

South Salt Lake City Redevelopment Agency

3900 South Project Area

Summary of CDA Participation (Property Tax Increment Only)

Sources of Funds (Property Tax Increment):	Percentage	Length	Total Amounts	NPV @ 5.00%
Salt Lake County	75%	15 Years	1,859,465	1,283,249
Granite School District	75%	15 Years	4,183,797	2,887,311
South Salt Lake City	75%	15 Years	1,575,278	1,087,127
South Salt Lake Valley Mosquito Abatement	75%	15 Years	12,249	8,454
Jordan Valley Water Conservancy District	75%	15 Years	244,376	168,648
Mt. Olympus Improvement District	75%	15 Years	218,040	150,473
Central Utah Water Conservancy District	75%	15 Years	258,463	178,370
Salt Lake County Library	75%	15 Years	437,918	302,215
Total Sources of Funds:			8,789,587	6,065,847

Uses of Funds:		
Infrastructure Reimbursement	8,350,107	5,762,554
CDA Administration @ 5%	439,479	303,292
Total Uses of Funds:	8,789,587	6,065,847

Remaining for Taxing Entities:	Total Amounts	NPV @ 5.00%
Salt Lake County	619,822	427,750
Granite School District	1,394,599	962,437
South Salt Lake City	525,093	362,376
South Salt Lake Valley Mosquito Abatement	4,083	2,818
Jordan Valley Water Conservancy District	81,459	56,216
Mt. Olympus Improvement District	72,680	50,158
Central Utah Water Conservancy District	86,154	59,457
Salt Lake County Library	145,973	100,738
Total Remaining for Taxing Entities:	2,929,862	2,021,949
Revenue From Base Year Value:	-	-
Total Revenue To Taxing Entities:	2,929,862	2,021,949

Total Tax Increment Generation:	Total Amounts	NPV @ 5.00%
Salt Lake County	2,479,287	1,710,999
Granite School District	5,578,396	3,849,748
South Salt Lake City	2,100,371	1,449,502
South Salt Lake Valley Mosquito Abatement	16,333	11,271
Jordan Valley Water Conservancy District	325,835	224,864
Mt. Olympus Improvement District	290,720	200,631
Central Utah Water Conservancy District	344,618	237,827
Salt Lake County Library	583,890	402,953
Total Incremental Tax Generation:	11,719,449	8,087,796

South Salt Lake City Redevelopment Agency

3900 South Project Area

75%; 15 yr. TIF Budget

Appendix A. 2: Summary of Cost Benefit Analysis

Table 2.7: Summary of Revenues @ 20 Years

Entity	Incremental Revenues			
	Property Tax	Sales Tax	Franchise Taxes	Total Incremental Revenues
Salt Lake County	2,479,287	1,491,557	-	\$ 3,970,844
Granite School District	5,578,396	-	-	5,578,396
South Salt Lake City	2,100,371	1,080,839	1,521,796	4,703,005
South Salt Lake Valley Mosquito Abatement	16,333	-	-	16,333
Jordan Valley Water Conservancy District	325,835			325,835
Mt. Olympus Improvement District	290,720			290,720
Central Utah Watery Conservancy District	344,618	-	-	344,618
Salt Lake County Library	583,890	-	-	583,890
State of Utah	-	3,047,965	-	3,047,965
Totals:	11,135,559	5,620,360	1,521,796	\$ 18,277,715

Entity	Incremental Expenditures					Total Incremental Expenditures	Net Incremental Benefit
	CDA Budget	General Government	Public Works	Public Safety			
Salt Lake County	1,859,465	536,996				\$ 2,396,461	\$ 1,574,383
Granite School District	4,183,797	319,194				4,502,991	1,075,405
South Salt Lake City	1,575,278	441,450	224,812	816,066		3,057,606	1,645,399
South Salt Lake Valley Mosquito Abatement	12,249	720				12,970	3,363
Jordan Valley Water Conservancy District	244,376	25,503				269,880	55,956
Mt. Olympus Improvement District	218,040	26,606				244,646	46,074
Central Utah Watery Conservancy District	258,463	6,580				265,043	79,574
Salt Lake County Library	437,918	20,154				458,072	125,818
State of Utah	-	-	-	-		-	3,047,965
Totals:	8,789,587	1,377,204	224,812	816,066		\$ 11,207,668	\$ 7,653,937

Table 2.2: Property Tax @ 20 Years

Entity	Property Tax
Salt Lake County	\$ 2,479,287
Granite School District	5,578,396
South Salt Lake City	2,100,371
South Salt Lake Valley Mosquito Abatement	16,333
Central Utah Water Conservancy District	344,618
Salt Lake County Library	583,890
State of Utah	-
Totals:	\$ 10,519,004

Table 2.3: Yearly Property Tax Amounts

Entity	Yearly Property Tax W/O CDA	Property Tax @ 25% Flow Thru
Salt Lake County	\$ -	\$ 8,128
Granite School District	-	18,289
South Salt Lake City	-	6,886
South Salt Lake Valley Mosquito Abatement	-	1,130
Central Utah Water Conservancy District	-	1,914
Salt Lake County Library	-	38,422
Totals:	\$ -	\$ 36,347

Uses of Tax Increment Funds:													
Infrastructure Reimbursement	95%	-	109,504	165,513	621,161	621,161	621,161	621,161	621,161	621,161	621,161	621,161	621,161
CDA Administration @ 5%	5%	-	5,763	8,711	32,693	32,693	32,693	32,693	32,693	32,693	32,693	32,693	32,693
Total Uses	100%	-	115,267	174,224	653,854	653,854	653,854	653,854	653,854	653,854	653,854	653,854	653,854
REMAINING PROPERTY TAX INCREMENTAL REVENUES FOR TAXING ENTITIES			2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Salt Lake County		-	8,128	12,286	46,108	46,108	46,108	46,108	46,108	46,108	46,108	46,108	46,108
Granite School District		-	18,289	27,643	103,744	103,744	103,744	103,744	103,744	103,744	103,744	103,744	103,744
South Salt Lake City		-	6,886	10,408	39,061	39,061	39,061	39,061	39,061	39,061	39,061	39,061	39,061
South Salt Lake Valley Mosquito Abatement District		-	54	81	304	304	304	304	304	304	304	304	304
Jordan Valley Water Conservancy District		-	1,068	1,615	6,060	6,060	6,060	6,060	6,060	6,060	6,060	6,060	6,060
Mt. Olympus Improvement District		-	953	1,441	5,407	5,407	5,407	5,407	5,407	5,407	5,407	5,407	5,407
Central Utah Water Conservancy District		-	1,130	1,708	6,409	6,409	6,409	6,409	6,409	6,409	6,409	6,409	6,409
Salt Lake County Library		-	1,914	2,893	10,859	10,859	10,859	10,859	10,859	10,859	10,859	10,859	10,859
Total:		-	38,422	58,075	217,951	217,951	217,951	217,951	217,951	217,951	217,951	217,951	217,951

Assumptions	
Discount Rate	4.0%
Inflation Rate	1.0%

2028	2029	2030	2031
2027	2028	2029	2030
Year 12	Year 13	Year 14	Year 15
37,262,606	37,262,606	37,262,606	37,262,606
16,384,403	16,384,403	16,384,403	16,384,403
7,101,699	7,101,699	7,101,699	7,101,699
12,518,605	12,518,605	12,518,605	12,518,605
-	-	-	-
73,267,313	73,267,313	73,267,313	73,267,313
-	-	-	-
12,518,605	12,518,605	12,518,605	12,518,605
60,748,708	60,748,708	60,748,708	60,748,708

				TOTALS	NPV
184,433	184,433	184,433	184,433	2,479,287	1,710,999
414,974	414,974	414,974	414,974	5,578,396	3,849,748
156,246	156,246	156,246	156,246	2,100,371	1,449,502
1,215	1,215	1,215	1,215	16,333	11,271
24,239	24,239	24,239	24,239	325,835	224,864
21,627	21,627	21,627	21,627	290,720	200,631
25,636	25,636	25,636	25,636	344,618	237,827
43,435	43,435	43,435	43,435	583,890	402,953
871,805	871,805	871,805	871,805	11,719,449	8,087,796
871,805	871,805	871,805	871,805	11,719,449	8,087,796

-	-	-	-	-	-
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2027	2028	2029	2030
2026	2027	2028	2029
75%	75%	75%	75%
75%	75%	75%	75%
75%	75%	75%	75%
75%	75%	75%	75%
75%	75%	75%	75%
75%	75%	75%	75%
75%	75%	75%	75%
75%	75%	75%	75%

				TOTALS	NPV
138,325	138,325	138,325	138,325	1,859,465	1,283,249
311,231	311,231	311,231	311,231	4,183,797	2,887,311
117,184	117,184	117,184	117,184	1,575,278	1,087,127
911	911	911	911	12,249	8,454
18,179	18,179	18,179	18,179	244,376	168,648
16,220	16,220	16,220	16,220	218,040	150,473
19,227	19,227	19,227	19,227	258,463	178,370
32,576	32,576	32,576	32,576	437,918	302,215
653,854	653,854	653,854	653,854	8,789,587	6,065,847

2027	2028	2029	2030	Totals	NPV
621,161	621,161	621,161	621,161	8,350,107	5,762,554
32,693	32,693	32,693	32,693	439,479	303,292
653,854	653,854	653,854	653,854	8,789,587	6,065,847
46,108	46,108	46,108	46,108	619,822	427,750
103,744	103,744	103,744	103,744	1,394,599	962,437
39,061	39,061	39,061	39,061	525,093	362,376
304	304	304	304	4,083	2,818
6,060	6,060	6,060	6,060	81,459	56,216
5,407	5,407	5,407	5,407	72,680	50,158
6,409	6,409	6,409	6,409	86,154	59,457
10,859	10,859	10,859	10,859	145,973	100,738
217,951	217,951	217,951	217,951	2,929,862	2,021,949

Year 11	Year 12	Year 13	Year 14	Year 15
2026	2027	2028	2029	2030

Year 11	Year 12	Year 13	Year 14	Year 15
2026	2027	2028	2029	2030
6,839,356	6,839,356	6,839,356	6,839,356	6,839,356
26,455,000	26,455,000	26,455,000	26,455,000	26,455,000
3,968,250	3,968,250	3,968,250	3,968,250	3,968,250
-	-	-	-	-
37,262,606	37,262,606	37,262,606	37,262,606	37,262,606

2026	2027	2028	2029	2030
3,149,824	3,149,824	3,149,824	3,149,824	3,149,824

26,640,000	26,640,000	26,640,000	26,640,000	26,640,000
-	-	-	-	-
-	-	-	-	-
16,384,403	16,384,403	16,384,403	16,384,403	16,384,403

2026	2027	2028	2029	2030
2,552,180	2,552,180	2,552,180	2,552,180	2,552,180
10,360,000	10,360,000	10,360,000	10,360,000	10,360,000
-	-	-	-	-
-	-	-	-	-
7,101,699	7,101,699	7,101,699	7,101,699	7,101,699

2026	2027	2028	2029	2030
2,268,605	2,268,605	2,268,605	2,268,605	2,268,605
10,250,000	10,250,000	10,250,000	10,250,000	10,250,000
-	-	-	-	-
-	-	-	-	-
12,518,605	12,518,605	12,518,605	12,518,605	12,518,605

73,267,313	73,267,313	73,267,313	73,267,313	73,267,313
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Redevelopment Agency of South Salt Lake City

3900 South Project Area

Table A.4.1: Pro Forma Comparisons

Type of Development	Address	Acres	2013 Land Value
Flex Space			
Light Industrial	2700 S. 900 W.	5.99	\$998,100
Flex Space	3060 W. California Ave.	6.76	\$1,244,800
Flex Space	2191 S. 300 W.	7.48	\$2,645,700
Flex Space	9642 S. Sandy Pkwy	4.56	\$1,245,400
<i>Average</i>		6.20	\$1,533,500
<i>Target for TOD</i>		6.20	\$1,533,500
Multi Family Residential			
Brick Stone Apartments	2550 S. Main Street	4.05	\$1,253,300
Bridge Project	503 W. 200 S.	1.32	\$1,094,090
<i>Average</i>		2.69	\$1,173,695
<i>Target for TOD</i>		2.29	\$1,173,695
Single Family Residential			
Single Family Residential	356 E. Penney Ave.	0.10	\$59,700
Single Family Residential	3583 S. Solaris Way	0.12	\$62,190
Single Family Residential	7546 S. San Savino Way	0.03	\$31,700
<i>Average</i>		0.08	\$51,197
<i>Target for TOD</i>		0.08	\$51,197
School			
Endeavor Hall Charter School	2614 S. Decker Lake Ln	3.21	\$623,900
Dual Immersion Academy	1155 Glendale Drive	2.75	\$818,800
<i>Average</i>		2.98	\$721,350
<i>Target for TOD</i>		2.98	\$ 721,350

SF Conversion

43560

2013 Building Value	Building SF	FAR	Land Value/SF	Building Value/SF
\$4,298,100	41,510	0.16	\$4	\$104
\$3,375,200	85,388	0.29	\$4	\$40
\$3,897,300	179,216	0.55	\$8	\$22
\$2,890,700	70,098	0.35	\$6	\$41
\$3,615,325	94,053	0.33	\$5	\$55
\$3,615,325	94,053	0.33	\$5	\$55
\$10,398,800	164,813	0.93	\$7	\$63
\$3,226,090	64,731	1.13	\$19	\$50
\$6,812,445	114,772	1.03	\$13	\$56
\$6,812,445	114,772	1.03	\$13	\$56
\$221,200	1,363	0.31	\$14	\$162
\$235,300	1,591	0.30	\$12	\$148
\$198,600	1,492	1.14	\$24	\$133
\$218,367	1,482	0.59	\$17	\$148
\$218,367	1,482	0.59	\$17	\$148
\$6,146,300	54,604	0.39	\$4	\$113
\$2,370,100	46,314	0.39	\$7	\$51
\$4,258,200	50,459	0.39	\$6	\$82
\$ 4,258,200	50,459	0.39	5.65 \$	82

South Salt Lake City Redevelopment Agency

3900 South Project Area

A.5: Cost/Benefit Summary **(City Only)**: Multi-year Budget Projections

Fiscal Year	2016	2017	2018	2019
REVENUES ¹	Year 1	Year 2	Year 3	Year 4
Property Tax	27,544	41,633	156,246	156,246
Sales Tax	62,500	63,750	65,025	66,326
Energy Sales & Use Tax (Natural Gas)	3,901	10,684	14,415	14,847
Energy Sales and Use Tax (Electric)	22,636	56,843	77,002	79,312
TOTAL REVENUES	\$ 116,581	\$ 172,910	\$ 312,688	\$ 316,731
EXPENDITURES				
Estimated CDA Budget	20,658	31,225	117,184	117,184
General Government Services	5,317	7,931	28,017	28,577
Public Works Services	4,457	5,619	14,627	14,920
Public Safety Services	16,180	20,395	53,098	54,160
TOTAL EXPENDITURES	\$ 46,613	\$ 65,169	\$ 212,926	\$ 214,841
Total Revenue <i>minus</i> Expenditures	\$ 69,969	\$ 107,741	\$ 99,762	\$ 101,890

Note 1: Impact Fee Revenues are not included as they are calculated to offset the capital improvements related to growth which are also excluded

2020	2021	2022	2023	2024	2025	2026
Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11
156,246	156,246	156,246	156,246	156,246	156,246	156,246
67,652	69,005	70,385	71,793	73,229	74,693	76,187
15,293	15,751	16,224	16,711	17,212	17,728	18,260
81,692	84,142	86,667	89,267	91,945	94,703	97,544
\$ 320,882	\$ 325,145	\$ 329,521	\$ 334,016	\$ 338,631	\$ 343,370	\$ 348,237

117,184	117,184	117,184	117,184	117,184	117,184	117,184
29,149	29,732	30,326	30,933	31,551	32,182	32,826
15,218	15,523	15,833	16,150	16,473	16,802	17,138
55,243	56,348	57,475	58,624	59,797	60,992	62,212
\$ 216,794	\$ 218,786	\$ 220,818	\$ 222,891	\$ 225,005	\$ 227,162	\$ 229,361

\$ 104,088	\$ 106,358	\$ 108,703	\$ 111,125	\$ 113,626	\$ 116,209	\$ 118,876
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from the Expenditures.

