

PRELIMINARY REPORT
SUPERCONDUCTING SUPER COLLIDER PROJECT
ITEMS 2.7.1 THROUGH 2.7.10

prepared for

The Kansas Department of Commerce

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Introduction

This is the preliminary report for the portion of the State of Kansas' bid to the Federal government for the superconducting super-collider (SSC) that was prepared at the Institute for Public Policy and Business Research (IPPBR) at the University of Kansas. The preliminary report includes tables presenting the data sets collected at IPPBR. As a preliminary report this document is subject to revision. The final report will contain the following additional information: descriptive narratives of the data sets, graphs where appropriate, discussions of capacity and adequacy of regional schools, social services, police and fire departments, complete documentation of sources of data, and a discussion of the process involved in the compilation of the data sets. It is intended that the information in the final report can serve as a guide to the future preparation of similar proposals.

2.7.1 Summary of historical employment trends by standard industrial classification for each of the counties within the area of site influence.

Table 2.7.1.1 Employment by industry, 1976-1985.

Shawnee County Employment by Industry										
SIC class	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Ag Services	216	231	242	253	265	305	393	442	553	595
Farm	1251	1245	1310	1360	1407	1355	1382	1357	1325	1334
Mining	193	203	249	237	254	280	327	348	425	434
Contract Const.	3863	4208	4624	4635	4422	3958	3835	3934	4414	4483
Manufacturing	9566	10486	10725	10797	10155	9932	9285	9021	9863	9900
Transportation	6661	7136	7654	7778	7862	7890	7658	7532	7769	7907
Wholesale Trade	4445	4855	5059	5209	5450	5062	4842	4785	5083	5163
Retail Trade	13720	13909	14480	14315	14387	14612	14210	14333	15078	15248
Finance	7288	7181	7229	7889	8119	8139	8167	8224	8253	8356
Services	19069	19846	21008	21143	21637	22285	22727	23483	24285	24887
Government	19120	19465	20127	20078	20700	20736	20509	20108	21082	21332
Total	85392	88765	92707	93694	94658	94554	93335	93567	98130	98305

Douglas County Employment by Industry

SIC class	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Ag Services	114	104	85	85	102	109	115	123	133	138
Farm	1157	1151	1082	1089	1104	1095	1095	1086	1065	1071
Mining	44	44	56	49	55	65	79	89	94	100
Contract Const.	1931	2557	2299	2194	1631	1294	1211	1344	1486	1430
Manufacturing	3715	3671	4062	4847	4883	4714	4500	4441	4510	4609
Transportation	1101	1173	1332	1366	1334	1312	1223	1176	1187	1198
Wholesale Trade	798	878	908	721	743	799	764	735	800	800
Retail Trade	5213	5457	5866	5981	5924	5830	5999	6190	6499	6660
Finance	1253	1441	1538	1600	1633	1678	1706	1709	1767	1831
Services	5342	5740	6235	6597	6764	6964	7089	7265	7867	8184
Government	9132	9455	9908	9676	9738	9395	9634	9663	9713	9786
Total	29800	31671	33371	34205	33911	33255	33415	33821	35121	35807

Franklin County Employment by Industry

SIC class	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Ag Services	59	65	65	61	61	59	42	44	48	47
Farm	1436	1425	1305	1309	1325	1317	1314	1304	1281	1262
Mining	95	105	119	143	204	250	265	304	362	395
Contract Const.	507	469	517	522	484	401	395	476	453	426
Manufacturing	1382	1644	1872	2051	1879	1957	1739	1603	1585	1610
Transportation	338	352	371	386	373	351	368	373	392	399
Wholesale Trade	358	565	648	615	620	590	628	688	324	325
Retail Trade	1517	1687	1633	1604	1508	1493	1394	1362	1364	1302
Finance	378	394	416	434	444	462	428	449	479	492
Services	1586	1510	1586	1638	1673	1602	1584	1642	1758	1779
Government	1311	1343	1403	1441	1488	1511	1554	1440	1479	1500
Total	8967	9559	9935	10204	10059	9993	9711	9685	9525	9537

Osage County Employment by Industry

SIC class	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Ag Services	D	D	D	D	49	58	66	7	76	83
Farm	1209	1203	1153	1155	1165	1162	1157	1149	1129	1120
Mining	D	D	D	D	D	D	D	26	18	22
Contract Const.	227	250	239	245	224	193	177	221	235	243
Manufacturing	386	584	588	362	357	377	338	318	245	340
Transportation	281	242	347	373	385	375	283	216	221	213
Wholesale Trade	158	159	175	D	D	D	D	173	174	178
Retail Trade	770	772	796	821	783	761	821	836	842	855
Finance	207	196	193	217	238	246	249	253	257	263
Services	727	801	840	876	829	877	845	879	897	912
Government	839	843	855	906	956	975	967	956	992	1011
Total	4874	5214	5248	5221	5220	5248	5108	5097	5186	5240

D means that the data has been withheld to avoid disclosure of information about a particular firm.

Source:

U.S. Department of Commerce-Bureau of Economic Analysis

Compilation by Kenneth R. Brooks
 Landscape Architecture Dept.
 College of Architecture and Design
 Manhattan, KS 66502

2.7.2 Summary of historical unemployment rates for the counties within the area of site influence.

Table 2.7.2.1 Unemployment rate by county, 1977-1986.

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Shawnee	4.3	3.7	4.1	5.6	5.4	6.8	6.3	5.6	5.1	5.1
Douglas	3.9	3.3	3.2	4.1	4.0	4.7	4.9	4.5	3.9	3.8
Franklin	5.2	3.4	4.0	6.6	5.8	8.6	8.3	7.5	7.2	7.0
Osage	4.3	3.2	3.7	5.0	5.4	6.8	9.6	7.2	7.0	6.6

Source:

Data compiled by Kenneth Brooks
 Landscape Architecture Dept.
 College of Architecture and Design
 Manhattan, KS 66502

2.7.3 Summary of historical labor force distribution for the counties within the area of site influence.

Table 2.7.3.1 Labor force by county in 1980

age group	Male		Female		Totals		labor force
	employment	unemployment	employment	unemployment	employment	unemployment	
Douglas County							
16-19	1513	180	1579	86	3092	266	3358
20-24	43394	393	4052	241	47446	634	48080
25-54	10123	438	7391	282	17514	720	18234
55-64	1660	18	930	11	2590	29	2619
65+	503	5	319	11	822	16	838
totals	57193	1034	14271	631	71464	1665	73129
Franklin County							
16-19	371	85	437	12	742	97	839
20-24	789	88	644	32	1578	120	1698
25-54	3298	172	2437	63	6596	235	6831
55-64	732	45	463	4	1464	49	1513
65+	298	11	142	3	596	14	610
totals	5488	401	4123	114	10976	515	11491

Osage County age group	Male		Female		Totals		labor force
	employment	unemployment	employment	unemployment	employment	unemployment	
16-19	298	25	263	6	561	31	592
20-24	434	67	357	24	791	91	882
25-54	2423	96	1679	34	4102	130	4232
55-64	495	13	334	0	829	13	842
65+	181	14	110	4	291	18	309
totals	3831	215	2743	68	6574	283	6857
Shawnee County							
16-19	2918	408	3125	252	6043	660	6703
20-24	5401	632	5860	189	11261	821	12082
25-54	26039	1153	21257	526	47296	1679	48975
55-64	5125	189	3858	68	8983	257	9240
65+	1386	29	1002	23	2388	52	2440
totals	40869	2411	35102	1058	75971	3469	79440

Source:

U.S. Department of Commerce-Bureau of the Census. Census of Population, 1980, General Social and Economic Characteristics, Kansas.

