## **MINUTES**

## REDISTRICTING ADVISORY GROUP

<u>December 9, 1999</u> Room 123-S—Statehouse

## **Members Present**

Senator Janice Hardenburger, Chairperson Representative Mike O'Neal, Vice Chairperson Representative John Ballou Representative Troy Findley

#### **Members Absent**

Senator Anthony Hensley Senator Pat Ranson

## Staff Present

Mary Galligan, Kansas Legislative Research Department Robert Chapman, Kansas Legislative Research Department Kenneth Hughes, Kansas Legislative Research Department Mary Torrence, Revisor of Statutes Office Mary Shaw, Committee Secretary Dave Larson, Legislative Administrative Services Sue Krische, Senate President's Office Jeremy Anderson, Senate Minority Leader's Office Brad Bryant, Secretary of State's Office Duane Simpson, Speaker's Office Rob Mealy, Senate Majority Leader's Office John Potter, Speaker Pro Tem's Office

## Conferee

Pubic Systems Associates, Inc.

## **Morning Session**

The Committee viewed the software demonstration by Public Systems Associates, Inc. (PSA).

#### Afternoon Session

Chairperson Hardenburger called the meeting to order at 1:40 p.m. She called the Committee's attention to the Review of 1998 population estimates—preview of redistricting.

## Review of 1998 Population Estimates—Preview of Redistricting

Mary Galligan, Kansas Legislative Research Department, briefed the Committee on the following information:

- Change in Township and Place Population between 1990 Census and 1998 Estimate for Kansas Senate Districts (<u>Attachment 1</u>);
- Change in Township and Place Population between 1990 Census and 1998 Estimate for House Districts (<u>Attachment 2</u>);
- Change in County Population Between 1990 Census and 1998 Estimate (<u>Attachment 3</u>); and
- Change in Legislative Representation By County (<u>Attachment 4</u>).

Ms. Galligan mentioned she had received information during the past couple of months regarding where and how the Legislature might start working on redistricting. In order to respond to those questions, she prepared a series of maps that show where significant population changes have occurred since the 1990 Census. She cautioned, however, that the 1998 estimates of population cannot be used to predict how districts will look after the 2000 census for two reasons: the level of geography for which estimates are available and the adjustment mandated by the *Kansas Constitution*.

Ms. Galligan told the Committee that the smallest geographic units displayed on the maps are townships which are the smallest unit of geography for which the Census prepares estimates. She noted that population estimates also are available for cities, which in most instances in Kansas are not part of the surrounding township. Since the population increase or decrease for a city is shown for the entire area of the city, these estimates cannot be used to anticipate where legislative districts within the urban areas will be above or below the average district population after the 2000 Census. For example, in Topeka several House Districts are wholly within the city limits. The population estimate for the city does not

differentiate the population growth in the western portion of the city from the population decline in the eastern portion. So while the city as a whole has lost population, some of the western House districts might actually be too populous based on the 2000 Census results. It is the same with the other large cities.

Also, Ms. Galligan noted that the 1998 population estimates cannot factor in the Kansas adjustment for students and military. That adjustment creates a "shift" of population within the state. Also, because the nonresident student and military are not included in the total population for legislative districts, the ideal district size is smaller than it would be if the Census figures were used.

In regard to Congressional districts, Ms. Galligan noted that the population estimates are more useful because those districts generally are based on whole counties. She directed the Committee's attention to pages 5 and 6 of Attachment 4. If redistricting were based on the 1998 estimates of population, each Congressional district would include 657,267 people. Thus, the First District would have to increase by about 38,000 people; the Second District would need about 22,000 people; and the Third and Fourth Districts each need to lose population.

Questions and discussion followed. Chairperson Hardenburger thanked Ms. Galligan for the information that was presented.

#### **Minutes**

Chairperson Hardenburger called the Committee's attention to the minutes for the meetings of August and November, 1999. <u>A motion was made by Representative Findley, and seconded by Representative Ballou, to approve the minutes as presented. Motion carried.</u>

## **Discussion of Redistricting Vendors**

Chairperson Hardenburger opened the meeting to discussion of the redistricting vendors who had presented demonstrations. Mary Galligan distributed copies of the Tally of Evaluation Sheets (Attachment 5). She explained that the tally sheets were prepared for the Committee members to know how overall the Committee rated the vendors. Ms. Galligan also mentioned that all three vendors were asked to provide database preparation, software, and support services connected to their software. She also mentioned that in regard to the database preparation, all vendors complied with the requirement that they agreed to work with any software that was chosen.

Major points of the discussion follow:

- Thought it a good idea if this was all one package and have one vendor for the Secretary of State's part and the Legislature's part.
- Felt that any of the vendors could get the job done.
- Comfort level is felt with PSA and it could be tailored to the state's needs.

- Likes idea of an integration with the Secretary of State's Office with PSA and their software.
- Based on the disappointing demonstration, there is an issue regarding PSA that training needs to be emphasized if PSA is chosen.
- Felt the way the software was designed with PSA was cumbersome regarding the snapshot and dumping the picture into paint to print a map.
- Felt PSA was not as user friendly.
- Had a low comfort level with PSA and EDS because of things they did not have.
- EDS and PSA are both in transition from one database manager to another. Felt that performance and features of how some of the things work, and given time when it needs to be used, the performance would be there.
- Impressed with the demonstrations of PSA and EDS and was not bothered with the changes and was impressed with what they did have. Felt that each workstation could be configured the way it is needed.
- Felt the PSA program was in better shape.
- PSA was the only one that addressed protection of the plans integrity of the data.
- All three products are compatible with the computer and network system at the Statehouse.
- DEC and EDS are based on an ESRI product, which is a little tougher to use than GeoMedia, and there is more customization with the PSA product.
- All three could be used for the needs here.
- Likes to see a finished product and working, but sees that the parts and pieces are there to make it all come together. Needs time to make it all come together.
- PSA suggestion for delaying the hardware purchase to the last minute is a wise thing to think about.
- EDS also suggested to wait until the last minute to buy the biggest and best hardware.

- Both comments from PSA and EDS were very accurate because you would get a much better machine at a less price tomorrow than you would today.
- Concern raised regarding back up issues.
- Felt important to be on a network because workstations can be tampered with and can break down. Workstations need a backup.
- PSA paid the most attention to security and security is a real issue.
- Password-protect plan is good.

## **Cost Analysis**

Chairperson Hardenburger asked Ms. Galligan to provide the Committee with an overview of the cost analysis. Ms. Galligan distributed a copy of Redistricting—Vendor Support Proposals Cost Summary (<u>Attachment 6</u>). She mentioned that she identified on the table the major work products/tasks included in the proposals and inserted some explanatory notes. Discussion and explanation of the table ensued.

The Committee discussed how long vendor personnel should be available for training and support and the amount that needs to be budgeted for training. The Committee noted that a skilled person is needed to conduct the training. A comment was made regarding penalty clauses be included in negotiation needs because time lines are so important and penalties if deadlines are not met. Ms. Galligan indicated that both issues would be included in the negotiation with the vendor selected. Questions and discussion followed.

Referring to the Committee's agenda, a member noted that once a recommendation is given to the LCC in regard to a vendor, work should begin on a plan for public access to redistricting data, procedures, and potential plans.

## Recommendations to the Legislative Coordinating Council

The Chairperson stated that she would entertain motions regarding Committee recommendations. Discussion followed.

Representative Ballou made a motion to recommend EDS. The motion died due to the lack of a second.

Representative Findley made, and Representative O'Neal seconded, a motion to recommend PSA to the LCC as the vendor for software, technical training, and support. The negotiation should include penalty clauses in the contract. Motion carried.

The Committee reached a consensus that Ms. Galligan should develop the project budget for consideration by the 2000 Legislature and that caucus staff, Kansas Legislative Research Department, and Legislative Administrative Services should develop plans for

staffing and work space. Ms. Galligan said she would provide the information to the Committee for review when it is developed.

Regarding the time line dated December 8, 1999, distributed to the Committee (Attachment 7), Ms. Galligan noted changes from the previous version as follows:

- The maps from the Census Bureau will not arrive until March 1, 2001.
- The Legislature will not get the Census data before April 1, 2001.
- The next version of the time line will include the deadlines and milestones in the vendor contract.

Ms. Galligan suggested that the Committee meet early in the 2000 Session to review the budget. She also suggested that the Committee may want to develop a newsletter with which to educate their colleagues regarding plans made thus far for redistricting.

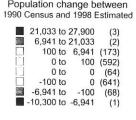
Chairperson Hardenburger thanked all for attending the meeting and wished everyone a happy holiday. The meeting was adjourned at 3:40 p.m.

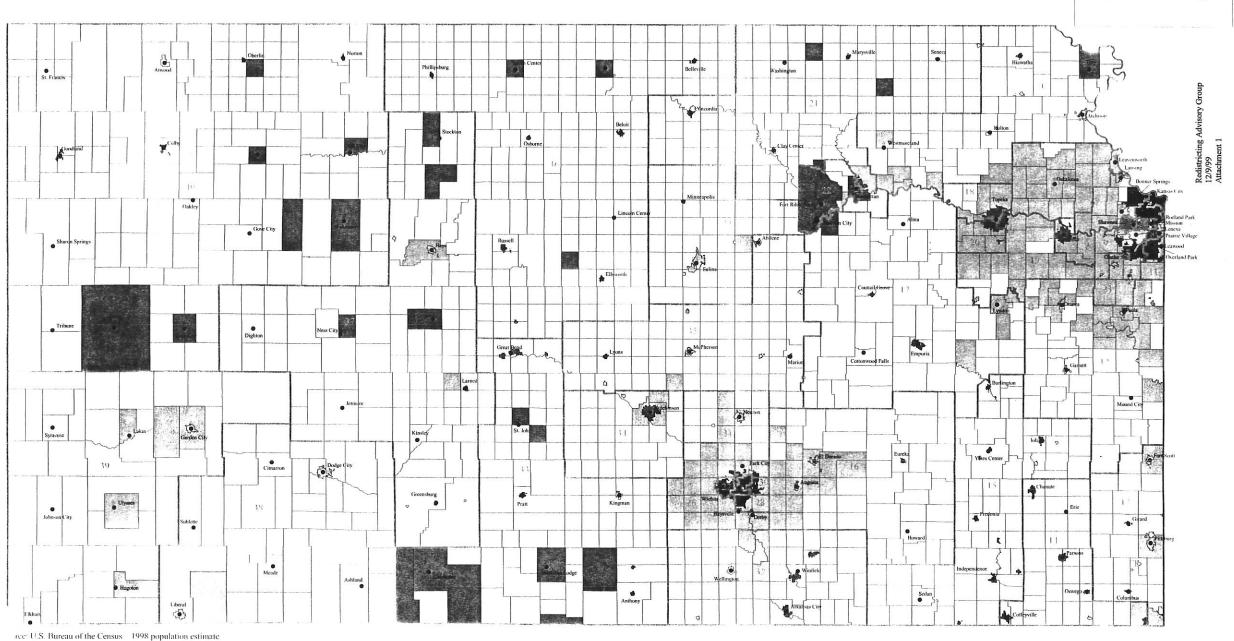
Prepared by Mary Shaw Edited by Mary Galligan

Approved by Committee on:

May 1, 2000
(Date)