75%: 15 yr. TIF Budget

2027	2028	2029	2030	TOTALS	NPV @ 5%
Year 12	Year 13	Year 14	Year 15		
156,246	156,246	156,246	156,246	2,100,371	1,395,247
77,711	79,265	80,850	82,467	1,080,839	734,613
18,808	19,372	19,953	20,552	239,712	158,015
100,470	103,485	106,589	109,787	1,282,084	845,602
\$ 353,235	\$ 358,368	\$ 363,639	\$ 369,052	\$ 4,703,005	\$3,133,476

117,184	117,184	117,184	117,184	1,575,278	1,046,435
33,483	34,152	34,835	35,532	424,544	278,214
17,481	17,831	18,187	18,551	224,812	148,196
63,457	64,726	66,020	67,341	816,066	537,951
\$ 231,605	\$ 233,893	\$ 236,227	\$ 238,608	\$ 3,040,700	\$2,010,796.28

\$ 121,630	\$ 124,475	\$ 127,411	\$ 130,444	\$ 1,662,306	\$ 1,122,680
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South Salt Lake City Redevelopment Agency

3900 South Project Area

Increment and Budget Analysis

Appendix A.7.2: All Entity Expenditures

General Government	Assessed Value of Taxing Entity (2013)	Total General Expenditures Budget (2012)	Expenditure / Assessed Value	Fixed vs. Variable Ratio	Adjusted Expenditure / Assessed Value
Salt Lake County	74,255,640,248	303,649,394	0.00409	25%	0.00066
Granite School District	21,536,611,128	436,237,429	0.02026	3%	0.00039
South Salt Lake City	1,829,763,451	5,125,866	0.00280	30%	0.00055
South Salt Lake Valley Mosquito Abatement	49,124,916,095	1,347,000	0.00003	5%	0.000001
Jordan Valley Water Conservancy District	32,088,238,364	31,159,000	0.00097	5%	0.000032
Mt. Olympus Improvement District	7,718,597,471	7,819,099	0.00101	5%	0.000033
Central Utah Water Conservancy District	73,395,035,779	18,388,130	0.00025	5%	0.00001
Salt Lake County Library	50,633,470,755	38,855,332	0.00077	5%	0.00002
Total	310,582,273,291	842,581,250			

General Government	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Salt Lake County	10,647	13,421	34,940	35,639	36,351	37,078	37,820	38,576	39,348	40,135	40,938
Granite School District	6,329	7,977	20,768	21,184	21,608	22,040	22,480	22,930	23,389	23,856	24,334
South Salt Lake City	8,752	11,033	28,723	29,298	29,884	30,481	31,091	31,713	32,347	32,994	33,654
South Salt Lake Valley Mosquito Abatement	14	18	47	48	49	50	51	52	53	54	55
Jordan Valley Water Conservancy District	506	637	1,659	1,693	1,726	1,761	1,796	1,832	1,869	1,906	1,944
Mt. Olympus Improvement District	528	665	1,731	1,766	1,801	1,837	1,874	1,911	1,950	1,989	2,028
Central Utah Water Conservancy District	130	164	428	437	445	454	463	473	482	492	502
Salt Lake County Library	400	504	1,311	1,338	1,364	1,392	1,419	1,448	1,477	1,506	1,536
Total	27,305	34,419	89,608	91,400	93,228	95,093	96,995	98,935	100,913	102,932	104,990

ASSUMPTIONS:	2013
Inflation (CCI)	2.0%
Equalization Ratio (commercial vs. residential)	65%
Discount Rate	4.00%

2027	2028	2029	2030	Total	NPV @ 5%
41,756	42,591	43,443	44,312	536,996	353,988
24,820	25,317	25,823	26,339	319,194	210,413
34,327	35,013	35,714	36,428	441,450	291,004
56	57	58	59	720	475
1,983	2,023	2,063	2,104	25,503	16,812
2,069	2,110	2,152	2,195	26,606	17,539
512	522	532	543	6,580	4,338
1,567	1,599	1,631	1,663	20,154	13,286
107,090	109,232	111,417	113,645	1,377,204	907,853

5%

South Salt Lake City Redevelopment Agency

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Appendix A.8.2: City Expenditures

General Government		2016	2017	2018	2019	2020	2021	2022	2023	2024
Industrial Flex Space		1,204	1,228	8,875	9,052	9,234	9,418	9,607	9,799	9,995
Apartments		1,248	3,780	14,469	14,758	15,053	15,354	15,661	15,975	16,294
Single Family Units		-	-	1,691	1,725	1,760	1,795	1,831	1,867	1,905
School		2,866	2,923	2,982	3,041	3,102	3,164	3,227	3,292	3,358
TOTAL		5,317	7,931	28,017	28,577	29,149	29,732	30,326	30,933	31,551

NPV of General Government Expenditure \$ 301,386

ASSUMPTIONS:
Cost per \$ Assessed (2013)
Inflation (CCI)
Assessed Value (Unequaliz
General Government Expen
Fixed vs. Variable Ratio
Equalization Ratio (commen
Discount Rate

Public Safety		2016	2017	2018	2019	2020	2021	2022	2023	2024
Industrial Flex Space		3,663	3,736	27,005	27,545	28,096	28,658	29,231	29,815	30,412
Apartments		3,797	7,765	11,874	12,111	12,354	12,601	12,853	13,110	13,372
Single Family Units		-	-	5,147	5,250	5,355	5,462	5,571	5,682	5,796
School		8,720	8,894	9,072	9,254	9,439	9,628	9,820	10,017	10,217
TOTAL		16,180	20,395	53,098	54,160	55,243	56,348	57,475	58,624	59,797

NPV of Public Safety Expenditure \$ 582,016

ASSUMPTIONS:
Cost per \$ Assessed (2013)
Inflation (CCI)
Assessed Value (Unequaliz
Fixed vs. Variable Ratio
Public Safety Expenditures (
Equalization Ratio (commen
Discount Rate

Public Works	2016	2017	2018	2019	2020	2021	2022	2023	2024
--------------	------	------	------	------	------	------	------	------	------

Industrial Flex Space	1,009	1,029	7,439	7,588	7,740	7,895	8,053	8,214	8,378
Apartments	1,046	2,139	3,271	3,336	3,403	3,471	3,541	3,612	3,684
Single Family Units	-	-	1,418	1,446	1,475	1,505	1,535	1,565	1,597
School	2,402	2,450	2,499	2,549	2,600	2,652	2,705	2,759	2,815
TOTAL	4,457	5,619	14,627	14,920	15,218	15,523	15,833	16,150	16,473

NPV of Public Works Expenditure	\$	160,335
----------------------------------------	-----------	----------------

ASSUMPTIONS:
Cost per \$ Assessed (2013)
Inflation (CCI)
Assessed Value (Unequalized)
Fixed vs. Variable Ratio
Public Works Expenditures (per \$)
Equalization Ratio (commercial)
Discount Rate

75%: 20 yr. TIF Budget

2025	2026	2027	2028	2029	2030	Total	NPV @ 4%
10,195	10,398	10,606	10,819	11,035	11,256	132,719	93,821
16,620	16,952	17,292	17,637	17,990	18,350	217,434	153,912
1,943	1,982	2,021	2,062	2,103	2,145	24,831	17,444
3,425	3,493	3,563	3,635	3,707	3,781	49,560	36,208
32,182	32,826	33,483	34,152	34,835	35,532	424,544	301,386

2013	
1	\$ 0.00221
	2.0%
ed) (2013)	1,898,570,551
ditures (2012) ²	4,200,639
	15%
cial vs. residential)	65%
	4.00%

2025	2026	2027	2028	2029	2030	Total	NPV @ 4%
31,020	31,640	32,273	32,918	33,577	34,248	403,836	285,478
13,639	13,912	14,190	14,474	14,764	15,059	185,875	133,287
5,912	6,030	6,151	6,274	6,399	6,527	75,555	53,078
10,421	10,630	10,842	11,059	11,280	11,506	150,800	110,173
60,992	62,212	63,457	64,726	66,020	67,341	816,066	582,016

2013	
1	\$ 0.00673
	2.0%
ed) (2013)	1,898,570,551
	15%
(2013) ²	12,781,629
cial vs. residential)	65%
	4.00%

2025	2026	2027	2028	2029	2030	Total	NPV @ 4%
------	------	------	------	------	------	-------	----------

8,545	8,716	8,891	9,068	9,250	9,435	111,250	78,644
3,757	3,833	3,909	3,987	4,067	4,149	51,205	36,718
1,629	1,661	1,694	1,728	1,763	1,798	20,814	14,622
2,871	2,928	2,987	3,047	3,108	3,170	41,543	30,351
16,802	17,138	17,481	17,831	18,187	18,551	224,812	160,335

	2013
1	\$ 0.00185
	2.0%
ad) (2013)	1,898,570,551
	15%
(2013) ²	3,521,112
cial vs. residential)	65%
	4.00%

South Salt Lake City Redevelopment Agency

3900 South Project Area

A.5.2 City Revenue @ 20 Years

Electricity Tax Revenue			Unit	Usage (per Year) ²	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Industrial Flex Space	Per Sq. Ft	8	64,901	472,854	487,040	501,651	516,700	532,201	548,167	564,612	581,551	598,997	616,967		
Apartments	Per Sq. Ft	13	148,329	305,559	472,088	486,251	500,838	515,863	531,339	547,280	563,698	580,609	598,027		
Single Family Units	Per Sq. Ft	13	-	-	150,210	154,716	159,358	164,138	169,063	174,134	179,358	184,739	190,281		
School	Per Sq. Ft	11	164,043	168,964	174,033	179,254	184,632	190,171	195,876	201,752	207,805	214,039	220,460		
TOTAL REVENUE					377,274	947,377	1,283,371	1,321,872	1,361,528	1,402,374	1,444,445	1,487,778	1,532,412	1,578,384	1,625,736
TAX REVENUE					22,636	56,843	77,002	79,312	81,692	84,142	86,667	89,267	91,945	94,703	97,544

NPV of Electric Tax Revenue \$ 914,658

ASSUMPTIONS:	2012
Price per kWh (Commercial) ¹	\$ 0.106
Price per kWh (Residential) ¹	\$ 0.096
Inflation (CPI)	3.0%
Franchise Tax Rate	6%
Discount Rate	4.00%

Natural Gas Tax Revenue			Unit	Usage (per Year) ²	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Industrial Flex Space	Dth Per Sq. Ft.	0.03	13,249	96,531	99,427	102,410	105,482	108,647	111,906	115,263	118,721	122,283	125,951		
Apartments	Dth Per Sq. Ft.	0.03	27,406	56,457	87,226	89,843	92,539	95,315	98,174	101,119	104,153	107,278	110,496		
Single Family Units	Dth Per Sq. Ft.	0.03	-	-	27,754	28,586	29,444	30,327	31,237	32,174	33,140	34,134	35,158		
School	Dth Per Sq. Ft.	0.03	24,355	25,086	25,839	26,614	27,412	28,235	29,082	29,954	30,853	31,778	32,732		
TOTAL REVENUE					65,011	178,075	240,246	247,454	254,877	262,524	270,399	278,511	286,867	295,473	304,337
TAX REVENUE					3,901	10,684	14,415	14,847	15,293	15,751	16,224	16,711	17,212	17,728	18,260

NPV of Natural Gas Tax Revenue \$ 170,940

ASSUMPTIONS:	2012
Price per Dth (Commercial) ¹	\$ 5.77053
Price per Dth (Residential) ¹	\$ 7.68632
Inflation (CPI)	3.0%
Franchise Tax Rate	6%
Discount Rate	4.00%

20 Year Sales Tax Summary														
Retail Values	Tax Rate	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Estimated Gross Taxable Sales		-	25,000,000	25,500,000	26,010,000	26,530,200	27,060,804	27,602,020	28,154,060	28,717,142	29,291,485	29,877,314	30,474,860	
State Sales Tax Generation	4.700%	-	176,250	179,775	183,371	187,038	190,779	194,594	198,486	202,456	206,505	210,635	214,848	
County Local Option Sales Tax Generation	0.250%	-	18,750	19,125	19,508	19,898	20,296	20,702	21,116	21,538	21,969	22,408	22,856	
County Mass Transit	0.300%	-	22,500	22,950	23,409	23,877	24,355	24,842	25,339	25,845	26,362	26,890	27,427	
County Additional Mass Transit	0.250%	-	18,750	19,125	19,508	19,898	20,296	20,702	21,116	21,538	21,969	22,408	22,856	
County Option Transportation	0.250%	-	18,750	19,125	19,508	19,898	20,296	20,702	21,116	21,538	21,969	22,408	22,856	
County Botanical, Cultural, Zoo	0.100%	-	7,500	7,650	7,803	7,959	8,118	8,281	8,446	8,615	8,787	8,963	9,142	
City Sales Tax Generation	1.000%	-	62,500	63,750	65,025	66,326	67,652	69,005	70,385	71,793	73,229	74,693	76,187	
Total Sales Tax Generation (for three)	6.850%	-	325,000	331,500	338,130	344,893	351,790	358,826	366,003	373,323	380,789	388,405	396,173	

<i>New Sales to State</i>	15.00%
<i>New Sales to County</i>	30.00%
<i>New Sales to City</i>	50.00%

2027	2028	2029	2030	Total	NPV @ 5%
635,476	654,541	674,177	694,402	8,144,238	5,814,725
615,968	634,447	653,480	673,085	7,826,862	5,577,103
195,990	201,870	207,926	214,163	2,345,946	1,639,264
227,074	233,886	240,903	248,130	3,051,020	2,213,201
1,674,508	1,724,743	1,776,485	1,829,780	21,368,066	15,244,293
100,470	103,485	106,589	109,787	1,282,084	914,658

2027	2028	2029	2030	Total	NPV @ 5%
129,730	133,622	137,631	141,759	1,662,614	1,187,053
113,811	117,225	120,742	124,364	1,446,148	1,030,466
36,213	37,299	38,418	39,570	433,454	302,882
33,714	34,725	35,767	36,840	452,985	328,594
313,467	322,871	332,557	342,534	3,995,201	2,848,996
18,808	19,372	19,953	20,552	239,712	170,940

2026	2027	2028	2029	Total	NPV @ 4%
31,084,358	31,706,045	32,340,166	32,986,969	432,335,423	303,710,440
219,145	223,528	227,998	232,558	3,047,965	2,141,159
23,313	23,780	24,255	24,740	324,252	227,783
27,976	28,535	29,106	29,688	389,102	273,339
23,313	23,780	24,255	24,740	324,252	227,783
23,313	23,780	24,255	24,740	324,252	227,783
9,325	9,512	9,702	9,896	129,701	91,113
77,711	79,265	80,850	82,467	1,080,839	759,276
404,097	412,179	420,422	428,831	5,620,360	3,948,236

4%

South Salt Lake City Redevelopment Agency

3900 South Project Area

Appendix A.9: Current Land Values

Taxable Property Schedule (2013)			
Parcel_ID	Owner	Acres	Land
15-35-200-036	Utah Transit Authority	99.75	\$20,900,000
Total		99.75	\$ 20,900,000
Source: Salt Lake County			