2.7.4 County Revenue, Expenditures, and Bonded Indebtedness

COUNTY REVENUE, EXPENDITURE AND BONDED INDEBTEDNESS

Douglas County

	revenue	expenditure	indebtedness
1977	7850655	17452667	10286000
1978	9785129	11853174	10577000
1979	7945863	9816656	9946000
1980	11242103	10166200	11825000
1981	10125509	8796909	11779000
1982	9779596	9018676	11003000
1983	12216545	11709163	10227000
1984	12988878	11829905	9451000
1985	18195275	14134792	12595000
1986	16757815	16917487	13590000

Osage County

	revenue	expenditure	indebtedness
1977	1740522	1719878	1260000
1978	1888371	1634644	1170000
1979	1969657	1892652	1105000
1980	1884877	2092899	1070000
1981	2004553	2037813	1060000
1982	2245588	2048323	965000
1983	2367076	2293620	790000
1984	3220096	2576076	750000
1985	2753991	3231635	1200000
1986	3155512	3103555	1010000

Franklin County

	revenue	expenditure	indebtedness
1977	3089881	2976884	2449535
1978	NA	NA	2212553
1979	3234893	2861131	1675000
1980	3286758	3078683	1244544
1981	3959293	3540254	1215000
1982	NA	NA	1000000
1983	NA	NA	880226
1984	NA	NA	706634
1985	NA	NA	16641783
1986	NA	NA	NA

Shawnee County

	revenue	expenditure	indebtedness
1977	24196875	23891436	4122796
1978	30885353	30516917	7653051
1979	18457877	19066962	9848598
1980	21099120	19184588	9656646
1981	23694811	23268157	9440935
1982	23006973	25553175	14042796
1983	26551756	28350226	35227866
1984	31627324	35645930	36943621
1985	32879321	101612375	32877408
1986	34051538	61701947	59570722

Sources;

County clerks in Douglas, Franklin, Osage, and Shawnee counties.

Kansas Government Journal.

2.7.5 Summary of revenue, expenditures, and trends for school districts and other special taxing districts within the area of site influence, including bonded indebtedness and bond limits.

Table 2.7.5.1 School district revenue, expenditures, and bonded indebtedness.

Baldwin City USD 348 (Douglas County)

year	revenue	expenditure	bonded indebtedness
1977	NA	1697440	800000
1978	NA	1908171	740000
1979	NA	2011256	670000
1980	NA	2360330	600000
1981	NA	2711536	530000
1982	NA	2746077	460000
1983	NA	3039406	390000
1984	NA	3523669	320000
1985	NA	3607539	250000
1986	3830258	4028145	180000

Eudora USD 491 (Douglas County)

1977	NA	1592559	701000
1978	NA	1680545	664000
1979	NA	1693023	615000
1980	NA	1782949	590000
1981	NA	2197875	565000
1982	NA	2109657	535000
1983	NA	2532825	505000
1984	NA	2743079	440000
1985	NA	3070345	440000
1986	3392650	3044994	370000

Lawrence USD 497 (Douglas County)

1977	NA	13253539	2888000
1978	NA	15383069	3675000
1979	NA	17133727	2880000
1980	NA	17378231	2345000
1981	NA	18305910	1835000
1982	NA	19101324	1345000
1983	NA	22219529	855000
1984	NA	23431304	665000
1985	NA	27261607	475000
1986	27442083	28411681	8885000

year	revenue	expenditure	indebtedness
West Franklin USD 287 (Franklin County)			
1977	NA	1499249	NA
1978	NA	1669635	0
1979	NA	1845077	0
1980	NA	2025210	0
1981	NA	2243689	0
1982	NA	2297601	0
1983	NA	2420207	0
1984	NA	3074267	0
1985	NA	3066431	0
1986	3438116	3140176	0

Central Heights USD 288 (Franklin County)			
1977	NA	1165839	NA
1978	NA	1503039	680000
1979	NA	1484885	620000
1980	NA	1617286	560000
1981	NA	1742088	0
1982	NA	1836816	435000
1983	NA	1850687	370000
1984	NA	2007061	300000
1985	NA	2260384	230000
1986	2362779	2255068	155000

Wellsville USD 389 (Franklin County)			
1977	NA	1460207	505000
1978	NA	1775727	395000
1979	NA	1731652	290000
1980	NA	2150084	180000
1981	NA	2069370	60000
1982	NA	2083072	0
1983	NA	2235062	0
1984	NA	2419829	0
1985	NA	2818432	0
1986	2841051	2836187	0

year	revenue	expenditure	indebtedness
Ottawa USD 290 (Franklin County)			
1977	NA	4075958	450000
1978	NA	4543980	980000
1979	NA	4819042	895000
1980	NA	5319778	785000
1981	NA	5464056	650000
1982	NA	5855281	420000
1983	NA	6281194	495000
1984	NA	7084413	360000
1985	NA	7135671	255000
1986	7273634	7554362	805000

Osage City USD 420 (Osage County)

1977	NA	1215027	155000
1978	NA	1376404	1119000
1979	NA	1660499	1089000
1980	NA	1714843	1030000
1981	NA	1754968	970000
1982	NA	1897088	905000
1983	NA	2256870	870000
1984	NA	2338443	835000
1985	NA	2448420	795000
1986	2590423	2532135	755000

Lyndon USD 421 (Osage County)

1977	NA	733754	235000
1978	NA	902981	215000
1979	NA	940641	195000
1980	NA	1231919	175000
1981	NA	1197148	155000
1982	NA	1288458	130000
1983	NA	1592097	105000
1984	NA	1495467	80000
1985	NA	1645546	55000
1986	1743097	1694527	30000

year	revenue	expenditure	indebtedness
Santa Fe Trail USD 434 (Osage County)			
1977	NA	1839078	NA
1978	NA	2863620	815000
1979	NA	3312805	745000
1980	NA	4020517	675000
1981	NA	4387814	595000
1982	NA	6226426	515000
1983	NA	5602594	430000
1984	NA	5764955	340000
1985	NA	6237508	250000
1986	5049263	6897423	150000

Burlingame USD 454 (Osage County)

