.7 220.2 0.4 88.5 0.0 (s) 1.8 2008 2.3 2.8 19.1 60.7 2.6 54.7 8.9 14.6 160.6 0.4 8.6 0.0 (s) 8.2 2009 2.0 2.7 22.0 52.7 3.1 55.3 10.6 8.9 14.6 160.6 0.4 8.5 0.0 (s) 8.3 2.6 2009 1.4 2.7 26.6 55.8 3.2 50.7 9.6 820.5 8.20 8.20 8.5 8.5 0.0 (s) 8.3 4																28.4	243.9	77.6	321.4
2000 2.1 3.0 13.5 53.5 2.1 48.4 16.8 16.6 151.0 0.6 9.9 0.0 (s) 1.3 2001 2.0 2.9 17.8 50.4 2.2 50.6 16.8 18.0 155.9 0.5 5.1 0.0 (s) 1.3 2002 0.7 2.9 23.9 57.8 2.9 54.3 11.8 15.5 166.1 0.6 5.1 0.0 (s) 1.3 2003 1.4 2.9 34.4 72.1 1.9 55.1 8.0 16.7 188.2 0.5 86.7 0.0 (s) 1.4 2004 1.3 2.9 35.8 75.9 1.8 55.9 11.9 16.8 197.9 0.4 8.3 0.0 (s) 1.4 2005 1.4 2.9 27.5 92.8 1.7 57.1 12.0 18.0 209.0 0.3 8.4 0.0 (s) 1.5 2006 1.6 2.9 24.6 86.9 1.8 59.9 20.0 17.1 210.4 0.4 8.5 0.0 (s) 1.5 2007 1.8 3.0 40.4 72.3 1.6 58.5 30.8 16.7 220.2 0.4 8.0 0.0 (s) 1.8 2008 2.3 2.8 19.1 60.7 2.6 54.7 8.9 14.6 160.6 0.4 8.6 0.0 (s) 8.2 2009 2.0 2.7 22.0 52.7 3.1 55.3 10.6 819.0 816.7 0.3 8.5 0.0 (s) 2.6 2010 1.4 2.7 26.6 55.8 3.2 50.7 9.6 820.5 8166.4 0.4 7.6 0.0 (s) 8.3 2011 1.4 2.7 26.6 55.8 3.2 50.7 9.6 820.5 8166.4 0.4 7.6 0.0 (s) 8.3 2012 1.3 2020 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5																31.3	222.9	74.2	297.1
2002 0.7 2.9 23.9 57.8 2.9 54.3 11.8 15.5 166.1 0.6 5.1 0.0 (s) 1.3 2003 1.4 2.9 34.4 72.1 1.9 55.1 8.0 16.7 188.2 0.5 R6.7 0.0 (s) 1.4 2004 1.3 2.9 35.8 75.9 1.8 55.9 11.9 16.8 197.9 0.4 R9.3 0.0 (s) 1.4 2005 1.4 2.9 27.5 92.8 1.7 57.1 12.0 18.0 209.0 0.3 R8.4 0.0 (s) 1.5 2006 1.6 2.9 24.6 86.9 1.8 59.9 20.0 17.1 210.4 0.4 R8.5 0.0 (s) 1.6 2007 1.8 3.0 40.4 72.3 1.6 58.5 30.8 16.7 220.2 0.4 R8.6 0.0 (s) 1.8 <td>2000</td> <td>2.1</td> <td>3.0</td> <td>13.5</td> <td>53.5</td> <td>2.1</td> <td>48.4</td> <td>16.8</td> <td>16.6</td> <td>151.0</td> <td>0.6</td> <td></td> <td>0.0</td> <td>(s)</td> <td></td> <td>33.1</td> <td>198.1</td> <td>75.4</td> <td>273.5</td>	2000	2.1	3.0	13.5	53.5	2.1	48.4	16.8	16.6	151.0	0.6		0.0	(s)		33.1	198.1	75.4	273.5
2003 1.4 2.9 34.4 72.1 1.9 55.1 8.0 16.7 188.2 0.5 R6.7 0.0 (s) 1.4 2004 1.3 2.9 35.8 75.9 1.8 55.9 11.9 16.8 197.9 0.4 R9.3 0.0 (s) 1.4 2005 1.4 2.9 27.5 92.8 1.7 57.1 12.0 18.0 209.0 0.3 R8.4 0.0 (s) 1.5 2006 1.6 2.9 24.6 86.9 1.8 59.9 20.0 17.1 210.4 0.4 R8.5 0.0 (s) 1.6 2007 1.8 3.0 40.4 72.3 1.6 58.5 30.8 16.7 220.2 0.4 R8.0 0.0 (s) 1.8 2008 2.3 2.8 19.1 60.7 2.6 54.7 8.9 14.6 160.6 0.4 R8.6 0.0 (s) R2.3 2009 2.0 2.7 22.0 52.7 3.1 55.3 10.6 R19.0 R162.7 0.3 R8.5 0.0 (s) 2.6 2010 1.4 2.7 26.6 55.8 3.2 50.7 9.6 R20.5 R166.4 0.4 7.6 0.0 (s) R3.4																33.4	198.4	71.9	270.3
2004 1.3 2.9 35.8 75.9 1.8 55.9 11.9 16.8 197.9 0.4 R9.3 0.0 (s) 1.4 2005 1.4 2.9 27.5 92.8 1.7 57.1 12.0 18.0 209.0 0.3 R8.4 0.0 (s) 1.5 2006 1.6 2.9 24.6 86.9 1.8 59.9 20.0 17.1 210.4 0.4 R8.5 0.0 (s) 1.6 2007 1.8 3.0 40.4 72.3 1.6 58.5 30.8 16.7 220.2 0.4 R8.0 0.0 (s) 1.8 2008 2.3 2.8 19.1 60.7 2.6 54.7 8.9 14.6 160.6 0.4 R8.6 0.0 (s) R2.3 2009 2.0 2.7 22.0 52.7 3.1 55.3 10.6 R19.0 R162.7 0.3 R8.5 0.0 (s) 2.6 2010 1.4 2.7 26.6 55.8 3.2 50.7 9.6 R20.5 R166.4 0.4 7.6 0.0 (s) R3.4												5.1				33.8	207.7	77.2	284.9
2005 1.4 2.9 27.5 92.8 1.7 57.1 12.0 18.0 209.0 0.3												"6.7 Boo	0.0			35.5 36.6	R 233.8 R 247.1	R 67.3 R 67.8	R 301.1 R 314.9
2006 1.6 2.9 24.6 86.9 1.8 59.9 20.0 17.1 210.4 0.4 R8.5 0.0 (s) 1.6 2007 1.8 3.0 40.4 72.3 1.6 58.5 30.8 16.7 220.2 0.4 R8.0 0.0 (s) 1.8 2008 2.3 2.8 19.1 60.7 2.6 54.7 8.9 14.6 160.6 0.4 R8.6 0.0 (s) R2.3 2009 2.0 2.7 22.0 52.7 3.1 55.3 10.6 R19.0 R162.7 0.3 R8.5 0.0 (s) 2.6 2010 1.4 2.7 26.6 55.8 3.2 50.7 9.6 R20.5 R166.4 0.4 7.6 0.0 (s) R3.4												9.3 R g ⊿				36.6 36.0	R 256.8	R 68.1	R 324.9
2007 1.8 3.0 40.4 72.3 1.6 58.5 30.8 16.7 220.2 0.4 R8.0 0.0 (s) 1.8 2008 2.3 2.8 19.1 60.7 2.6 54.7 8.9 14.6 160.6 0.4 R8.6 0.0 (s) R2.3 2009 2.0 2.7 22.0 52.7 3.1 55.3 10.6 R19.0 R162.7 0.3 R8.5 0.0 (s) 2.6 2010 1.4 2.7 26.6 55.8 3.2 50.7 9.6 R20.5 R166.4 0.4 7.6 0.0 (s) R3.4												Rgs	0.0			36.1	R 258.7	R 68.6	R 327.4
2008 2.3 2.8 19.1 60.7 2.6 54.7 8.9 14.6 160.6 0.4 ^R 8.6 0.0 (s) ^R 2.3 2009 2.0 2.7 22.0 52.7 3.1 55.3 10.6 ^R 19.0 ^R 162.7 0.3 ^R 8.5 0.0 (s) 2.6 2010 1.4 2.7 26.6 55.8 3.2 50.7 9.6 ^R 20.5 ^R 166.4 0.4 7.6 0.0 (s) ^R 3.4												R 8.0	0.0		1.8	36.1	R 268.4	R 69.6	R 338.0
2010 1.4 2.7 26.6 55.8 3.2 50.7 9.6 R 20.5 R 166.4 0.4 7.6 0.0 (s) R 3.4									14.6	160.6		R 8.6	0.0			35.5	R _{209.7}	R 67.4	R 277.1
2010 1.4 2.7 26.6 55.8 3.2 50.7 9.6 °20.5 °166.4 0.4 7.6 0.0 (s) °13.4									H 19.0	H 162.7					2.6	34.6	R 211.0	R 65.7	R 276.7
0044 40 07 004 004 004 00 B004 B1750 05 07 00 () 40										n 166.4						34.2	R 213.5	64.5	R 278.0
									" 20.4 R 10.1	" 1/5.0 R 170.6						34.0 32.9	R 222.2 R 218.3	64.9 61.9	R 287.1 R 280.2
2012 1.1 2.8 22.6 64.1 3.4 53.6 7.8 H19.1 H170.6 0.6 6.3 0.0 (s) 6.6 2013 1.4 H2.8 21.0 64.2 3.2 H54.4 7.3 H20.3 H170.4 0.4 7.6 0.0 (s) H8.9									R 20.3	R 170.6						32.9	R 221.4	59.9	R 281.3
2014 1.4 2.8 13.3 73.3 3.2 54.0 6.9 18.9 169.6 0.5 7.1 0.0 (s) 10.3										169.6						32.3	221.4	59.8	281.2

^a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

blended into motor gasoline that is not included in the motor gasoline column. 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 net energy and total.

^b 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."

^c Liquefied petroleum gases, includes ethane and olefins.

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

e Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, and the 16 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."

^f Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

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

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

i Losses and co-products from the production of fuel ethanol.

j Beginning in 2009, includes wind energy consumed by the commercial and industrial sectors. For 1981 through 1992, includes fuel ethanol

k 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: Total end-use consumption estimates are the sum of the consumption estimates for the residential, commercial, industrial, and transportation sectors. • Totals may not equal sum of components due to independent rounding. • 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.