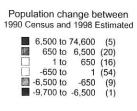
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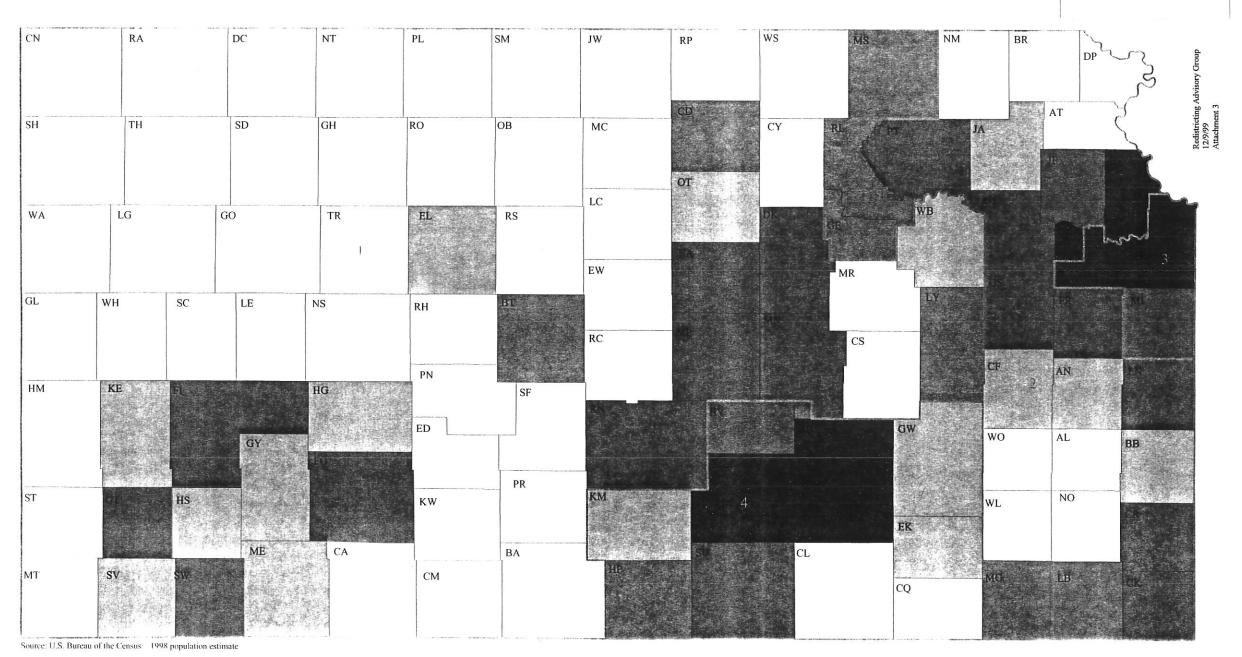




**₫** Anthony [ Sedan

 Ashland





# CHANGE IN LEGISLATIVE REPRESENTATION BY COUNTY

	1990	1998
Ideal House District Population:	19,821	21,033
Ideal Senate District Population:	61,940	65,727

			4/1/90 C	Census	7/1/98 E	stimate	Differ	ence
State/County and Area Name	4/1/90 Census	7/1/98 Estimate	County's Number of House Seats	County's Number of Senate Seats	County's Number of House Seats	County's Number of Senate Seats	House	Senate
Kansas	2,477,588	2,629,067						
Allen	14,638	14,556	0.7	0.2	0.7	0.2	(0.0)	(0.0)
Anderson	7,803	8,060	0.4	0.1	0.4	0.1	(0.0)	(0.0)
Atchison	16,932	16,908	0.9	0.3	0.8	0.3	(0.1)	(0.0)
Barber	5,874	5,342	0.3	0.1	0.3	0.1	(0.0)	(0.0)
Barton	29,382	27,641	1.5	0.5 0.2	1.3 0.7	0.4 0.2	(0.2)	(0.1)
Bourbon	14,966 11,128	15,260 11,070	0.8 0.6	0.2	0.7	0.2	(0.0)	(0.0)
Brown Butler	50,580	61,932	2.6	0.8	2.9	0.9	0.4	0.1
Chase	3,021	2,950	0.2	0.0	0.1	0.0	(0.0)	(0.0)
Chautauqua	4,407	4,360	0.2	0.1	0.2	0.1	(0.0)	(0.0)
Cherokee	21,374	22,552	1.1	0.3	1.1	0.3	(0.0)	(0.0)
Cheyenne	3,243	3,174	0.2	0.1	0.2	0.0	(0.0)	(0.0)
Clark	2,418	2,361	0.1	0.0 0.1	0.1 0.4	0.0 0.1	(0.0)	(0.0)
Clay	9,158 11,023	9,148 10,027	0.5 0.6	0.1	0.4	0.1	(0.1)	(0.0)
Cloud Coffey	8,404	8,696	0.4	0.2	0.4	0.1	(0.0)	(0.0)
Comey	2,313	2,012	0.1	0.0	0.1	0.0	(0.0)	(0.0)
Cowley	36,915	36,319	1.9	0.6	1.7	0.6	(0.1)	(0.0)
Crawford	35,582	36,360	1.8	0.6	1.7	0.6	(0.1)	(0.0)
Decatur	4,021	3,456	0.2	0.1	0.2	0.1	(0.0)	(0.0)
Dickinson	18,958	19,742	1.0	0.3	0.9	0.3	(0.0)	(0.0)
Doniphan	8,134	7,856	0.4 4.1	0.1 1.3	0.4 4.4	0.1 1.4	(0.0)	(0.0) 0.1
Douglas	81,798 3,787	93,137 3,312	0.2	0.1	0.2	0.1	(0.0)	(0.0)
Edwards Elk	3,767	3,351	0.2	0.1	0.2	0.1	(0.0)	(0.0)
Ellis	26,004	26,309	1.3	0.4	1.3	0.4	(0.1)	(0.0)
Ellsworth	6,586	6,285	0.3	0.1	0.3	0.1	(0.0)	(0.0)
Finney	33,070	36,514	1.7	0.5	1.7	0.6	0.1	0.0
Ford	27,463	29,382	1.4	0.4	1.4	0.4	0.0	0.0
Franklin	21,994	24,768	1.1	0.4	1.2 1.2	0.4	0.1	0.0 (0.1)
Geary	30,453	25,370 3,054	1.5 0.2	0.5 0.1	0.1	0.4 0.0	(0.3)	(0.0)
Gove Graham	3,231 3,543	3,204	0.2	0.1	0.1	0.0	(0.0)	(0.0)
Grant	7,159	8,012	0.4	0.1	0.4	0.1	0.0	0.0
Gray	5,396	5,595	0.3	0.1	0.3	0.1	(0.0)	(0.0)
Greeley	1,774	1,704	0.1	0.0	0.1	0.0	(0.0)	(0.0)
Greenwood	7,847	8,139	0.4	0.1	0.4	0.1	(0.0)	(0:0)
Hamilton	2,388	2,343	0.1	0.0	0.1	0.0	(0.0)	(0.0)
Harper	7,124	6,430	0.4	0.1 0.5	0.3 1.6	0.1 0.5	(0.1)	0.0
Harvey Haskell	31,028 3,886	34,361 3,976	0.2	0.3	0.2	0.1	(0.0)	(0.0)
Hodgeman	2,177	2,209	0.1	0.0	0.1	0.0	(0.0)	(0.0)
Jackson	11,525	12,130	0.6	0.2	0.6	0.2	(0.0)	(0.0)
Jefferson	15,905	18,243	0.8	0.3	0.9	0.3	0.1	0.0
Jewell	4,251	3,867	0.2	0.1	0.2	0.1	(0.0)	(0.0)
Johnson	355,021	429,563	17.9	5.7	20.4	6.5	2.5	0.8
Kearny	4,027	4,177	0.2 0.4	0.1 0.1	0.2 0.4	0.1 0.1	(0.0)	(0.0)
Kingman	8,292 3,660	8,543 3,470	0.4	0.1	0.4	0.1	(0.0)	(0.0)
Kiowa Labette	23,693	23,030	1.2	0.4	1.1	0.4	(0.1)	(0.0)
Lane	2,375	2,264	0.1	0.0	0.1	0.0	(0.0)	(0.0)
Leavenworth	64,371	71,299	3.2	1.0	3.4	1.1	0.1	0.0
Lincoln	3,653	3,338	0.2	0.1	0.2	0.1	(0.0)	(0.0)
Linn	8,254	9,158	0.4	0.1	0.4	0.1	0.0	0.0
Logan	3,081	2,987	0.2	0.0	0.1	0.0	(0.0)	(0.0)
Lyon	34,732	33,920	1.8 1.4	0.6 0.4	1.6 1.4	0.5 0.4	(0.1)	(0.0)
McPherson Marion	27,268 12,888	28,630 13,593	0.7	0.4	0.6	0.4	(0.0)	(0.0)
Marshall	11,705	11,006	0.6	0.2	0.5	0.2	(0.1)	(0.0)
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Redistricting Advisory Group 12/9/99 Attachment 4