1977	NA	771714	0
1978	NA	872580	0
1979	NA	1017577	0
1980	NA	1082928	0
1981	NA	1292081	0
1982	NA	1297154	0
1983	NA	1429908	0
1984	NA	1532471	0
1985	NA	1639498	0
1986	NA	1660452	0

Marais des Cygnes USD 456 (Osage County)

1977	NA	651124	NA
1978	NA	765814	0
1979	NA	865605	0
1980	NA	1076383	0
1981	NA	1121093	0
1982	NA	1211581	0
1983	NA	1280271	0
1984	NA	1556420	0
1985	NA	1549310	0
1986	1584113	1527459	0

year	revenue	expenditure	indebtedness
Seaman USD 345 (Shawnee County)			
1977	NA	6232155	2370000
1978	NA	7214244	2210000
1979	NA	7617429	2020000
1980	NA	8800128	1760000
1981	NA	8894201	1480000
1982	NA	9909633	1200000
1983	NA	10751004	600000
1984	NA	11629124	600000
1985	NA	12496115	300000
1986	12385096	12614128	0

Silver Lake USD 372 (Shawnee County)

1977	NA	1083882	0
1978	NA	1351733	1535000
1979	NA	1621310	1450000
1980	NA	1827058	1360000
1981	NA	1912085	1250000
1982	NA	1994018	1125000
1983	NA	2279321	995000
1984	NA	2412675	860000
1985	NA	2579082	725000
1986	2532640	2555898	650000

Auburn Washburn USD 437 (Shawnee County)

1977	NA	5019374	2000
1978	NA	5873814	0
1979	NA	5974683	0
1980	NA	7220653	0
1981	NA	6871139	0
1982	NA	7694825	0
1983	NA	8756059	0
1984	NA	8409360	0
1985	NA	10511497	4960000
1986	11334238	11744973	4960000

year	revenue	expenditure	indebtedness
Shawnee Heights USD 450 (Shawnee County)			
1977	NA	5786425	2900000
1978	NA	7731973	7230000
1979	NA	8087821	6780000
1980	NA	9330008	6320000
1981	NA	9683992	5860000
1982	NA	10048766	5400000
1983	NA	10576573	4940000
1984	NA	11625291	4480000
1985	NA	11671933	3870000
1986	12053436	12009778	5220000

Topeka USD 501 (Shawnee County)

1977	NA	35531723	1606000
1978	NA	37472165	1070000
1979	NA	44046916	4550000
1980	NA	49749891	4245000
1981	NA	50042774	3040000
1982	NA	50047768	2185000
1983	NA	52711942	1055000
1984	NA	56953626	0
1985	NA	59578845	0
1986	58061311	61483555	0

Sources;

Kansas Department of Education. (Note, for 1977 through 1985, the revenue by school district was "estimated" as being exactly equal to expenditures. This estimation was not considered appropriate. Therefore, revenues are not given in the above table for years 1977 through 1985.)

Kansas Government Journal. The League of Kansas Municipalities.

Table 2.7.5.2 Special taxing districts indebtedness by county.

Douglas County

year	drainage	sewer	other
1977	0	466000	0
1978	0	437000	0
1979	0	373000	0
1980	0	332000	0
1981	0	291000	0
1982	0	835000	0
1983	0	764000	0
1984	0	693000	0
1985	0	622000	0
1986	0	0	0

Franklin County

year	drainage	fire	other
1977	0	0	0
1978	0	0	0
1979	0	0	0
1980	0	0	0
1981	0	0	0
1982	0	0	0
1983	0	0	0
1984	0	0	0
1985	0	0	0
1986	0	0	0

Osage County

year	sewer	fire	other
1977	160000	0	0
1978	150000	0	0
1979	140000	0	0
1980	149023	68000	0
1981	115000	65000	0
1982	100000	170000	0
1983	85000	155000	0
1984	70000	220000	0
1985	55000	200000	0
1986	40000	180000	0

Shawnee County

year	drainage	sewer	fire	other
1977	0	0	0	477000
1978	0	1967371	0	405000
1979	0	2750386	0	333000
1980	0	4609775	0	261000
1981	0	4964239	0	879114
1982	0	5085988	0	115000
1983	0	3579500	140000	6043000
1984	0	0	196000	9113000
1985	0	0	114000	9790000
1986	0	0	92000	5040000

Source:

Kansas Government Journal. The League of Kansas Municipalities.

Collection of revenue and expenditure data for special taxing districts is a time consuming task. It involves going over the county budgets and compiling the data year by year. The four counties do not keep this data on computer or aggregated in such a way that this task is easy. The data is kept for each taxing district, making the job even more difficult. In Shawnee County there are 61 separate sewer districts.

With the announcement that the state had not been included in the best qualified site list, the county clerks who were compiling special district revenue and expenditure data did not want to devote their resources to this data compilation problem. Before the announcement of the best qualified list, the following revenue and expenditure information had been compiled.

Table 2.7.5.3 Douglas County drainage district revenues and expenditures.

year	revenue	expenditure
1977	NA	NA
1978	60764	92224
1979	57511	60912
1980	58588	61177
1981	57384	65961
1982	56223	72515
1983	56613	46124
1984	59812	40039
1985	59762	62205
1986	63092	50865

note-Drainage districts in Douglas County began 1978 with a balance of \$ 109379.

Over the period 1977 through 1986 Douglas County sewer districts have had revenues equal to the amount needed to re-pay a particular year's bond debt. Expenditures have only been to publish a budget listing the amount in a pool of money to be used for future mainenance. This maintenance pool has not yet been used.

Source:

Douglas County Budget Office-Darlene Hill.

Bond limits for school districts and special taxing districts.

The state has established the following bond limits for school districts and special taxing districts. Outstanding school district bonds may not exceed 14 % of assessed valuation of tangible taxable property in the district. Bonds of less than \$ 20,000 may be issued with the approval of the state's board of education. These bonds will be excluded from the limit (K.S.A. 72-6761). Outstanding bonds for hospital districts may not exceed 15 % of the assessed valuation of the district (K.S.A. 80-2513). Outstanding bonds for drainage districts may not exceed 20 % of the assessed valuation of the district (K.S.A. 24-418). Outstanding bonds for fire districts may not exceed 5 % of the assessed valuation of the district (K.S.A. 80-1512). Outstanding bonds for water supply districts may not exceed 30 % of the assessed valuation of the district (K.S.A. 80-1608). Outstanding bonds for cemetery districts may not exceed 2 % of the assessed valuation of the district (K.S.A. 80-902).

2.7.6 Summary of municipal revenue, expenditures, and trends within the area of site influence, including bonded indebtedness and bond limits.