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

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

Table CT4. Residential Sector Energy Consumption Estimates, Selected Years, 1960-2014, Hawaii

				Petro	oleum		Biomass			_			
	Coal ^a	Natural Gas ^b	Distillate Fuel Oil	Kerosene	LPG ^c	Total	Wood ^d			Retail Electricity Sales		Electrical System	
Year	Thousand Short Tons	Billion Cubic Feet		Thousan	d Barrels		Thousand Cords	Geothermal ^e	Solar/PV ^{e,f}	Million Kilowatthours	Net Energy ^{e,g}	Energy Losses h	Total ^{e,g}
1960	0	0	(s) 1	0	25 50	26	0			514			
1960 1965 1970 1975	0	0	`1	0	50	26 51 200	0			861 1,285 1,663			
1970	0	0	1	0	198	200	0			1,285			
1975	0	1	1	0	142 191	143 192	0			1,663			
1980 1985 1990	ŏ	i	(s)	ŏ	191 45	192 45	ŏ			1,841 1,879			
1990	0	1	(s) 2	0	57	57	0			2,324 2,606 2,676			
1995 1996	0		2	(s)	38 48	40 48	0			2,606			
1996	0	1	(s)	(s)	48 88	48	0			2,676			
1997	0	i	(s) (s)	(s) (s)	250	250	0			2,000 2,641			
1997 1998 1999 2000 2001 2002	Ŏ	1	(s)	(s)	250 142	88 250 142	Ö			2,668 2,641 2,689			
2000	0	1	(s)	(s)	194	194 197 197	0			2,765 2,802 2,898			
2001	0	1	(s)	(s)	196 197	197	0			2,802			
2002	0		(s) (s)	(s) (s)	146	197	0		==	2,898 3,028			
2004	0	i	(s)	(s)	149	149	0			3,162			
2005	Ō	1	(s)	(s)	149 152	146 149 152	9			3.164			
2003 2004 2005 2006 2007 2008	0	1	3	(s)	156 125	159 128 267	8			3,182 3,201			
2007	0	1 (2)	3 5	(s)	125 262	128	9 10			3,201 3,085			
2006	0	(s)	3	(s) (s)	239	242	17			3,065 3,055			
2009 2010	ő	i		(s)	239 R 220	239 R 220	15			3,055 2,989 2,929			
2011	0	(s)	(s) (s)	(s)	R 220	R 220	15 15			2,929			
2012 2013	0	(s)	(s)	(s)	332	332	14			2,739 2,609			
2013	0	1	(s) (s) (s)	(s) (s)	332 222 209	332 222 209	20 20			2,609 2,584			
2014	-		(3)	(3)	200		Trillion Btu			2,304			
1960 1965 1970	0.0 0.0	0.0 0.0	(s) (s) (s)	0.0 0.0 0.0	0.1 0.2	0.1 0.2	0.0 0.0	NA	NA NA	1.8 2.9	1.9	5.3 6.7	7.1 9.9
1900	0.0	0.0	(8)	0.0	0.8	0.8	0.0	NA NA	NA NA	4.4	5.1	10.3	15.5
1975 1980 1985 1990 1995	0.0	0.0	(s)	0.0	0.5	0.5	0.0	NA	NA	5.7	3.1 5.2 6.2	12.7	19.0
1980	0.0	1.4	(s)	0.0	0.7	0.7	0.0	NA	NA	6.3	7.0	14.0	21.0
1985	0.0	0.7	(s)	0.0	0.2	0.2 0.2 0.2	0.0	NA	NA	6.4	6.6	13.3 21.7 21.0	21.0 19.9 30.7
1990	0.0 0.0	0.6 0.6	(s) (s)	0.0 (s)	0.2 0.1	0.2	0.0 0.0	0.0 0.0	0.9 1.2	7.9 8.9	9.0 10.2	21.7	30.7 31.3
1996 1997 1998 1999 2000	0.0	0.6	(s)	(s)	0.2	0.2	0.0	0.0	1.2	9.1	10.6	21.5	32.1
1997	0.0	0.6 0.5	(s)	(s)	0.2 0.3	0.2 0.3	0.0 0.0	0.0	1.2 1.3	9.1	10.7	21.5 21.5	32.1 32.2
1998	0.0	0.6	(s) (s)	(s)	1.0	1.0 0.5 0.7	0.0	0.0	1.3 1.3 1.3	9.0	11.3	21.1 21.4	32.4 32.4 33.1 32.2
1999	0.0 0.0	0.6 0.6		(s)	0.5 0.7	0.5	0.0 0.0	0.0 0.0	1.3	9.2 9.4	11.1 11.5	21.4 21.5	32.4
	0.0	0.6	(s) (s)	(s) (s)	0.7	በ ጸ	0.0	0.0	1.3	9.4 9.6	11.7	20.6	33.1 32.2
2002	0.0	0.6	(s)	(s)	0.8	0.8 0.6 0.6 0.6	0.0	0.0	1.3	9.9	12.0	22.6	34.6
2003	0.0	0.6	(s)	(s)	0.6	0.6	0.0	0.0	1.4	9.9 10.3 10.8	12.0 12.3 12.8	R 19.6	R 31.9
2004	0.0	0.5	(s)	(s)	0.6	0.6	0.0	0.0	1.4	10.8	12.8	H 20.0	H 32.8
2002 2003 2004 2005 2006	0.0 0.0	0.5 0.5	(s) (s)	(s)	0.6 0.6	0.6 0.6	0.2	0.0 0.0	1.5 1.6	10.8 10.9	13.1 13.2	20.6 R 19.6 R 20.0 R 20.5 R 20.7 R 21.0 R 20.0 R 19.8	34.6 R 31.9 R 32.8 R 33.5 R 33.9
2007	0.0	0.5	(S) (S)	(s) (s)	0.5	0.5	0.2 0.2 0.2 0.2 0.3	0.0	1.0	10.9	13 4	R 21 0	R 34 4
2007 2008 2009	0.0	0.5	(s)	(s)	1.0	1.0	0.2	0.0	1.8 R 2.3	10.5 10.4	14.0 14.4	R 20.0	R 34.0
2009	0.0	0.5	(s)	(s)	0.9	0.9	0.3	0.0	2.6 R 3.4	10.4	14.4	R 19.8	R 34.2
2010 2011	0.0	0.5 0.5	(s)	(s)	0.9 R 0.8	0.9 R 0.8	0.3 0.3	0.0	H 3.4	10.2 10.0	14.8	19.3	H 34.1
2011	0.0 0.0	0.5 0.5	(s)	(s)	1.0.8	1 0.8	0.3	0.0 0.0	4.6	10.0	15.8 R 17.5	19.1 17.6	34.9 R 35.1
2012 2013	0.0	0.6	(s) (s)	(s) (s)	1.3 0.9 0.8	1.3 0.9 0.8	0.3 0.4 0.4	0.0 0.0 0.0	6.6 R 8.9 10.3	9.3 8.9 8.8	15.8 R 17.5 R 19.1	16.4	R 34.4 R 34.0 R 34.2 R 34.1 34.9 R 35.1 R 35.6 36.6
2014	0.0	0.6	(s)	(s)		- : :	211	- 1 1		± 17	20.3	16.3	

<sup>a Beginning in 2008, data are no longer collected and are assumed to be zero.
b Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.
c Liquefied petroleum gases, includes ethane and olefins.
d Wood and wood-derived fuels.
e There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
f Solar thermal and photovoltaic energy. Includes distributed solar thermal and photovoltaic energy used in the commercial and industrial sectors.</sup> commercial and industrial sectors.

⁹ 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 net energy and total.

h 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 of energy.

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

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

→ Table CT5. Commercial Sector Energy Consumption Estimates, Selected Years, 1960-2014, Hawaii