			4/1/90 Census		7/1/98 E	stimate	Diffe	rence
State/County and Area Name	4/1/90 Census	7/1/98 Estimate	County's Number of House Seats	County's Number of Senate Seats	County's Number of House Seats	County's Number of Senate Seats	House	Senate
Meade	4,247	4,424	0.2	0.1	0.2	0.1	(0.0)	(0.0)
Miami	23,466	26,597	1.2	0.4	1.3	0.4	0.1	0.0
Mitchell	7,203	6,936	0.4	0.1	0.3	0.1	(0.0)	(0.0)
Montgomery	38,816	37,089	2.0	0.6	1.8	0.6	(0.2)	(0.1)
Morris	6,198	6,169	0.3	0.1	0.3	0.1	(0.0)	(0.0)
Morton	3,480	3,440	0.2	0.1	0.2	0.1	(0.0)	(0.0)
Nemaha	10,446	10,132	0.5	0.2	0.5	0.2	(0.0)	(0.0)
Neosho	17,035	16,760	0.9	0.3	0.8	0.3	(0.1)	(0.0)
Ness	4,033	3,607	0.2	0.1	0.2	0.1	(0.0)	(0.0)
Norton	5,947	5,752	0.3	0.1	0.3	0.1	(0.0)	(0.0)
Osage	15,248	17,139	0.8	0.2	0.8	0.3	0.0	0,0
Osborne	4,867	4,712	0.2	0.1	0.2	0.1	(0,0)	(0.0)
Ottawa	5,634	5,905	0.3	0.1	0.3	0.1	(0.0)	(0.0)
Pawnee	7,555	7,437	0.4	0.1	0.4	0.1	(0.0)	(0.0)
Phillips	6,590	6,080	0.3	0.1	0.3	0.1	(0.0)	(0.0)
Pottawatomie	16,128	18,691	0.8	0.3	0.9	0.3	0.1	0.0
Pratt	9,702	9,700	0.5	0.2	0.5	0.1	(0.0)	(0.0)
Rawlins	3,404	3,125	0.2	0.1	0.1	0.0	(0.0)	(0.0)
Reno	62,389	63,211	3.1	1.0	3.0	1.0	4(021)	(0.0)
Republic	6,482	6,102	0.3	0.1	0.3	0.1	(0.0)	(0.0)
Rice	10,610	10,360	0.5	0.2	0.5	0.2	(0.0)	(0.0)
Riley	67,139	63,615	3.4	1.1	3.0	1.0	(0.4)	(0.1)
Rooks	6.039	5,660	0.3	0.1	0.3	0.1	(0.0)	(0.0)
Rush	3,842	3,413	0.2	0.1	0.2	0.1	(0.0)	(0.0)
Russell	7,835	7,558	0.4	0.1	0.4	0.1	(0.0)	(0.0)
Saline	49,301	51,617	2.5	0.8	2.5	0.8	(0.0)	(0.0)
Scott	5,289	5,018	0.3	0.1	0.2	0.1	(0.0)	(0.0)
Sedgwick	403,662	448,050	20.4	6.5	21.3	6.8	0.9	0.3
Seward	18,743	19,984	0.9	0.3	1.0	0.3	0.0	0.0
Shawnee	160,976	165,348	8.1	2.6	7.9	2.5	(0.3)	(0.1)
Sheridan	3,043	2,741	0.2	0.0	0.1	0.0	(0.0)	(0.0)
Sherman	6.926	6,511	0.3	0.1	0.3	0.1	(0.0)	(0.0)
Smith	5,078	4,588	0.3	0.1	0.2	0.1	(0.0)	(0.0)
Stafford	5,365	5,000	0.3	0.1	0.2	0.1	(0.0)	(0.0)
Stanton	2,333	2,265	0.1	0.0	0.1	0.0	(0.0)	(0.0)
Stevens	5,048	5,371	0.3	0.1	0.3	0.1	0.0	0.0
Sumner	25,841	27,043	1.3	0.4	1.3	0.4	(0.0)	(0.0)
Thomas	8,258	8,037	0.4	0.1	0.4	0.1	(0.0)	(0.0)
Trego	3.694	3,283	0.2	0.1	0.2	0.0	(0.0)	(0.0)
Wabaunsee	6,603	6,651	0.3	0.1	0.3	0.1	(0.0)	(0.0)
Wallace	1,821	1,802	0.1	0.0	0.1	0.0	(0.0)	(0.0)
Washington	7,073	6,490	0.4	0.1	0.3	0.1	(0.0)	(0.0)
Wichita	2,758	2,643	0.1	0.0	0.1	0.0	(0.0)	(0.0)
Wilson	10,289	10,218	0.5	0.2	0.5	0.2	(0.0)	(0.0)
Woodson	4,116	3,983	0.2	0.1	0.2	0.1	(0.0)	(0.0)
Wyandotte	162,026	152,355	8.2	2.6	7.2	2.3	(0.9)	(0.3)
TOTALS	2,477,588	2,629,067					1-1-1	1/
TOTALS	2,411,300	2,023,007						

## CHANGE IN LEGISLATIVE REPRESENTATION BY COUNTY—RANKED

	1,990	1,998
Ideal House District Population: Ideal Senate District	19,821	21,033
Population:	61,940	65,727

			4/1/90 Census			stimate	Difference	
State/County Code and Area Name	4/1/90 Census	7/1/98 Estimate	County's Number of House Seats	County's Number of Senate Seats	County's Number of House Seats	County's Number of Senate Seats	House	Senate
Kansas	2,477,588	2,629,067						4 1
Wyandotte	162,026	152,355	8.2	2.6	7.2	2.3	(0.9)	(0.3)
Riley	67,139	63,615	3.4	1.1	3.0	1.0	(0.4)	(0.1)
Geary	30,453	25,370	1.5	0.5	1.2	0.4	(0.3)	(0.1)
Shawnee	160,976	165,348	8.1	2.6	7.9	2.5	(0.3)	(0.1)
Montgomery	38,816	37,089	2.0	0.6	1.8	0.6	(0.2)	(0.1)
Barton	29,382	27,641	1.5	0.5	1.3	0.4	(0.2)	(0.1)
Reno	62,389	63,211	3.1	1.0	3.0	1.0	(0.1)	(0.0)
Lyon	34,732	33,920	1.8	0.6	1.6	0.5	(0.1)	(0.0)
Cowley	36,915	36,319	1.9	0.6	1.7	0.6	(0.1)	(0.0)
Labette	23,693	23,030	1.2	0.4	1.1	0.4	(0.1)	(0.0)
Cloud	11,023	10,027	0.6	0.2	0.5	0.2	(0.1)	(0.0)
Marshall	11,705	11,006	0.6	0.2	0.5	0.2	(0.1)	(0.0)
Crawford	35,582	36,360	1.8	0.6	1.7	0.6	(0.1)	(0.0)
Neosho	17,035	16,760	0.9	0.3	0.8	0.3	(0.1)	(0.0)
Ellis	26,004	26,309	1.3	0.4	1.3	0.4	(0.1)	(0.0)
Harper	7,124	6,430	0.4	0.1	0.3	0.1	(0.1)	(0.0)
Atchison	16,932	16,908	0.9	0.3	0.8	0.3	(0.1)	(0.0)
Washington	7,073	6,490	0.4	0.1	0.3	0.1	(0.0)	(0.0)
Allen	14,638	14,556	0.7	0.2	0.7	0.2	(0.0)	(0.0)
Nemaha	10,446	10,132	0.5	0.2	0.5	0.2	(0.0)	(0.0)
Phillips	6,590	6,080	0.3	0.1	0.3	0.1	(0.0)	(0.0)
Rice	10,610	10,360	0.5	0.2	0.5	0.2	(0.0)	(0.0)
Barber	5,874	5,342 6.511	0.3	0.1	0.3 0.3	0.1 0.1	(0.0)	(0.0)
Sherman	6,926		0.3	0.1	0.3	0.1	(0.0)	(0.0)
Decatur	4,021	3,456	0.2 0.3	0.1 0.1	0.2	0.1	(0.0)	(0.0)
Smith	5,078	4,588 6,102	0.3	0.1	0.2	0.1	(0.0)	(0.0)
Republic	6,482 8,134	7,856	0.3	0.1	0.4	0.1	(0.0)	(0.0)
Doniphan Russell	7,835	7,558	0.4	0.1	0.4	0.1	(0.0)	(0.0)
Rooks	6,039	5,660	0.4	0.1	0.3	0.1	(0.0)	(0.0)
Brown	11,128	11,070	0.6	0.2	0.5	0.2	(0.0)	(0.0)
Thomas	8,258	8,037	0.4	0.1	0.4	0.1	(0.0)	(0.0)
Mitchell	7,203	6,936	0.4	0.1	0.3	0.1	(0.0)	(0.0)
Edwards	3,787	3,312	0.2	0.1	0.2	0.1	(0.0)	(0.0)
Ellsworth	6,586	6,285	0.3	0.1	0.3	0.1	(0.0)	(0.0)
Wilson	10,289	10,218	0.5	0.2	0.5	0.2	(0.0)	(0.0)
Saline	49,301	51,617	2.5	0.8	2.5	0.8	(0.0)	(0.0)
Stafford	5,365	5,000	0.3	0.1	0.2	0.1	(0.0)	(0.0)
Ness	4,033	3,607	0.2	0.1	0.2	0.1	(0.0)	(0.0)
Rush	3,842	3,413	0.2	0.1	0.2	0.1	(0.0)	(0.0)
Jewell	4,251	3,867	0.2	0.1	0.2	0.1	(0.0)	(0.0)
Trego	3,694	3,283	0.2	0.1	0.2	0.0	(0.0)	(0.0)
Bourbon	14,966	15,260	0.8	0.2	0.7	0.2	(0.0)	(0.0)
Pratt	9,702	9,700	0.5	0.2	0.5	0.1	(0.0)	(0.0)
Scott	5,289	5,018	0.3	0.1	0.2	0.1	(0.0)	(0.0)
Pawnee	7,555	7,437	0.4	0.1	0.4	0.1	(0.0)	(0.0)
Clay	9,158	9,148	0.5	0.1	0.4	0.1	(0.0)	(0.0)
Norton	5,947	5,752	0.3	0.1	0.3	0.1	(0.0)	(0.0)
Graham	3,543	3,204	0.2	0.1	0.2	0.0	(0.0)	(0.0)
Lincoln	3,653	3,338	0.2	0.1	0.2	0.1	(0.0)	(0.0) (0.0)
Sheridan	3,043	2,741	0.2	0.0	0.1	0.0	(0.0)	(0.0)
Rawlins	3,404	3,125	0.2	0.1	0.1	0.0	(0.0)	(0.0)
Osborne	4,867	4,712	0.2	0.1	0.2	0.1	(0.0)	(0.0)
Comanche	2,313 3,660	2,012 3,470	0.1	0.0	0.1	0.0	(0.0)	(0.0)
Kiowa		6,169	0.2	0.1 0.1	0.2	0.1	(0.0)	(0.0)
Morris Woodson	6,198 4,116	3,983	0.3	0.1	0.3	0.1	(0.0)	(0.0)
Sumner	25,841	27,043	1.3	0.1	1.3	0.4	(0.0)	(0.0)
Guilliei	25,041	21,040	1.5	0.4	1.0	J. 1	(5.5)	(3.0)