Building	Total Real Property	Personal Property	Taxable Value	Tax District
\$4,000,100	\$24,900,100		-	14B
\$ 4,000,100	\$ 24,900,100	\$ -	\$ -	

Released: Dec 2006

Next CBECS will be conducted in 2007

Table C13. Total Electricity Consumption and Expenditures, 2003

	All Buildings* Using Electricity			Electricity Consumption	
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Primary	Si
				Total (trillion Btu)	Total (trillion Btu)
All Buildings*	4,404	63,307	14.4	9,168	3,037
Building Floorspace					
(Square Feet)					
1,001 to 5,000	2,384	6,346	2.7	1,164	386
5,001 to 10,000	834	6,197	7.4	790	262
10,001 to 25,000	727	11,370	15.6	1,229	407
25,001 to 50,000	234	8,385	35.8	1,058	350
50,001 to 100,000	128	9,031	70.5	1,223	405
100,001 to 200,000	65	9,018	139.0	1,458	483
200,001 to 500,000	24	7,051	289.8	1,090	361
Over 500,000	7	5,908	896.1	1,157	383
Principal Building Activity					
Education	384	9,871	25.7	1,121	371
Food Sales	221	1,237	5.6	629	208
Food Service	297	1,654	5.6	654	217
Health Care	129	3,163	24.6	748	248
Inpatient	8	1,905	241.4	539	178
Outpatient	121	1,258	10.4	209	69
Lodging	142	5,096	35.8	709	235
Retail (Other Than Mall).....	443	4,317	9.7	637	211
Office	824	12,208	14.8	2,170	719
Public Assembly	274	3,935	14.4	506	167
Public Order and Safety	71	1,090	15.5	172	57
Religious Worship	370	3,754	10.1	188	62
Service	601	3,982	6.6	451	149
Warehouse and Storage	464	9,425	20.3	738	244
Other	76	1,729	22.7	401	133
Vacant	106	1,846	17.3	46	15
Year Constructed					
Before 1920	318	3,730	11.7	271	90
1920 to 1945	499	6,595	13.2	626	208
1946 to 1959	541	6,838	12.6	696	231

1960 to 1969	571	8,057	14.1	989	327
1970 to 1979	700	10,555	15.1	1,726	572
1980 to 1989	668	10,154	15.2	1,892	627
1990 to 1999	809	12,078	14.9	2,082	690
2000 to 2003	298	5,299	17.8	884	293

Census Region and Division

Northeast	710	12,809	18.0	1,519	503
New England	228	2,942	12.9	326	108
Middle Atlantic	482	9,867	20.5	1,192	395
Midwest	1,189	16,701	14.0	2,224	737
East North Central	659	11,373	17.3	1,580	524
West North Central	531	5,328	10.0	643	213
South	1,654	22,766	13.8	3,858	1,278
South Atlantic	835	12,097	14.5	2,166	717
East South Central	312	3,220	10.3	515	171
West South Central	507	7,449	14.7	1,177	390
West	851	11,030	13.0	1,568	519
Mountain	285	3,633	12.7	576	191
Pacific	565	7,397	13.1	992	329

Climate Zone: 30-Year Average

Under 2,000 CDD and --					
More than 7,000 HDD	809	10,393	12.8	1,232	408
5,500-7,000 HDD	1,129	17,076	15.1	2,305	763
4,000-5,499 HDD	642	11,375	17.7	1,713	567
Fewer than 4,000 HDD	1,193	15,172	12.7	2,259	748
2,000 CDD or More and --					
Fewer than 4,000 HDD	631	9,290	14.7	1,659	549

Number of Floors

One	2,919	24,935	8.5	3,442	1,140
Two	1,011	15,978	15.8	2,080	689
Three	333	7,381	22.1	863	286
Four to Nine	128	10,065	78.7	1,796	595
Ten or More	12	4,947	420.0	987	327

Elevators and Escalators

(more than one may apply)

Any Elevators	305	24,495	80.3	4,289	1,421
Number of Elevators					
One	205	8,107	39.6	1,069	354
Two to Five	88	10,120	115.3	1,767	585
Six or More	13	6,268	491.5	1,453	481
Any Escalators	6	2,350	388.7	583	193

Number of Workers (main shift)

Fewer than 5	2,415	14,061	5.8	1,122	372
5 to 9	775	6,147	7.9	749	248
10 to 19	563	7,803	13.9	915	303
20 to 49	397	10,962	27.6	1,581	524
50 to 99	147	7,934	53.8	1,218	403
100 to 249	77	6,871	89.7	1,388	460
250 or More	30	9,528	320.4	2,195	727

Weekly Operating Hours

Fewer than 40	866	5,900	6.8	272	90
40 to 48	1,105	11,571	10.5	1,199	397
49 to 60	1,055	15,702	14.9	1,805	598
61 to 84	580	10,312	17.8	1,500	497
85 to 167	376	6,941	18.5	1,579	523
Open Continuously	422	12,881	30.5	2,813	932

Ownership and Occupancy

Nongovernment Owned	3,783	48,012	12.7	6,944	2,300
Owner Occupied	1,817	23,454	12.9	3,280	1,086
Nonowner Occupied	1,885	23,258	12.3	3,639	1,205
Unoccupied	81	1,299	16.0	25	8
Government Owned	620	15,295	24.7	2,224	737
Federal	46	1,951	42.8	395	131
State	163	3,786	23.2	616	204
Local	411	9,558	23.2	1,213	402

Vacancy Status

Completely Vacant	85	1,489	17.5	28	9
Mostly Vacant	Q	Q	Q	Q	Q
Partially Vacant	499	12,199	24.4	1,736	575
Not At All Vacant	3,798	49,262	13.0	7,386	2,446

Number of Establishments

One	3,591	44,379	12.4	6,454	2,138
2 to 5	635	10,921	17.2	1,517	502
6 to 10	55	1,958	35.7	348	115
11 to 20	23	1,951	85.7	295	98
More than 20	14	2,609	181.1	526	174
Currently Unoccupied	85	1,489	17.5	28	9

Predominant Exterior

Wall Material

Brick, Stone or Stucco	1,991	32,295	16.2	4,549	1,507
Concrete (Block or Poured)	756	10,738	14.2	1,599	530
Concrete Panels	122	6,383	52.2	1,205	399
Siding or Shingles	742	3,975	5.4	452	150
Metal Panels	714	7,377	10.3	897	297

Window Glass	17	1,024	60.1	201	67
Other	44	1,108	25.4	190	63
No One Major Type	Q	Q	Q	Q	Q

Predominant Roof Material

Built-Up	1,008	20,781	20.6	3,143	1,041
Shingles (Not Wood)	1,283	9,871	7.7	1,247	413
Metal Surfacing	1,134	11,234	9.9	1,184	392
Synthetic or Rubber	504	14,711	29.2	2,686	890
Slate or Tile	257	2,438	9.5	313	104
Wooden Materials	119	881	7.4	111	37
Concrete	61	2,231	36.7	299	99
Other	13	595	44.4	125	41
No One Major Type	25	565	22.7	61	20

Renovations in Buildings

Constructed Before 1980

(more than one may apply)

Any Type of Renovation

Since 1980	1,006	17,638	17.5	2,356	780
Addition or Annex	256	6,551	25.6	951	315
Reduction In Floorspace	22	1,012	46.1	158	52
Cosmetic Improvements	735	13,002	17.7	1,812	600
Wall or Roof Replacement	365	8,056	22.0	1,046	347
Interior Wall					
Re-Configuration	407	8,502	20.9	1,212	401
HVAC Equipment Upgrade	440	10,765	24.5	1,591	527
Lighting Upgrade	453	10,273	22.7	1,442	478
Window Replacement	307	6,277	20.5	757	251
Plumbing System Upgrade	313	7,141	22.8	947	314
Insulation Upgrade	225	4,012	17.8	526	174
Other Renovation	19	523	27.3	49	16
No Renovations Since 1980	1,622	18,137	11.2	1,953	647
Building Newer than 1980	1,776	27,532	15.5	4,859	1,609

Energy Sources (more than one may apply)

Electricity	4,404	63,307	14.4	9,168	3,037
Natural Gas	2,390	43,461	18.2	6,524	2,161
Fuel Oil	448	15,142	33.8	2,578	854
District Heat	67	5,443	81.4	1,011	335
District Chilled Water	33	2,853	86.7	580	192
Propane	499	7,067	14.2	1,022	339
Other	126	1,380	11.0	233	77

Space-Heating Energy Sources

Electricity	1,766	28,600	16.2	4,696	1,555
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Electricity Main	1,258	15,996	12.7	2,739	907
Electricity Secondary	507	12,604	24.8	1,957	648
Other Excluding Electricity	2,206	31,391	14.2	4,191	1,388
Buildings without Heating	432	3,315	7.7	281	93

Primary Space-Heating

Energy Source

Electricity	1,258	15,996	12.7	2,739	907
Natural Gas	1,998	32,963	16.5	4,724	1,565
Fuel Oil	282	3,818	13.5	232	77
District Heat	63	4,907	77.4	935	310
Propane	305	1,946	6.4	211	70
Other	65	361	5.5	47	16

Cooling Energy Sources

Electricity	3,589	54,321	15.1	8,386	2,778
Other Excluding Electricity	34	2,604	76.5	469	156
Buildings without Cooling	780	6,381	8.2	312	104

Water-Heating Energy Sources

Electricity	1,910	27,490	14.4	4,146	1,373
Other Excluding Electricity	1,560	28,973	18.6	4,586	1,519
Bldgs without Water Heating	933	6,844	7.3	436	144

Cooking Energy Sources

Electricity	410	13,161	32.1	2,561	848
Other Excluding Electricity	391	9,076	23.2	1,598	529
Buildings without Cooking	3,603	41,070	11.4	5,010	1,659

Energy End Uses (more than one may apply)

Buildings with Space Heating	3,971	59,991	15.1	8,887	2,944
Buildings with Cooling	3,623	56,925	15.7	8,855	2,933
Buildings with Water Heating	3,470	56,463	16.3	8,732	2,892
Buildings with Cooking	801	22,237	27.8	4,158	1,377
Buildings with Manufacturing	119	3,138	26.5	426	141
Buildings with Electricity Generation	149	12,821	85.9	2,687	890

Percent of Floorspace Heated

Not Heated	432	3,315	7.7	281	93
1 to 50	520	6,829	13.1	565	187
51 to 99	498	8,107	16.3	1,193	395
100	2,953	45,055	15.3	7,129	2,361

Percent of Floorspace Cooled

Not Cooled	780	6,381	8.2	312	104
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1 to 50	983	16,583	16.9	1,339	444
51 to 99	629	13,211	21.0	2,252	746
100	2,011	27,132	13.5	5,265	1,744

Percent Lit When Open

Zero	Q	Q	Q	Q	Q
1 to 50	929	10,203	11.0	679	225
51 to 99	1,108	18,288	16.5	2,698	894
100	2,176	32,789	15.1	5,740	1,901
Building Never Open/ Electricity Not Used	144	1,733	12.1	37	12

Percent Lit When Closed

Zero	1,964	17,385	8.9	1,639	543
1 to 50	1,882	30,948	16.4	4,248	1,407
51 to 100	136	2,093	15.4	468	155
Building Never Closed/ Electricity Not Used	422	12,881	30.5	2,813	932

Heating Equipment (more than one may apply)

Heat Pumps	476	8,814	18.5	1,578	523
Packaged Heat Pumps	278	5,442	19.6	1,085	359
Split-System Heat Pumps	166	2,581	15.5	410	136
Individual Room Heat Pumps	58	2,691	46.5	448	148
Furnaces	1,860	19,604	10.5	2,298	761
Individual Space Heaters	819	12,540	15.3	1,701	563
District Heat	65	5,166	79.7	958	317
Boilers	579	20,423	35.3	3,045	1,009
Packaged Heating Units	953	18,021	18.9	3,195	1,058
Other	198	3,242	16.4	508	168

Cooling Equipment (more than one may apply)

Residential-Type Central					
Air Conditioners	1,006	11,035	11.0	1,375	455
Heat Pumps	492	9,041	18.4	1,652	547
Packaged Heat Pumps	288	5,426	18.9	1,086	360
Split-System Heat Pumps	174	2,606	15.0	421	139
Individual Room Heat Pumps	58	2,940	50.7	518	171
Individual Air Conditioners	742	12,558	16.9	1,445	479
District Chilled Water	33	2,853	86.7	580	192
Central Chillers	111	11,636	105.1	2,524	836
Packaged Air Conditioning					
Units	1,613	29,969	18.6	4,765	1,578
Swamp Coolers	122	1,561	12.8	227	75
Other	37	1,217	32.5	225	75

**Main Equipment Replaced Since
1990 (more than one may apply)**

Heating	1,193	16,394	13.7	2,161	716
Cooling	1,356	20,995	15.5	2,947	976

Water Heating Equipment

Centralized System	2,511	34,656	13.8	5,310	1,759
Distributed System	785	11,540	14.7	1,458	483
Combination of Centralized and Distributed System	175	10,267	58.8	1,964	651

**Lighting Equipment Types
(more than one may apply)**

Incandescent	2,184	38,528	17.6	6,057	2,006
Standard Fluorescent	3,943	59,688	15.1	8,909	2,951
Compact Fluorescent	941	27,571	29.3	5,027	1,665
High Intensity Discharge	455	20,643	45.4	3,400	1,126
Halogen	565	17,703	31.3	3,226	1,069
Other	Q	Q	Q	Q	Q

**Refrigeration Equipment
(more than one may apply)^a**

Any Refrigeration.....	3,176	52,974	16.7	8,366	2,771
Commercial Refrigeration	1,007	26,768	26.6	5,397	1,788
Walk-In Units	666	20,254	30.4	4,496	1,489
Cases or Cabinets	825	20,424	24.8	4,349	1,441
Residential-Type Units	2,370	38,884	16.4	5,342	1,769
Vending Machines	996	35,335	35.5	5,992	1,985
No Refrigeration	1,227	10,333	8.4	802	266

**Office Equipment (more
than one may apply)**

Computers	3,081	55,627	18.1	8,567	2,838
With Flat Screen Monitors	877	26,417	30.1	4,797	1,589
Dedicated Servers	1,175	36,338	30.9	6,143	2,035
Laser Printers	1,970	33,012	16.8	4,679	1,550
Inkjet Printers	1,420	32,210	22.7	5,495	1,820
FAX Machines	2,715	52,373	19.3	8,154	2,701
Photocopiers	1,939	46,257	23.9	7,128	2,361

Number of Computers

None	1,323	7,679	5.8	601	199
1 to 4	1,670	12,395	7.4	1,578	523
5 to 9	559	7,179	12.8	826	274
10 to 19	370	6,610	17.9	859	285
20 to 49	255	7,414	29.1	1,233	408

50 to 99	110	5,376	48.9	781	259
100 to 249	79	6,690	84.3	1,111	368
250 or More	38	9,963	264.3	2,179	722

Number of Dedicated Servers

None	3,229	26,969	8.4	3,025	1,002
1 to 4	1,060	24,116	22.8	3,520	1,166
5 to 9	58	3,864	67.0	756	250
10 to 19	30	3,027	100.1	653	216
20 to 49	17	2,583	150.0	552	183
50 or More	10	2,748	276.6	662	219

Number of Photocopiers

None	2,464	17,050	6.9	2,040	676
One	1,250	15,475	12.4	1,792	593
2 to 4	549	15,082	27.5	2,132	706
5 to 9	85	5,515	64.7	976	323
10 or More	54	10,185	187.2	2,229	738

Energy-Related Space Functions

(more than one may apply)

Commercial Food Preparation	799	22,223	27.8	4,155	1,376
Activities with Large Amounts of Hot Water	567	19,482	34.4	3,522	1,167
Separate Computer Area	553	26,873	48.6	4,678	1,550

HVAC Conservation Features

(more than one may apply)

Variable Air-Volume System	466	19,597	42.1	3,827	1,267
Economizer Cycle	508	21,108	41.5	4,251	1,408
HVAC Maintenance	2,576	51,151	19.9	8,161	2,703
Energy Management and Control System (EMCS)	252	15,630	62.0	2,881	954

Window and Interior Lighting

**Features (more than one
may apply)**

Multipaned Windows	2,175	38,727	17.8	6,109	2,024
Tinted Window Glass	1,313	29,625	22.6	5,077	1,682
Reflective Window Glass	305	8,529	27.9	1,576	522
External Overhangs or Awnings	1,220	17,172	14.1	2,900	961
Skylights or Atriums	324	12,508	38.6	1,948	645
Daylighting Sensors	74	2,868	38.7	623	206
Specular Reflectors	928	26,118	28.2	4,488	1,487
Electronic Ballasts	2,577	46,882	18.2	7,543	2,498
Energy Management and					

Control System (EMCS)					
For Lighting	60	4,781	80.1	939	311

**Equipment Usage Reduced
When Building Not In Full Use
(more than one may apply)^a**

Heating	2,876	42,707	14.8	5,828	1,930
Cooling	2,759	43,190	15.7	6,132	2,031
Lighting	3,685	46,987	12.7	6,057	2,006
Office Equipment	1,504	19,397	12.9	2,177	721

**Annual Consumption
(kilowatthours)**

10,000 or Less	757	2,861	3.8	39	13
10,001 to 50,000	1,698	9,228	5.4	463	153
50,001 to 100,000	705	6,461	9.2	532	176
100,001 to 500,000	954	16,111	16.9	2,157	715
500,001 to 1,000,000	142	6,737	47.5	999	331
1,000,001 to 5,000,000	129	13,209	102.6	2,769	917
Over 5,000,000	19	8,699	464.8	2,209	732

**Provider of Purchased
Electricity (more than
one may apply)**

Local Utility	4,225	57,853	13.7	8,151	2,700
Some Other Provider	152	4,945	32.5	930	308

See "Guide to the Tables" or "Glossary" for further explanations of the terms used in this table. Both can be accessed from the CBEC <http://www.eia.doe.gov/emeu/cbecs>.