Part Thousand Cast Thousand Cast Thousand Cast Cast Thousand Cast Thousand Cast Thousand Cast Thousand Cast Cast Thousand Cast Cas						Pe	troleum				Biomass					
Thousand Thousand Barrels	7	Coal			Kerosene	LPG ^b			Total ^d		Wood					
1975 0	Year					Thous	and Barrels				and	Geothermal ^f		Net Energy ^{f,h}	Energy .	Total ^{f,h}
1975 0	1960			48	23	42	55	41	209	NA			306			
1975 0	1965			174	39 87	328	133	38	760	NA NA			771			
1980 0	1975		0	84	45	235	98	15	477	NA			1,109			
1980 0	1985			132		74	54 47	25 21	792 275	NA NA			1,612			
1989 0	1990		2	453	(s)	93	59	825	1.430				2,253			
1989 0	1996		2	224	(s)	78		13	326	0						
1989 0	1997	0	2	392	(s)	145	11	11	560	0			2,839			
2002 0 2 310 (s) 326 12 (s) 848 0 3.223 2002 2003 0 2 2 882 (s) 2416 12 0 586 0 3.323 2005 0 2 384 (s) 2416 12 0 586 0 3.463 2006 0 2 384 (s) 251 12 3 661 0 3.463 2006 0 2 384 (s) 251 12 1 662 0 3.463 2007 0 2 382 (s) 257 12 1 662 0 3.463 3.2007 0 2 2 882 (s) 257 12 1 662 0 3.360 3.200 3.200 2007 0 2 2 882 (s) 403 12 0 686 0 3.550 3.550 2008 0 0 2 2 221 (s) 403 12 0 686 0 3.550 3.550 2008 0 0 2 2 221 (s) 403 12 0 686 0 3.550 3.550 2008 0 0 2 2 221 (s) 403 12 0 686 0 0 3.550 2011 0 0 2 2 299 (s) 623 12 0 860 0 0 3.358 2012 0 0 2 2 266 (s) 633 12 0 860 0 0 3.388 2012 0 0 2 2 266 (s) 609 13 0 0 877 0 0 3.283 3.283 2013 0 0 2 2 353 (s) 609 13 0 0 877 0 0 3.283 3.283 3.283 3.283 3.280		•	2		(S) (S)					0						
2002 0 2 310 (s) 326 12 (s) 848 0 3.223 2002 2003 0 2 2 882 (s) 2416 12 0 586 0 3.323 2005 0 2 384 (s) 2416 12 0 586 0 3.463 2006 0 2 384 (s) 251 12 3 661 0 3.463 2006 0 2 384 (s) 251 12 1 662 0 3.463 2007 0 2 382 (s) 257 12 1 662 0 3.463 3.2007 0 2 2 882 (s) 257 12 1 662 0 3.360 3.200 3.200 2007 0 2 2 882 (s) 403 12 0 686 0 3.550 3.550 2008 0 0 2 2 221 (s) 403 12 0 686 0 3.550 3.550 2008 0 0 2 2 221 (s) 403 12 0 686 0 3.550 3.550 2008 0 0 2 2 221 (s) 403 12 0 686 0 0 3.550 2011 0 0 2 2 299 (s) 623 12 0 860 0 0 3.358 2012 0 0 2 2 266 (s) 633 12 0 860 0 0 3.388 2012 0 0 2 2 266 (s) 609 13 0 0 877 0 0 3.283 3.283 2013 0 0 2 2 353 (s) 609 13 0 0 877 0 0 3.283 3.283 3.283 3.283 3.280	2000	0	2	218	(s)	320	11		558	0			3,092			
2003 0 2 282 (s) 241 12 0 536 0 3,517 2006 0 2 384 (s) 246 12 4 644 0 0 3,632 3,632 2006 0 2 384 (s) 257 12 3 661 0 3,662 3,660 3,622 2006 0 2 2 384 (s) 257 12 12 (s) 617 0 0 3,632 2008 0 2 2 221 (s) 403 12 0 636 0 3,501 2008 0 2 2 221 (s) 403 12 0 636 0 3,550 2008 0 2 2 221 (s) 403 12 0 636 0 3,550 2009 0 2 2 272 (s) 540 12 0 825 0 3,550 1 2011 0 2 2 265 (s) 63 63 12 0 636 0 3,550 1 2011 0 0 2 2 265 (s) 63 63 12 0 636 0 3,355 2011 0 0 2 2 265 (s) 63 63 12 0 638 0 0 3,355 2011 0 0 2 2 265 (s) 63 63 12 0 638 12		•			(S) (S)	324	12			•						
2006 0 2 392 (s) 257 12 1 662 0 3,480 2,200 2007 0 0 2 2,282 (s) 223 12 (s) 517 0 0 3,520 2,000 0 0 2 2,000 0 0 2 2,000 0 0 2 2,000 0 0 2 2,000 0 0 2 2,000 0 0 0	2003	•	2	282	(s)	241	12	`ó	536	0			3,517			
2006 0 2 392 (s) 257 12 1 662 0 3,480 2,200 2007 0 0 2 2,282 (s) 223 12 (s) 517 0 0 3,520 2,000 0 0 2 2,000 0 0 2 2,000 0 0 2 2,000 0 0 2 2,000 0 0 2 2,000 0 0 0	2004			382	(S) (S)		12	3		•			3,632			
2009 0 2 2 272 (s) 540 12 0 825 0 3,388 2011 0 0 2 2 289 (s) R533 12 0 R939 0 3,385 2011 0 0 2 2 289 (s) R523 12 0 R939 0 3,385 2011 0 0 2 2 289 (s) R523 12 0 R939 0 3,385 2011 0 0 2 2 289 (s) R523 12 0 R939 0 R93	2006	•	2	392	(s)	257	12	, 1	662	0			3,490			
2009 0 2 2 272 (s) 540 12 0 825 0 3,388 2011 0 0 2 2 289 (s) R533 12 0 R939 0 3,385 2011 0 0 2 2 289 (s) R523 12 0 R939 0 3,385 2011 0 0 2 2 289 (s) R523 12 0 R939 0 3,385 2011 0 0 2 2 289 (s) R523 12 0 R939 0 R93	2007		2	282 221	(S) (S)	223 403	12 12	(s) 0		0			3,520 3.501			
2012 0 2 266 (s) 563 12 0 842 0 3,238 2014 0 2 323 (s) 616 12 0 951 0 3,271 2,271 2,271 2,271 2,271 2,271 2,271 2,271 2,271 2,271 2,271 2,	2009	0	2	272	(s)	540	12		825	Õ			3,388			
2012 0 2 266 (s) 563 12 0 842 0 3,238 2014 0 2 323 (s) 616 12 0 951 0 3,271 2,271 2,271 2,271 2,271 2,271 2,271 2,271 2,271 2,271 2,271 2,	2010 2011	0		265 299	(s) (s)	533 R 623	12 12		809 R 934	0			3,355 3,368			
1960 0.0 0.0 0.3 0.1 0.2 0.3 0.3 0.2 1.5 NA 0.0 NA 1.0 2.2 3.1 1.0	2012	•	2	266	(s)	563	12	Õ	842	Ŏ			3,238			
1960 0.0 0.0 0.3 0.1 0.2 0.3 0.3 0.3 1.1 NA 0.0 NA 1.0 2.2 3.1 1965 0.0 0.0 0.0 0.4 0.2 0.3 0.3 0.2 1.5 NA 0.0 NA 1.7 3.1 3.9 1970 0.0 0.0 0.0 1.0 0.5 1.3 0.7 0.2 3.7 NA 0.0 NA 2.6 6.3 6.2 1975 0.0 0.0 0.5 0.3 0.9 0.5 0.1 2.3 NA 0.0 NA 3.8 6.0 8.5 1980 0.0 0.1 7 2.3 0.0 1.2 0.3 0.2 4.0 NA 0.0 NA 3.8 6.0 8.5 1980 0.0 2.0 0.8 (s) 0.3 0.2 0.1 1.4 NA 0.0 NA 5.0 9.0 11.1 1985 0.0 2.0 0.8 (s) 0.4 0.3 5.2 8.5 0.0 0.0 NA 5.5 6.9 11.5 1995 0.0 2.3 2.0 (s) 0.4 0.3 5.2 8.5 0.0 0.0 0.0 0.7 1996 0.0 2.3 2.3 2.0 (s) 0.2 0.1 0.4 2.7 0.0 0.0 0.0 0.5 1987 0.0 1.8 2.3 (s) 0.6 0.1 0.1 1.7 0.0 0.0 0.0 0.0 9.6 11.4 1988 0.0 1.8 2.3 (s) 0.6 0.1 0.1 1.7 1.7 0.0 0.0 0.0 0.0 9.7 23.2 22.6 1998 0.0 1.8 2.3 (s) 0.6 0.1 10.7 13.6 0.0 0.0 0.0 0.7 23.2 22.6 1999 0.0 1.8 1.5 (s) 0.9 0.1 (s) 2.5 0.0 0.0 (s) 10.6 13.2 24.1 2001 0.0 1.8 0.8 (s) 1.2 0.1 (s) 2.5 0.0 0.0 0.0 (s) 10.6 13.2 24.1 2002 0.0 1.8 1.8 (s) 1.2 0.1 (s) 3.3 0.0 2.6 0.0 0.0 0.0 (s) 11.0 14.2 22.5 2004 0.0 1.8 1.8 (s) 1.2 0.1 (s) 3.3 0.0 0.0 0.0 0.0 0.0 0.0 1.8 1.8 1.8 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2008 0.0 1.8 1.8 1.6 (s) 0.9 0.1 (s) 3.3 0.0 0.0 2.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2009 0.0 1.8 1.5 0.6 0.9 0.1 0.0 0				255 323	(s)	609 616	13 12						3,271 3,202			