			4/1/90 Census 7/1/9		7/1/98 E	stimate	Difference		
State/County Code and Area Name	4/1/90 Census	7/1/98 Estimate	County's Number of House Seats	County's	County's Number of House Seats	County's Number of Senate Seats	House	Senate	
							(0.0)	(0.0)	
Dickinson	18,958	19,742	1.0	0.3	0.9	0.3	(0.0)	(0.0)	
Gove	3,231	3,054	0.2	0.1	0.1	0.0	(0.0)	(0.0)	
Wabaunsee	6,603	6,651	0.3	0.1	0.3	0.1	(0.0)	(0.0)	
Chautauqua	4,407	4,360	0.2	0.1	0.2	0.1	(0.0)	(0.0)	
McPherson	27,268	28,630	1.4	0.4	1.4	0.4	(0.0)	(0.0)	
Wichita	2,758	2,643	0.1	0.0	0.1	0.0	(0.0)	(0.0)	
Logan	3,081	2,987	0.2	0.0	0.1	0.0	(0.0)	(0.0)	
Cheyenne	3,243	3,174	0.2	0.1	0.2	0.0	(0.0)	(0.0)	
Lane	2,375	2,264	0.1	0.0	0.1	0.0	(0.0)	(0.0)	
Kingman	8,292	8,543	0.4	0.1	0.4	0.1	(0.0)	(0.0)	
Chase	3,021	2,950	0.2	0.0	0.1	0.0	(0.0)	(0.0)	
Morton	3,480	3,440	0.2	0.1	0.2	0.1	(0.0)	(0.0)	
Coffev	8,404	8,696	0.4	0.1	0.4	0.1	(0.0)	(0.0)	
Anderson	7,803	8,060	0.4	0.1	0.4	0.1	(0.0)	(0.0)	
Stanton	2,333	2,265	0.1	0.0	0.1	0.0	(0.0)	(0.0)	
Clark	2.418	2,361	0.1	0.0	0.1	0.0	(0.0)	(0.0)	
Hamilton	2,388	2,343	0.1	0.0	0.1	0.0	(0.0)	(0.0)	
Greenwood	7,847	8,139	0.4	0.1	0.4	0.1	(0.0)	(0.0)	
Elk	3,327	3,351	0.2	0.1	0.2	0.1	(0.0)	(0.0)	
Greeley	1,774	1,704	0.1	0.0	0.1	0.0	(0.0)	(0.0)	
Haskell	3.886	3,976	0.2	0.1	0.2	0.1	(0.0)	(0.0)	
Grav	5,396	5,595	0.3	0.1	0.3	0.1	(0.0)	(0.0)	
Wallace	1,821	1,802	0.1	0.0	0.1	0.0	(0.0)	(0.0)	
Cherokee	21,374	22,552	1.1	0.3	1.1	0.3	(0.0)	(0.0)	
Hodgeman	2,177	2,209	0.1	0.0	0.1	0.0	(0.0)	(0.0)	
Jackson	11,525	12,130	0.6	0.2	0.6	0.2	(0.0)	(0.0)	
Kearny	4.027	4,177	0.2	0.1	0.2	0.1	(0.0)	(0.0)	
Marion	12,888	13,593	0.7	0.2	0.6	0.2	(0.0)	(0.0)	
	4,247	4,424	0.2	0.1	0.2	0.1	(0.0)	(0.0)	
Meade	5,634	5,905	0.2	0.1	0.3	0.1	(0.0)	(0.0)	
Ottawa	5.048	5,371	0.3	0.1	0.3	0.1	0.0	0.0	
Stevens	18,743	19,984	0.9	0.1	1.0	0.3	0.0	0.0	
Seward		29,382	1.4	0.3	1.4	0.4	0.0	0.0	
Ford	27,463		0.4	0.4	0.4	0.4	0.0	0.0	
Linn	8,254	9,158 8.012	0.4	0.1	0.4	0.1	0.0	0.0	
Grant	7,159	- 1	0.4	0.1	0.4	0.1	0.0	0.0	
Osage	15,248	17,139	0.8	0.2	0.8	0.3	0.0	0.0	
Jefferson 	15,905	18,243	1.7	0.5	1.7	0.5	0.1	0.0	
Finney	33,070	36,514	23		1.7	0.6	0.1	0.0	
Franklin	21,994	24,768	1.1	0.4	1.6	0.4	0.1	0.0	
Harvey	31,028	34,361	1.6	0.5			-0.1	0.0	
Pottawatomie	16,128	18,691	0.8	0.3	0.9	0.3	10.00	0.0	
Miami	23,466	26,597	1.2	0.4	1.3	0.4	0.1		
Leavenworth	64,371	71,299	3.2	1.0	3.4	1.1	0.1	0.0	
Douglas	81,798	93,137	4.1	1.3	4.4	1.4	0.3	0.1	
Butler	50,580	61,932	2.6	0.8	2.9	0.9	0.4		
Sedgwick	403,662	448,050	20.4	6.5	21.3	6.8	0.9	0.3	
Johnson	355,021	429,563	17.9	5.7	20.4	6.5	2.5	0.8	
TOTAL	2,477,588	2,629,067							

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4/1/90 7/1/98 Pop. Inc.
cunty Census Estimate (Dec.)

Kansas 2,477,	588	2,629,067		657,267 1998 Ideal District Pop.
District 1				
District 1				(Over) Under Ideal Ben
PIGHTOL I				(Over) Under Ideal Pop.
	874	5,342	(532)	
	382	27,641	(1,741)	
Chase 3,	021	2,950	(71)	
Cheyenne 3,	243	3,174	(69)	
	418	2,361	(57)	
	158	9,148	(10)	
	023	10,027	(996)	
	313	2,012	(301)	
	021	3,456	(565)	
	958	19,742	784	
	787	3,312	(475) 3 <b>05</b>	
	004	26,309 6,285	(301)	
	586 070	36,514	3,444	
	463	29,382	1,919	
	231	3,054	(177)	
	543	3,204	(339)	
	159	8,012	853	
	396	5,595	199	
	774	1,704	(70)	
	388	2,343	(45)	
	886	3,976	90	
	177	2,209	32	
	251	3,867	(384)	
Kearny 4,	027	4,177	150	
Kiowa 3,	660	3,470	(190)	
Lane 2,	375	2,264	(111)	
	653	3,338	(315)	
	081	2,987	(94)	
	732	33,920	812)	
All the control of th	353	12,120	767	
	705	11,006	:699)	
	268	28,630	1,362	
	247	4,424	177	
	203	6,936	(267)	
	198	6,169	(29)	
	480	3,440	(40)	
	033	3,607	426)	
	947 867	5,752 4,712	(195) (155)	
	634	5,905	271	
	555	7,437	(118)	
	590	6,080	510)	
	702	9,700	3.07	
	404	3,125	(279)	
1.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0	389	63,211	822	
	482	6,102	(380)	
The state of the s	610	10,360	(250)	
	039	5,660	(379)	
	842	3,413	(429)	
	835	7,558	:277)	
	301	51,617	2,316	
Scott 5,	289	5,018	(271)	
	743	19,984	1,241	
	043	2,741	(302)	
	926	6,511	(415)	
	078	4,588	(490)	
	365	5,000	(365)	
	333	2,265	(68)	
	048	5,371	323	
	258	8,037	(221)	
	694	3,283	:411)	
	603	6,651	48	
Wallace 1,	821	1,802	19)	

County	4/1/90 Census	7/1/98 Estimate	Pop. Inc. (Dec.)		
Kansas	2,477,588	2,629,067		657,267	1998 Ideal District Pop.
1	· · · · · · · · · · · · · · · · · · ·				
				(Over) Un	der Ideal Pop.
Washington	7,073	6,490	(583)		
Wichita	2,758	2,643	(115)	20 444	
District Total	619,370	619,123	(247)	38,144	
District 2					
Allen	14,638	14,556	(82)		
Anderson	7,803	8,060	257		
Atchison	16,932	16,908	(24)		
Bourbon Brown	14,966 11,128	15,260 11,070	294 (58)		
Cherokee	21,374	22,552	1,178		
Coffey	8,404	8,696	292		
Crawford	35,582	36,360	778		
Doniphan	8,134	7,856	(278)		
Douglas (pt.)	2872	3228	356		
Franklin	21,994	24,768	2,774		
Geary	30,453	25,370	(5,083)		
Jacon	11,525	12,130	605		
Jefferson Labette	15,905	18,243 23,030	2,338 (663)		
Leavenworth	23,693 64,371	71,299	6,928		
Linn	8,254	9,158	904		
Nemaha	10,446	10,132	(314)		
Neosho	17,035	16,760	(275)		
Osage	15,248	17,139	1,891		
Pottawatomie	16,128	18,691	2,563		
Riley	67,139	63,615	(3,524)		
Shawnee	160,976	165,348	4,372		
Wilson	10,289	10,218	(71)		
Woodson District Total	4,116 <b>619,405</b>	3,983 <b>634,430</b>	133) <b>15,025</b>	22,837	
District Total	013,403	054,450	13,023	22,007	
District 3					
Douglas (pt.)	78,926	89,909	10,983		
Johnson	355,021	429,563	74,542		
Miami	23,466	26,597	3,131		
Wyandotte	162,026	152,355	(9.671)	(44.457)	
District Total	619,439	698,424	109,035	(41,157)	
District 4					
Butler	50,580	61,932	11,352		
Chautauqua	4,407	4,360	(47)		
Cowley	36,915	36,319	(596)		
Elk	3,327	3,351	24		
Greenwood	7,847	8,139	292		
Harper	7,124 31,028	6,430 34,361	3, <b>333</b>		
Harvey Kingman	8,292	8,543	3,333 251		
Marion (pt.)	1,535	1,473	(62)		
Montgomery	38,816	37,089	(1,727)		
Sedgwick	403,662	448,050	44,388		
Sumner	25,841	27,043	1,202		
<b>District Total</b>	619,374	677,090	57,716	(19,823)	
STATE TOTAL	2,477,588	2,629,067	151,479		

12/9/99

KLRD

## **Tally of Evaluation Sheets**

Vendor	Average Demo Evaluation	Perfect Demo Score	% of Perf	Avg. Proposal Score	Perfect Proposal Score	% of Perf	Total	%
DEC	315	472	66.8%	438	776	56.5%	75	3 60%
EDS	317	472	67.2%	497	776	64.0%	81	4 65%
PSA	392	472	83.0%	575	776	74.1%	96	6 77%

Redistricting Advisory Group

Spec. Comm. in Redistricting Advisory Group 12-9-99 Attachment 5

## Kansas Legislative Research Department

## Redistricting – Vendor Support Proposals Cost Summary

nent Cost Summary	DEC	EDS	PSA	Comments/Notes
Vendor-provided On-site Personnel	\$ 175,000	\$ 210,878	\$ 0	
	DEC1,000 hr @ \$175/hr	EDS 14 mo on-site staffing @ \$78.13/hr plus travel, housing transportation etc	PSA didn't include cost of on-site staff, but quoted intermittent on-site support staff @ \$150/hr + travel	
Geographic Database Preparation	\$ 79.800	\$ 60.748	\$ 65.887	
	Load, verify and correct VTDs only	Verification of Legislative dists and VTDs. Creation of 1999 and 2K basemaps and block to ∀TD equivalency. Est. approx. \$3,800 unnecessary cost.	Est approx \$10 000 costs for Phase 2 verification that are not necessary	
Congressional Population Data Preparation	\$ 0	\$ 59,970	\$ 15,484	
	Assumes use of all PL data as provided by Bureau w/out analysis	Includes loading of 1990 PL data for training purposes 1999 pop estimates for training and analysis and 2K PL data. Also includes \$35,000 optional race data analysis.	Includes \$12 040 optional race data analysis	Race data analysis probably necessary to make categories useable during edistricting
Legislative Population Data Preparation	\$ 224,265	<b>\$</b> 164.175	\$ 464.194	
	Includes consultation to SOS prior to start of 2002 session	Anticipates SOS will input questionnaire results. Includes consultation w/SOS	PSA indicated this amount is \$75K too high because of mathmatical error Includes consultation w/SOS	Both DEC and PSA included data entry in propost
Election/Registration Data Preparation	\$ 35,000	\$ 77,742	\$ 176,498	
	Includes disaggregation Insufficient detail to isolate cost	\$14,790 wrout disaggregation	\$90.352 w/out disaggregation	Disaggregation is necessary to make election/registration figures most useful
Modifications for Post-Redistricting Activities	<b>s</b> 0	\$ 15,975	\$ 34,452	
Activities	Did not include conversion of old	Conversion of old election	Conversion of old election	
	election database	database after 2002 and modif of		

Szec. Comm. on Redistrictin Advisory Group 12-9-99 Attachment 6

## Redistricting - Vendor Support Proposals Cost Summary

Element Cost Summary	DEC	EDS	PSA	Comments/Notes

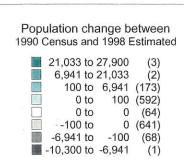
Training 3 days of training for KLRD Admin/mgr. training and Two days of training system admin/mgr and 3 days for end-user training cost estimate @\$1,400/day + travel User caucus end users. No limit on no Training designed as requested training only. No system of people Additional training at manager or administrator \$1K/day+travel training. Software 21,000 \$ 85,820 Does not include cost of Includes 3 upgrades for two of - Includes 10 copies of public six licenses and free copies of access software @ \$5,000/copy public acces copies of plan viewer software software Quoted cost \$3 500/copy 25,500 \$ Software Support Phone technical support May be Included in software cost See Maintenance below overlap with on-site support **Annual Software** 24,000 \$ 8,350 \$ Maintenance Included in software cost until Included in software cost until Included in software cost until FY 2003 FY 2003 FY 2003 563,865 \$ 795,194 \$ 874,936 TOTAL Proposal cost, less the annual maintenance amount for FY 2003