* Figures in this table do not include enclosed malls and strip malls. Mall buildings add an estimated 213 thousand buildings comprising the 1999 CBECS, malls represented 9.7 percent of total electricity consumption.

^a The definition for one or more of these row items has changed and may not be directly comparable with past CBECS estimates. See discussion of the differences.

Q=Data withheld because the Relative Standard Error (RSE) was greater than 50 percent, or fewer than 20 buildings were sampled.
N=No responding cases in sample that use electricity.

Notes: • Site electricity is the amount of electricity delivered to commercial buildings. Primary electricity, which is not included in the ' is site electricity plus the conversion losses in the generation, transmission, and distribution processes. • Statistics for the "Energy E total consumption in buildings that have the end use, not consumption specifically for that particular end use. • HVAC = Heating, Ventilation, and Air Conditioning. Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-871A, C, and E of the 2003 Commercial Buildings Consumption Survey.

	Electricity Expenditures	
te	Total (billion kWh)	Total (million dollars)

890 69,032

113 10,348 18

77 7,296 12

119 10,001 10

103 7,871 12

119 8,717 13

141 9,500 16

106 7,323 15

112 7,977 19

14

109 8,111 11

61 4,627 49

63 5,176 38

73 4,882 23

52 3,198 27

20 1,684 16

69 5,288 14

62 5,132 14

211 17,050 17

49 3,943 12

17 1,216 16

18 1,628 5

44 3,485 11

72 5,034 8

39 3,049 23

4 412 2

17

26 2,319

61 5,123

68 5,729

96	7,714
168	12,637
184	13,902
202	15,236
86	6,373

147	14,262
32	3,125
116	11,137
216	14,172
153	10,220
62	3,952
375	25,540
210	14,155
50	3,348
114	8,037
152	15,057
56	4,272
96	10,786

120	9,135
224	16,298
166	13,354
219	18,211

161	12,034
-----	--------

334	26,809
202	16,066
84	6,389
174	12,517
96	7,251

416	30,227
-----	--------

104	7,712
172	12,340
141	10,175
57	4,096

109	9,503
73	6,390
89	7,647
154	11,966
118	8,532
135	9,768
213	15,224

26	2,489
116	9,577
175	14,232
146	11,559
153	11,188
273	19,987

674	54,122
318	25,441
353	28,446
2	Q
216	14,910
38	2,159
60	3,973
118	8,777

3	258
Q	Q
169	13,209
717	55,411

627	48,376
147	11,440
34	2,632
29	2,268
51	4,057
3	258

442	34,133
155	12,417
117	8,417
44	4,007
87	6,726

20	1,462
18	1,416
Q	Q

305	24,170
121	10,264
115	8,837
261	18,633
30	2,816
11	869
29	2,029
12	845
6	568

229	17,830
92	6,501
15	1,180
176	13,845
102	8,129

118	9,035
154	11,822
140	10,741
73	6,168
92	7,360
51	4,065
5	517
190	15,691
472	35,511

890	69,032
633	48,584
250	18,631
98	6,519
56	3,667
99	7,234
23	1,539

456	34,865
-----	--------

266	20,527
190	14,338
407	31,387
27	2,779

266	20,527
459	35,355
23	2,246
91	5,910
20	1,909
5	306

814	63,402
46	3,153
30	2,476

402	30,298
445	35,228
42	3,505

249	17,845
155	11,932
486	39,254

863	66,253
860	66,555
848	65,526
404	29,777
41	3,117

261	18,679
-----	--------

27	2,779
55	4,645
116	9,096
692	52,512

30	2,476
----	-------

130	10,901
219	16,916
511	38,738

Q	Q
66	5,942
262	20,893
557	41,762

4	325
---	-----

159	13,104
412	32,796
45	3,144

273	19,987
-----	--------

153	11,629
105	7,929
40	2,946
43	3,289
223	17,887
165	12,387
93	6,051
296	22,045
310	24,318
49	3,451

133	10,746
160	12,060
105	7,909
41	3,005
50	3,721
140	11,268
56	3,667
245	17,065

463	36,258
22	1,808
22	1,540

210	16,626
286	22,737

515	40,871
142	11,253

191	13,401
-----	--------

588	44,422
865	66,864
488	36,584
330	23,651
313	23,011
Q	Q

812	62,357
524	38,581
436	31,769
422	31,335
519	39,936
582	42,043
78	6,675

832	64,010
466	34,985
596	44,941
454	36,031
533	39,920
792	60,928
692	52,409

58	5,021
153	12,918
80	6,606
83	6,741
120	9,322

76	5,664
108	7,675
212	15,085

294	24,090
342	26,074
73	5,608
63	4,457
54	3,685
64	5,118

198	16,622
174	14,098
207	15,555
95	7,138
216	15,618

403	29,771
342	24,710
454	33,308

371	26,726
413	29,663
792	60,420
280	20,451

593	43,784
493	37,166
153	11,302

282	21,798
189	14,007
60	4,847
436	32,092
732	55,837

91	6,922
----	-------

566	45,100
-----	--------

595	47,552
-----	--------

588	46,811
-----	--------

211	17,466
-----	--------

4	476
---	-----

45	4,668
----	-------

52	5,055
----	-------

209	18,053
-----	--------

97	7,735
----	-------

269	18,537
-----	--------

214	14,507
-----	--------

791	61,476
-----	--------

90	7,052
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CS web site -

ing 6.9 billion square feet. In

re "Guide to the Tables" for

"Total of Major Fuels" category,
nd Uses" category represent
tilation, and Air Conditioning. •

cial Buildings Energy

Released: Dec 2006

Next CBECS will be conducted in 2007

Table C23. Total Natural Gas Consumption and Expenditures in Non-Mall Buildings

	All Buildings* Using Natural Gas			Natural Gas Consumption	
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (trillion Btu)	Total (billion cubic feet)
All Buildings*	2,391	43,468	18.2	1,928	1,870
Building Floorspace					
(Square Feet)					
1,001 to 5,000	1,110	3,084	2.8	250	243
5,001 to 10,000	496	3,692	7.4	209	202
10,001 to 25,000	450	7,053	15.7	309	300
25,001 to 50,000	168	6,025	35.8	258	250
50,001 to 100,000	95	6,683	70.6	244	236
100,001 to 200,000	48	6,645	138.4	249	241
200,001 to 500,000	19	5,679	292.6	205	199
Over 500,000	5	4,606	919.5	204	198
Principal Building Activity					
Education	213	7,045	33.1	268	260
Food Sales	98	747	7.6	39	37
Food Service	226	1,396	6.2	203	197
Health Care	72	2,544	35.5	243	235
Inpatient	7	1,805	257.0	204	198
Outpatient	65	739	11.4	38	37
Lodging	86	4,256	49.7	215	208
Retail (Other Than Mall).....	245	2,866	11.7	91	89
Office	488	8,208	16.8	269	261
Public Assembly	146	2,723	18.6	102	99
Public Order and Safety	36	637	17.7	29	28
Religious Worship	220	2,629	11.9	82	80
Service	281	2,496	8.9	139	135
Warehouse and Storage	187	5,494	29.4	132	128
Other	45	1,252	27.9	87	85
Vacant	49	1,176	24.2	28	27
Year Constructed					
Before 1920	200	2,759	13.8	143	139
1920 to 1945	338	4,679	13.9	229	223
1946 to 1959	313	4,659	14.9	216	210

1960 to 1969	309	5,635	18.2	255	248
1970 to 1979	391	7,659	19.6	351	341
1980 to 1989	303	6,469	21.3	291	282
1990 to 1999	419	8,177	19.5	314	305
2000 to 2003	118	3,431	29.1	127	123

Census Region and Division

Northeast	397	9,181	23.1	428	415
New England	74	1,465	19.8	75	73
Middle Atlantic	323	7,716	23.9	353	343
Midwest	802	13,163	16.4	705	683
East North Central	546	9,570	17.5	528	512
West North Central	255	3,593	14.1	177	171
South	714	13,311	18.6	474	460
South Atlantic	308	6,326	20.5	217	210
East South Central	155	2,281	14.7	102	99
West South Central	251	4,704	18.7	156	151
West	479	7,813	16.3	320	311
Mountain	190	2,797	14.7	167	162
Pacific	289	5,016	17.4	153	149

Climate Zone: 30-Year Average

Under 2,000 CDD and --					
More than 7,000 HDD	493	7,645	15.5	431	418
5,500-7,000 HDD	718	12,850	17.9	679	659
4,000-5,499 HDD	347	8,113	23.4	337	327
Fewer than 4,000 HDD	646	10,509	16.3	358	347
2,000 CDD or More and --					
Fewer than 4,000 HDD	187	4,350	23.2	122	119

Number of Floors

One	1,431	14,940	10.4	664	644
Two	617	11,441	18.5	491	476
Three	242	5,668	23.5	241	234
Four to Nine	93	7,670	82.1	378	367
Ten or More	9	3,749	437.6	154	149

Number of Workers (main shift)

Fewer than 5	1,082	7,023	6.5	272	264
5 to 9	474	4,084	8.6	198	192
10 to 19	359	5,317	14.8	242	235
20 to 49	289	8,212	28.5	395	383
50 to 99	113	6,156	54.7	241	234
100 to 249	52	5,127	98.1	235	228
250 or More	23	7,549	333.2	344	334

Weekly Operating Hours

Fewer than 40	382	3,259	8.5	107	104
40 to 48	569	6,913	12.1	249	242
49 to 60	607	10,191	16.8	374	363
61 to 84	374	7,468	20.0	314	305
85 to 167	233	5,225	22.4	257	249
Open Continuously	225	10,411	46.2	626	607

Ownership and Occupancy

Nongovernment Owned	2,078	33,317	16.0	1,503	1,458
Owner Occupied	1,044	16,548	15.8	708	686
Nonowner Occupied	997	15,886	15.9	779	756
Unoccupied	Q	Q	Q	Q	Q
Government Owned	313	10,150	32.4	425	412
Federal	23	1,083	46.3	35	34
State	72	2,438	33.8	98	95
Local	218	6,630	30.4	291	283

Vacancy Status

Completely Vacant	37	933	25.6	18	18
Mostly Vacant	Q	Q	Q	Q	Q
Partially Vacant	264	8,446	32.0	318	308
Not At All Vacant	2,079	33,845	16.3	1,582	1,534

Number of Establishments

One	1,912	30,518	16.0	1,462	1,418
2 to 5	382	7,593	19.9	307	298
6 to 10	39	1,355	34.5	48	47
11 to 20	12	1,271	102.6	34	33
More than 20	9	1,797	Q	58	56
Currently Unoccupied	37	933	25.6	18	18

Predominant Exterior

Wall Material

Brick, Stone or Stucco	1,292	23,551	18.2	1,127	1,093
Concrete (Block or Poured)	423	7,323	17.3	351	340
Concrete Panels	83	4,680	56.4	180	174
Siding or Shingles	261	1,997	7.7	85	83
Metal Panels	276	4,023	14.6	130	126
Window Glass	11	696	65.0	14	14
Other	33	898	26.9	35	34
No One Major Type	Q	Q	Q	Q	Q

Predominant Roof Material

Built-Up	649	15,208	23.4	743	720
Shingles (Not Wood)	677	6,519	9.6	310	301
Metal Surfacing	436	5,781	13.2	194	188
Synthetic or Rubber	363	11,838	32.7	542	526

Slate or Tile	152	1,574	10.4	67	65
Wooden Materials	59	526	8.9	21	20
Concrete	34	Q	Q	24	23
Other	Q	Q	Q	Q	Q
No One Major Type	13	378	29.1	16	16

Renovations in Buildings

Constructed Before 1980

(more than one may apply)

Any Type of Renovation

Since 1980	641	13,270	20.7	684	663
Addition or Annex	158	5,036	31.8	304	295
Reduction In Floorspace	18	964	53.6	52	50
Cosmetic Improvements	477	10,073	21.1	497	482
Wall or Roof Replacement	234	6,328	27.0	278	270
Interior Wall					
Re-Configuration	278	7,019	25.2	342	331
HVAC Equipment Upgrade	306	8,482	27.7	467	453
Lighting Upgrade	304	8,104	26.7	397	386
Window Replacement	195	5,000	25.6	242	235
Plumbing System Upgrade	213	5,714	26.8	287	278
Insulation Upgrade	142	2,960	20.8	132	128
Other Renovation	12	443	37.4	26	25
No Renovations Since 1980	910	12,120	13.3	512	497
Building Newer than 1980	840	18,077	21.5	732	710

Energy Sources (more than

one may apply)

Electricity	2,390	43,461	18.2	1,927	1,869
Natural Gas	2,391	43,468	18.2	1,928	1,870
Fuel Oil	129	10,383	80.4	507	492
District Heat	25	2,444	99.5	47	46
District Chilled Water	17	1,765	101.7	35	34
Propane	47	2,470	52.7	106	103
Other	39	903	23.4	47	46

Space-Heating Energy Sources

Natural Gas	2,165	36,959	17.1	1,803	1,749
Natural Gas Main	1,999	32,970	16.5	1,687	1,636
Natural Gas Secondary	166	3,989	24.0	116	113
Other Excluding Natural Gas	179	6,015	33.6	106	103
Buildings without Heating	47	494	10.6	Q	Q

Primary Space-Heating

Energy Source

Electricity	281	6,162	21.9	177	171
Natural Gas	1,999	32,970	16.5	1,687	1,636

Fuel Oil	38	Q	42.3	20	20
District Heat	24	2,117	90.0	23	22
Propane	Q	Q	Q	Q	Q
Other	Q	Q	Q	Q	Q