Baldwin City

year	revenue	expenditure	bonded indebtedness
1977	3602777	3840682	1578000
1978	2386667	2978849	1509000
1979	1410880	1216004	1441000
1980	1601056	1399509	1489000
1981	1766567	1649234	1408635
1982	2025364	1669356	1412000
1983	2108096	1888772	1218000
1984	2201852	2025265	1045000
1985	2186941	2151649	1012000
1986	2268224	2231448	1050000

Burlingame

1977	651306	636705	446000
1978	770206	696105	438000
1979	924247	835326	416000
1980	937189	878857	602000
1981	994787	988774	573000
1982	1279562	1195721	643000
1983	1501715	1347032	619000
1984	1282289	1097221	566600
1985	1198854	1063790	556200
1986	1124525	997835	514000

Note-Revenue and expenditures for Burlingame in 1979 and 1986 are estimated. See note at the end of this section for the method used for estimation.

Carbondale

1977	246566	207903	413764
1978	574807	591451	652400
1979	649532	668339	648276
1980	733971	755223	790570
1981	697273	717462	640541
1982	941318	968573	638000
1983	894252	920144	878000
1984	1216183	1251396	824000
1985	1143212	1176312	822000
1986	1063187	1093970	734000

Note-Revenue and expenditures for Carbondale for 1979 through 1986 are estimated.

year	revenue	expenditure	indebtedness
Lyndon			
1977	233891	222627	466500
1978	246070	214606	444500
1979	354017	362416	414250
1980	285676	274441	389000
1981	265407	264546	369000
1982	304058	286093	324000
1983	334455	281949	319000
1984	340077	295297	287000
1985	331014	312251	230000
1986	347098	344830	230000

Osage City

1977	2496283	2284523	0
1978	2743168	2510465	1828000
1979	2462737	2398514	1740300
1980	2572900	2699790	1647300
1981	2979089	2728997	1710014
1982	4509630	3261459	1257000
1983	3621907	4341400	2164000
1984	3843182	3666324	1012000
1985	5650546	3994067	1787000
1986	4107611	4285570	2353000

Note-Revenue and expenditures for Osage City for 1977 are estimated.

Ottawa

1977	7525795	6889323	3620661
1978	13144673	11541792	7642996
1979	15587756	11793494	8424000
1980	11902367	8863167	14268147
1981	12883956	9593153	14459590
1982	13686107	10271359	14574841
1983	14936299	14737281	14754910
1984	13710847	11193693	13934000
1985	16440943	13427140	15069000
1986	16740101	13903648	13007089

year	revenue	expenditure	indebtedness
Rossville			
1977	257899	149730	0
1978	231361	167813	0
1979	197253	174345	0
1980	348752	236905	0
1981	246316	248142	0
1982	210061	195322	0
1983	218243	263512	0
1984	394250	305992	0
1985	230337	177783	0
1986	246134	224780	0

Wellsville

1977	320761	266556	0
1978	356401	296174	867000
1979	388477	322830	677000
1980	349047	326695	972530
1981	353342	395722	908588
1982	410257	426236	824593
1983	433629	420081	752545
1984	470936	436240	491000
1985	539747	535888	831511
1986	545427	551458	932127

Note-Revenue and expenditures for Wellsville for 1977 and 1979 are estimated.

Silver Lake

1977	564663	537974	0
1978	347505	372126	0
1979	193181	342907	494500
1980	233080	202750	466554
1981	257345	198036	429000
1982	259659	226641	391000
1983	278549	252819	352000
1984	278732	244253	317000
1985	281570	315549	282000
1986	293987	263375	246000

year	revenue	expenditure	indebtedness
Lawrence			
1977	24555396	23137892	32088000
1978	25784932	24547634	33267500
1979	26088261	25661617	30473535
1980	27427731	24447970	31765373
1981	29884082	28433053	30473736
1982	29118996	28106606	28230000
1983	29065045	27984416	25373510
1984	32466914	29712171	26483533
1985	32209047	30469286	23724145
1986	37204655	34295563	22749074

Topeka

1977	24317931	23315839	26029239
1978	27743090	26922307	23241823
1979	31748925	28153450	28838119
1980	32005648	32600117	35497830
1981	43985572	34327704	38725631
1982	37973306	38682450	38942037
1983	42015317	40002860	45228451
1984	46155896	43603254	44384424
1985	47619629	47367663	50326940
1986	47911297	48671669	57154053

Eudora

1977	1355501	1259405	1003000
1978	1174038	1113263	930000
1979	1244480	1180058	1151000
1980	1306704	1239061	1110000
1981	1097632	1040811	1068000
1982	1141537	1082443	1008000
1983	1198613	1136565	961000
1984	1282515	1216124	886000
1985	1333816	1264769	845000
1986	1413845	1340655	1105000

Note-Revenue and expenditures for Eudora for 1979 through 1986 are estimated.

Sources:

City clerks offices.

Kansas Government Journal. The League of Kansas Municipalities.

Bond limits for municipalities.

The state has established the following bond limits for municipalities. Outstanding "city" bonds (Topeka is classified as a "city") may not exceed 17 % of the assessed valuation within the city. Outstanding bonds for first-class cities (Lawrence) may not exceed 30 % of the assessed valuation within the city. Outstanding bonds for second-class cities (Osage City and Ottawa) may not exceed 25 % of the assessed valuation within the city. Outstanding bonds for third-class cities (Baldwin City, Carbondale, Eudora, Lyndon, Rossville, Silver Lake, Burlingame, and Wellsville) may not exceed 25 % of the assessed valuation within the city.

Note on estimation of revenue and expenditures.

In several cases revenue and expenditure data provided by city clerks were not complete. In such cases, revenue and expenditures were estimated. These cases are noted as they occur in table 2.7.6.1. Revenue and expenditures were estimated by assuming that the growth rates of total revenue and expenditures for a given municipality were equal to the growth rate of the city's property tax revenue. Growth rates of city property tax revenue were applied to the data provided by city clerks where it was necessary to fill-in missing values. City property tax revenue was based on assessed valuation and city property tax rates published in each January issue of Kansas Government Journal (the League of Kansas Municipalities).

2.7.7 Table of public services, square footage of facilities, number of personnel, funding level, and determination of adequacy and capacity.

Table 2.7.7.1 Square footage of facilities, full-time equivalent enrollment, and building capacity by school.