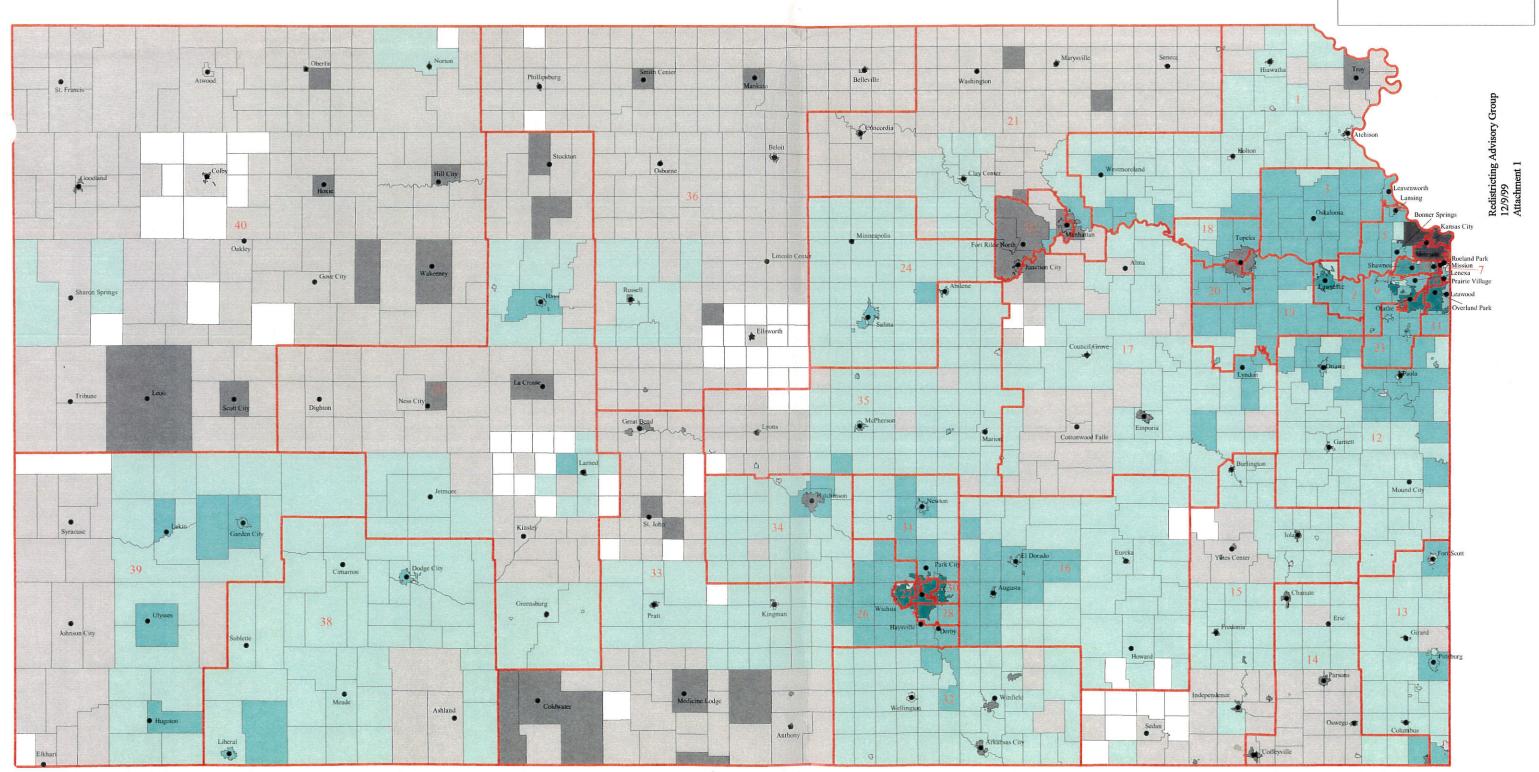
ummary	DEC		EDS		PSA
\$	315,927	\$	185,245	\$	207,810
\$	183,250	\$	461,534	\$	470,274
\$	64,688	\$	148,415	\$	141,240
\$	0	\$	0	\$	55,612
\$	563,865	\$	795,194	\$	874,936
	s \$ \$ \$ \$	\$ 315,927 \$ 183,250 \$ 64,688 \$ 0	\$ 315,927 \$ \$ 183,250 \$ \$ 64,688 \$ \$ 0 \$ \$ \$ 563,865 \$	\$ 315,927 \$ 185,245 \$ 183,250 \$ 461,534 \$ 64,688 \$ 148,415 \$ 0 \$ 0	\$ 315,927 \$ 185,245 \$ \$ 183,250 \$ 461,534 \$ \$ 64,688 \$ 148,415 \$ \$ 0 \$

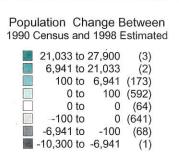
#### **Redistricting Process** 1999 2000 2002 Jul Feb Mar Apr May Jun Aug Sep Oct Nov Dec Feb Jan Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Jun Jul Apr May Aug State receives Census TIGER files State recieves PL data Develop Database for plan development SOS adjusts PL data for legislative redistricting SOS delivers adjusted figures to Legislature Subcommittees draw plans Legislative Session (90 Day constitutional limit) First day of Legislature First plans to Governor First plans published Attorney General presents 1st plans to KS Supreme Court Legislature extends session beyond 90 days Supreme Court rules on first plans If Supreme Court Rejects First Plans Legislature enacts second plans econd plans to Governor Second plans signed by Governor Attorney General presents 2nd plans to KS Supreme Court Supreme Court rules on second plans Candidate Filing Deadline for August Primary If Supreme Court rejects second plans Legislature enacts 3rd plan as mand