Cooling Energy Sources

Natural Gas	17	1,018	58.9	92	89
Other Excluding Natural Gas	2,136	40,006	18.7	1,729	1,677
Buildings without Cooling	238	2,444	10.3	107	104

Water-Heating Energy Sources

Natural Gas	1,445	28,820	19.9	1,509	1,463
Other Excluding Natural Gas	681	12,313	18.1	361	350
Bldgs without Water Heating	265	2,334	8.8	57	56

Cooking Energy Sources

Natural Gas	457	15,438	33.8	856	830
Other Excluding Natural Gas	107	3,218	30.0	141	137
Buildings without Cooking	1,827	24,812	13.6	931	903

Energy End Uses (more than one may apply)

Buildings with Space Heating	2,344	42,974	18.3	1,909	1,852
Buildings with Cooling	2,153	41,023	19.1	1,821	1,766
Buildings with Water Heating	2,126	41,134	19.3	1,870	1,814
Buildings with Cooking	564	18,656	33.1	997	967
Buildings with Manufacturing	70	2,301	33.1	100	97
Buildings with Electricity Generation	104	10,402	99.7	534	518

Percent of Floorspace Heated

Not Heated	47	494	10.6	Q	Q
1 to 50	231	4,006	17.4	97	94
51 to 99	317	5,965	18.8	268	260
100	1,796	33,002	18.4	1,544	1,498

Percent of Floorspace Cooled

Not Cooled	238	2,444	10.3	107	104
1 to 50	601	12,132	20	452	438
51 to 99	402	9,732	24	451	438
100	1,150	19,159	17	918	890

Heating Equipment (more than one may apply)

Heat Pumps	152	5,552	37	224	217
Packaged Heat Pumps	86	3,323	39	140	135
Split-System Heat Pumps	50	1,453	29	42	41

Individual Room Heat Pumps	32	2,195	69	84	81
Furnaces	1,314	15,304	12	673	653
Individual Space Heaters	429	8,969	21	379	368
District Heat	24	2,291	95	39	38
Boilers	432	18,174	42	1,040	1,009
Packaged Heating Units	586	13,618	23	582	564
Other	85	1,801	21	47	46

Cooling Equipment (more than one may apply)

Residential-Type Central					
Air Conditioners	652	7,982	12	391	379
Heat Pumps	176	5,832	33	234	227
Packaged Heat Pumps	100	3,352	33	145	141
Split-System Heat Pumps	59	1,489	25	45	43
Individual Room Heat Pumps	31	2,380	76	85	83
Individual Air Conditioners	392	9,114	23	410	398
District Chilled Water	17	1,765	102	35	34
Central Chillers	78	9,100	117	501	486
Packaged Air Conditioning					
Units	1,116	23,806	21	1,090	1,057
Swamp Coolers	78	1,265	16	81	78
Other	16	808	50	52	51

Main Equipment Replaced Since 1990 (more than one may apply)

Heating	734	12,275	17	605	587
Cooling	873	16,047	18	779	756

Water Heating Equipment

Centralized System	1,560	25,353	16	1,226	1,189
Distributed System	438	7,559	17	254	247
Combination of Centralized and Distributed System	128	8,222	64	390	378

Energy-Related Space Functions (more than one may apply)

Commercial Food Preparation	563	18,644	33	996	966
Activities with Large					
Amounts of Hot Water	404	16,023	40	931	903
Separate Computer Area	373	20,615	55	875	849

HVAC Conservation Features (more than one may apply)

Variable Air-Volume System	290	14,594	50	710	688
Economizer Cycle	348	16,655	48	805	781
HVAC Maintenance	1,576	36,984	24	1,659	1,609

Energy Management and Control System (EMCS)	155	11,626	75	477	463
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**Equipment Usage Reduced
When Building Not In Full Use
(more than one may apply)^a**

Heating	1,727	31,179	18	1,292	1,253
Cooling	1,676	31,437	19	1,288	1,249
Lighting	2,043	31,070	15	1,250	1,213
Office Equipment	863	12,670	15	476	462

**Annual Consumption
(hundred cubic feet)**

1,000 or Less	674	4,336	6	37	35
1,001 to 5,000	1,011	9,732	10	249	242
5,001 to 10,000	339	6,254	19	247	239
10,001 to 25,000	232	7,767	34	360	349
25,001 to 50,000	85	5,534	65	293	284
50,001 to 100,000	30	3,969	132	218	211
Over 100,000	21	5,875	285	525	510

**Provider of Natural Gas
(more than one may apply)**

Local Utility	2,255	38,362	17	1,631	1,582
Some Other Provider	149	6,372	43	389	377

See "Guide to the Tables" or "Glossary" for further explanations of the terms used in this table. Both can be accessed from the CBECS <http://www.eia.doe.gov/emeu/cbecs>.

* Figures in this table do not include enclosed malls and strip malls. Mall buildings add an estimated 213 thousand buildings comprising 3.8 percent of total natural gas consumption.

^a The definition for one or more of these row items has changed and may not be directly comparable with past CBECS estimates. See for discussion of the differences.

Q=Data withheld because the Relative Standard Error (RSE) was greater than 50 percent, or fewer than 20 buildings were sampled.

N=No responding cases in sample that use natural gas.

Notes: • Statistics for the "Energy End Uses" category represent total consumption in buildings that have the end use, not consumption for a particular end use. • HVAC = Heating, Ventilation, and Air Conditioning. • Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-871A, C, and E of the 2003 Commercial Buildings Energy Consumption Survey.

2003

Natural Gas Expenditures					
Total (million dollars)	BTUs per Sq Ft	Dth Conversion	Decatherms	Square Feet	
14,525	44,354	0.04			
2,155	81,064	0.08	250,000,000	3,084,000,000	12.34 0.08
1,689	56,609	0.06			250000000
2,524	43,811	0.04			
1,865	42,822	0.04			
1,868	36,511	0.04			
1,737	37,472	0.04			100000
1,343	36,098	0.04			1500
1,344	44,290	0.04			0.015
	47,334	0.05			
1,889	38,041	0.04			
332	52,209	0.05			
1,615	145,415	0.15			
1,538	95,519	0.10			
1,241	113,019	0.11			
297	51,421	0.05			
1,581	50,517	0.05			
719	31,752	0.03			
2,201	32,773	0.03			
775	37,459	0.04			
234	45,526	0.05			
664	31,191	0.03			
1,096	55,689	0.06			
976	24,026	0.02			
684	69,489	0.07			
220	23,810	0.02			
	52,387	0.05			
1,134					
1,708					
1,610					

1,872		
2,466		
2,270		
2,452		
1,012	41,010	0.04

3,553		
673		
2,880		
4,844		
3,649		
1,195		
3,866		
1,934		
817		
1,115		
2,261	41,010	0.04
1,089	41,010	0.04
1,172	41,010	0.04

3,076
4,901
2,702
2,920
925

5,406
3,627
1,816
2,560
1,116

2,308
1,666
1,841
2,951
1,780
1,652
2,327

892
2,018
2,928
2,373
1,906
4,407

11,558
5,361
6,070
Q
2,967
226
748
1,993

142
Q
2,477
11,828

10,950
2,377
366
248
441
142

8,403
2,622
1,326
735
1,059
83
248
Q

5,529
2,482
1,516
3,905

562
160
168
Q
124

4,851
1,982
390
3,587
1,966

2,430
3,281
2,868
1,734
2,051
978
Q
3,939
5,734

14,523
14,525
3,539
323
244
751
330

13,515
12,586
929
862
Q

1,434
12,586

162
172
Q
Q

672
13,046
807

11,092
2,933
500

6,157
1,007
7,361

14,377
13,718
14,025
7,163
718

3,718

Q
831
2,078
11,468

807
3,465
3,341
6,912

1,804
1,115
361

648
5,095
2,720
269
7,418
4,477
368

2,867
1,887
1,163
382
660
3,040
244
3,461

8,210
520
377

4,519
5,761

9,346
1,989
2,691

7,156

6,466
6,230

5,070
5,703
12,356

3,318

9,840

9,785

9,710

3,666

411

2,223

2,042

2,796

2,161

1,450

3,441

12,577

2,537

3 web site -

ing 6.9 billion square

"Guide to the Tables"

n specifically for that

al Buildings Energy

Table US4. Total Consumption by Fuels Used, 2005
Quadrillion British Thermal Units (Btu)

	U.S. Households (millions)	Fuels Used (quadrillion Btu)				
		Total ⁴	Electricity		Natural Gas	Fuel Oil
			Primary	Site		
Total	111.1	10.55	12.75	4.35	4.79	0.86
Census Region and Division						
Northeast.....	20.6	2.52	1.69	0.58	1.15	0.72
New England.....	5.5	0.71	0.41	0.14	0.25	0.30
Middle Atlantic.....	15.1	1.81	1.29	0.44	0.90	0.42
Midwest.....	25.6	2.91	2.76	0.94	1.72	0.06
East North Central.....	17.7	2.09	1.86	0.63	1.29	0.05
West North Central.....	7.9	0.82	0.90	0.31	0.44	Q
South.....	40.7	3.25	6.06	2.07	0.94	0.06
South Atlantic.....	21.7	1.65	3.19	1.09	0.43	0.05
East South Central.....	6.9	0.60	1.10	0.37	0.17	Q
West South Central.....	12.1	1.00	1.77	0.60	0.34	N
West.....	24.2	1.87	2.23	0.76	0.98	0.03
Mountain.....	7.6	0.68	0.82	0.28	0.33	Q
Pacific.....	16.6	1.19	1.41	0.48	0.65	0.02
Four Most Populated States						
New York.....	7.1	0.84	0.49	0.17	0.38	0.26
Florida.....	7.0	0.42	1.12	0.38	0.03	N
Texas.....	8.0	0.65	1.21	0.41	0.22	N
California.....	12.1	0.81	0.85	0.29	0.49	Q
All Other States.....	76.9	7.82	9.09	3.10	3.67	0.61
Urban/Rural Location (as Self-Reported)						
City.....	47.1	4.02	4.66	1.59	2.13	0.25
Town.....	19.0	1.94	2.08	0.71	1.00	0.19
Suburbs.....	22.7	2.46	2.85	0.97	1.29	0.15
Rural.....	22.3	2.13	3.15	1.08	0.37	0.27
Climate Zone¹						
Less than 2,000 CDD and--						
Greater than 7,000 HDD.....	10.9	1.29	1.05	0.36	0.62	0.18
5,500 to 7,000 HDD.....	26.1	3.00	2.46	0.84	1.69	0.34
4,000 to 5,499 HDD.....	27.3	2.78	3.12	1.06	1.29	0.32
Fewer than 4,000 HDD.....	24.0	1.83	2.61	0.89	0.80	Q
2000 CDD or More and--						
Less than 4,000 HDD.....	22.8	1.65	3.51	1.20	0.39	Q

Type of Housing Unit

Single-Family Detached.....	72.1	7.81	9.48	3.24	3.49	0.64
Single-Family Attached.....	7.6	0.68	0.70	0.24	0.40	Q
Apartments in 2-4 Unit Buildings.....	7.8	0.66	0.58	0.20	0.38	0.08
Apartments in 5 or More Unit Buildings..	16.7	0.91	1.17	0.40	0.40	0.10
Mobile Homes.....	6.9	0.49	0.82	0.28	0.12	0.02

Ownership of Housing Unit

Owned.....	78.1	8.16	9.88	3.37	3.65	0.66
Single-Family Detached.....	64.1	7.04	8.53	2.91	3.14	0.59
Single-Family Attached.....	4.2	0.40	0.37	0.13	0.23	Q
Apartments in 2-4 Unit Buildings.....	1.8	0.20	0.14	0.05	0.13	0.03
Apartments in 5 or More Unit Buildings	2.3	0.12	0.16	0.05	0.05	Q
Mobile Homes.....	5.7	0.40	0.69	0.23	0.09	0.01
Rented.....	33.0	2.39	2.87	0.98	1.15	0.21
Single-Family Detached.....	8.0	0.77	0.96	0.33	0.36	0.06
Single-Family Attached.....	3.4	0.28	0.33	0.11	0.17	Q
Apartments in 2-4 Unit Buildings.....	5.9	0.46	0.44	0.15	0.25	0.05
Apartments in 5 or More Unit Buildings	14.4	0.79	1.01	0.35	0.35	0.09
Mobile Homes.....	1.2	0.08	0.13	0.04	0.02	Q

Year of Construction

Before 1940.....	14.7	1.77	1.34	0.46	0.94	0.30
1940 to 1949.....	7.4	0.77	0.65	0.22	0.41	0.10
1950 to 1959.....	12.5	1.23	1.19	0.41	0.64	0.15
1960 to 1969.....	12.5	1.18	1.33	0.46	0.59	0.11
1970 to 1979.....	18.9	1.58	2.15	0.73	0.65	0.11
1980 to 1989.....	18.6	1.51	2.31	0.79	0.59	0.05
1990 to 1999.....	17.3	1.64	2.49	0.85	0.63	0.04
2000 to 2005.....	9.2	0.87	1.29	0.44	0.34	0.02

Total Floorspace (Square Feet)

Fewer than 500.....	3.2	0.18	0.19	0.06	0.10	Q
500 to 999.....	23.8	1.48	1.88	0.64	0.64	0.13
1,000 to 1,499.....	20.8	1.71	2.19	0.75	0.79	0.08
1,500 to 1,999.....	15.4	1.45	1.88	0.64	0.66	0.07
2,000 to 2,499.....	12.2	1.25	1.50	0.51	0.58	0.09
2,500 to 2,999.....	10.3	1.16	1.31	0.45	0.53	0.12
3,000 to 3,499.....	6.7	0.78	0.86	0.30	0.34	0.10
3,500 to 3,999.....	5.2	0.68	0.71	0.24	0.31	0.08
4,000 or More.....	13.3	1.87	2.23	0.76	0.83	0.18

Household Size

1 Person.....	30.0	2.12	2.25	0.77	1.05	0.21
2 Persons.....	34.8	3.36	4.06	1.39	1.46	0.30
3 Persons.....	18.4	1.91	2.44	0.83	0.83	0.17
4 Persons.....	15.9	1.72	2.21	0.75	0.77	0.11

5 Persons.....	7.9	0.92	1.17	0.40	0.43	0.06
6 or More Persons.....	4.1	0.51	0.62	0.21	0.26	0.02
2005 Household Income Category						
Less than \$10,000.....	9.9	0.73	0.78	0.27	0.36	0.07
\$10,000 to \$14,999.....	8.5	0.64	0.74	0.25	0.28	0.08
\$15,000 to \$19,999.....	8.4	0.66	0.80	0.27	0.28	0.07
\$20,000 to \$29,999.....	15.1	1.29	1.52	0.52	0.63	0.08
\$30,000 to \$39,999.....	13.6	1.18	1.56	0.53	0.49	0.09
\$40,000 to \$49,999.....	11.0	1.04	1.28	0.44	0.47	0.08
\$50,000 to \$74,999.....	19.8	1.97	2.47	0.84	0.88	0.14
\$75,000 to \$99,999.....	10.6	1.19	1.44	0.49	0.52	0.13
\$100,000 or More.....	14.2	1.85	2.18	0.74	0.89	0.12
Income Relative to Poverty Line						
Below 100 Percent.....	16.6	1.33	1.50	0.51	0.62	0.13
100 to 150 Percent.....	12.9	1.04	1.33	0.46	0.46	0.08
Above 150 Percent.....	81.5	8.18	9.91	3.38	3.72	0.66
Eligible for Federal Assistance²						
Yes.....	38.6	3.21	3.73	1.27	1.47	0.31
No.....	72.5	7.34	9.02	3.08	3.32	0.55
Payment Method for Utilities						
All Paid by Household.....	97.5	9.49	11.75	4.01	4.27	0.71
Some Paid, Some in Rent.....	7.6	0.58	0.50	0.17	0.29	0.10
All Included in Rent.....	4.7	0.35	0.33	0.11	0.18	0.05
Other Method.....	1.3	0.12	0.17	0.06	0.05	Q
Ethnic Origin of Householder						
Hispanic Descent.....	14.8	1.19	1.43	0.49	0.55	0.11
Non-Hispanic Descent.....	96.3	9.36	11.32	3.86	4.24	0.76
Race of Householder³						
White.....	79.1	7.77	9.45	3.22	3.42	0.67
Hispanic.....	5.0	0.37	0.49	0.17	0.15	0.02
Non-Hispanic.....	74.1	7.40	8.96	3.06	3.27	0.65
Black.....	13.4	1.24	1.48	0.51	0.62	0.07
Hispanic.....	0.3	0.03	0.03	0.01	0.01	Q
Non-Hispanic.....	13.1	1.21	1.45	0.50	0.61	0.07
Asian.....	3.3	0.25	0.28	0.10	0.14	Q
Multi-Racial.....	1.3	0.11	0.15	0.05	0.05	Q
Other.....	7.1	0.61	0.72	0.25	0.28	0.05
Undetermined (Race Reported as Hispar	6.9	0.57	0.67	0.23	0.27	0.06

1 One of five climatically distinct areas, determined according to the 30-year average (1971-2000) of the annual heating and cooling to a climate zone according to the 30-year average annual degree-days for an appropriate nearby weather station.