1970 0.0 0.0 1.0 0.5 1.3 0.7 0.2 3.7 NA 0.0 NA 2.6 6.3 6.2 1975 0.0 0.0 0.0 0.5 0.3 0.9 0.5 0.1 2.3 NA 0.0 NA 3.8 6.0 0.8 5.1980 0.0 1.7 2.3 0.0 1.2 0.3 0.2 4.0 NA 0.0 NA 5.0 9.0 11.1 1.5 1985 0.0 2.0 0.8 (s) 0.3 0.2 0.1 1.4 NA 0.0 NA 5.5 6.9 11.5 1990 0.0 2.4 2.6 (s) 0.4 0.3 5.2 8.5 0.0 0.0 0.0 NA 5.5 6.9 11.5 1990 0.0 2.3 2.0 (s) 0.2 0.1 0.4 2.7 0.0 0.0 0.0 0.0 7.7 16.2 21.0 1995 0.0 2.3 1.3 (s) 0.3 0.1 0.1 0.1 1.7 0.0 0.0 0.0 0.0 9.5 12.2 22.4 1996 0.0 2.3 1.3 (s) 0.6 0.1 0.1 1.7 0.0 0.0 0.0 0.0 9.6 11.4 22.7 1997 0.0 1.8 2.3 (s) 0.6 0.1 0.1 10.7 13.6 0.0 0.0 0.0 9.7 12.7 22.8 1998 0.0 1.8 1.5 (s) 0.9 0.1 (s) 2.5 0.0 0.0 0.0 0.0 9.7 23.2 22.6 1999 0.0 1.8 1.5 (s) 0.9 0.1 (s) 2.5 0.0 0.0 0.0 (s) 10.0 12.6 23.4 20.0 1.8 1.8 1.5 (s) 0.9 0.1 (s) 2.5 0.0 0.0 0.0 (s) 10.0 12.6 23.4 20.0 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8					(-)			•		•						
1970 0.0 0.0 1.0 0.5 1.3 0.7 0.2 3.7 NA 0.0 NA 2.6 6.3 6.2 1975 0.0 0.0 0.0 0.5 0.3 0.9 0.5 0.1 2.3 NA 0.0 NA 3.8 6.0 0.8 5 1980 0.0 1.7 2.3 0.0 1.2 0.3 0.2 4.0 NA 0.0 NA 5.0 9.0 11.1 1985 0.0 2.0 0.8 (s) 0.3 0.2 0.1 1.4 NA 0.0 NA 5.5 6.9 11.5 1990 0.0 2.4 2.6 (s) 0.4 0.3 5.2 8.5 0.0 0.0 0.0 NA 5.5 6.9 11.5 1990 0.0 2.3 1.3 (s) 0.2 0.1 0.4 2.7 0.0 0.0 0.0 0.0 9.5 12.2 22.4 1996 0.0 2.3 1.3 (s) 0.3 0.1 0.1 1.7 0.0 0.0 0.0 0.0 9.6 11.4 22.7 1997 0.0 1.8 2.3 (s) 0.6 0.1 0.1 1.7 0.0 0.0 0.0 0.0 9.6 11.4 22.7 1999 0.0 1.8 1.2 2 (s) 1.6 0.1 10.7 13.6 0.0 0.0 0.0 9.7 23.2 22.6 1999 0.0 1.8 1.5 (s) 0.9 0.1 (s) 2.5 0.0 0.0 0.0 (s) 10.0 12.6 23.4 20.0 1.8 1.5 (s) 0.9 0.1 (s) 2.5 0.0 0.0 0.0 (s) 10.0 12.6 23.4 20.0 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	1960	0.0	0.0	0.3	0.1	0.2	0.3	0.3	1.1	NA	0.0		1.0	2.2	3.1	5.3 7.0
1985 0.0 2.0 0.8 (s) 0.3 0.2 0.1 1.4 NA 0.0 NA 5.5 6.9 11.5 1990 0.0 2.4 2.6 (s) 0.4 0.3 5.2 8.5 0.0 0.0 0.0 0.0 7.7 16.2 21.0 1995 0.0 2.3 2.0 (s) 0.2 0.1 0.4 2.7 0.0 0.0 0.0 0.0 9.5 12.2 22.4 1996 0.0 2.3 1.3 (s) 0.3 0.1 0.1 1.7 0.0 0.0 0.0 0.0 9.5 12.2 22.4 1997 0.0 1.8 2.3 (s) 0.6 0.1 0.1 1.7 0.0 0.0 0.0 0.0 9.7 12.7 22.8 1998 0.0 1.8 1.2 (s) 1.6 0.1 10.7 13.6 0.0 0.0 0.0 9.7 23.2 22.6 1999 0.0 1.8 1.5 (s) 0.9 0.1 (s) 2.5 0.0 0.0 0.0 (s) 10.0 12.6 23.4 2000 0.0 1.9 1.3 (s) 1.2 0.1 0.1 0.1 2.6 0.0 0.0 0.0 (s) 10.0 12.6 23.4 2000 0.0 1.8 1.8 0.8 (s) 1.2 0.1 (s) 2.1 0.0 0.0 (s) 10.9 13.1 23.5 22.1 2000 0.0 1.8 1.8 1.8 (s) 1.2 0.1 (s) 2.1 0.0 0.0 (s) 10.9 13.1 23.5 20.2 20.0 0.0 1.8 1.8 1.6 (s) 0.9 0.1 (s) 3.1 0.0 0.0 (s) 11.0 14.2 25.1 20.0 0.0 1.8 1.8 1.6 (s) 0.9 0.1 (s) 3.1 0.0 0.0 (s) 11.0 14.2 25.1 20.0 0.0 1.8 1.8 1.6 (s) 0.9 0.1 (s) 3.1 0.0 0.0 0.0 (s) 11.0 14.2 25.1 20.0 0.0 1.8 1.8 1.6 (s) 0.9 0.1 (s) 3.3 0.0 2.5 (s) 12.0 14.7 R2.8 R2.0 R2.0 0.0 1.9 2.2 (s) 0.9 0.1 (s) 3.3 0.0 2.5 (s) 12.4 18.3 R33.0 R2.0 20.0 0.0 1.9 2.2 (s) 0.9 0.1 (s) 3.3 0.0 2.5 (s) 11.8 17.5 R2.4 R2.0 R2.0 0.0 0.0 1.9 2.3 (s) 1.0 0.1 (s) 3.3 0.0 2.5 (s) 11.9 18.0 R2.7 R2.4 R2.0 0.0 0.0 1.9 1.8 1.3 (s) 1.5 0.1 0.0 2.9 0.0 3.1 (s) 11.9 18.0 R2.7 R2.0 R2.0 0.0 1.8 1.3 (s) 1.5 0.1 0.0 2.9 0.0 3.1 (s) 11.9 18.0 R2.7 R2.0 R2.0 0.0 1.8 1.3 (s) 1.5 (s) 2.1 0.1 0.0 2.9 0.0 3.1 (s) 11.9 18.0 R2.7 R2.0 R2.0 0.0 1.8 1.8 1.8 (s) 2.1 0.1 0.0 2.9 0.0 3.1 (s) 11.9 18.0 R2.7 R2.0 R2.0 0.0 1.8 1.5 (s) 2.1 0.1 0.0 2.9 0.0 3.1 (s) 11.9 18.0 R2.7 R2.0 R2.0 0.0 1.8 1.5 (s) 2.1 0.1 0.0 3.7 0.0 3.0 (s) 11.4 18.1 21.6 21.9 R2.0 1.9	1965		0.0	0.4			0.3	0.2	1.5	NA NA			1.7	3.1	3.9	7.0
1985 0.0 2.0 0.8 (s) 0.3 0.2 0.1 1.4 NA 0.0 NA 5.5 6.9 11.5 1990 0.0 2.4 2.6 (s) 0.4 0.3 5.2 8.5 0.0 0.0 0.0 0.0 7.7 16.2 21.0 1995 0.0 2.3 2.0 (s) 0.2 0.1 0.4 2.7 0.0 0.0 0.0 0.0 9.5 12.2 22.4 1996 0.0 2.3 1.3 (s) 0.3 0.1 0.1 1.7 0.0 0.0 0.0 0.0 9.5 12.2 22.4 1997 0.0 1.8 2.3 (s) 0.6 0.1 0.1 1.7 0.0 0.0 0.0 0.0 9.7 12.7 22.8 1998 0.0 1.8 1.2 (s) 1.6 0.1 10.7 13.6 0.0 0.0 0.0 9.7 23.2 22.6 1999 0.0 1.8 1.5 (s) 0.9 0.1 (s) 2.5 0.0 0.0 0.0 (s) 10.0 12.6 23.4 2000 0.0 1.9 1.3 (s) 1.2 0.1 0.1 0.1 2.6 0.0 0.0 0.0 (s) 10.0 12.6 23.4 2000 0.0 1.8 1.8 0.8 (s) 1.2 0.1 (s) 2.1 0.0 0.0 (s) 10.9 13.1 23.5 22.1 2000 0.0 1.8 1.8 1.8 (s) 1.2 0.1 (s) 2.1 0.0 0.0 (s) 10.9 13.1 23.5 20.2 20.0 0.0 1.8 1.8 1.6 (s) 0.9 0.1 (s) 3.1 0.0 0.0 (s) 11.0 14.2 25.1 20.0 0.0 1.8 1.8 1.6 (s) 0.9 0.1 (s) 3.1 0.0 0.0 (s) 11.0 14.2 25.1 20.0 0.0 1.8 1.8 1.6 (s) 0.9 0.1 (s) 3.1 0.0 0.0 0.0 (s) 11.0 14.2 25.1 20.0 0.0 1.8 1.8 1.6 (s) 0.9 0.1 (s) 3.3 0.0 2.5 (s) 12.0 14.7 R2.8 R2.0 R2.0 0.0 1.9 2.2 (s) 0.9 0.1 (s) 3.3 0.0 2.5 (s) 12.4 18.3 R33.0 R2.0 20.0 0.0 1.9 2.2 (s) 0.9 0.1 (s) 3.3 0.0 2.5 (s) 11.8 17.5 R2.4 R2.0 R2.0 0.0 0.0 1.9 2.3 (s) 1.0 0.1 (s) 3.3 0.0 2.5 (s) 11.9 18.0 R2.7 R2.4 R2.0 0.0 0.0 1.9 1.8 1.3 (s) 1.5 0.1 0.0 2.9 0.0 3.1 (s) 11.9 18.0 R2.7 R2.0 R2.0 0.0 1.8 1.3 (s) 1.5 0.1 0.0 2.9 0.0 3.1 (s) 11.9 18.0 R2.7 R2.0 R2.0 0.0 1.8 1.3 (s) 1.5 (s) 2.1 0.1 0.0 2.9 0.0 3.1 (s) 11.9 18.0 R2.7 R2.0 R2.0 0.0 1.8 1.8 1.8 (s) 2.1 0.1 0.0 2.9 0.0 3.1 (s) 11.9 18.0 R2.7 R2.0 R2.0 0.0 1.8 1.5 (s) 2.1 0.1 0.0 2.9 0.0 3.1 (s) 11.9 18.0 R2.7 R2.0 R2.0 0.0 1.8 1.5 (s) 2.1 0.1 0.0 3.7 0.0 3.0 (s) 11.4 18.1 21.6 21.9 R2.0 1.9	1975	0.0	0.0	0.5	0.3	0.9	0.5	0.1	2.3	NA	0.0	NA	3.8	6.0	8.5	12.5 14.5