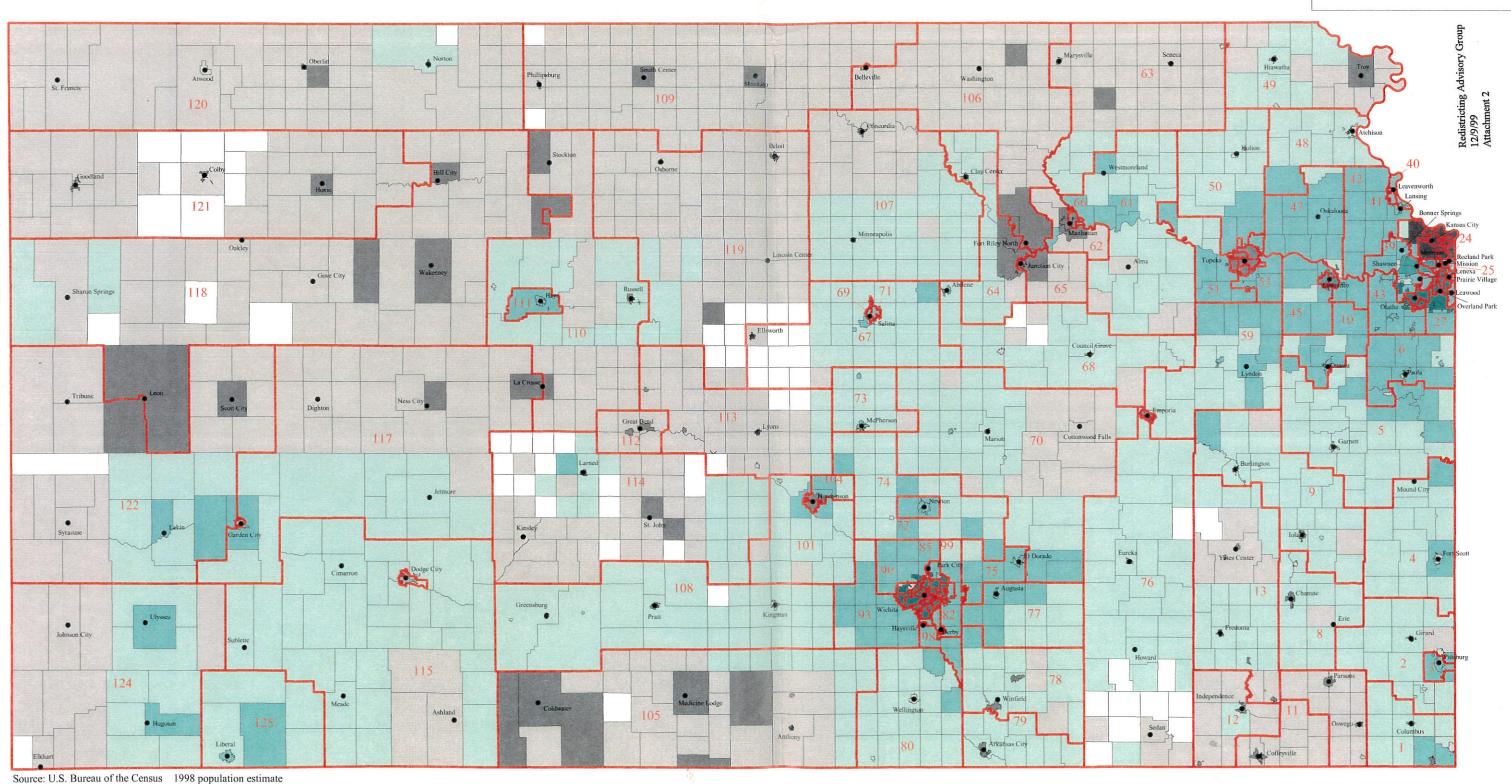
Printed: 12/08/1999

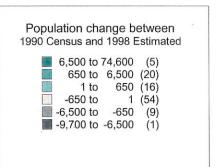
Page 1

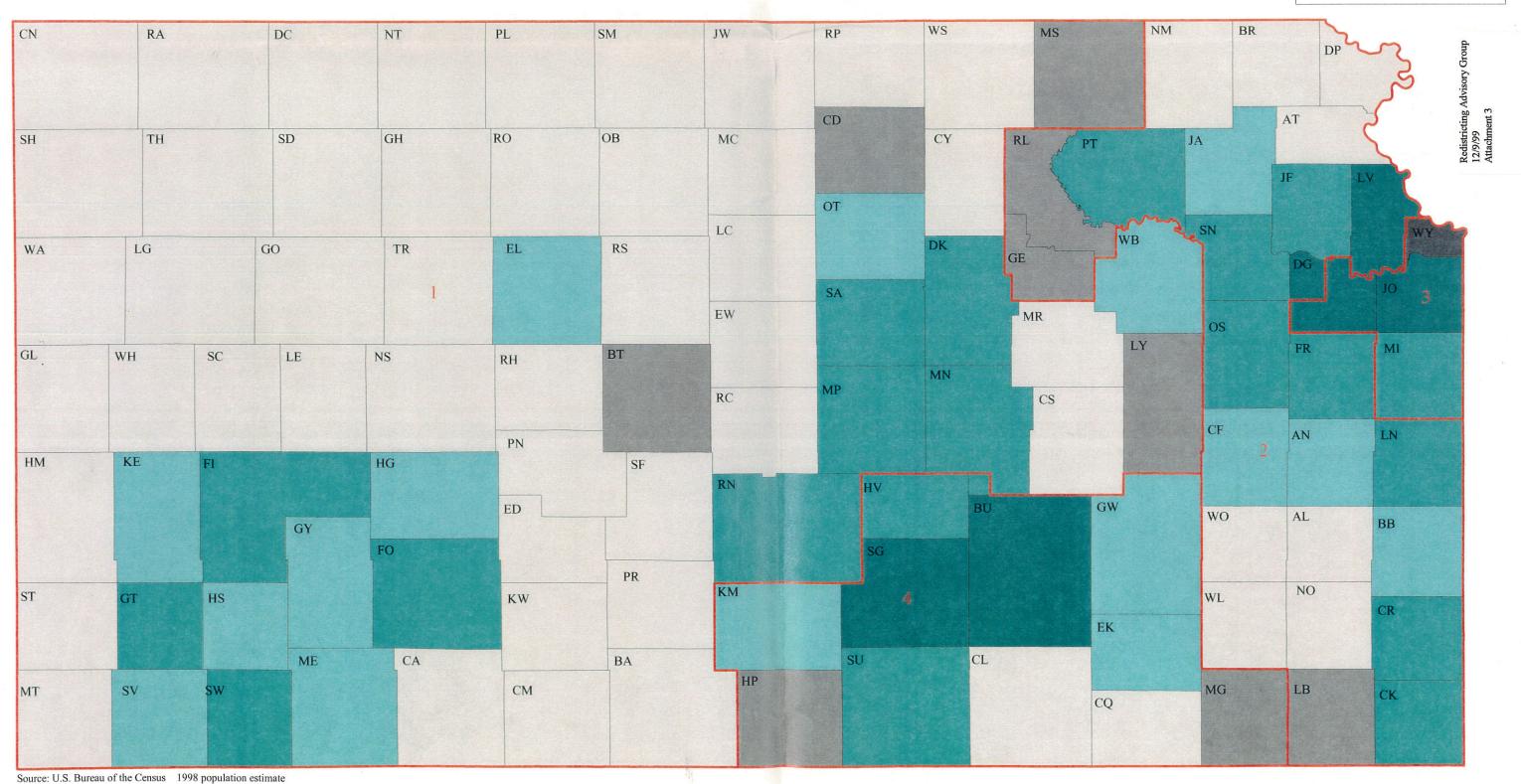












## CHANGE IN LEGISLATIVE REPRESENTATION BY COUNTY

	1990	1998
Ideal House District Population: Ideal Senate District	19,821	21,033
Population:	61,940	65,727

State/County and Area Name         4/1/90 Census         7/1/98 Estimate         County's Number of Number of Number of Senate Seats         County's Number of Senate Seats         County's Number of Senate Seats         County's Number of Senate Seats         Number of Senate Se	(0.0) (0.0) (0.0) (0.0) (0.0) (0.1)
Kansas         2,477,588         2,629,067           Allen         14,638         14,556         0.7         0.2         0.7         0.2         (0.0           Anderson         7,803         8,060         0.4         0.1         0.4         0.1         (0.0           Atchison         16,932         16,908         0.9         0.3         0.8         0.3         (0.1           Barber         5,874         5,342         0.3         0.1         0.3         0.1         (0.0           Barton         29,382         27,641         1.5         0.5         1.3         0.4         (0.2           Bourbon         14,966         15,260         0.8         0.2         0.7         0.2         (0.0	(0.0) (0.0) (0.0) (0.1)
Allen       14,638       14,556       0.7       0.2       0.7       0.2       0.0         Anderson       7,803       8,060       0.4       0.1       0.4       0.1       0.4       0.1       0.0         Atchison       16,932       16,908       0.9       0.3       0.8       0.3       0.1         Barber       5,874       5,342       0.3       0.1       0.3       0.1       0.0         Barton       29,382       27,641       1.5       0.5       1.3       0.4       0.2         Bourbon       14,966       15,260       0.8       0.2       0.7       0.2       0.0	(0.0) (0.0) (0.0) (0.1)
Anderson       7,803       8,060       0.4       0.1       0.4       0.1       0.0         Atchison       16,932       16,908       0.9       0.3       0.8       0.3       (0.1         Barber       5,874       5,342       0.3       0.1       0.3       0.1       (0.0         Barton       29,382       27,641       1.5       0.5       1.3       0.4       (0.2         Bourbon       14,966       15,260       0.8       0.2       0.7       0.2       (0.0	(0.0) (0.0) (0.0) (0.1)
Atchison       16,932       16,908       0.9       0.3       0.8       0.3       (0.1         Barber       5,874       5,342       0.3       0.1       0.3       0.1       (0.0         Barton       29,382       27,641       1.5       0.5       1.3       0.4       (0.2         Bourbon       14,966       15,260       0.8       0.2       0.7       0.2       (0.0	(0.0) (0.0) (0.1)
Barber     5,874     5,342     0.3     0.1     0.3     0.1     (0.0       Barton     29,382     27,641     1.5     0.5     1.3     0.4     (0.2       Bourbon     14,966     15,260     0.8     0.2     0.7     0.2     (0.0	(0.0)
Barton 29,382 27,641 1.5 0.5 1.3 0.4 0.2 Bourbon 14,966 15,260 0.8 0.2 0.7 0.2 0.0	(0.1)
Bourbon 14,966 15,260 0.8 0.2 0.7 0.2 0.0	
	(0.0)
Brown 11,128 11,070 0.6 0.2 0.5 0.2 (0.0	AND REAL PROPERTY AND ADDRESS OF THE PARTY O
Butler 50,580 61,932 2.6 0.8 2.9 0.9 0.4	0.1
Chase 3,021 2,950 0.2 0.0 0.1 0.0 0.0	(0.0)
Chautaugua 4,407 4,360 0.2 0.1 0.2 0.1 (0.0	
Cherokee 21,374 22,552 1.1 0.3 1.1 0.3 (0.0	
Cheyenne 3,243 3,174 0.2 0.1 0.2 0.0 (0.0	
Clark 2,418 2,361 0.1 0.0 0.1 0.0 0.0	
Clay 9,158 9,148 0.5 0.1 0.4 0.1 0.00 Cloud 11,023 10,027 0.6 0.2 0.5 0.2 0.1	
Cloud 11,023 10,027 0.6 0.2 0.5 0.2 0.1 Coffey 8,404 8,696 0.4 0.1 0.4 0.1 (0.0	THE RESERVE OF THE PARTY OF THE
Comanche 2,313 2,012 0.1 0.0 0.1 0.0 (0.0	100 To 10
Cowley 36,915 36,319 1.9 0.6 1.7 0.6 (0.1	
Crawford 35,582 36,360 1.8 0.6 1.7 0.6 (0.1	
Decatur 4,021 3,456 0.2 0.1 0.2 0.1 (0.0	AND REAL PROPERTY OF THE PARTY
Dickinson 18,958 19,742 1.0 0.3 0.9 0.3 (0.0	
Doniphan 8,134 7,856 0.4 0.1 0.4 0.1 (0.0	
Douglas 81,798 93,137 4.1 1.3 4.4 1.4 0.3	0.1
Edwards 3,787 3,312 0.2 0.1 0.2 0.1 (0.0	
Elk 3,327 3,351 0.2 0.1 0.2 0.1 (0.0	
Ellis 26,004 26,309 1.3 0.4 1.3 0.4 (0.1 Ellsworth 6.586 6.285 0.3 0.1 0.3 0.1 (0.0 0.0 0.1 0.3 0.1 0.3 0.1 0.3 0.1 0.0 0.0 0.0 0.1 0.3 0.1 0.	
	0.0
Finney 33,070 36,514 1.7 0.5 1.7 0.6 0.1 Ford 27,463 29,382 1.4 0.4 1.4 0.4 0.0	0.0
Franklin 21,994 24,768 1.1 0.4 1.2 0.4 0.1	0.0
Geary 30,453 25,370 1.5 0.5 1.2 0.4 (0.3	
Gove 3,231 3,054 0.2 0.1 0.1 0.0 (0.0	
Graham 3,543 3,204 0.2 0.1 0.2 0.0 0.0	
Grant 7,159 8,012 0.4 0.1 0.4 0.1 0.0	0.0
Gray 5,396 5,595 0.3 0.1 0.3 0.1 0.0 Greeley 1,774 1,704 0.1 0.0 0.1 0.0 0.1 0.0	HARVEST CO. CO., Co., Co., Co., Co., Co., Co., Co., Co
Greenwood 7,847 8,139 0.4 0.1 0.4 0.1 0.0 0.1	
Harper 7,124 6,430 0.4 0.1 0.3 0.1 (0.1	the same of the sa
Harvey 31,028 34,361 1.6 0.5 1.6 0.5 0.1	0.0
Haskell 3,886 3,976 0.2 0.1 0.2 0.1 (0.0	
Hodgeman 2,177 2,209 0.1 0.0 0.1 0.0 (0.0	
Jackson 11,525 12,130 0.6 0.2 0.6 0.2 (0.0	
Jefferson 15,905 18,243 0.8 0.3 0.9 0.3 0.1	0.0
Jewell 4,251 3,867 0.2 0.1 0.2 0.1 0.0 0.1 Johnson 355 021 429.563 17.9 5.7 20.4 6.5 2.5	(0.0) 0.8
001110011	
7.10.11.)	THE RESERVE OF THE PARTY OF THE
Kingman 8,292 8,543 0.4 0.1 0.4 0.1 0.2 0.1 0.	MANAGEMENT OF THE PERSON OF TH
Labette 23,693 23,030 1.2 0.4 1.1 0.4 (0.1	THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.
Lane 2,375 2,264 0.1 0.0 0.1 0.0 0.0	
Leavenworth 64,371 71,299 3.2 1.0 3.4 1.1 0.1	0.0
Lincoln 3,653 3,338 0.2 0.1 0.2 0.1 (0.0	
Linn 8,254 9,158 0.4 0.1 0.4 0.1 0.0	0.0
Logan 3,081 2,987 0.2 0.0 0.1 0.0 0.0 0.1	
Lyon 34,732 33,920 1.8 0.6 1.6 0.5 0.1 1.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0	STATE OF THE PERSON OF THE PER
10.000	
Marion 12,888 13,593 0.7 0.2 0.6 0.2 0.6 Marshall 11,705 11,006 0.6 0.2 0.5 0.2 0.1	(0.0)
Redistricting A	