School	square footage of buildings	enrollment (FTE)	building capacity (in students)
DOUGLAS COUNTY**			
U.S.D. #348-Baldwin City			
Baldwin H.S.	84500	285	315
Baldwin Up. Elem	48500	123	170
baldwin Elem.	30500	345	425
Vinland Elem.	11000	81	100
Marion Springs E	13746	53	100
TOTAL	188246	887	1110
TOTAL H.S./Jr.Hi	133000	408	485
TOTAL Elementary	55246	479	625
U.S.D. #491-Eudora			
Nottingham Elem.	33000	407	440
Eudora Jr.-Sr. H	51950	360	410
TOTAL	84950	767	850
U.S.D. #497-Lawrence			
Lawrence H.S.	278991	1795	1700
Central Jr. High	105762	529	600
South Jr. High	92474	542	625
West Jr. High	91095	593	625
Broken Arrow Ele	29342	289	350
Centennial Elem.	29980	294	350
Cordley Elem.	44100	316	350
Deerfield Elem.	60100	371	550
East Heights Ele	26310	197	300
Grant Elem.	13260	65	100
Hillcrest Elem.	34000	335	350
India Elem.	8606	80	100
Kaw Valley Elem.	11430	107	100
Kennedy Elem.	25352	296	350
New York Elem.	24712	142	225
Pickney Elem.	29046	297	375
Riverside Elem.	13376	153	175
Schwegler Elem.	30232	379	400
Sunset Elem.	28670	352	350

	square footage	enrollment	building capacity
(Lawrence USD 497 continued)			
Wakarusa Elem.	16264	59	175
Woodlawn Elem.	30242	145	325
TOTAL	1023344	7336	8475
TOTAL H.S./Jr.Hi	568322	3459	3550
TOTAL Elementary	455022	3877	4925
TOTAL COUNTY H.S	753272	4227	4445
TOTAL COUNTY Ele	543268	4763	5990

FRANKLIN COUNTY**

U.S.D. #287-West Franklin

Appanoose Grd. S	17394	157	160
Pomona Grd. Schl	15400	196	190
Pomona H.S.	51355	136	200
Williamsburg Grd	11934	158	180
Williamsburg H.S	34692	79	130
TOTAL	130775	726	860
TOTAL H.S./Jr.Hi	86047	215	330
TOTAL Elementary	44728	511	530

U.S.D. #288-Central Heights

Central Heights	20000	230	300
Central Heights	40000	142	200
Central Heights	40000	135	300
TOTAL	100000	507	800
TOTAL H.S./Jr.Hi	80000	277	500
TOTAL Elementary	20000	230	300

U.S.D. #389-Wellsville

Wellsville Elem.	26000	366	425
Wellsville Jr.-S	67000	331	400
TOTAL	93000	697	825

	square footage	enrollment	building capacity
U.S.D. #290-Ottawa			
Ottawa Middle Sc	96701	460	1000
Lincoln Elem.	28599	289	325
Hawthorne Elem.	21832	165	275
Garfield Elem.	24214	261	395
Eisenhower Elem.	15062	158	175
Eugene Field Ele	27360	262	350
East Central Voc	24000	135	190
TOTAL	237768	1730	2710
TOTAL H.S./Jr.Hi	96701	460	1000
TOTAL Elementary	117067	1135	1520
TOTAL COUNTY H.S	329748	1283	2230
TOTAL COUNTY Ele	207795	1283	2230
OSAGE COUNTY**			
U.S.D. #421-Lyndon			
Lyndon Elem.	25000	258	275
Lyndon H.S.	33000	120	189
TOTAL	58000	378	464
U.S.D. #456-Marais des Cygnes			
Marais des Cygnes Elem. (Quenemo)	6294	72	90
Marais des Cygnes Jr. (Quenemo)	1200	57	60
Marais des Cygnes Elem. (Melvern)	3912	101	155
Marais des Cygnes H.S. (Melvern)	13615	99	125
TOTAL	25021	329	430
TOTAL H.S./Jr.Hi	14815	156	185
TOTAL Elementary	10206	173	245

	square footage	enrollment	building capacity
U.S.D. #434-Santa Fe Trail			
Santa Fe Trail H	76042	358	600
Carbondale Elem.	50846	400	500
Overbrook Elem.	21150	152	200
Overbrook Elem.	25184	123	175
Scranton Elem.	27927	137	200
TOTAL	201149	1170	1675
TOTAL H.S./Jr.Hi	76042	358	600
TOTAL Elementary	125107	812	1075
U.S.D. #420-Osage City			
Osage City Elem.	64000	422	460
Osage City H.S.	41000	208	260
TOTAL	105000	630	720
U.S.D. #454-Burlingame			
Burlingame H.S.	19000	122	375
Lincoln Elem.	18000	96	220
Schuyler Elem.	12000	141	210
TOTAL	49000	359	805
TOTAL H.S./Jr.Hi	19000	122	375
TOTAL Elementary	30000	237	430
TOTAL COUNTY H.S	183857	964	1609
TOTAL COUNTY Ele	254313	1902	2485
SHAWNEE COUNTY**			
U.S.D. #501-Topeka			
Highland Park H.	175296	1207	1588
Topeka H.S.	259793	1688	1688
Topeka West H.S.	194870	1419	1436
Chase Middle Sch	86162	318	528
Eisenhower Middl	77029	459	576
French Middle Sc	71900	467	456
Jardine Middle S	77029	331	552
Robinson Middle	71998	453	528
Avondale East El	34782	263	236
Avondale West El	26577	245	288
Belvoir Elem.	35435	201	264
Bishop Elem.	29943	318	336
Crestview Elem.	35889	350	384

square footage

enrollment building capacity

(Topeka USD 501 continued)

Gage Elem.	24545	267	240
Highland Pk. Ct.	34137	365	504
Highland Pk. N.E	27486	318	264
Highland Pk. S.E	39575	342	432
Hudson Elem.	22912	201	168
Lafayette Elem.	30500	380	360
Linn Elem.	25221	168	240
Lowman Hill Elem	24225	357	240
Lundgren Elem.	32411	224	288
McCarter Elem.	35031	368	336
McClure Elem.	33073	328	336
McEachron Elem.	25511	258	288
Potwin Elem.	20609	230	192
Quincy Elem.	31126	285	336
Quinton Heights	23786	234	192
Randolph Elem.	28136	432	336
Shaner Elem.	24664	278	336
State Street Ele	28886	263	264
Stout Elem.	23245	344	240
Sumner Elem.	31306	239	192
Whitson Elem.	49529	370	408
Adventure Center	26795		
Kaw Area Voc-Tec	121530		
Sheldon Child De	20327		
Topeka Educ. Cnt	51669		
Holland Student	29325		
TOTAL	2042263	13970	15052
TOTAL H.S./Jr.Hi	1014077	6342	7352
TOTAL Elementary	778540	7628	7700

U.S.D. #345-Seaman

Logan Jr. High	84580	382	625
Northern Hills J	63326	448	600
Seaman H.S.	138600	916	1000
East Indianola E	26001	231	375
Elmont Elem.	17888	155	200
Indian Creek Ele	24900	172	300
Lyman Elem.	19665	165	225
N. Fairview Elem	26456	168	300
Pleasant Hill El	23490	226	300
Rochester Elem.	27201	273	360
W. Indianola Ele	27634	259	350
TOTAL	479741	3395	4635
TOTAL H.S./Jr.Hi	286506	1746	2225
TOTAL Elementary	193235	1649	2410

	square footage	enrollment	building capacity
U.S.D. #372-Silver Lake			
Silver Lake H.S.	54060	212	250
Silver Lake Elem	25460	373	566
U.S.D. #437-Auburn-Washburn			
Washburn Rural H	177877	763	1250
Jay Shideler Jr.	47936	481	500
Auburn Midd. Sch	32137	171	250
Pauline South Mi	46214	460	500
Auburn Elem.	26786	215	220
Pauline Cent. El	43306	478	500
Wanamaker Elem.	42767	409	400
TOTAL Jr/Sr High	304164	1875	2500
TOTAL Elem.	112859	1102	1120
U.S.D. #450-Shawnee Heights			
Shawnee Heights	138071	487	750
Shawnee Heights	110910	544	750
Shawnee Heights	133358	516	750
Berryton Elem.	56053	509	525
Shawnee Heights	50375	412	500
Tecumseh North E	42620	371	400
Tecumseh South E	55279	377	500
TOTAL Jr/Sr High	382339	1547	2250
TOTAL Elem.	204327	1669	1925
TOTAL COUNTY H.S	2041146	11722	14577
TOTAL COUNTY Ele	1314421	12421	13721

Source:

Kansas State Department of Education.