1990 0.0 2.4 2.6 (s) 0.4 0.3 5.2 8.5 0.0 0.0 0.0 7.7 16.2 21.0 1995 0.0 2.3 2.0 (s) 0.2 0.1 0.4 2.7 0.0 0.0 0.0 0.0 9.5 12.2 22.4 1996 0.0 2.3 1.3 (s) 0.3 0.1 0.1 1.7 0.0 0.0 0.0 0.0 9.6 11.4 22.7 1997 0.0 1.8 2.3 (s) 0.6 0.1 0.1 1.7 1.7 0.0 0.0 0.0 0.0 9.6 11.4 22.7 1997 0.0 1.8 2.3 (s) 0.6 0.1 0.1 10.7 13.6 0.0 0.0 0.0 0.0 9.7 23.2 22.6 1999 0.0 1.8 1.5 (s) 0.9 0.1 (s) 2.5 0.0 0.0 0.0 0.0 9.7 23.2 22.6 22.6 1999 0.0 1.8 1.5 (s) 0.9 0.1 (s) 2.5 0.0 0.0 0.0 (s) 10.0 12.6 23.4 20.0 0.0 1.8 1.8 0.8 (s) 1.2 0.1 0.1 0.1 2.6 0.0 0.0 (s) 10.9 13.1 23.5 20.0 10.0 1.8 1.8 1.8 (s) 1.2 0.1 (s) 2.1 0.0 0.0 (s) 10.9 13.1 23.5 20.0 20.0 1.8 1.8 1.8 (s) 1.2 0.1 (s) 2.1 0.0 0.0 (s) 11.0 14.2 25.1 20.0 1.8 1.8 1.8 (s) 1.2 0.1 (s) 3.1 0.0 0.0 (s) 11.0 14.2 25.1 20.0 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8			1.7			1.2	0.3		4.0							20.1 18.4
1996 0.0 2.3 1.3 (s) 0.3 0.1 0.1 1.7 0.0 0.0 0.0 9.6 11.4 22.7 1997 0.0 1.8 2.3 (s) 0.6 0.1 0.1 0.1 3.0 0.0 0.0 0.0 9.7 12.7 22.8 1998 0.0 1.8 1.2 (s) 1.6 0.1 10.7 13.6 0.0 0.0 0.0 0.0 9.7 23.2 22.6 1999 0.0 1.8 1.5 (s) 0.9 0.1 (s) 2.5 0.0 0.0 (s) 10.0 12.6 23.4 2001 0.0 1.9 1.3 (s) 1.2 0.1 0.1 2.6 0.0 0.0 0.0 (s) 10.6 13.2 24.1 2001 0.0 1.8 1.8 1.8 (s) 1.2 0.1 (s) 2.1 0.0 0.0 (s) 10.9 13.1 23.5 2002 0.0 1.8 1.8 1.8 (s) 1.2 0.1 (s) 3.1 0.0 0.0 (s) 11.0 14.2 25.1 2003 0.0 1.8 1.8 1.6 (s) 0.9 0.1 (s) 3.1 0.0 0.0 (s) 11.0 14.2 25.1 2004 0.0 1.9 2.2 (s) 0.9 0.1 (s) 3.3 0.0 2.5 (s) 12.0 14.7 R22.8 R2004 0.0 1.9 2.2 (s) 1.0 0.1 (s) 3.3 0.0 2.5 (s) 12.4 18.3 R23.0 R2006 0.0 1.9 2.2 (s) 1.0 0.1 (s) 3.3 0.0 2.5 (s) 11.8 17.5 R22.4 R2006 0.0 1.9 2.3 (s) 1.0 0.1 (s) 3.3 0.0 2.5 (s) 11.9 18.0 R22.7 R2006 0.0 1.9 1.9 2.3 (s) 1.0 0.1 (s) 3.3 0.0 2.6 (s) 11.9 18.0 R22.7 R2007 0.0 1.9 1.6 (s) 2.3 (s) 1.0 0.1 (s) 2.6 0.0 2.9 0.0 3.1 (s) 11.9 18.0 R22.7 R2009 0.0 1.8 1.6 (s) 2.1 0.1 0.0 2.9 0.0 3.1 (s) 11.0 18.0 R22.7 R2009 0.0 1.8 1.6 (s) 2.1 0.1 0.0 3.6 0.0 2.9 (s) 11.4 18.1 21.6 2009 0.0 1.8 1.5 (s) 2.0 0.1 0.0 8.2 0.0 8.2 0.0 2.8 (s) 11.5 R18.6 21.0 1.0 0.0 8.2 0.0 8.2 0.0 1.8 1.5 (s) 2.0 0.1 0.0 8.2 0.0 8.2 0.0 2.8 (s) 11.5 R18.6 21.0 R2010 0.0 1.9 1.9 1.7 (s) 8.2 0.0 0.1 0.0 8.4 0.0 2.9 (s) 11.4 18.1 21.6 21.0 2009 0.0 1.8 1.5 (s) 2.0 0.1 0.0 8.4 0.0 2.8 (s) 11.5 R18.6 21.9 R2010 0.0 1.9 1.9 1.7 (s) 8.2 0.0 0.1 0.0 8.4 0.0 2.8 (s) 11.5 R18.6 21.9 R2010 0.0 1.9 1.7 (s) 8.2 0.0 0.1 0.0 8.2 0.0 2.8 (s) 11.5 R18.6 21.9 R2010 0.0 1.9 1.9 1.7 (s) 8.2 0.0 0.1 0.0 8.2 0.0 2.8 (s) 11.5 R18.6 21.0 0.0 1.9 1.9 1.7 (s) 8.2 0.0 0.0 1.9 1.9 1.7 (s) 8.2 0.0 0.1 0.0 2.8 (s) 11.5 R18.6 21.0 1.0 0.0 1.9 1.9 1.7 (s) 8.2 0.0 0.1 0.0 2.8 (s) 11.5 R18.6 21.0 1.0 0.0 1.9 1.9 1.7 (s) 8.2 0.0 0.1 0.0 2.8 (s) 11.5 R18.6 21.0 1.0 0.0 1.9 1.9 1.7 (s) 8.2 0.0 0.1 0.0 2.8 (s) 11.5 R18.6 21.0 1.0 0.0 2.8 (s) 11.5 R18.6 21.0 1.0 0.0 2.8 (s) 11.5 R18.6 21.0 0.0 2.8 (s) 11.5 R18.6 21.0 0.0 2.0 2.8 (s) 11.5 R18.6 21.0 0.0 2.0 2.8 (s) 11.5 R18.6 21.0 0.0 2.0	1990	0.0	2.4	2.6	(s)	0.4	0.2	5.2	8.5	0.0	0.0		7.7	16.2	21.0	37.2
1997 0.0 1.8 2.3 (s) 0.6 0.1 0.1 3.0 0.0 0.0 0.0 9.7 12.7 22.8 1998 0.0 1.8 1.2 (s) 1.6 0.1 10.7 13.6 0.0 0.0 0.0 0.0 9.7 23.2 22.6 1999 0.0 1.8 1.5 (s) 0.9 0.1 (s) 2.5 0.0 0.0 0.0 (s) 10.0 12.6 23.4 2000 0.0 1.9 1.3 (s) 1.2 0.1 0.1 2.6 0.0 0.0 (s) 10.0 13.2 24.1 2010 0.0 1.8 1.8 1.8 (s) 1.2 0.1 (s) 2.1 0.0 0.0 (s) 10.9 13.1 23.5 202 0.0 1.8 1.8 1.8 (s) 1.2 0.1 (s) 2.1 0.0 0.0 (s) 10.9 13.1 23.5 202 0.0 1.8 1.8 1.8 (s) 1.2 0.1 (s) 3.1 0.0 0.0 (s) 11.0 14.2 25.1 202 0.0 1.8 1.8 1.6 (s) 0.9 0.1 0.0 2.6 0.0 0.0 (s) 11.0 14.2 25.1 202 0.0 1.9 2.2 (s) 0.9 0.1 (s) 3.3 0.0 2.5 (s) 12.4 18.3 P.22.8 P.2004 0.0 1.9 2.2 (s) 0.9 0.1 (s) 3.3 0.0 2.5 (s) 12.4 18.3 P.23.0 P.2005 0.0 1.9 2.2 (s) 1.0 0.1 (s) 3.3 0.0 2.5 (s) 11.8 17.5 P.22.4 P.2006 0.0 1.9 1.9 2.3 (s) 1.0 0.1 (s) 3.3 0.0 2.3 (s) 11.8 17.5 P.22.4 P.2007 0.0 1.9 1.9 1.6 (s) 0.9 0.1 (s) 3.3 0.0 2.6 (s) 11.9 18.0 P.22.7 P.2007 0.0 1.9 1.9 1.6 (s) 0.9 0.1 (s) 2.6 0.0 0.0 2.9 (s) 11.9 18.0 P.22.7 P.2009 0.0 1.8 1.6 (s) 2.1 0.1 0.0 2.9 0.0 3.1 (s) 11.9 18.0 P.22.7 P.2009 0.0 1.8 1.6 (s) 2.1 0.1 0.0 3.6 0.0 2.9 (s) 11.4 18.1 21.6 21.0 P.2010 0.0 1.8 1.5 (s) 2.0 0.1 0.0 8.2 (s) 11.5 P.20 P.2010 0.0 1.8 1.5 (s) 2.0 0.1 0.0 8.4 (s) 11.5 P.20 P.2010 0.0 1.9 1.7 (s) P.2010 0.0 1.9 1.7 (s) P.2010 0.0 1.8 1.6 (s) 2.1 0.1 0.0 3.6 0.0 2.9 (s) 11.4 18.1 21.6 21.0 P.2010 0.0 1.9 1.9 1.7 (s) P.2010 0.0 1.9 1.9 1.0 1.0 1	1995		2.3	2.0	(s)	0.2		0.4		0.0	0.0	0.0	9.5	12.2	22.4	34.6 34.0
1999 0.0 1.8 1.5 (s) 0.9 0.1 (s) 2.5 0.0 0.0 (s) 10.0 12.6 23.4 2000 0.0 1.9 1.3 (s) 1.2 0.1 0.1 2.6 0.0 0.0 0.0 (s) 10.6 13.2 24.1 2001 0.0 1.8 0.8 (s) 1.2 0.1 (s) 2.1 0.0 0.0 0.0 (s) 10.9 13.1 23.5 2002 0.0 1.8 1.8 1.8 (s) 1.2 0.1 (s) 3.1 0.0 0.0 (s) 11.0 14.2 25.1 2003 0.0 1.8 1.8 1.6 (s) 0.9 0.1 (s) 3.1 0.0 0.0 (s) 11.0 14.2 25.1 2004 0.0 1.9 2.2 (s) 0.9 0.1 (s) 3.3 0.0 2.5 (s) 12.0 14.7 R22.8 R2004 0.0 1.9 2.2 (s) 0.9 0.1 (s) 3.3 0.0 2.5 (s) 12.4 18.3 R23.0 R2005 0.0 1.9 2.2 (s) 1.0 0.1 (s) 3.3 0.0 2.5 (s) 11.8 17.5 R22.4 R2006 0.0 1.9 2.3 (s) 1.0 0.1 (s) 3.3 0.0 2.6 (s) 11.9 18.0 R22.7 R2007 0.0 1.9 1.6 (s) 0.9 0.1 (s) 3.3 0.0 2.6 (s) 11.9 18.0 R22.7 R2008 0.0 1.8 1.3 (s) 1.5 0.1 0.0 2.9 0.0 3.1 (s) 11.9 18.0 R22.7 R2009 0.0 1.8 1.6 (s) 2.1 0.1 0.0 3.7 0.0 3.0 (s) 11.6 18.4 R22.0 R2009 0.0 1.8 1.6 (s) 2.1 0.1 0.0 3.7 0.0 3.0 (s) 11.6 18.4 R22.0 R2010 0.0 1.8 1.5 (s) 2.0 0.1 0.0 3.6 0.0 2.9 (s) 11.4 18.1 21.6 20.0 R2010 0.0 1.9 1.7 (s) R24 0.1 0.0 R22.7 R2010 0.0 1.9 1.7 (s) R24 0.1 0.0 R22.7 R2010 0.0 1.8 1.5 (s) R24 0.1 0.0 R22.7 R2010 0.0 R2010 0.0 1.8 1.6 (s) 2.0 0.1 0.0 3.6 0.0 2.9 (s) 11.4 18.1 21.6 21.6 22.7 R2010 0.0 1.8 1.5 (s) R24 0.1 0.0 R22.7 R2010 0.0 R2010 0.	1997	0.0	1.8	2.3	(s)	0.6		0.1	3.0	0.0	0.0		9.7	12.7	22.8	35.5