Redistricting Advisory Group 12/9/99 Attachment 4

			4/1/90 0	Census	7/1/98 E	stimate	Diffe	rence
State/County and Area Name	4/1/90 Census	7/1/98 Estimate	County's Number of House Seats	County's Number of Senate Seats	County's Number of House Seats	County's Number of Senate Seats	House	Senate
and Area Name	Celisus	Estillate	House Seats	Jeats	Jeans	- Octats	- Trouse	- Condition
Meade	4,247	4,424	0.2	0.1	0.2	0.1	(0.0)	(0.0)
Miami	23,466	26,597	1.2	0.1	1.3	0.4	0.1	0.0
Mitchell	7,203	6,936	0.4	0.1	0.3	0.1	(0.0)	(0.0)
Montgomery	38,816	37,089	2.0	0.6	1.8	0.6	(0.2)	(0.1)
Morris	6,198	6,169	0.3	0.0	0.3	0.1	(0.0)	(0.0)
Morton	3,480	3,440	0.3	0.1	0.2	0.1	(0.0)	(0.0)
Nemaha	10,446	10,132	0.2	0.1	0.5	0.1	(0.0)	(0.0)
	17,035	16,760	0.9	0.2	0.8	0.3	(0.1)	(0.0)
Neosho	4,033	3,607	0.9	0.3	0.0	0.5	(0.0)	(0.0)
Ness			0.2	0.1	0.2	0.1	(0.0)	(0.0)
Norton	5,947	5,752	0.3	0.1	0.8	0.1	0.0	0.0
Osage	15,248	17,139	0.8	0.2	0.8	0.3	(0.0)	(0.0)
Osborne	4,867	4,712		0.1	0.2	0.1	(0.0)	(0.0)
Ottawa	5,634	5,905	0.3					(0.0)
Pawnee	7,555	7,437	0.4	0.1	0.4	0.1	(0.0)	
Phillips	6,590	6,080	0.3	0.1	0.3	0.1	(0.0)	(0.0)
Pottawatomie	16,128	18,691	0.8	0.3	0.9	0.3	0.1	0.0
Pratt	9,702	9,700	0.5	0.2	0.5	0.1	(0.0)	(0.0)
Rawlins	3,404	3,125	0.2	0.1	0.1	0.0	(0.0)	(0.0)
Reno	62,389	63,211	3.1	1.0	3.0	1.0	(0.1)	(0.0)
Republic	6,482	6,102	0.3	0.1	0.3	0.1	(0.0)	(0.0)
Rice	10,610	10,360	0.5	0.2	0.5	0.2	(0.0)	(0.0)
Riley	67,139	63,615	3.4	1.1	3.0	1.0	(0.4)	(0.1)
Rooks	6,039	5,660	0.3	0.1	0.3	0.1	(0.0)	(0.0)
Rush	3,842	3,413	0.2	0.1	0.2	0.1	(0.0)	(0.0)
Russell	7,835	7,558	0.4	0.1	0.4	0.1	(0.0)	(0.0)
Saline	49,301	51,617	2.5	0.8	2.5	8.0	(0.0)	(0.0)
Scott	5,289	5,018	0.3	0.1	0.2	0.1	(0.0)	(0.0)
Sedgwick	403,662	448,050	20.4	6.5	21.3	6.8	0.9	0.3
Seward	18,743	19,984	0.9	0.3	1.0	0.3	0.0	0.0
Shawnee	160,976	165,348	8.1	2.6	7.9	2.5	(0.3)	(0.1)
Sheridan	3,043	2,741	0.2	0.0	0.1	0.0	(0.0)	(0.0)
Sherman	6,926	6,511	0.3	0.1	0.3	0.1	(0.0)	(0.0)
Smith	5,078	4,588	0.3	0.1	0.2	0.1	(0.0)	(0.0)
Stafford	5,365	5,000	0.3	0.1	0.2	0.1	(0.0)	(0.0)
Stanton	2,333	2,265	0.1	0.0	0.1	0.0	(0.0)	(0.0)
Stevens	5,048	5,371	0.3	0.1	0.3	0.1	0.0	0.0
Sumner	25,841	27,043	1.3	0.4	1.3	0.4	(0.0)	(0.0)
Thomas	8,258	8,037	0.4	0.1	0.4	0.1	(0.0)	(0.0)
Trego	3,694	3,283	0.2	0.1	0.2	0.0	(0.0)	(0.0)
Wabaunsee	6,603	6,651	0.3	0.1	0.3	0.1	(0.0)	(0.0)
Wallace	1,821	1,802	0.1	0.0	0.1	0.0	(0.0)	(0.0)
Washington	7,073	6,490	0.4	0.1	0.3	0.1	(0.0)	(0.0)
Wichita	2,758	2,643	0.4	0.0	0.1	0.0	(0.0)	(0.0)
Wilson	10,289	10,218	0.5	0.0	0.5	0.2	(0.0)	(0.0)
Woodson	4,116	3,983	0.3	0.1	0.2	0.1	(0.0)	(0.0)
	162,026	152,355	8.2	2.6	7.2	2.3	(0.9)	(0.3)
Wyandotte				2.0			(0.0)	(3.0)
TOTALS	2,477,588	2,629,067						

# CHANGE IN LEGISLATIVE REPRESENTATION BY COUNTY—RANKED

	1,990	1,998
Ideal House District		
Population:	19,821	21,033
Ideal Senate District		
Ideal Senate District Population:	61,940	65,727

Population:	61,940	65,727	4/4/00	0	7/4/00 5	414	D:ff-	
			4/1/90 County's	Census County's	County's	Estimate County's	Diffe	rence
			Number of	Number of	Number	Number		
State/County Code	4/1/90 Census	7/1/98 Estimate	House Seats	Senate Seats	of House Seats	of Senate Seats	House	Senate
and Area Name	4/1/90 Census	1/1/96 Estimate				Jeals	House	Jenate
Kansas	2,477,588	2,629,067						
Wyandotte	162,026	152,355	8.2	2.6	7.2	2.3	(0.9)	(0.3)
Riley	67,139	63,615	3.4	1.1	3.0	1.0	(0.4)	(0.1)
Geary	30,453	25,370	1.5	0.5	1.2	0.4	(0.3)	(0.1)
Shawnee	160,976	165,348	8.1	2.6	7.9	2.5	(0.3)	(0.1)
Montgomery	38,816	37,089	2.0	0.6 0.5	1.8 1.3	0.6 0.4	(0.2)	(0.1) (0.1)
Barton Reno	29,382 62,389	27,641 63,211	1.5 3.1	1.0	3.0	1.0	(0.2)	(0.0)
Lyon	34,732	33,920	1.8	0.6	1.6	0.5	(0.1)	(0.0)
Cowley	36,915	36,319	1.9	0.6	1.7	0.6	(0.1)	(0.0)
Labette	23,693	23,030	1.2	0.4	1.1	0.4	(0.1)	(0.0)
Cloud	11,023	10,027	0.6	0.2	0.5	0.2	(0.1)	(0.0)
Marshall	11,705	11,006	0.6	0.2	0.5	0.2	(0.1)	(0.0)
Crawford	35,582	36,360	1.8	0.6	1.7	0.6	(0.1)	(0.0)
Neosho	17,035	16,760	0.9 1.3	0.3 0.4	0.8 1.3	0.3 0.4	(0.1)	(0.0)
Ellis Harper	26,004 7,124	26,309 6,430	0.4	0.4	0.3	0.4	(0.1)	(0.0)
Atchison	16,932	16,908	0.9	0.3	0.8	0.3	(0.1)	(0.0)
Washington	7,073	6,490	0.4	0.1	0.3	0.1	(0.0)	(0.0)
Allen	14,638	14,556	0.7	0.2	0.7	0.2	(0.0)	(0.0)
Nemaha	10,446	10,132	0.5	0.2	0.5	0.2	(0.0)	(0.0)
Phillips	6,590	6,080	0.3	0.1	0.3	0.1	(0.0)	(0.0)
Rice	10,610	10,360	0.5	0.2	0.5	0.2	(0.0)	(0.0)
Barber	5,874	5,342	0.3	0.1	0.3	0.1	(0.0)	(0.0)
Sherman	6,926 4,021	6,511 3,456	0.3 0.2	0.1 0.1	0.3	0.1 0.1	(0.0)	(0.0)
Decatur Smith	5,078	4,588	0.2	0.1	0.2	0.1	(0.0)	(0.0)
Republic	6,482	6,102	0.3	0.1	0.3	0.1	(0.0)	(0.0)
Doniphan	8,134	7,856	0.4	0.1	0.4	0.1	(0.0)	(0.0)
Russell	7,835	7,558	0.4	0.1	0.4	0.1	(0.0)	(0.0)
Rooks	6,039	5,660	0.3	0.1	0.3	0.1	(0.0)	(0.0)
Brown	11,128	11,070	0.6	0.2	0.5	0.2 0.1	(0.0)	(0.0)
Thomas	8,258 7,203	8,037 6,936	0.4 0.4	0.1 0.1	0.4	0.1	(0.0)	(0.0)
Mitchell Edwards	3,787	3,312	0.4	0.1	0.2	0.1	(0.0)	(0.0)
Ellsworth	6,586	6,285	0.3	0.1	0.3	0.1	(0.0)	(0.0)
Wilson	10,289	10,218	0.5	0.2	0.5	0.2	(0.0)	(0.0)
Saline	49,301	51,617	2.5	0.8	2.5	8.0	(0.0)	(0.0)
Stafford	5,365	5,000	0.3	0.1	0.2	0.1	(0.0)	(0.0)
Ness	4,033	3,607	0.2	0.1	0.2	0.1	(0.0)	(0.0)
Rush	3,842 4,251	3,413 3,867	0.2 0.2	0.1 0.1	0.2	0.1 0.1	(0.0)	(0.0)
Jewell Trego	3,694	3,283	0.2	0.1	0.2	0.0	(0.0)	(0.0)
Bourbon	14,966	15,260	0.8	0.2	0.7	0.2	(0.0)	(0.0)
Pratt	9,702	9,700	0.5	0.2	0.5	0.1	(0.0)	(0.0)
Scott	5,289	5,018	0.3	0.1	0.2	0.1	(0.0)	(0.0)
Pawnee	7,555	7,437	0.4	0.1	0.4	0.1	(0.0)	(0.0)
Clay	9,158	9,148	0.5	0.1	0.4	0.1	(0.0)	(0.0)
Norton	5,947	5,752	0.3	0.1	0.3	0.1	(0.0)	(0.0)
Graham	3,543 3,653	3,204 3,338	0.2 0.2	0.1 0.1	0.2	0.0 0.1	(0.0)	(0.0)
Lincoln Sheridan	3,043	2,741	0.2	0.0	0.2	0.0	(0.0)	(0.0)
Rawlins	3,404	3,125	0.2	0.1	0.1	0.0	(0.0)	(0.0)
Osborne	4,867	4,712	0.2	0.1	0.2	0.1	(0.0)	(0.0)
Comanche	2,313	2,012	0.1	0.0	0.1	0.0	(0.0)	(0.0)
Kiowa	3,660	3,470	0.2	0.1	0.2	0.1	(0.0)	(0.0)
Morris	6,198	6,169	0.3	0.1	0.3	0.1	(0.0)	(0.0)
Woodson	4,116	3,983	0.2	0.1 0.4	0.2	0.1 0.4	(0.0)	(0.0)
Sumner	25,841	27,043	1.3	0.4	1.3	0.4	(0.0)	(0.0)