2 Below 150 percent of poverty line or 60 percent of median state income.

3 Respondents were permitted to select more than one racial category to describe themselves. The "Other" category includes Native Pacific Islanders.

4 Total excludes primary electricity and wood.

5 Kerosene consumption and expenditure estimates could only be calculated for space heating since too few cases in the sample had appliances. Therefore, total estimates for kerosene equal space heating estimates for kerosene.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were

N = No cases in the reporting sample.

(*) Number less than 0.5, 0.05, or 0.005 depending on the number of significant digits in the column, rounded to zero.

Notes: • Because of rounding, data may not sum to totals. • See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A-G of the 2005 Residential Energy

Kerosene ⁵	LPG	Wood
-----------------------	-----	------

0.02 0.52 0.43

(*) 0.07 0.09
 Q 0.02 0.02
 Q 0.05 0.07
 Q 0.18 0.13
 Q 0.11 0.09
 Q 0.07 0.04
 0.01 0.18 0.12
 0.01 0.07 0.06
 Q 0.05 0.03
 N 0.06 0.03
 Q 0.10 0.09
 N 0.06 0.04
 Q 0.04 0.05

Q 0.03 0.05
 Q Q Q
 N 0.02 0.02
 N 0.03 0.03
 0.02 0.43 0.33

(*) 0.04 0.05
 (*) 0.03 0.04
 Q 0.04 0.04
 0.01 0.40 0.30

Q 0.13 0.12
 Q 0.12 0.09
 0.01 0.10 0.10
 Q 0.13 0.07
 Q 0.06 0.05

Fuels Used (million U.S. households)

Natural Gas

A quad is a unit of energy equal to 10¹⁵ (a short-scale quadrillion) BTU

West.....	18.2	53,846,153.85
Mountain	5.5	60,000,000.00
Pacific....	12.7	51,181,102.36

0.01	0.43	0.40
Q	Q	Q
N	Q	Q
Q	0.01	Q
0.01	0.07	0.02

0.01	0.47	0.39
0.01	0.40	0.37
Q	Q	Q
N	Q	Q
N	Q	N
0.01	0.06	0.02
Q	0.06	0.03
Q	0.03	0.03
N	Q	Q
N	Q	Q
Q	0.01	Q
Q	0.01	Q

(*)	0.07	0.10
Q	0.04	0.02
Q	0.03	0.03
Q	0.03	0.04
0.01	0.07	0.09
(*)	0.08	0.06
Q	0.11	0.06
Q	0.08	0.03

Q	0.01	Q
(*)	0.06	0.04
0.01	0.09	0.05
(*)	0.08	0.08
Q	0.06	0.05
Q	0.06	0.06
Q	0.04	0.04
Q	0.04	0.04
Q	0.10	0.08

0.01	0.10	0.06
(*)	0.21	0.17
Q	0.08	0.09
Q	0.08	0.05

Q	0.03	0.03
Q	0.02	0.01
Q	0.03	0.04
(*)	0.03	0.01
Q	0.03	0.03
Q	0.05	0.07
Q	0.06	0.04
Q	0.05	0.05
Q	0.11	0.10
Q	0.05	0.05
Q	0.10	0.04
0.01	0.07	0.06
0.01	0.04	0.05
0.01	0.42	0.32
0.01	0.14	0.13
(*)	0.39	0.29
0.02	0.49	0.42
Q	0.02	Q
Q	Q	Q
N	Q	Q
Q	0.05	0.03
0.02	0.48	0.40
0.01	0.44	0.37
Q	0.02	0.01
0.01	0.42	0.36
(*)	0.04	0.02
N	Q	Q
(*)	0.03	0.02
N	Q	Q
Q	Q	Q
Q	0.03	0.01
N	0.01	0.01

g degree-days. A household is assigned

ive Americans, Native Alaskans, and

had viable data for water heating and

sampled.

ergy Consumption Survey.

Table US2. Total Households by Fuels Used, 2005
Million U.S. Households

	U.S. Households (millions)	Fuels Used (million U.S. households)				
		Electricity ⁴	Natural Gas	Fuel Oil	Kerosene ⁵	LPG
Total	111.1	111.1	69.4	8.4	1.7	12.6
Census Region and Division						
Northeast.....	20.6	20.6	13.6	6.5	0.5	2.0
New England.....	5.5	5.5	2.7	2.5	Q	0.5
Middle Atlantic.....	15.1	15.1	10.9	4.0	0.3	1.4
Midwest.....	25.6	25.6	20.1	0.8	0.3	3.0
East North Central.....	17.7	17.7	14.1	0.7	0.2	1.8
West North Central.....	7.9	7.9	6.0	Q	Q	1.2
South.....	40.7	40.7	17.5	0.7	0.8	5.2
South Atlantic.....	21.7	21.7	7.4	0.6	0.6	2.3
East South Central.....	6.9	6.9	2.9	Q	0.2	1.3
West South Central.....	12.1	12.1	7.1	N	N	1.7
West.....	24.2	24.2	18.2	0.4	Q	2.5
Mountain.....	7.6	7.6	5.5	Q	N	1.3
Pacific.....	16.6	16.6	12.7	0.3	Q	1.2
Four Most Populated States						
New York.....	7.1	7.1	5.3	2.3	Q	1.0
Florida.....	7.0	7.0	1.2	N	Q	Q
Texas.....	8.0	8.0	4.8	N	N	0.8
California.....	12.1	12.1	10.6	Q	N	0.9
All Other States.....	76.9	76.9	47.5	6.1	1.5	9.6
Urban/Rural Location (as Self-Reported)						
City.....	47.1	47.1	33.3	2.6	0.3	1.4
Town.....	19.0	19.0	13.3	1.7	0.2	1.1
Suburbs.....	22.7	22.7	16.9	1.4	0.2	1.6
Rural.....	22.3	22.3	5.9	2.8	0.9	8.4
Climate Zone¹						
Less than 2,000 CDD and--						
Greater than 7,000 HDD.....	10.9	10.9	6.9	1.7	Q	2.1
5,500 to 7,000 HDD.....	26.1	26.1	19.1	3.1	0.6	2.8
4,000 to 5,499 HDD.....	27.3	27.3	17.9	3.3	0.5	2.4
Fewer than 4,000 HDD.....	24.0	24.0	15.8	Q	0.4	3.3
2000 CDD or More and--						
Less than 4,000 HDD.....	22.8	22.8	9.7	Q	Q	2.0

Type of Housing Unit

Single-Family Detached.....	72.1	72.1	46.4	6.0	1.2	9.9
Single-Family Attached.....	7.6	7.6	5.7	0.4	Q	Q
Apartments in 2-4 Unit Buildings.....	7.8	7.8	5.6	0.8	N	Q
Apartments in 5 or More Unit Buildings.....	16.7	16.7	9.5	1.0	Q	0.4
Mobile Homes.....	6.9	6.9	2.1	0.2	0.4	1.9

Ownership of Housing Unit

Owned.....	78.1	78.1	48.7	6.4	1.4	11.1
Single-Family Detached.....	64.1	64.1	41.2	5.5	1.0	9.2
Single-Family Attached.....	4.2	4.2	3.2	0.3	Q	Q
Apartments in 2-4 Unit Buildings.....	1.8	1.8	1.5	0.3	N	Q
Apartments in 5 or More Unit Buildings.....	2.3	2.3	1.0	Q	N	Q
Mobile Homes.....	5.7	5.7	1.8	0.2	0.3	1.7
Rented.....	33.0	33.0	20.6	2.0	0.3	1.5
Single-Family Detached.....	8.0	8.0	5.2	0.5	Q	0.7
Single-Family Attached.....	3.4	3.4	2.5	Q	N	Q
Apartments in 2-4 Unit Buildings.....	5.9	5.9	4.2	0.5	N	Q
Apartments in 5 or More Unit Buildings.....	14.4	14.4	8.5	0.9	Q	0.4
Mobile Homes.....	1.2	1.2	0.4	Q	Q	0.2

Year of Construction

Before 1940.....	14.7	14.7	10.9	2.7	0.3	1.8
1940 to 1949.....	7.4	7.4	5.8	1.0	Q	0.7
1950 to 1959.....	12.5	12.5	9.2	1.5	Q	0.8
1960 to 1969.....	12.5	12.5	8.5	1.0	Q	1.0
1970 to 1979.....	18.9	18.9	10.5	1.1	0.4	1.8
1980 to 1989.....	18.6	18.6	10.2	0.5	0.3	2.3
1990 to 1999.....	17.3	17.3	9.3	0.4	Q	2.7
2000 to 2005.....	9.2	9.2	5.1	0.2	Q	1.4

Total Floorspace (Square Feet)

Fewer than 500.....	3.2	3.2	1.9	Q	Q	0.3
500 to 999.....	23.8	23.8	13.6	1.5	0.2	1.7
1,000 to 1,499.....	20.8	20.8	12.4	0.8	0.4	2.0
1,500 to 1,999.....	15.4	15.4	9.6	0.8	0.2	1.8
2,000 to 2,499.....	12.2	12.2	8.1	0.9	0.2	1.3
2,500 to 2,999.....	10.3	10.3	7.1	1.0	Q	1.4
3,000 to 3,499.....	6.7	6.7	4.2	1.0	Q	1.0
3,500 to 3,999.....	5.2	5.2	3.6	0.7	Q	0.8
4,000 or More.....	13.3	13.3	8.9	1.5	Q	2.3

Household Size

1 Person.....	30.0	30.0	18.3	2.1	0.6	2.7
2 Persons.....	34.8	34.8	21.0	2.8	0.4	4.7
3 Persons.....	18.4	18.4	11.5	1.7	0.3	2.0
4 Persons.....	15.9	15.9	10.3	1.1	Q	2.0
5 Persons.....	7.9	7.9	5.4	0.6	Q	0.8

6 or More Persons.....	4.1	4.1	3.0	0.2	Q	0.5
2005 Household Income Category						
Less than \$10,000.....	9.9	9.9	5.9	0.7	0.3	0.9
\$10,000 to \$14,999.....	8.5	8.5	5.0	0.8	0.3	0.8
\$15,000 to \$19,999.....	8.4	8.4	4.6	0.8	Q	0.9
\$20,000 to \$29,999.....	15.1	15.1	9.1	0.9	0.2	1.6
\$30,000 to \$39,999.....	13.6	13.6	8.1	1.0	Q	1.4
\$40,000 to \$49,999.....	11.0	11.0	7.1	0.8	Q	1.2
\$50,000 to \$74,999.....	19.8	19.8	12.6	1.4	Q	2.3
\$75,000 to \$99,999.....	10.6	10.6	6.4	1.1	Q	1.3
\$100,000 or More.....	14.2	14.2	10.6	0.9	Q	2.1
Income Relative to Poverty Line						
Below 100 Percent.....	16.6	16.6	9.9	1.3	0.4	1.6
100 to 150 Percent.....	12.9	12.9	7.6	0.8	0.4	1.5
Above 150 Percent.....	81.5	81.5	51.9	6.3	0.9	9.5
Eligible for Federal Assistance²						
Yes.....	38.6	38.6	23.1	3.3	0.9	3.9
No.....	72.5	72.5	46.3	5.1	0.8	8.7
Payment Method for Utilities						
All Paid by Household.....	97.5	97.5	58.9	6.8	1.5	11.6
Some Paid, Some in Rent.....	7.6	7.6	6.2	1.0	Q	0.6
All Included in Rent.....	4.7	4.7	3.5	0.5	Q	Q
Other Method.....	1.3	1.3	0.8	Q	N	0.1
Ethnic Origin of Householder						
Hispanic Descent.....	14.8	14.8	9.7	1.1	Q	1.3
Non-Hispanic Descent.....	96.3	96.3	59.7	7.3	1.6	11.3
Race of Householder³						
White.....	79.1	79.1	48.0	6.5	1.2	10.6
Hispanic.....	5.0	5.0	3.0	0.3	Q	0.6
Non-Hispanic.....	74.1	74.1	44.9	6.2	1.2	10.0
Black.....	13.4	13.4	8.6	0.7	0.4	0.8
Hispanic.....	0.3	0.3	0.3	Q	N	Q
Non-Hispanic.....	13.1	13.1	8.4	0.6	0.4	0.8
Asian.....	3.3	3.3	2.5	Q	N	Q
Multi-Racial.....	1.3	1.3	0.9	Q	Q	Q
Other.....	7.1	7.1	5.2	0.5	Q	0.6
Undetermined (Race Reported as Hispanic).....	6.9	6.9	4.3	0.6	N	0.4

1 One of five climatically distinct areas, determined according to the 30-year average (1971-2000) of the annual heating and cooling degree household is assigned to a climate zone according to the 30-year average annual degree-days for an appropriate nearby weather station.

2 Below 150 percent of poverty line or 60 percent of median state income.

3 Data for race of householder are based on the 2005 Census of the United States, which uses the following categories: White, Black, Asian, Multi-Racial, and Other.

3 Respondents were permitted to select more than one racial category to describe themselves. The "Other" category includes Native American, Alaska Natives, and Pacific Islanders.

4 The RECS cannot be used to accurately estimate the number of households that do not use electricity.

5 Kerosene consumption and expenditure estimates could only be calculated for space heating since too few cases in the sample had viable water heating and appliances. Therefore, total estimates for kerosene equal space heating estimates for kerosene.

Notes: • See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A-G of the 2005 Residential Energy Consumption Survey.