2000 0.0 1.9 1.3 (s) 1.2 0.1 0.1 2.6 0.0 0.0 (s) 10.6 13.2 24.1 20.1 0.0 0.0 1.8 0.8 (s) 1.2 0.1 (s) 2.1 0.0 0.0 (s) 10.9 13.1 22.5 20.2 0.0 1.8 1.8 1.8 (s) 1.2 0.1 (s) 3.1 0.0 0.0 (s) 11.0 14.2 25.1 20.0 0.0 1.8 1.8 1.6 (s) 0.9 0.1 0.0 2.6 0.0 0.0 (s) 11.0 14.7 F22.8 F20.4 0.0 1.9 2.2 (s) 0.9 0.1 (s) 3.3 0.0 2.5 (s) 12.4 18.3 F23.0 F20.0 0.0 1.9 2.2 (s) 1.0 0.1 (s) 3.3 0.0 2.5 (s) 12.4 18.3 F23.0 F20.0 0.0 1.9 2.2 (s) 1.0 0.1 (s) 3.3 0.0 2.5 (s) 11.8 17.5 F22.4 F20.0 0.0 1.9 1.9 1.6 (s) 1.0 0.1 (s) 3.3 0.0 2.3 (s) 11.8 17.5 F22.4 F20.0 0.0 1.9 1.9 1.6 (s) 0.9 0.1 (s) 2.6 0.0 2.4 (s) 11.9 18.0 F22.7 F20.0 0.0 1.9 1.8 1.3 (s) 1.5 0.1 0.0 2.9 0.0 3.1 (s) 11.9 18.0 F22.7 F20.0 0.0 1.8 1.3 (s) 1.5 0.1 0.0 2.9 0.0 3.1 (s) 11.6 18.4 F22.0 F20.0 0.0 1.8 1.5 (s) 2.0 0.1 0.0 3.6 0.0 2.9 (s) 11.4 18.1 21.6 21.0 F20.0 0.0 1.9 1.7 (s) F24.0 0.0 F42.0 0.0 2.8 (s) 11.5 F18.6 21.9 F24.0 0.0 1.9 1.9 1.7 (s) F24.0 0.0 F42.0 0.0 2.8 (s) 11.5 F18.6 21.9 F24.0 0.0 0.0 1.9 1.9 1.7 (s) F18.6 (s) 11.9 F18.6 (s) F18.6 (s) F18.6 (s) F19.0 F1	1998	0.0	1.8	1.2	(s)	1.6			13.6	0.0			9.7	23.2	22.6	45.9
2001 0.0 1.8 0.8 (s) 1.2 0.1 (s) 2.1 0.0 0.0 (s) 10.9 13.1 23.5 (2002 0.0 1.8 1.8 1.8 (s) 1.2 0.1 (s) 3.1 0.0 0.0 (s) 11.0 14.2 25.1 (2003 0.0 1.8 1.6 (s) 0.9 0.1 0.0 2.6 0.0 0.0 (s) 12.0 14.7 R22.8 R2004 0.0 1.9 2.2 (s) 0.9 0.1 (s) 3.3 0.0 2.5 (s) 12.4 18.3 R23.0 R2005 0.0 1.9 2.2 (s) 1.0 0.1 (s) 3.3 0.0 2.5 (s) 12.4 18.3 R23.0 R2006 0.0 1.9 2.2 (s) 1.0 0.1 (s) 3.3 0.0 2.5 (s) 11.8 17.5 R22.4 R2006 0.0 1.9 2.3 (s) 1.0 0.1 (s) 3.3 0.0 2.6 (s) 11.9 18.0 R22.7 R2007 0.0 1.9 1.6 (s) 0.9 0.1 (s) 2.6 0.0 2.4 (s) 12.0 17.0 R23.1 R2008 0.0 1.8 1.3 (s) 1.5 0.1 0.0 2.9 0.0 3.1 (s) 11.9 18.0 R22.7 R2009 0.0 1.8 1.6 (s) 2.1 0.1 0.0 2.9 0.0 3.1 (s) 11.9 18.0 R22.7 R2009 0.0 1.8 1.6 (s) 2.1 0.1 0.0 3.7 0.0 3.0 (s) 11.6 18.4 R22.0 R2009 0.0 1.8 1.5 (s) 2.0 0.1 0.0 3.6 0.0 2.9 (s) 11.4 18.1 21.6 21.0 R2011 0.0 1.9 1.7 (s) R24 0.1 0.0 R42 0.0 2.8 (s) 11.5 R18.6 21.9 R2011 0.0 0.0 1.9 1.7 (s) R24 0.0 2.8 (s) 11.5 R18.6 21.9 R2011 0.0 0.0 1.9 1.7 (s) R24 0.0 2.8 (s) 11.5 R18.6 21.9 R2011 0.0 0.0 1.9 1.7 (s) R24 0.0 2.8 (s) 11.5 R18.6 21.9 R2011 0.0 0.0 1.9 1.9 1.7 (s) R24 0.0 2.8 (s) 11.5 R18.6 21.9 R2011 0.0 2.9 (s) 11.5 R18.6			1.8		(S) (S)			(S) 0.1	2.5							36.0 37.3
2003 0.0 1.8 1.6 (s) 0.9 0.1 0.0 2.6 0.0 0.0 (s) 12.0 14.7 122.8 n 1 2004 0.0 1.9 2.2 (s) 0.9 0.1 (s) 3.3 0.0 2.5 (s) 12.4 18.3 12.5 12.0 2005 0.0 1.9 2.2 (s) 1.0 0.1 (s) 3.3 0.0 2.5 (s) 11.8 17.5 122.4 18.3 17.5 122.4 18.3 17.5 122.4 18.3 17.5 122.4 18.3 17.5 122.4 18.3 17.5 122.4 18.3 17.5 122.4 18.3 17.5 122.4 18.3 17.5 122.4 18.3 17.5 122.4 18.3 17.5 122.4 18.3 17.5 122.4 18.3 17.5 122.4 18.3 17.5 122.4 18.3 17.5 122.4 18.3 17.5 122.4 18.3 17.5 122.4 18.3 17.5 122.4 18.3 18.3 18.3 18.3 18.3 18.3 18.3 18.3	2001	0.0	1.8	0.8	(s)	1.2	0.1	(s)	2.1	0.0	0.0	(s)	10.9	13.1	23.5	36.6
2005 0.0 1.9 2.2 (s) 1.0 0.1 (s) 3.3 0.0 2.3 (s) 11.8 17.5 22.4 7 2006 0.0 1.9 2.3 (s) 1.0 0.1 (s) 3.3 0.0 2.6 (s) 11.9 18.0 82.7 8 2007 0.0 1.9 1.6 (s) 0.9 0.1 (s) 2.6 0.0 2.4 (s) 12.0 17.0 823.1 8 2008 0.0 1.8 1.3 (s) 1.5 0.1 0.0 2.9 0.0 3.1 (s) 11.9 18.0 822.7 8 2009 0.0 1.8 1.6 (s) 2.1 0.1 0.0 3.7 0.0 3.0 (s) 11.6 18.4 822.0 8 2010 0.0 1.8 1.5 (s) 2.0 0.1 0.0 3.6 0.0 2.9 (s) 11.6 18.4 822.0 8 2010 0.0 1.8 1.5 (s) 8.2 0 0.1 0.0 3.6 0.0 2.9 (s) 11.4 18.1 21.6 21.0 1 0.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.	2002				(S)	1.2		(s)	3.1 2.6						25.1 R 22.8	39.3 R 37.5
2006 0.0 1.9 2.3 (s) 1.0 0.1 (s) 3.3 0.0 2.6 (s) 11.9 18.0 H22.7 H 2007 0.0 1.9 1.6 (s) 0.9 0.1 (s) 2.6 0.0 2.4 (s) 12.0 17.0 H23.1 H 2008 0.0 1.8 1.3 (s) 1.5 0.1 0.0 2.9 0.0 3.1 (s) 11.9 18.0 H22.7 H 2009 0.0 1.8 1.6 (s) 2.1 0.1 0.0 3.7 0.0 3.0 (s) 11.6 18.4 H22.0 H 2010 0.0 1.8 1.5 (s) 2.0 0.1 0.0 3.6 0.0 2.9 (s) 11.6 18.4 H22.0 H 2011 0.0 1.9 1.7 (s) H24 0.1 0.0 H42 0.0 2.8 (s) 11.5 H18.6 21.6	2004	0.0	1.9	2.2	(s)	0.9	0.1	(s)	3.3	0.0	2.5	(s)	12.4	18.3	R 23.0	H /11 2
2007 0.0 1.9 1.6 (s) 0.9 0.1 (s) 2.6 0.0 2.4 (s) 12.0 17.0 123.1 1 2008 0.0 1.8 1.3 (s) 1.5 0.1 0.0 2.9 0.0 3.1 (s) 11.9 18.0 12.0 17.0 12.0 17.0 12.0 17.0 12.0 17.0 12.0 17.0 12.0 17.0 12.0 17.0 12.0 17.0 12.0 17.0 12.0 17.0 12.0 17.0 12.0 17.0 12.0 17.0 12.0 17.0 12.0 17.0 12.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17	2005		1.9	2.2	(s)				3.3		2.3				n 22.4	R 39.9 R 40.6
2009 0.0 1.8 1.6 (s) 2.1 0.1 0.0 3.7 0.0 3.0 (s) 11.6 18.4 H22.0 H 2010 0.0 1.8 1.5 (s) 2.0 0.1 0.0 3.6 0.0 2.9 (s) 11.4 18.1 21.6 2011 0.0 1.9 1.7 (s) R2.4 0.1 0.0 R4.2 0.0 2.8 (s) 11.5 R18.6 21.9 R	2007	0.0	1.9	1.6	(s)	0.9	0.1	(s)	2.6	0.0	2.4	(s)	12.0	17.0	R 23.1	H 40 2
2010 0.0 1.8 1.5 (s) 2.0 0.1 0.0 3.6 0.0 2.9 (s) 11.4 18.1 21.6 2011 0.0 1.9 1.7 (s) 8.24 0.1 0.0 842 0.0 2.8 (s) 11.5 81.86 21.9 8			1.8		(s)	1.5		0.0	2.9	0.0	3.1				H 22.7	R 40.7 R 40.4
2011 00 19 17 (s) R24 01 00 R42 00 28 (s) 115 R186 219 R	2010	0.0	1.8	1.5	(s)	2.0	0.1	0.0	3.6	0.0	2.9	(s)	11.4	18.1	21.6	39.7
ZUIZ U.U [1.9 1.0 (S) Z.Z U.1 U.U 0.0 0.0 U.U Z.Z (S) 11.U 17.2 20.8	2011		1.9	1.7	(s)	R 2.4				0.0				^R 18.6		R 40.5
2013 0.0 R 1.8 1.5 (s) 2.3 0.1 0.0 3.9 0.0 3.2 (s) 11.2 18.4 20.6	2013	0.0	1.9 R 1.8	1.5 1.5	(s) (s)	2.2 2.3		0.0	3.9	0.0	3.2	(s)	11.2	18.4	20.6	37.9 39.0
2014 0.0 1.8 1.9 (s) 2.4 0.1 0.0 4.3 0.0 3.3 (s) 10.9 18.6 20.2			1.8	1.9	(s)	2.4					3.3	(s)	10.9			38.8