Table 2.7.7.2 Expenditure per pupil by county in 1982 dollars.

County	1979-80	1984-85	% change (1979-80 to 1984-85)
Douglas	2985	3195	1.07
Franklin	2884	3389	1.17
Osage	3221	4226	1.31
Shawnee	3187	3521	1.11

Source:

Kansas State Department of Education.

Table 2.7.7.3 Expenditure per pupil by state in 1982 dollars.

State	1979-80	1984-85	% change
Colorado	2947	3378	1.15
Iowa	2831	3142	1.11
Kansas	2645	3253	1.23
Missouri	2357	2703	1.15
Nebraska	2617	3171	1.21
Oklahoma	2344	2604	1.11
U.S.	2766	3151	1.14

Sources;

Kansas Department of Education

U.S. Department of Education-Center for Education Statistics. Digest of Education Statistics, 1987.

Table 2.7.7.4 Fire department personnel, population covered, and type by department.

department	personnel	population	department type
Douglas County			
Lawrence	70	53000	professional
Baldwin	20	3000	all volunteer
Eudora	20	3300	part professional
Clinton	NA	NA	NA
DG-Kanwaka	NA	NA	NA
Lecompton	12	3000	all volunteer
Eudora Twp.	22	1000	all volunteer
Wakarusa	18	2640	part professional
Willow Springs	24	1500	all volunteer
Palmyra	25	NA	all volunteer
Douglas County total	186	67440	
(excluding Palmyra, Clinton, DG-Kanwaka)			

department	personnel	population	department type
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Franklin County

Ottawa	21	12000	professional
Lane	NA	300	all volunteer
Pamona	15	2500	all volunteer
Ohio	10	400	all volunteer
Richmond	9	1200	all volunteer
Wellsville	18	1200	all volunteer
Williamsburg	20	350	all volunteer
Cutler	25	800	all volunteer
Pottawatomie	20	600	all volunteer
W'burg/Homewood	10	1200	all volunteer
Ottawa-Twp	NA	1000	all volunteer
Franklin County (excludes Lane and Ottawa-Twp)	148	20250	

Osage County

Osage City	21	3800	all volunteer
Burlingame	NA	NA	NA
Osage Co. #1	30	4000	all volunteer
Overbrook	18	2000	all volunteer
Quenemo	15	450	all volunteer
Scranton	15	900	all volunteer
Agency	12	80	all volunteer
Osage Co. #3	35	1100	all volunteer
Lyndon	30	2500	all volunteer
Osage County total (excludes Burlingame)	176	14830	

Shawnee County

Topeka	232	150000	professional
Auburn	13	NA	all volunteer
Soldier	22	11000	part professional
Mission	23	5000	part professional
Shawnee Co. #3	20	2742	all volunteer
Shawnee Co. #1	30	2500	all volunteer
Shawnee Co. #4	30	2500	all volunteer
Forbes Field	17	150	professional
KS Air Nat'l Guard	NA	NA	professional
Topeka-Tecumseh	27	NA	part professional
Shawnee County total (excludes Auburn, Kansas Air National Guard, and Topeka-Tecumseh)	374	173892	

Source:

Kansas Uniform Fire Incident Reporting System by County.
Kansas State Fire Marshal Department. 1987.

Table 2.7.7.5 Expenditures for police protection and total criminal justice expenditures by city and county in 1985.

	Police protection	total criminal justice
Douglas County		
Lawrence	2822875	2981917
Baldwin City	78362	81902
Eudora	75521	78416
Total	2976758	3142235
Franklin County		
Ottawa	1249304	1306810
Wellsville	80124	83824
Total	1329428	1390634
Osage County		
Osage City	124341	128783
Burlingame	25844	27164
Carbondale	34740	38403
Lyndon	37110	39333
Overbrook	35179	39483
Total	257214	273166
Shawnee County		
Topeka	11054470	11725517
Silver Lake	55222	60592
Auburn	13873	15733
Total	11123565	11801842

Source:

Kansas Bureau of Investigation. Expenditure and Employment,
1985.

Table 2.7.7.6 Full time employment for police protection, total criminal justice employment, population, and full-time police employment per 1000 population in 1985.

county	police protection emp.	total criminal justice emp.	population	employment per 1000
Douglas	127	177	70149	1.81
Franklin	64	73	22412	2.85
Osage	21	28	16181	1.3
Shawnee	420	590	159796	2.63
4 County total	632	868	268538	8.59
Lawrence	93	99	55114	1.69
Topeka	306	323	119540	2.56

Source:

Kansas Bureau of Investigation. Expenditure and Employment, 1985.

Table 2.7.7.7 Part time police protection and total criminal justice employment by county in 1985.

County	police protection employment	criminal justice employment
Douglas	17	28
Franklin	4	7
Osage	10	21
Shawnee	4	25
4 County total	35	81
Lawrence	13	13
Topeka	1	16

Source:

Kansas Bureau of Investigation. Expenditure and Employment, 1985.

Table 2.7.7.8 Capacity (number of beds) for Kansas Department of Social and Rehabilitation Services (SRS) licensed adult social service facilities by county in 1987.

County	Number of beds, adult family homes and resident care facilities	Number of beds, non-medical community based programs
Douglas	39	303
Franklin	17	130
Osage	4	62
Shawnee	322	328

Adult family homes, resident care facilities, and non-medical community based programs in the four county region provide services to mentally retarded, multiply handicapped, elderly, and disabled clients. The programs offered are independent living, group living, work activity, semi-independent living, and alternate care services.

Sources:

Kansas Department of Health and Environment. List of Providers by Type. Nov. 1, 1987.

Munzer, Kent. Annual Directory of Licensed Programs. Memorandum-Kansas Department of Social and Rehabilitation Services. April 7, 1987.

Munzer, Kent. SRS Registered and Licensed Homes, H and E Licensed Homes. Memorandum-Kansas Department of Social and Rehabilitation Services. Oct . 8, 1987.

Table 2.7.7.9 List of social services. This list suggests social services which may exist in the four county region and which may be important. The services are not listed in order of importance.