Wood

14.4

1.8

0.6

1.1

3.7

2.2

1.5

5.0

2.6

0.9

1.5

4.0

1.4

2.6

0.6

Q

1.0

1.7

10.9

3.6

1.8

2.5

6.5

2.4

2.6

3.6

3.5

2.2

13.0
0.4
Q
Q
0.7

13.3
12.3
0.3
Q
Q
0.6
1.1
0.8
Q
Q
Q
Q

2.2
0.8
1.1
1.5
2.6
2.9
2.8
0.7

Q
1.1
1.9
2.2
2.2
2.0
1.3
0.7
3.0

2.6
5.3
2.9
2.5
0.8

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1.5

1.7

2.9

1.9

2.7

1.3

1.0

12.2

3.3

11.1

13.9

0.3

Q

0.1

1.1

13.3

12.2

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0.9

Q

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Q

Q

0.7

0.4

days. A

...

ricans, Native

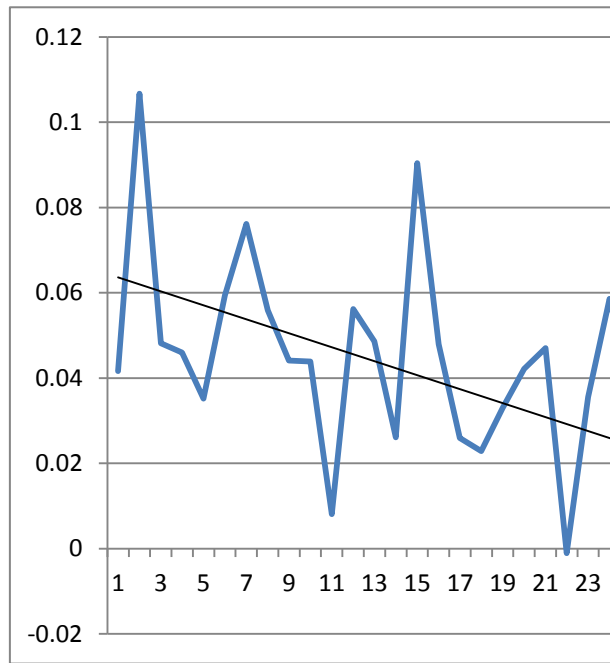
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nsumption

Telephone Expenditures

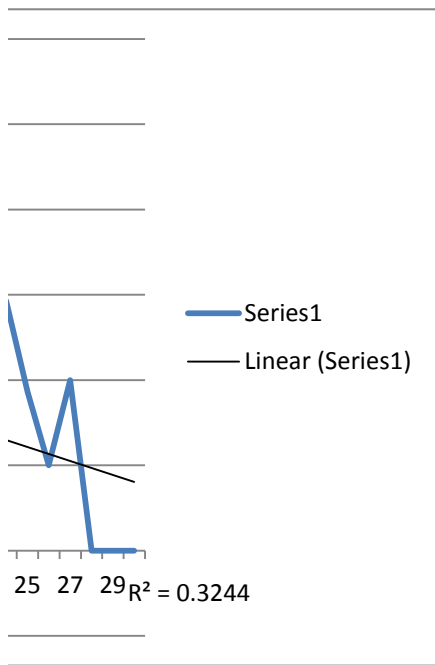
1981	\$17,558	360	
1982	18,071	375	4.2%
1983	19,692	415	10.7%
1984	21,975	435	4.8%
1985	23,490	455	4.6%
1986	23,866	471	3.5%
1987	24,414	499	5.9%
1988	25,892	537	7.6%
1989	27,810	567	5.6%
1990	28,381	592	4.4%
1991	29,614	618	4.4%
1992	29,846	623	0.8%
1993	30,692	658	5.6%
1994	31,731	690	4.9%
1995	32,264	708	2.6%
1996	33,797	772	9.0%
1997	34,819	809	4.8%
1998	35,535	830	2.6%
1999	36,995	849	2.3%
2000	38,045	877	3.3%
2001	39,518	914	4.2%
2002	40,677	957	4.7%
2003	40,817	956	-0.1%
2004	43,395	990	3.6%
2005	46,409	1,048	5.9%
2006	48,398	1,087	3.7%
		1,127	2.0%
		1,150	4.0%

2006
Res/mon
Com/mon



40.67

69.18 0.587887



CPI - All Products - US City Average - Chained

Year	Index	% Change	Moving 5yr
Dec-99	100		
Dec-00	102	2.0%	
Dec-01	104.3	2.3%	
Dec-02	105.6	1.2%	
Dec-03	107.8	2.1%	
Dec-04	110.5	2.5%	2.0%
Dec-05	113.6	2.8%	2.2%

*Use for Sales Tax revenue

CPI - Educ. & Comm. - US City Average - Chained

Year	Index	% Change	Moving 5yr
Dec-99	100		
Dec-00	98.5	-1.5%	
Dec-01	97.5	-1.0%	
Dec-02	98.4	0.9%	
Dec-03	99.3	0.9%	
Dec-04	100.4	1.1%	0.1%
Dec-05	101.6	1.2%	0.6%

*Use for Telecommunication Franchise Tax

Construction Cost Index (ENR)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
2000	6130	6160	6202	6201	6233	6238	6225	6233
2001	6281	6272	6279	6286	6288	6318	6404	6389
2002	6462	6462	6502	6480	6512	6532	6605	6592
2003	6581	6640	6627	6635	6642	6694	6695	6733
2004	6825	6862	6957	7017	7065	7109	7126	7188
2005	7297	7298	7309	7355	7398	7415	7422	7479
2006	7660	7689	7692	7695	7691	7700	7721	7722
2007	7880	7880	7856	7865	7942	7939	7959	8007
2008	8090	8094	8109	8112	8141	8185	8293	8362
2009	8549	8533	8534	8528	8574	8578		

CPI - Energy - US City Average - Chained

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
1999								
2000	100.2	103.7	108.9	107.8	108	115.3	115.4	111.9
2001	116.8	116.4	114.4	117.5	123.7	124.7	117.4	114.8
2002	98.6	97.8	101.9	107.9	108.5	110.4	110.9	111.2
2003	112.4	118.9	125.4	121.5	118.1	120.6	120.9	124.4
2004	121.3	123.9	125.6	128	135.1	140.3	137.2	136.2

2005	132.9	135.6	140.2	148.7	147.4	149.3	155.4	162.7
2006	162.1	159.2	160.7	171.7	178.6	180.6	183.8	183.6
2007	156.594	157.164	167.868	176.806	186.784	188.536	185.347	178.739
2008	187.566(U)	187.493(U)	196.552(U)	204.463(U)	217.985(U)	233.348(U)	238.177(U)	226.824(U)
2009	146.297(I)	150.780(I)	149.828(I)	152.229(I)	158.689			

<http://data.bls.gov/PDQ/servlet/SurveyOutputServlet;jsessionid=a2301efae9556685055>

U : Interim

I : Initial

Series Id: SUUR0000SAE

Not Seasonally Adjusted

Area: U.S. city average

Item: Education and communication

Base Period: DECEMBER 1999=100

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
1999								
2000	100.2	99.5	99	98.6	98.4	97.5	97.7	98
2001	97.6	97.4	97.4	97	96.7	96.7	97	97.7
2002	97.9	98	97.4	96.9	97	97.3	97.9	99.3
2003	99.8	99.9	99.5	99	98.5	97.9	98.1	99.4
2004	100.2	100.3	100.1	99.7	99.4	99.6	99.5	100.6
2005	101.2	101.2	101.2	101.3	101	100.9	100.9	101.7
2006	103.2	103.2	103.2	103.3	103.1	103.3	103.5	104.5
2007	103.983	104.081	104.222	104.344	104.582	104.343	104.433	105.636
2008	106.415(U)	106.421(U)	106.468(U)	106.639(U)	106.819(U)	107.183(U)	107.690(U)	108.593(U)
2009	109.680(I)	109.693(I)	109.639(I)	109.709(I)	109.795			

U : Interim

I : Initial

<http://data.bls.gov/PDQ/servlet/SurveyOutputServlet;jsessionid=a23015621e04711184c4>

SEP	OCT	NOV	DEC	ANNUAL AVERAGE	Increase
6224	6259	6266	6283	6221	2.5%
6391	6397	6410	6390	6343	1.7%
6589	6579	6578	6563	6538	1.6%
6741	6771	6794	6782	6694	3.1%
7298	7314	7312	7308	7115	7.1%
7540r	7563	7630	7647	7446	4.8%
7763	7883	7911	7888	7751	3.0%
8050	8045	8092	8089	7966	2.7%
8557	8623	8602	8551	8310	5.7%
					0.3%

3.6%

3.3%

Sep	Oct	Nov	Dec	Annual	
			100		
115.9	114	113.4	112.6	110.6	10.6%
117.9	108.7	102.6	98.3	114.4	3.4%
111.4	110.7	110.3	108.6	107.4	-6.1%
128	120.9	117.4	116.4	120.4	12.1%
135.5	138.1	138.5	134.4	132.8	10.3%

180	175.4	160.8	154.5	153.6
170.3	154.9	154	158.1	168.1
179.114	177.403	187.115	185.912	177.282
219.633(U)	198.080(U)	161.236(U)	142.529(U)	201.157

15.7%
9.4%
5.5%
13.5% 8.3%
-21.1%

Sep	Oct	Nov	Dec	Annual
			100	
98.3	98.7	98	98	98.5
98.3	98.5	98.3	97.9	97.5
100	99.9	99.6	99.5	98.4
100.2	100	99.8	99.9	99.3
101.8	101.3	101.4	101.2	100.4
103.3	103.1	103.1	103	101.8
105.4	105.1	104.5	104.2	103.9
106.478	106.509	106.114	106.207	105.078
109.184(U)	109.317(U)	109.369(U)	109.496(U)	107.799

-1.5%
-1.0%
0.9%
0.9%
1.1%
1.4%
2.1%
1.1%
2.6% 0.8%
1.9%

UTAH CODE TITLE 59, CHAPTER 1
SALES & USE TAX ACT
COMBINED SALES AND USE TAX RA
Tax Rates Subject to Streamline Sales Ta
OTHER TAXES APPLY TO CERTAIN TRANS
Rates In effect as of July 1, 2009

Please see instructions below

Location	Cnty/ City	Code for P.S.D.				
	Code		ST*	LS	MT	MA
Beaver County	01-000	01-000	4.70% *	1.00%		
Beaver City	01-002	01-002	4.70% *	1.00%		
Milford	01-008	01-000	4.70% *	1.00%		
Minersville	01-009	01-000	4.70% *	1.00%		
Box Elder County	02-000	02-000	4.70% *	1.00%		
Bear River	02-004	02-000	4.70% *	1.00%		
Brigham	02-017	02-017	4.70% *	1.00%	0.30%	0.25%
Corinne	02-025	02-000	4.70% *	1.00%		
Deweyville	02-032	02-000	4.70% *	1.00%		
Elwood	02-035	02-000	4.70% *	1.00%		
Fielding	02-041	02-000	4.70% *	1.00%		
Garland	02-044	02-000	4.70% *	1.00%		
Honeyville	02-054	02-000	4.70% *	1.00%		
Howell	02-057	02-000	4.70% *	1.00%		
Mantua	02-069	02-000	4.70% *	1.00%		
Perry	02-086	02-086	4.70% *	1.00%	0.30%	0.25%
Plymouth	02-090	02-000	4.70% *	1.00%		
Portage	02-092	02-000	4.70% *	1.00%		
Snowville	02-100	02-100	4.70% *	1.00%		
Tremonton	02-113	02-000	4.70% *	1.00%		
Willard	02-120	02-120	4.70% *	1.00%	0.30%	0.25%
Cache County	03-000	03-000	4.70% *	1.00%		
Amalga	03-001	03-000	4.70% *	1.00%		
Clarkston	03-014	03-000	4.70% *	1.00%		
Cornish	03-017	03-000	4.70% *	1.00%		
Hyde Park	03-032	03-032	4.70% *	1.00%	0.25%	
Hyrum	03-033	03-033	4.70% *	1.00%	0.30%	
Lewiston	03-036	03-036	4.70% *	1.00%	0.25%	
Logan	03-038	03-038	4.70% *	1.00%	0.30%	
Mendon	03-041	03-000	4.70% *	1.00%		
Millville	03-044	03-044	4.70% *	1.00%	0.25%	

Newton	03-047	03-000	4.70% *	1.00%		
North Logan	03-049	03-049	4.70% *	1.00%	0.30%	
Paradise	03-053	03-000	4.70% *	1.00%		
Providence	03-056	03-056	4.70% *	1.00%	0.30%	
Richmond	03-059	03-059	4.70% *	1.00%	0.30%	
River Heights	03-060	03-060	4.70% *	1.00%	0.30%	
Smithfield	03-062	03-062	4.70% *	1.00%	0.30%	
Wellsville	03-076	03-000	4.70% *	1.00%		
Trenton	03-081	03-000	4.70% *	1.00%		
Nibley	03-098	03-098	4.70% *	1.00%	0.30%	
Cache Vallt (a)	03-900	03-900	4.70% *	1.00%	0.25%	
Carbon County	04-000	04-000	4.70% *	1.00%		
Helper	04-016	04-000	4.70% *	1.00%		
Price	04-035	04-035	4.70% *	1.00%		
Scofield	04-040	04-000	4.70% *	1.00%		
Sunnyside	04-046	04-000	4.70% *	1.00%		
Wellington	04-053	04-053	4.70% *	1.00%		
East Carbon	04-058	04-000	4.70% *	1.00%		
Daggett County	05-000	05-000	4.70% *	1.00%		
Manila	05-006	05-000	4.70% *	1.00%		
Davis County	06-000	06-000	4.70% *	1.00%	0.25%	0.25%
Bountiful	06-004	06-004	4.70% *	1.00%	0.25%	0.25%
Centerville	06-006	06-006	4.70% *	1.00%	0.25%	0.25%
Clearfield	06-008	06-000	4.70% *	1.00%	0.25%	0.25%
Fruit Heights	06-010	06-000	4.70% *	1.00%	0.25%	0.25%
Farmington	06-017	06-000	4.70% *	1.00%	0.25%	0.25%
Kaysville	06-026	06-000	4.70% *	1.00%	0.25%	0.25%
Layton	06-030	06-000	4.70% *	1.00%	0.25%	0.25%
North Salt Lake	06-035	06-000	4.70% *	1.00%	0.25%	0.25%
South Weber	06-045	06-000	4.70% *	1.00%	0.25%	0.25%
Sunset	06-048	06-000	4.70% *	1.00%	0.25%	0.25%
Syracuse	06-049	06-000	4.70% *	1.00%	0.25%	0.25%
West Point	06-056	06-000	4.70% *	1.00%	0.25%	0.25%
Woods Cross	06-057	06-057	4.70% *	1.00%	0.25%	0.25%
Clinton	06-059	06-000	4.70% *	1.00%	0.25%	0.25%
West Bountiful	06-061	06-061	4.70% *	1.00%	0.25%	0.25%
Duchesne County	07-000	07-000	4.70% *	1.00%		
Altamont	07-001	07-000	4.70% *	1.00%		
Duchesne City	07-008	07-008	4.70% *	1.00%		
Myton	07-017	07-000	4.70% *	1.00%		
Roosevelt	07-019	07-019	4.70% *	1.00%		
Tabiona	07-020	07-000	4.70% *	1.00%		