^a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

b Liquefied petroleum gases, includes ethane and olefins.

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

d Includes small amounts of petroleum coke not shown separately. ^e Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be

separately identified.

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

Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
 Distributed solar thermal and photovoltaic energy consumed in the commercial sector is included in residential consumption. For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 2008, includes small amounts of solar and wind energy consumed by commercial plants with capacity of 1 megawatt or greater. Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which

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 commercial sector includes commercial combined-heat-and-power (CHP) and commercial electricity-only plants. • 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

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

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

Table CT6. Industrial Sector Energy Consumption Estimates, Selected Years, 1960-2014, Hawaii

					Petro	leum				Bio	mass					
	Coal	Natural Gas ^a	Distillate Fuel Oil	LPG b	Motor Gasoline ^c	Residual Fuel Oil	Other d	Total	Hydro- electric Power ^{e,f}		Losses		Retail Electricity Sales		Electrical System	
Year	Thousand Short Tons	Billion Cubic Feet			Thousan	d Barrels			Million kWh	Wood and Waste ^{f,g}	and Co- products h	Geo- thermal ^f	Million kWh	Net Energy ^{f,i}	Energy Losses	Total ^{f,i}
1960	0	0	554	43	83	1,038	649	2,367	0							
1965 1970	0	0	635 701	82 386	76 49	1,712 1,671	992 1,066	3,497 3,874	83 86				1,096 1,720			
1975	Ö	Ö	603	472	53	1,346	1,174	3,648	71			==	2,538			
1980	0		1,369 458	1,041 9	49	1,491	1,186	5,135	67 67				3,028			
1985 1990	46 28		725	15	104 133	1,344 1,740	1,083 2,617	2,997 5,231	57 57				3,143 3,734			
1995	192	0	548	1,207	245	1,024	2,618	5,643	64				3,803			
1996 1997	169 166	0 (s)	475 623	1,191	259 242	957 845	2,998 2,956	5,880 4,672	65 67			==	3,884 3,856			
1998	146		584	181	266	305	2,428	3,765	75	==		==	3,787			
1999	117	(s)	427	(s) 49	155	332	2,464	3,380	70				3,748			
2000 2001	110 113		473 473	49 61	160 122	438 8	2,566 2,849	3,685 3,513	60 50				3,834 3,790			
2002	50	(e)	459	247	145	446	2,481	3,779	60				3,770			
2003 2004	52 53 59	(s) (s)	439 407	94 67	137 169	364 395	2,699 2,667	3,733 3,704	50 37				3,846 3,937			
2004	59	(s)	512	14	133	781	2,859	4,298	34			==	3,912			
2006	59	(s)	456	41	141	811	2,743	4,194	38							
2007 2008	72 99	1 (s)	451 347	58 5	244 247	428 434	2,663 2,335	3,844 3,367	38 39				3,864 3,804			
2009	88	(s)	404	32	234	466	R 2.995	R ⊿ 131	35				3,683			
2010 2011	61 58	(s)	326 342	50 R 33	143 147	451 454	R 3,229 R 3,234	F 4 198	42 49				3,672 3,665			
2012	50	(s) (s)	376	1	140	326	R 3 0// 5	R 4,210 R 3,888	59 59			==	3,662			
2013	61	(s)	325	1	R 138	283	R 3.210	H 3,957	44				3,623			
2014	61	(s)	392	1	174	257	2,982	3,806	52 Ilion Btu				3,690			
1960 1965	0.0 0.0	0.0 0.0	3.2 3.7	0.2 0.3	0.4 0.4	6.5 10.8	3.9 6.1	14.3 21.3	0.0 0.9	0.0 0.2	NA NA	NA NA		15.8 26.1	4.8 8.6	20.6 34.7
1970	0.0	0.0	4.1	1.4	0.3	10.5	6.6	22.9	0.9	0.2	NA	NA	5.9	29.9	13.8	43.7
1975 1980	0.0 0.0		3.5 8.0	1.7 3.8	0.3 0.3	8.5 9.4	7.3 7.3	21.3 28.7	0.7 0.7	0.3 11.9	NA NA	NA NA		31.0 51.6	19.4 23.0	50.4 74.7
1985	1.1	0.0	2.7	3.8 (s)	0.5	9.4 8.4	6.8	18.5	0.7	14.0	0.0	NA NA		45.0	22.3	67.3
1990	0.7	0.0	4.2	(s) 0.1	0.7	10.9	16.0	31.9	0.6	18.2	0.0	(s)	12.7	64.1	34.9	98.9
1995 1996	4.1 3.6	0.0 0.0	3.2 2.8	4.3 4.2	1.3 1.3	6.4 6.0	16.1 18.3	31.3 32.6	0.7 0.7	13.3 14.1	0.0 0.0		13.0 13.3	62.3 64.3	30.7 31.2	93.0 95.6
1997	3.7	0.4	3.6	(s) 0.6	1.3	5.3	18.0	28.2	0.7	11.8	0.0	(s)	13.2	57.6	31.0	88.7
1998	3.4	0.4	3.4		1.4	1.9	14.9	22.2	0.8	11.1	0.0	(s)	12.9	50.4	30.3	80.7
1999 2000	2.7 2.1	0.5 0.6	2.5 2.8	(s) 0.2	0.8 0.8	2.1 2.8	15.1 15.9	20.5 22.4	0.7 0.6	11.6 9.9	0.0 0.0	(s)	12.8 13.1	48.2 48.1	29.8 29.8	78.0 78.0
2001	2.0	0.6	2.8	0.2	0.6	0.1	17.3	21.0	0.5	5.1	0.0		12.9	41.6	27.8	69.5
2002 2003	0.7 1.4	0.5 0.5	2.7 2.6	0.9 0.3	0.8 0.7	2.8 2.3	15.0 16.3	22.1 22.2	0.6 0.5	5.1 R 6.7	0.0	(s)	12.9 13.1	41.3 R 43.9	29.4 R 24.9	70.8 B 60.0
2003	1.3		2.4	0.3	0.7	2.5	16.2	22.2	0.5	R68	0.0	(s) (s)	13.4	R 44.0	H 24 9	R 68.8 R 68.9
2005	1.4	0.5	3.0	(s)	0.7	4.9	17.4	26.0	0.3	R 5.9 R 5.8	0.0	(s)	13.3	R 47 1	Rasa	H 72 /
2006 2007	1.6 1.8		2.6 2.6	0.1 0.2	0.7 1.3	5.1 2.7	16.5 16.1	25.2 22.8	0.4 0.4	R 5.8	0.0 0.0	(s) (s)	13.3 13.2	R 46.3 R 43.7	R 25.3 R 25.4	R 71.6 R 69.0
2008	2.3	0.4	2.0	(s) 0.1	1.3	2.7	1/ 1	20.1 B 25.1	0.4	H54	0.0	(s)	13.0	H 41.2	R 24.7	H 65.8
2009	2.0	0.4	2.3		1.2	2.9	R 18.5 R 19.9	R 25.1 R 25.5	0.3	R 5.2	0.0	(s)	12.6	R 45.2 R 44.3	R 23.9	R 69.1 R 68.0
2010 2011	1.4 1.3	0.4 0.4	1.9 2.0	0.2 R 0.1	0.7 0.7	2.8 2.9	H 10 0	R 25.6	0.4 0.5	4.4 3.7	0.0 0.0	(s) (s)	12.5 12.5	H 43.6	23.6 23.9	H 67.4
2012	1.1	0.4	2.2	(s)	0.7	2.9 2.1	H 18 6	R 23.6	0.6	3.8	0.0	(s)	12.5	R 41.5	23.5	R 65.1
2013 2014	1.4 1.4	0.4 0.4	1.9 2.3	(s) (s)	0.7 0.9	1.8 1.6	R 19.8 18.4	R 24.2 23.2	0.4 0.5	4.0 3.4	0.0 0.0	(s) (s)	12.4 12.6	R 42.4 41.1	22.8 23.3	R 65.2 64.4
	1.4	0.4	2.0	(3)	5.5	1.0	10.4	20.2	0.0	5.4	0.0	(9)	12.0	71.1	20.0	5-7. -

a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

plants with capacity of 1 megawatt or greater. 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,

b Liquefied petroleum gases, includes ethane and olefins.

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

Includes asphalt and road oil, kerosene, lubricants, and the 16 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products.

^e Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

^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.

⁹ Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

h Losses and co-products from the production of fuel ethanol.

Distributed solar thermal and photovoltaic energy consumed in the industrial sector is included in residential consumption. For 1981 through 1992, includes fuel ethanol blended into motor gasoline but not shown in the motor gasoline column. Beginning in 2008, includes small amounts of solar and wind energy consumed by industrial

but should be counted only once in net energy and total.

Jincurred 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. kWh = Kilowatthours. -- = 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 industrial sector includes industrial combined-heat-and-power (CHP) and industrial electricity-only plants. • 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.

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

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

H Table CT7. Transportation Sector Energy Consumption Estimates, Selected Years, 1960-2014, Hawaii

						P	etroleum							
7	Coal	Natural Gas ^a	Aviation Gasoline	Distillate Fuel Oil	Jet Fuel ^b	LPG ^c	Lubricants	Motor Gasoline ^d	Residual Fuel Oil	Total	Retail Electricity Sales		Electrical System	
Year	Thousand Short Tons	Billion Cubic Feet				Thous	sand Barrels				Million Kilowatthours	Net Energy ^{e,f}	Energy Losses ⁹	Total ^{e,f}
1960	0	0	2,640	247	4,321	2	19 73	3,290	968	11,487	0			
1965 1970	0	0	613 133	844 722	7,618	4	73 68	3,947 5,508	1,195	14,294	0			
1975	Ö	0	116	831	14,273 14,849	26 22	68 74	6,615	1,744 1,013	22,473 23,520	0			
1980	0	0	199	3,331	14.116	26	74	7,129	1 441		0			
1985 1990	0	0	155 272	3,184 3,498	13,260 12,646	6 13	68 76	7,443 8,477	1,526 2,657	25,641 27,639	0			
1995	ŏ	ŏ	218	2.683	9.940	8	73	9 160	2.677	25,541 27,639 24,759 22,058 21,334 20,876 22,177 22,532	ŏ			
1996	0	0	165	1,928	10,087	2	73 71 75	9,104 9,104	702	22,058	0			
1997 1998	0	0	121 107	1,322 1,242	10,221 9,999	2	75 78	9,104 9,065	489 383	21,334 20,876	0			
1999	Ō	ŏ	58	2,071	9,474	Ö	79 78	8,786	1,708	22,177	ŏ			
2000	0	0	45	1,627	9,438	0	78	9,118	2.226	22,532	0			
2001 2002	0	0	48 18	2,455 3,329	8,895 10,189	0	71 70	9,576 10,262	2,658 1,437	23,704 25,306	0			
2003	ŏ	ő	15	5.186	12 708	11	65	10.448	914	29.347	ő			
2004	0	(s)	39	5,359 3,827	13,379	.0	66 65	10,560 10,833	1,493 1,121	30,897 32,278	0			
2005 2006	0	(s) (s)	44 41	3,827 3,387	16,372 15,334	15 17	65 64	10,833 11,379	1,121 2,375	32,278 32,597	0		==	
2007	Ö	(s)	41	6.246	12,756	12	66	11,092	4,465 978	34.678	0		==	
2007 2008	Ō	(s)	28	6,246 2,729	10,702	4	61	10,416	978	34,678 24,917	Ō			
2009 2010	0	(s) (s)	30 27	3,124 4,019	9,303 9,837	6 6	55 61	10,588 9,838	1,214 1,075	24,320	0			
2010	0	(s)	30 37 35	3,409	10,948	13	58	10.985	1,002	24,320 24,872 26,451	0			
2012	Ö	(s)	31	3.274	11,311	1	53	10,434 R 10,595	906	26,011 R 25,945	Ö			
2013 2014	0	(s) (s)	27 28	3,060 1,591	11,323 12,922	5 7	56 59	^H 10,595 10,481	880 848	^H 25,945 25,936	0			
2014	0	(5)	20	1,001	12,322			lion Btu	040	25,950				
1060	0.0	0.0	13.3	1.4	22.5	(0)			6.1	61.9	0.0	61.8	0.0	61.8
1960 1965	0.0 0.0	0.0 0.0	3.1	1.4 4.9	23.5 42.3	(s) (s)	0.1 0.4	17.3 20.7	6.1 7.5	61.8 79.0	0.0	79.0	0.0	79.0
1970	0.0	0.0	0.7	4.2	80.1	0.1	0.4	28.9	11.0	125.3	0.0	125.3	0.0	125.3
1975 1980	0.0	0.0	0.6	4.8	83.5	0.1 0.1	0.5 0.5	34.7 37.4	6.4	130.5 146.7	0.0 0.0	130.5	0.0	130.5
1985	0.0 0.0	0.0 0.0	1.0 0.8	19.4 18.5	79.2 74.4	(s)	0.5	39.1	9.1 9.6	142 9	0.0	146.7 142.9	0.0 0.0	146.7 142.9
1990	0.0	0.0	1.4	20.4	71.1	(s)	0.5	44.5	16.7	154.5 138.2	0.0	154.5	0.0	154.5 138.2
1995 1996	0.0	0.0	1.1	15.6	56.4 57.2	(s)	0.4	47.8 47.5	16.8	138.2 121.6	0.0 0.0	138.2 121.6	0.0	138.2 121.6
1996	0.0 0.0	0.0 0.0	0.8 0.6	11.2 7.7 7.2	57.2 58.0	(s) (s)	0.4 0.5	47.5 47.5	4.4 3.1	117.3	0.0	121.6	0.0 0.0	121.6
1998	0.0	0.0	0.5	7.2	56.7	(s)	0.5	47.3	2.4	114 6	0.0	114.6	0.0	114.6
1999 2000	0.0	0.0	0.3	12.1 9.5	53.7	0.0	0.5	45.8	10.7	123.1 125.2 132.0	0.0	123.1	0.0	123.1
2000	0.0 0.0	0.0 0.0	0.2 0.2	9.5 14.3	53.5 50.4	0.0 0.0	0.5 0.4	47.5 49.9	14.0 16.7	125.2 132.0	0.0 0.0	125.2 132.0	0.0 0.0	125.2 132.0
2002	0.0	0.0	0.1	19.4 30.2	57.8	0.0	0.4	53.5	9.0	140.2 162.9	0.0	140.2	0.0	140.2 162.9
2003	0.0	0.0	0.1	30.2	72.1	(s)	0.4	54.4	5.7	162.9	0.0	162.9	0.0	162.9
2004 2005	0.0 0.0	(s) (s)	0.2 0.2	31.2 22.3	75.9 92.8	0.0 0.1	0.4 0.4	54.9 56.3	9.4 7.0	171.9 179.1	0.0 0.0	172.0 179.1	0.0 0.0	172.0 179.1
2006	0.0	(s)	0.2	19.7	86.9	0.1	0.4	59.1 57.2	14.9	181.3	0.0	181.3	0.0	181.3
2007	0.0	(s)	0.2	36.1	72.3	(s)	0.4	57.2	28.1	194.4	0.0	194.4	0.0	194.4
2008 2009	0.0 0.0	(s)	0.1 0.1	15.8 18.1	60.7 52.7	(s) (s)	0.4 0.3	53.4 54.0	6.1 7.6	136.5 133.0	0.0 0.0	136.5 133.0	0.0 0.0	136.5 133.0
2010	0.0	(s)	0.2	23.2	55.8	(s)	0.4	50.0	6.8	133.0 136.3	0.0	136.3	0.0	136.3
2011	0.0	(s)	0.2	19.7	62.1	0.1	0.4	55.7	6.3	144.3	0.0	144.3	0.0	144.3
2012 2013	0.0 0.0	(s) (s)	0.2 0.1	18.9 17.7	64.1 64.2	(s) (s)	0.3 0.3	52.8 R 53.6	5.7 5.5	142.0 R 141.5	0.0 0.0	142.1 R 141.5	0.0 0.0	142.1 R 141.5
2013	0.0	(s)	0.1	9.2	73.3	(s)	0.4	53.0	5.3	141.3	0.0	141.4	0.0	141.4
		\-/				(-/								