- Abuse and neglect investigation--child
- Child day care
- Adult day programs and community living programs
- Family service
- Homemaker service
- Residential services--child
- Mental health programs
- Physically handicapped
- Drug and alcohol abuse
- Consumer protection
- Poverty
- Tenant rights

Sources:

International Citay Management Association. Small Cities and Counties: A Guide to Managing Services.

Munzer, Kent. Social Service Block Grant, Preliminary Plan for FY 1988. Memorandum-Kansas Department of Social and Rehabilitation Services. 1987.

Table 2.7.7.10 Estimated expenditures for social service block grants for July 1, 1987 through June 30, 1988. Figures include funding from the State and Federal governments.

Service Estimated expenditures

Youth Services

Abuse/neglect	2,543,527
Adoption	785,850
Child in need of care inquiry	664,542
Custody supervision	3,524,089
Day care	4,897,654
Divorce custody assessment	154,613
Evaluation	124,937
Family services	1,882,597
Family support	538,449
Interstate compact	334,776
Residential	3,871,612

Adult Services

Abuse/neglect	378,263
Alternate care	288,627
Day and community living	11,155,916
Guardianship/conservator	135,038
Homemaker	6,948,794
Job prep programs	562,997
Specialized social adjustment	208,491

Source:

Munzer, Kent. Social Services Block Grant, Preliminary Plan for FY 1988. Kansas Department of Social and Rehabilitation Services. 1987.

Table 2.7.7.11 Social services (SIC code 83) employment in 1982.

Region	Employment	Employment per 1000 population
Douglas County	291	4.3
Franklin County	172	7.8
Osage County	0	0
Shawnee County	869	5.6
4 county region	1332	5.1
Kansas	9879	4.2
Colorado	11203	3.9
Missouri	28734	5.8
Nebraska	6505	4.1
Oklahoma	13115	4.3

Source:

U.S. Department of Commerce-Bureau of the Census. County Business Pattern, Kansas, 1982.

The four county region's social service employment per 1000 population is relatively high. This might suggest that the region has a relatively adequate level of social services, and that the region is operating below its capacity. However, such a conclusion could be very misleading. The social service employment figure are aggregated such that an under supply of a particular type of social service may be hidden by an over supply of another type of social service. In fact, whether any of the above regions have adequate social services may be questioned. Because the notion of preferred capacity for a social service is not clear. Preferred capacity may be some measure of the average level of service (as in the above table), or it may be the level for which almost everyone seeking the service is satisfied, or it may be some other level. Certainly, not everyone seeking social services in Kansas is able to be satisfied. For example, state wide approximately 1000 people are on waiting lists to be placed in adult community living programs.

The above table suggests that the four county region has adequate social service employment when compared to the state of Kansas as a whole, and other neighboring states. However, this conclusion is based on an assumption that the employment in a given region is servicing only that region's population. This seems an unreasonable assumption. Shawnee and Franklin counties

are likely serving many clients from outside of their regions. Similarly, clients from within Osage county are probably seeking social services from outside of the county (perhaps in Shawnee and Franklin counties).

Federal funding represents approximately 2/3 of the total expenditures for social service block grants (SSBG) in Kansas. Federal SSBR funds are allocated to the state according to the state's population. For fiscal year 1988, the state will receive \$ 28,259,683 in SSBG from the Federal government. In fiscal year 1989, the state will receive \$ 27,413,978 (Source: The Federal Register).

2.7.8 Table of housing availability by municipality and for unincorporated areas of the county, including housing type, percent ownership, percent vacancy, and total numbers of housing units.

Table 2.7.8.1 Housing characteristics and availability, 1980.

Douglas County

	year-round units	owner occ. units	owner occ. rate	renter occ. units	renter occ. rate	occupied units	vacancy rate
County total	25479	12980	0.51	10837	0.43	23817	0.07
Baldwin City	941	579	0.62	299	0.32	878	0.07
Eudora	1040	713	0.69	273	0.26	986	0.05
Lawrence	20171	9056	0.45	9717	0.48	18773	0.07
Other areas	3327	2632	0.79	548	0.16	3180	0.04

Franklin County

	year-round units	owner occ. units	owner occ. rate	renter occ. units	renter occ. rate	occupied units	vacancy rate
County total	8723	6258	0.72	1890	0.22	8148	0.07
Ottawa	4569	2971	0.65	1288	0.28	4259	0.07
Wellsville	598	468	0.78	99	0.17	567	0.05
Other areas	3556	2819	0.79	503	0.14	3322	0.07

Osage County

	year-round units	owner occ. units	owner occ. rate	renter occ. units	renter occ. rate	occupied units	vacancy rate
County total	5997	4591	0.77	1009	0.17	5600	0.07
Burlingame	511	367	0.72	112	0.22	479	0.06
Carbondale	537	444	0.83	68	0.13	512	0.05
Lyndon	446	338	0.76	84	0.19	422	0.05
Osage City	1148	801	0.70	254	0.22	1055	0.08
Other areas	3355	2641	0.79	491	0.15	3132	0.07

Shawnee County

	year-round units	owner occ. units	owner occ. rate	renter occ. units	renter occ. rate	occupied units	vacancy rate
County total	64393	39753	0.62	19079	0.30	58832	0.09
Rossville	366	280	0.77	69	0.19	349	0.05
Silver Lake	460	338	0.73	100	0.22	438	0.05
Topeka	50326	28788	0.57	17468	0.35	46256	0.08
Other areas	13241	10347	0.78	1442	0.11	11789	0.11

Source:

U.S. Department of Commerce-Bureau of the Census. Census of Population and Housing, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas, Kansas, 1980.

2.7.9 Identification of planning agencies with jurisdiction within the area of site influence and past experience with population growth/economic development.

The following planning agencies can be considered to have past experience with economic and/or population growth.

Lawrence-Douglas County Planning
6th and Massachusetts
Lawrence, KS 66044
(913) 841-7722

Topeka-Shawnee County Metropolitan Planning Commission
820 SE Quincy
Topeka, KS 66603
(913) 234-2103

Osage County Planning Board
(913) 828-4812

Franklin City-County Planning Board
(913) 242-2979

The following cities have planning agencies.

Baldwin City (913) 594-6427

Carbondale (913) 564-7108

Eudora (913) 542-2095

Lyndon (913) 828-2296

Osage City (913) 528-3417

Silver Lake (913) 582-4280

Wellsville (913) 883-2296

The municipal planning agencies listed above may or may not have experience with economic and population growth. It will depend largely on the definition of "experience." A phone survey would be needed to decide whether the municipal agencies fit the chosen definition of experience.

There are no regional planning commissions within the four county region.

The function of a planning agency is defined by the laws of the state. The planning commission creates a comprehensive plan for the development of the region for which it has jurisdiction. In the preparation of the plan, the commission will be concerned with past and present land use, population and building

intensity, public facilities, transportation facilities, economic conditions, natural resources, and other features considered important to the comprehensive plan.

Sources:

The League of Kansas Municipalities, Directory of Kansas Public Officials, 1987-1988.

Kansas Department of Administration. K.S.A.