Emery County	08-000	08-000	4.70% *	1.00%		
Castle Dale	08-001	08-000	4.70% *	1.00%		
Clawson	08-003	08-000	4.70% *	1.00%		
Cleveland	08-004	08-000	4.70% *	1.00%		
Elmo	08-007	08-000	4.70% *	1.00%		
Emery City	08-008	08-000	4.70% *	1.00%		
Ferron	08-009	08-000	4.70% *	1.00%		
Green River	08-011	08-011	4.70% *	1.00%		
Huntington	08-012	08-000	4.70% *	1.00%		
Orangeville	08-016	08-000	4.70% *	1.00%		
Garfield County	09-000	09-000	4.70% *	1.00%		
Antimony	09-001	09-000	4.70% *	1.00%		
Boulder	09-002	09-002	4.70% *	1.00%		
Bryce Canyon	09-003	09-003	4.70% *	1.00%		
Cannonville	09-004	09-000	4.70% *	1.00%		
Escalante	09-005	09-000	4.70% *	1.00%		
Hatch	09-006	09-000	4.70% *	1.00%		
Henrieville	09-008	09-000	4.70% *	1.00%		
Panguitch	09-011	09-011	4.70% *	1.00%		
Tropic	09-015	09-015	4.70% *	1.00%		
Grand County	10-000	10-000	4.70% *	1.00%		
Castle Valley	10-005	10-000	4.70% *	1.00%		
Moab	10-011	10-011	4.70% *	1.00%		
Iron County	11-000	11-000	4.70% *	1.00%		
Cedar City	11-003	11-003	4.70% *	1.00%		
Enoch	11-005	11-000	4.70% *	1.00%		
Kanarrville	11-012	11-000	4.70% *	1.00%		
Paragonah	11-018	11-000	4.70% *	1.00%		
Parowan	11-019	11-000	4.70% *	1.00%		
Brian Head	11-028	11-028	4.70% *	1.00%		
Juab County	12-000	12-000	4.70% *	1.00%		
Eureka	12-009	12-000	4.70% *	1.00%		
Levan	12-019	12-000	4.70% *	1.00%		
Mona	12-024	12-000	4.70% *	1.00%		
Nephi	12-026	12-026	4.70% *	1.00%		
Rocky Ridge Town	12-030	12-000	4.70% *	1.00%		
Kane County	13-000	13-000	4.70% *	1.00%		
Alton	13-001	13-000	4.70% *	1.00%		
Glendale	13-002	13-000	4.70% *	1.00%		
Kanab	13-004	13-004	4.70% *	1.00%		
Orderville	13-007	13-007	4.70% *	1.00%		
Big Water	13-010	13-000	4.70% *	1.00%		

Millard County	14-000	14-000	4.70% *	1.00%		
Delta	14-010	14-000	4.70% *	1.00%		
Fillmore	14-014	14-000	4.70% *	1.00%		
Hinckley	14-023	14-000	4.70% *	1.00%		
Holden	14-024	14-000	4.70% *	1.00%		
Kanosh	14-026	14-000	4.70% *	1.00%		
Leamington	14-028	14-000	4.70% *	1.00%		
Lynndyl	14-030	14-000	4.70% *	1.00%		
Meadow	14-034	14-000	4.70% *	1.00%		
Oak City	14-037	14-000	4.70% *	1.00%		
Scipio	14-040	14-000	4.70% *	1.00%		
Morgan County	15-000	15-000	4.70% *	1.00%		
Morgan City	15-007	15-000	4.70% *	1.00%		
Piute County	16-000	16-000	4.70% *	1.00%		
Circleville	16-003	16-000	4.70% *	1.00%		
Junction	16-005	16-000	4.70% *	1.00%		
Kingston	16-006	16-000	4.70% *	1.00%		
Marysvale	16-007	16-000	4.70% *	1.00%		
Rich County	17-000	17-000	4.70% *	1.00%		
Garden City	17-001	17-001	4.70% *	1.00%		
Laketown	17-002	17-000	4.70% *	1.00%		
Randolph	17-005	17-000	4.70% *	1.00%		
Woodruff	17-010	17-000	4.70% *	1.00%		
Salt Lake County	18-000	18-000	4.70% *	1.00%	0.30%	0.25%
Alta	18-003	18-003	4.70% *	1.00%	0.30%	0.25%
Bluffdale	18-019	18-000	4.70% *	1.00%	0.30%	0.25%
Cottonwood Heights	18-020	18-000	4.70% *	1.00%	0.30%	0.25%
Draper	18-039	18-000	4.70% *	1.00%	0.30%	0.25%
Herriman	18-060	18-000	4.70% *	1.00%	0.30%	0.25%
Holladay	18-065	18-000	4.70% *	1.00%	0.30%	0.25%
Midvale	18-093	18-000	4.70% *	1.00%	0.30%	0.25%
Murray	18-096	18-000	4.70% *	1.00%	0.30%	0.25%
Riverton	18-118	18-000	4.70% *	1.00%	0.30%	0.25%
Salt Lake City	18-122	18-000	4.70% *	1.00%	0.30%	0.25%
Sandy	18-131	18-000	4.70% *	1.00%	0.30%	0.25%
South Jordan	18-138	18-000	4.70% *	1.00%	0.30%	0.25%
South Salt Lake	18-139	18-000	4.70% *	1.00%	0.30%	0.25%
Taylorsville	18-142	18-000	4.70% *	1.00%	0.30%	0.25%
West Jordan	18-155	18-000	4.70% *	1.00%	0.30%	0.25%
West Valley City	18-167	18-000	4.70% *	1.00%	0.30%	0.25%
San Juan County	19-000	19-000	4.70% *	1.00%		

Blanding	19-002	19-002	4.70% *	1.00%		
Monticello	19-009	19-009	4.70% *	1.00%		
Sanpete County	20-000	20-000	4.70% *	1.00%		
Centerfield	20-004	20-000	4.70% *	1.00%		
Ephraim	20-008	20-008	4.70% *	1.00%		
Fairview	20-009	20-000	4.70% *	1.00%		
Fayette	20-010	20-000	4.70% *	1.00%		
Fountain Green	20-011	20-000	4.70% *	1.00%		
Gunnison	20-014	20-014	4.70% *	1.00%		
Manti	20-020	20-000	4.70% *	1.00%		
Mayfield	20-021	20-000	4.70% *	1.00%		
Moroni	20-023	20-000	4.70% *	1.00%		
Mt. Pleasant	20-024	20-024	4.70% *	1.00%		
Spring City	20-031	20-000	4.70% *	1.00%		
Sterling	20-032	20-000	4.70% *	1.00%		
Wales	20-033	20-000	4.70% *	1.00%		
Sevier County	21-000	21-000	4.70% *	1.00%		
Annabella	21-001	21-000	4.70% *	1.00%		
Aurora	21-002	21-002	4.70% *	1.00%		
Central Valley	21-007	21-000	4.70% *	1.00%		
Elsinore	21-014	21-000	4.70% *	1.00%		
Glenwood	21-018	21-000	4.70% *	1.00%		
Joseph	21-025	21-000	4.70% *	1.00%		
Koosharem	21-029	21-000	4.70% *	1.00%		
Monroe	21-031	21-000	4.70% *	1.00%		
Redmond	21-033	21-033	4.70% *	1.00%		
Richfield	21-034	21-034	4.70% *	1.00%		
Salina	21-035	21-035	4.70% *	1.00%		
Sigurd	21-038	21-000	4.70% *	1.00%		
Summit County	22-000	22-000	4.70% *	1.00%		
Coalville	22-006	22-000	4.70% *	1.00%		
Francis	22-013	22-000	4.70% *	1.00%		
Henefer	22-017	22-000	4.70% *	1.00%		
Kamas	22-022	22-000	4.70% *	1.00%		
Oakley	22-029	22-000	4.70% *	1.00%		
Park City	22-030	22-030	4.70% *	1.00%	0.30%	
Snyderville (a)	22-900	22-900	4.70% *	1.00%	0.30%	
Tooele County	23-000	23-000	4.70% *	1.00%		
Erda (a)	23-017	23-017	4.70% *	1.00%	0.30%	
Grantsville	23-023	23-023	4.70% *	1.00%	0.30%	
Lakepoint (a)	23-030	23-030	4.70% *	1.00%	0.30%	
Lincoln (a)	23-065	23-065	4.70% *	1.00%	0.30%	
Ophir	23-037	23-000	4.70% *	1.00%		

Stockton	23-046	23-000	4.70% *	1.00%		
Tooele City	23-048	23-048	4.70% *	1.00%	0.30%	
Vernon	23-050	23-000	4.70% *	1.00%		
Wendover	23-052	23-000	4.70% *	1.00%		
Rush Valley	23-056	23-000	4.70% *	1.00%		
Stansbury I (a)	23-066	23-066	4.70% *	1.00%	0.30%	
Uintah County	24-000	24-000	4.70% *	1.00%		
Naples	24-014	24-014	4.70% *	1.00%		
Vernal	24-024	24-024	4.70% *	1.00%		
Ballard	24-028	24-000	4.70% *	1.00%		
Utah County	25-000	25-000	4.70% *	1.00%		
Alpine	25-001	25-001	4.70% *	1.00%	0.25%	
American Fork	25-002	25-002	4.70% *	1.00%	0.25%	
Cedar Fort	25-019	25-000	4.70% *	1.00%		
Draper City South	25-029	25-000	4.70% *	1.00%		
Eagle Mountain	25-030	25-000	4.70% *	1.00%	0.25%	
Fairfield	25-035	25-000	4.70% *	1.00%		
Genola	25-038	25-000	4.70% *	1.00%		
Goshen	25-043	25-000	4.70% *	1.00%		
Lehi	25-066	25-066	4.70% *	1.00%	0.25%	
Lindon	25-070	25-070	4.70% *	1.00%	0.25%	
Mapleton	25-073	25-073	4.70% *	1.00%	0.25%	
Orem	25-083	25-083	4.70% *	1.00%	0.25%	
Payson	25-085	25-085	4.70% *	1.00%	0.25%	
Pleasant Grove	25-088	25-088	4.70% *	1.00%	0.25%	
Provo	25-090	25-090	4.70% *	1.00%	0.25%	
Provo Cany (a)	25-093	25-093	4.70% *	1.00%	0.25%	
Salem	25-096	25-096	4.70% *	1.00%	0.25%	
Santaquin	25-097	25-000	4.70% *	1.00%		
Saratoga Springs	25-098	25-098	4.70% *	1.00%	0.25%	
Highland	25-099	25-099	4.70% *	1.00%	0.25%	
Spanish Fork	25-103	25-103	4.70% *	1.00%	0.25%	
Springville	25-106	25-106	4.70% *	1.00%	0.25%	
Vineyard	25-117	25-000	4.70% *	1.00%		
Cedar Hills	25-123	25-123	4.70% *	1.00%	0.25%	
Elk Ridge	25-124	25-000	4.70% *	1.00%		
Woodland Hills	25-125	25-000	4.70% *	1.00%		
Wasatch County	26-000	26-000	4.70% *	1.00%		
Charleston	26-003	26-000	4.70% *	1.00%		
Daniel	26-005	26-000	4.70% *	1.00%		
Heber	26-008	26-008	4.70% *	1.00%		
Independence	26-009	26-009	4.70% *	1.00%		
Midway	26-011	26-011	4.70% *	1.00%		
Park City East	26-013	26-013	4.70% *	1.00%	0.30%	

Wallsburg	26-014	26-013	4.70% *	1.00%		
Hideout	26-020	26-000	4.70% *	1.00%		
Washington County	27-000	27-000	4.70% *	1.00%		
Apple Valley	27-002	27-000	4.70% *	1.00%		
Enterprise	27-005	27-000	4.70% *	1.00%		
Hurricane	27-008	27-008	4.70% *	1.00%		
Ivins	27-010	27-010	4.70% *	1.00%		
La Verkin	27-011	27-011	4.70% *	1.00%		
Leeds	27-012	27-000	4.70% *	1.00%		
New Harmony	27-015	27-000	4.70% *	1.00%		
Rockville	27-019	27-000	4.70% *	1.00%		
St George	27-020	27-020	4.70% *	1.00%		
Santa Clara	27-021	27-021	4.70% *	1.00%		
Springdale	27-023	27-023	4.70% *	1.00%		
Toquerville	27-024	27-000	4.70% *	1.00%		
Virgin	27-026	27-000	4.70% *	1.00%		
Washington City	27-027	27-027	4.70% *	1.00%		
Hildale	27-035	27-000	4.70% *	1.00%		
Wayne County	28-000	28-000	4.70% *	1.00%		
Bicknell	28-001	28-000	4.70% *	1.00%		
Hanksville	28-005	28-000	4.70% *	1.00%		
Loa	28-007	28-000	4.70% *	1.00%		
Lyman	28-008	28-000	4.70% *	1.00%		
Torrey	28-010	28-000	4.70% *	1.00%		
Weber County	29-000	29-000	4.70% *	1.00%	0.25%	0.25%
Farr West	29-012	29-000	4.70% *	1.00%	0.25%	0.25%
Harrisville	29-016	29-000	4.70% *	1.00%	0.25%	0.25%
Hooper	29-018	29-000	4.70% *	1.00%	0.25%	0.25%
Huntsville	29-019	29-000	4.70% *	1.00%	0.25%	0.25%
Marriott-Slaterville	29-022	29-000	4.70% *	1.00%	0.25%	0.25%
North Ogden	29-026	29-000	4.70% *	1.00%	0.25%	0.25%
Ogden	29-027	29-000	4.70% *	1.00%	0.25%	0.25%
Plain City	29-030	29-000	4.70% *	1.00%	0.25%	0.25%
Pleasant View	29-031	29-000	4.70% *	1.00%	0.25%	0.25%
Riverdale	29-036	29-036	4.70% *	1.00%	0.25%	0.25%
Roy	29-037	29-000	4.70% *	1.00%	0.25%	0.25%
South Ogden	29-040	29-000	4.70% *	1.00%	0.25%	0.25%
Uintah	29-043	29-000	4.70% *	1.00%	0.25%	0.25%
Washington Terrace	29-049	29-000	4.70% *	1.00%	0.25%	0.25%
West Haven	29-051	29-000	4.70% *	1.00%	0.25%	0.25%

INSTRUCTIONS:

The combined sales rate for the various localities in this section applies to all taxable sales in the state. O

* The tax on food and food ingredients is 3.0% statewide. This includes the state rate of 1.75%, l

For sales of residential energy, the combined rate is reduced by 2.70%.

COMMENTS:

Changes to combined sales and use tax rates with an effective date of 07/01/2009

<u>Location</u>	<u>County</u> <u>City</u> <u>Code</u>	<u>Rate</u>	<u>Rate</u>	<u>Tax</u> <u>Type</u>
Monticello	19-009		0.30% †	Highways
Monticello	19-009		0.10% †	Arts & zoo
Eagle Mountain	25-030		0.25% †	Public Transit

† New Tax

								0.25%
								0.25%
								0.25%
								0.25%
							0.30%	0.25%
							0.30%	0.25%
							0.30%	0.25%
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	0.25%	0.05%			0.10%			0.25%
	0.25%	0.05%			0.10%			0.25%
	0.25%	0.05%			0.10%			0.25%
	0.25%	0.05%			0.10%			0.25%
	0.25%	0.05%			0.10%			0.25%
	0.25%	0.05%			0.10%			0.25%
	0.25%	0.05%			0.10%			0.25%
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	0.25%	0.05%			0.10%			0.25%
	0.25%	0.05%			0.10%			0.25%

Other taxes and fees, such as transient room, short-term vehicle leasing, restaurant, telecommunications at local option rate of 1.0% and county option rate of 0.25%.

MZ = Botanical, Cultural, Zoo Tax
(Municipality)

HT = Highways Tax

CO = County Option Sales Tax

TO = Town Option Tax

TN = City or Town Option Tax

RR = Resort Community Tax

RA = Add'l Resort Comm. Tax

(a) Taxing entity is not an incorporated city or town

*See instructions below.

TO	TN	RR	RA	Combined Sales Rate
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				5.95%
				6.95%
				5.95%
				5.95%

				5.95%
				5.95%
				6.50%
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1.00%				6.95%
				5.95%
				6.50%

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		1.00%	0.50%	7.75%
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		1.00%		7.95%
		1.10%		8.05%
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		1.00%		7.95%
		1.00%		7.95%

				5.95%
				5.95%
		1.10%	0.50%	7.85%

				5.95%
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				5.95%
				5.95%
		1.00%	0.50%	7.85%

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				6.25%
				5.95%

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		1.00%		7.95%
		1.00%		7.95%
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		1.00%		6.95%
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				6.85%
		1.00%	0.50%	8.35%
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		1.10%		7.45%
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		1.10%		7.05%
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				6.25%
		1.10%	0.50%	7.55%
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	0.20%			7.05%
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nd municipal energy are in addition to the combined rate.