a Transportation use of natural gas is gas consumed in the operation of pipelines, primarily in compressors,

and, since 1990, natural gas consumed as vehicle fuel.

b 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."

C Liquefied petroleum gases, includes ethane and olefins.

C Liquefled petroleum gases, includes etnane and olerins.

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

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.

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

gasoline column.

⁹ 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.

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 the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

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

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

Table CT8. Electric Power Sector Consumption Estimates, Selected Years, 1960-2014, Hawaii

				Petro	leum				Biomass					
	Coal	Natural Gas ^a	Distillate Fuel Oil ^b	Petroleum Coke	Residual Fuel Oil ^c	Total	Nuclear Electric Power	Hydroelectric Power ^d	Wood	Geothermal ^f	Solar/PV ^{f,g}	Wind ^f	Net Electricity Imports ^h	
Year	Thousand Short Tons	Billion Cubic Feet		Thousan	d Barrels		Million Kil	owatthours	and Waste ^{e,f}		Million Ki	ilowatthours		Total ^{f,i}
1960	0	0	37	0	2,719	2,756	0	27 22		0	NA	NA	0	
1960 1965 1970	0	0	37 61 96	0	2,719 4,292 6,702	4,353 6,798	0	22		0	NA	NA	0	
1970	0	0	96	0	6,702	6,798	0	22		0	NA NA	NA	0	
1975 1980	0	0	429 888 752	0	8,880 10,239	9,309 11,127	0	18 20		0	NA NA	NA NA	0	
1985	0	0	752	0	10 295	11,047	0	19		19	0	0	0	
1990 1995	i	0	1,813	0	13,844 10,709	15,657 12,921	0	23 34		0	0	29 20	0	
1995	703	0	2.211	0	10,709	12,921	0	34		235	0	20	0	
1996 1997	761 767	0	2,323 2,302	0	10,996 10,873	13,319 13,175	0	39 49		242 245	0	23 16	0	
1997	676	0	2,302 2,413	0	10,851	13,175	0	49 46		245 237	0	19	0	
1999	684	0	2,555	Ö	10,898	13,453	Ö	45		211	0	16	0	
2000	684 706	0	2,555 2,775	0	10,898 10,848	13,453 13,623	0	43		262	0	16 17	0	
2001	716 698 R 732 R 744	0	2,975 3,987	0	10,613 10,855	13.588	0	50		207	0	2	0	
2002	698	0	3,987	0	10,855	14,842	0	35		73	0	2	0	
2003 2004	11 /32 B 744	0	2,297 2,486	0	10,801 11,218 11,304 11,499	13,098 13,704	0	40 57		178 213	0	2 7	0	
2004	R 680	0	2,400	0	11,210	13,888	0	62		213	0	7	0	
2005 2006	R 680 R 655	ŏ	2,584 2,453	ŏ	11,499	13.952	ŏ	82		222 212	ŏ	80	ŏ	
2007 2008	H 692	0	2,313 2,199	0	11 426	13,738	0	55		230 234	0	238 240	0	
2008	R 741 R 703	0	2,199	0	11,009	13,209	0	45		234	(s)	240	0	
2009	n 703	0	2,250	0	10,704	12,954	0	77		168	1	251	0	
2010 2011	742 724	0	2,246 2,264	0	10,364 10,255	12,610 12,518	0	29 45		201 224	2	261 341	0	
2012	753	0	2.183	0	9.494	11,677	0	56		261	5	378	0	
2012 2013	753 692 769	Ö	2,079	Ö	9,494 9,216 8,767	11,295 10,822	Ō	34		275	19 39	503 579	Ö	
2014	769	0	2,055	0	8,767	10,822	0	42		254	39	579	0	
							Trillion Btu							
1960 1965	0.0 0.0	0.0 0.0	0.2 0.4	0.0 0.0	17.1 27.0	17.3 27.3	0.0 0.0	0.3 0.2	0.0 0.0	0.0 0.0	NA NA	NA NA	0.0 0.0	17.6 27.6
1905	0.0	0.0	0.4	0.0	27.0	27.3	0.0	0.2	0.0	0.0	NA NA	NA NA	0.0	27.6
1970 1975	0.0	0.0	2.5	0.0 0.0	42.1 55.8	42.7 58.3	0.0 0.0	0.2 0.2	0.3	0.0	NA	NA	0.0	43.2 58.8
1980	0.0	0.0	0.6 2.5 5.2 4.4	0.0	64.4	69.5 69.1 97.6 80.2	0.0	0.2	0.0	0.0	NA	NA	0.0	69.7
1985	0.0	0.0	4.4	0.0	64.7	69.1	0.0	0.2	0.3	0.2	0.0	0.0	0.0	69.8
1985 1990 1995	(s) 15.8	0.0	10.6 12.9	0.0 0.0	87.0	97.6	0.0	0.2 0.2 0.4	7.8	0.0 2.4	0.0 0.0	0.3 0.2	0.0 0.0	105.9
1995	16.7	0.0 0.0	13.5	0.0	67.3 69.1	82.7	0.0 0.0	0.4	6.5 4.9	2.4	0.0	0.2	0.0	105.5 107.4
1997	16.8	0.0	13.4	0.0	69.1 68.4	81.8	0.0	0.5	5.6	2.5 2.5 2.4	0.0	0.2	0.0	107.3
1998	14.9	0.0	13.4 14.0	0.0	68.2	82.3	0.0	0.5	5.4	2.4	0.0	0.2	0.0	105.6
1999 2000	15.0 15.5	0.0	14.9 16.1	0.0 0.0	68.5 68.2	83.4 84.4	0.0 0.0	0.5 0.4	5.4 5.3	2.2 2.7	0.0 0.0	0.2 0.2	0.0 0.0	106.6 108.5
2000	15.5	0.0	16.1	0.0	68.2	84.4	0.0	0.4	5.3	2.7	0.0	0.2	0.0	108.5
2001 2002	15.7	0.0 0.0	17.3	0.0	66.7 68.2	84.0 91.4	0.0 0.0	0.5	2.8	2.1 0.7	0.0 0.0	(s) (s)	0.0	105.3
2002	16.0 P 16.7	0.0	17.3 23.2 13.4	0.0 0.0	67.9	81.3	0.0	0.4 0.4	2.8 2.4 R_2.6	1.8	0.0	(S)	0.0 0.0	105.3 110.9 R 102.7
2004	H 16 7	0.0	14.5	0.0	70.5	85.0	0.0	0.6	R _(S)	2.1	0.0	(s) 0.1	0.0	R 104.4
2004 2005	R 15 1	0.0	14.5 15.0	0.0	70.5 71.1	85.0 86.1	0.0 0.0	0.6	R (s) R 0.0 R (s)	2.1 2.2	0.0	0.1	0.0	R 104.4 R 104.1
2006	R 14.5 R 15.3 R 15.8	0.0	14.2 13.4 12.7	0.0	72.3	86.5	0.0	0.8	R (s)	2.1 2.3 2.3	0.0	0.8	0.0	R 104.7 R 105.7 R 102.8
2007 2008	n 15.3	0.0	13.4	0.0	71.8 69.2	85.2 81.9	0.0	0.5	R 0.0 R 0.0	2.3	0.0	2.4 2.4	0.0	n 105.7
2008	'' 15.8 R 15.0	0.0 0.0	12./	0.0 0.0	69.2 67.2	81.9 80.9	0.0 0.0	0.4 0.8	B (c)	2.3	(s) (s)	2.4	0.0 0.0	" 102.8 R 100.2
2009 2010	R 15.0 15.7	0.0	13.0 13.0	0.0	67.3 65.2	80.3 78.1	0.0	0.8	R (s) (s)	1.0 2.0	(S) (S)	2.5 2.5	0.0	98.7
2011	14.8	0.0	13.1	0.0	64.5	77.5	0.0	0.4	0.6	1.6 2.0 2.2	(s)	2.5 2.5 3.3	0.0	R 100.3 98.7 98.9
2012	15.4	0.0	12.6	0.0	59.7 57.9	72.3	0.0	0.5	0.4	2.5 2.6	(s) 0.2	3.6	0.0	94.8
2013	13.9	0.0	12.0	0.0	57.9	69.9	0.0	0.3	0.5	2.6	0.2	3.6 4.8 5.5	0.0	92.3 92.2
2014	15.9	0.0	11.9	0.0	55.1	67.0	0.0	0.4	0.6	2.4	0.4	5.5	0.0	92.2

^a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

b 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.

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.
Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately

Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
 ¹ 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.

h Electricity traded with Canada and Mexico. Btu value calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour. 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 net energy and total.

^{-- =} Not applicable. NA = Not available.

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

Notes: Totals may not equal sum of components due to independent rounding. • The electric power sector comprises 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. • 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.

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

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