County clerks offices in Douglas, Franklin, Osage, and Shawnee counties.

2.7.10 Description of recreational and cultural facilities in the area.

Table 2.7.10.1 Universities in the four county region.

The University of Kansas, Lawrence.
Baker University, Baldwin City.
Ottawa University, Ottawa.
Haskell Indian Junior College, Lawrence.
Washburn University, Topeka.

Table 2.7.10.2 Museums and historical sites in the four county region.

Dyche Museum of Natural History--The University of Kansas.
Spencer Museum of Art--The University of Kansas.
Snow Entomological Museum--The University of Kansas.
Kansas University Herbarium--The University of Kansas.
Spooner Anthropology Museum--The University of Kansas.
Topeka Zoo--Topeka.
State Capitol--Topeka.
Combat Air Museum--Forbes Field, Topeka.
Kansas Museum of History--Topeka.
Kansas Grass-Roots Art Museum--Vinland, Douglas County.
Santa Fe Railway Museum--Burlingame.
Old Jail and Courthouse Displays--Lyndon.
Mulvane Art Center--Washburn University.
Menninger Foundation Museum--Topeka. The history of mental health treatment.
Topeka Indian Center--Indian arts center.
Cedar Crest Governor's Mansion--Topeka.
Ward-Meade Historical Park and Botanical Gardens--Topeka.
Potwin Place--Topeka. Neighborhood of Victorian homes.
Pulliam Collection--Baldwin City. Memorabilia of publisher Eugene Pulliam.
Quayle Bible Collection--Baker University, Baldwin City.
Old Castle Museum--Baker University, Baldwin City. Historical museum.
Baldwin-Midland Tourist Railroad--Baldwin City.
Watkins Community Museum--Lawrence. Historical museum.
Eldridge Hotel--Lawrence. Historical building.
Old West Lawrence Historical District--Historic neighborhood.
Old Depot Museum--Ottawa. Historical museum.
Lecompton--Lecompton, Douglas County. Historical site.
Santa Fe Trail--A 52 mile interpretive trail following existing roadways along the old Santa Fe trail.
Downtown Ottawa--Historical buildings.

Table 2.7.10.3 Theatre, dance, and music resources in the four county region.

Topeka Civic Theatre	Showcase Dinner Theatre
Helen Hocker Theatre	Washburn Players
Vassar Playhouse Theatre	K.U. University Theatre
Lawrence Arts Center	Lawrence Community Theatre
K.U. Theatre for Young People	K.U. New Directions Series
K.U. Inge Theatre Series	Washburn Dancers-Institute for Performing Arts
Ballet Midwest	Topeka Ballet, Inc.
K.U. Concert Series	K.U. Dance Company
Tosca Opera Club	Topeka Symphony
Topeka Jazz Workshop	Lawrence Symphony
K.U. Concert and Chamber Music Series	K.U. Visiting Artist Series
K.U. Symphony Orchestra	Lawrence Chamber Players
K.U. Faculty Recital Series	K.U. Collegium Musicum
Lawrence Civic Choir	

Table 2.7.10.4 Outdoor recreation resources in the four county region.

Reinisch Rose Graden--Topeka.
 Melvern State Park--Osage County. 1785 acres, 72852 visitors in 1986.
 Pomona State Park--Osage County. 490 acres, 137435 visitors in 1986.
 Clinton State Park--Douglas County. 1425 acres, 338223 visitors in 1986.
 Shawnee State Fishing Lake
 Osage State Fishing Lake
 Douglas State Fishing Lake
 Clinton Lake Federal Reservoir--Douglas County. Surface area of 7000 acres and 5 public access areas.
 Pomona Lake Federal Reservoir--Osage County. Surface area of 4000 acres and 9 public access areas.
 Melvern Lake Federal Reservoir--Osage County. Surface area of 6930 acres and 6 public access areas.
 Lake Shawnee--400 acres of surface area.
 Lone Star Lake--Douglas County.

Sources:

Greater Ottawa Chamber of Commerce. Ottawa, Kansas, Franklin County, a Community With Pride. 1987.

Kansas Department of Economic Development--Travel and Tourism Division. Kansas Group Tour Guide to the "Land of Ah's". Editor, Ivan Baker. 1984.

Kansas Fish and Game Commission. Kansas Fishing Regulations, 1987.

Rand McNally Road Atlas: U.S., Canada, Mexico. 1986.

Santa Fe Trail Historical Society. Baldwin City, Kansas.

Topeka Convention and Visitors Bureau. Visitor's Guide to Topeka, Capital of Kansas.

Table 2.7.10.5 Total volumes held by public libraries by municipality.

city	volumes
Douglas County	
Baldwin City	9010
Eudora	7034
Lawrence	167613
County total	183657
Franklin County	
Ottawa	36913
Wellsville	8441
County total	45354
Osage County	
Burlingame	6296
Lyndon	5874
Osage City	15670
County total	27840
Shawnee County	
Silver Lake	5142
Topeka	301341
County total	306483
4 county total	563334

Source:

Kansas State Library. Kansas Public Library Statistics. 1986.

The four county region offers numerous and varied cultural and recreational activities. The presence, within the region, of the University of Kansas, the state government, and three Federal reservoirs provide the majority of the opportunities. With the university come fine arts and spectator sports. The presence of the state government provides museums and libraries devoted particularly to the region's history. The Federal reservoirs offer opportunities for camping, hiking, fishing, boating, and many other outdoor activities. These major cultural and recreational resources are not alone. There are many small museums and historical sites, reflecting the region's diverse history. The cities provide parks and recreation opportunities such as public golf courses, swimming pools, and tennis courts. In addition to the University of Kansas, there are three universities and the Haskell Indian Junior College. These educational facilities provide recreation and cultural opportunities similar to those offered by the University of Kansas.

Many more cultural and recreational resources exist outside of the four county region but still near the proposed SSC site. Kansas State University in Manhattan is the second largest university in the state (the University of Kansas is the largest) with approximately 15000 students. Kansas City provides the cultural and recreational resources of a large city. Kansas City has history and art museums, performing arts, spectator sports, numerous outdoor recreation activities, and is home to the University of Missouri-Kansas City.

The proposed SSC site provides a wide variety and excellent access to cultural and recreational activities.

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COUNTY CLERKS OFFICES CONTACTED (and clerk)

Douglas County	Patty Jaines
DG Budget Office	Darlene Hill
Franklin County	Laura Sutton
Osage County	Virginia Kersten
Shawnee County	Patsy McDonald

CITY CLERKS OFFICES CONTACTED (and person contacted)

Baldwin City	Judith Chilton
Carbondale	Mary Buchholz
Eudora	Marjorie Granniger
Lawrence	Julia Karr
Lyndon	city of Lyndon
Osage City	Nina Gragg
Ottawa	Orlin Smith
Rossville	Peggy Baird
Silver Lake	Darlene Stradler
Topeka	Donna Mathew
Burlingame	Kenneth Rhodes
Wellsville	Donna Reed