			4/1/90	Census	7/1/98 E	stimate	Differ	rence
State/County Code and Area Name	4/1/90 Census	7/1/98 Estimate	County's Number of House Seats	County's	County's Number of House Seats	County's Number	House	Senate
and Area Name	4/ I/30 Cellsus	111130 Estimate	Jeals	Jeats	Jeals	Ocats	Tiouse	Condition
Dickinson	18,958	19,742	1.0	0.3	0.9	0.3	(0.0)	(0.0)
Gove	3,231	3,054	0.2	0.1	0.1	0.0	(0.0)	(0.0)
Wabaunsee	6,603	6,651	0.3	0.1	0.3	0.1	(0.0)	(0.0)
Chautauqua	4,407	4,360	0.2	0.1	0.2	0.1	(0.0)	(0.0)
McPherson	27,268	28,630	1.4	0.4	1.4	0.4	(0.0)	(0.0)
Wichita	2,758	2,643	0.1	0.0	0.1	0.0	(0.0)	(0.0)
Logan	3,081	2,987	0.2	0.0	0.1	0.0	(0.0)	(0.0)
Cheyenne	3,243	3,174	0.2	0.1	0.2	0.0	(0.0)	(0.0)
Lane	2,375	2,264	0.1	0.0	0.1	0.0	(0.0)	(0.0)
Kingman	8,292	8,543	0.4	0.1	0.4	0.1	(0.0)	(0.0)
Chase	3,021	2,950	0.2	0.0	0.1	0.0	(0.0)	(0.0)
Morton	3,480	3,440	0.2	0.1	0.2	0.1	(0.0)	(0.0)
Coffey	8,404	8,696	0.4	0.1	0.4	0.1	(0.0)	(0.0)
Anderson	7,803	8,060	0.4	0.1	0.4	0.1	(0.0)	(0.0)
Stanton	2,333	2,265	0.1	0.0	0.1	0.0	(0.0)	(0.0)
Clark	2,418	2,361	0.1	0.0	0.1	0.0	(0.0)	(0.0)
Hamilton	2,388	2,343	0.1	0.0	0.1	0.0	(0.0)	(0.0)
Greenwood	7,847	8,139	0.4	0.1	0.4	0.1	(0.0)	(0.0)
Elk	3,327	3,351	0.2	0.1	0.2	0.1	(0.0)	(0.0)
Greeley	1,774	1,704	0.1	0.0	0.1	0.0	(0.0)	(0.0)
Haskell	3,886	3,976	0.2	0.1	0.2	0.1	(0.0)	(0.0)
Gray	5,396	5,595	0.3	0.1	0.3	0.1	(0.0)	(0.0)
Wallace	1,821	1,802	0.1	0.0	0.1	0.0	(0.0)	(0.0)
Cherokee	21,374	22,552	1.1	0.3	1.1	0.3	(0.0)	(0.0)
Hodgeman	2,177	2,209	0.1	0.0	0.1	0.0	(0.0)	(0.0)
Jackson	11,525	12,130	0.6	0.2	0.6	0.2	(0.0)	(0.0)
Kearny	4,027	4,177	0.2	0.1	0.2	0.1	(0.0)	(0.0)
Marion	12,888	13,593	0.7	0.2	0.6	0.2	(0.0)	(0.0)
Meade	4,247	4,424	0.2	0.1	0.2	0.1	(0.0)	(0.0)
Ottawa	5,634	5,905	0.3	0.1	0.3	0.1	(0.0)	(0.0)
Stevens	5,048	5,371	0.3	0.1	0.3	0.1	0.0	0.0
Seward	18,743	19,984	0.9	0.3	1.0	0.3	0.0	0.0
Ford	27,463	29,382	1.4	0.4	1.4	0.4	0.0	0.0
Linn	8,254	9,158	0.4	0.1	0.4	0.1	0.0	0.0
Grant	7,159	8,012	0.4	0.1	0.4	0.1	0.0	0.0
Osage	15,248	17,139	0.8	0.2	0.8	0.3	0.0	0.0
Jefferson	15,905	18,243	0.8	0.3	0.9	0.3	0.1	0.0
Finney	33,070	36,514	1.7	0.5	1.7	0.6	0.1	0.0
Franklin	21,994	24,768	1.1	0.4	1.2	0.4	0.1	0.0
Harvey	31,028	34,361	1.6	0.5	1.6	0.5	0.1	0.0
Pottawatomie	16,128	18,691	0.8 1.2	0.3	0.9	0.3	0.1	0.0
Miami	23,466	26,597	3.2	0.4	3.4	1.1	0.1	0.0
Leavenworth	64,371	71,299		90 80 1	4.4	1.1	0.1	0.0
Douglas	81,798 50,580	93,137	4.1 2.6	1.3 0.8	2.9	0.9	0.3	0.1
Butler	50,580	61,932 448,050	20.4	6.5	21.3	6.8	0.4	0.1
Sedgwick	403,662 355,021	429,563	17.9	5.7	20.4	6.5	2.5	0.8
Johnson			11.5	5.1		0.0	2.0	0.0
TOTAL	2,477,588	2,629,067						

#28683.01(12/6/99{3:50PM})

7/1/98 Pop. Inc. Estimate (Dec.) 4/1/90 County Census

Kansas	2,477,588 2,629,067	657,267 1998 Ideal District Pop.
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(Over) Under Ideal Pop.

	-,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Di-4 1 4 4			
District 1	5.07.4	5.040	(500)
Barber	5,874	5,342	(532)
Barton	29,382	27,641	(1,741)
Chase	3,021	2,950	(71)
Cheyenne	3,243	3,174	(69)
Clark	2,418	2,361	(57)
Clay	9,158	9,148	(10)
Cloud	11,023	10,027	(996)
Comanche	2,313	2,012	(301)
Decatur	4,021	3,456	(565)
Dickinson	18,958	19,742	784
Edwards	3,787	3,312	(475)
Ellis	26,004	26,309	305
Ellsworth	6,586	6,285	(301)
Finney	33,070	36,514	3,444
Ford	27,463	29,382	1,919
Gove	3,231	3,054	(177)
Graham	3,543	3,204	(339)
Grant	7,159	8,012	853
Gray	5,396	5,595	199
Greeley	1,774	1,704	(70)
Hamilton	2,388	2,343	(45)
Haskell	3,886	3,976	90
Hodgeman	2,177	2,209	32
Jewell	4,251	3,867	(384)
Kearny	4,027	4,177	150
Kiowa	3,660	3,470	(190)
Lane	2,375	2,264	(111)
Lincoln	3,653	3,338	(315)
Logan	3,081	2,987	(94)
Lyon	34,732	33,920	(812)
Marion (pt.)	11,353	12,120	767
Marshall	11,705	11,006	(699)
McPherson	27,268	28,630	1,362
Meade	4,247	4,424	177
Mitchell	7,203	6,936	(267)
Morris	6,198	6,169	(29)
Morton	3,480	3,440	(40)
Ness	4,033	3,607	(426)
Norton	5,947	5,752	(195)
Osborne	4,867	4,712	(155)
Ottawa	5,634	5,905	271
Pawnee	7,555	7,437	(118)
Phillips	6,590	6,080	(510)
Pratt	9,702	9,700	(2)
Rawlins	3,404	3,125	(279)
Reno	62,389	63,211	822
Republic	6,482	6,102	(380)
Rice	10,610	10,360	(250)
Rooks	6,039	5,660	(379)
Rush	3,842	3,413	(429)
Russell	7,835	7,558	(277)
Saline	49,301	51,617	2,316
Scott	5,289	5,018	(271)
Seward	18,743	19,984	1,241
Sheridan	3,043	2,741	(302)
Sherman	6,926	6,511	(415)
Smith	5,078	4,588	(490)
Stafford	5,365	5,000	(365)
Stanton	2,333	2,265	(68)
Stevens	5,048	5,371	323
Thomas	8,258	8,037	(221)
Trego	3,694	3,283	(411)
Wallace	6,603	6,651	48

Source: U.S. Census Bureau

1,821

1,802

(19)

Wallace

4/1/90 7/1/98 Pop. Inc. County Census Estimate (Dec.) 657,267 1998 Ideal District Pop. Kansas 2,477,588 2,629,067 (Over) Under Ideal Pop. Washington 7,073 6,490 (583)(115)2,758 Wichita 2.643 **District Total** 619,370 619,123 (247)38,144 District 2 14,638 14,556 (82)Allen Anderson 8,060 257 7,803 Atchison 16,932 16,908 (24)Bourbon 14,966 15,260 294 11,128 11,070 (58)Brown 1,178 Cherokee 21,374 22,552 Coffey 8,404 8,696 292 Crawford 35,582 36,360 778 7,856 (278)Doniphan 8,134 Douglas (pt.) 2872 3228 356 24,768 2,774 Franklin 21,994 30,453 25,370 (5,083)Geary Jacon 11,525 12,130 605 18,243 2,338 Jefferson 15,905 Labette 23,693 23,030 (663)Leavenworth 64,371 71,299 6,928 9,158 904 Linn 8,254 Nemaha 10,446 10,132 (314)16,760 (275)Neosho 17,035 Osage 15,248 17,139 1,891 Pottawatomie 16,128 18,691 2,563 Riley 67,139 63,615 (3,524)160,976 165,348 4,372 Shawnee Wilson 10,289 10,218 (71)(133)Woodson 4,116 3,983 22,837 **District Total** 619,405 634,430 15,025 District 3 Douglas (pt.) 78,926 89,909 10,983 Johnson 355,021 429,563 74,542 26,597 3,131 23,466 Miami (9,671)Wyandotte 162,026 152,355 **District Total** 619,439 698,424 109,035 (41,157)**District 4** 11,352 Butler 50,580 61,932 4,360 (47)Chautauqua 4.407 Cowley 36,319 (596)36,915 Elk 3,327 3,351 24 292 Greenwood 7,847 8,139 6,430 (694)Harper 7,124

3,333

(1,727) 44,388

1,202

(19,823)

57,716

151,479

251

(62)

Source: U.S. Census Bureau

Harvey

Kingman Marion (pt.)

Montgomery

**District Total** 

Sedgwick

Sumner

31,028

8,292

1,535

38,816

403,662

25,841

619,374

STATE TOTAL 2,477,588 2,629,067

34,361 8,543

1,473

37,089

448,050

27,043

677,090

## **KLRD**

## **Tally of Evaluation Sheets**

Vendor	Average Demo Evaluation	Perfect Demo Score	% of Perf	Avg. Proposal Score	Perfect Proposal Score	% of Perf	Total	%
DEC	315	472	66.8%	438	776	56.5%	753	60%
EDS PSA	317 392		67.2% 83.0%		776 776	64.0% 74.1%		65% 77%

Redistricting Advisory Group

Spec. Comm. on Redistricting Advisory Group 12-9-99 Attachment 5

# Redistricting – Vendor Support Proposals Cost Summary

ment Cost Summary	DEC	EDS	PSA	Comments/Notes
Vendor-provided On-site Personnel	\$ 175,000	\$ 210,878	\$ 0_	
	DEC1,000 hr. @ \$175/hr	EDS 14 mo on-site staffing @ \$78.13/hr plus travel, housing, transportation, etc	PSA didn't include cost of on-site staff, but quoted intermittent on-site support staff @ \$150/hr + travel.	
Geographic Database Preparation	\$ 79,800	\$ 60,748	\$ 65.887	
rieparation	Load, verify and correct VTDs only.	Verification of Legislative dists. and VTDs. Creation of 1999 and 2K basemaps and block to VTD equivalency.Est. approx. \$3,800 unnecessary cost.	Est. approx.\$10,000 costs for Phase 2 verification that are not necessary.	
Congressional Population Data Preparation	\$ 0	\$ 59,970	\$ 15,484	
	Assumes use of all PL data as provided by Bureau w/out analysis.	Includes loading of 1990 PL data for training purposes, 1999 pop estimates for training and analysis and 2K PL data. Also includes \$35,000 optional race data analysis.	Includes \$12,040 optional race data analysis.	Race data analysis probably necessary to make rac categories useable during redistricting.
Legislative Population Data Preparation	\$ 224,265	\$ 164,175	\$ 464,194	
	Includes consultation to SOS prior to start of 2002 session.	Anticipates SOS will input questionnaire results. Includes consultation w/SOS.	PSA indicated this amount is \$75K too high because of mathmatical error. Includes consultation w/SOS.	Both DEC and PSA included data entry in proposal cost.
Election/Registration Data Preparation	\$ 35,000	\$ 77,742	\$ 176,498	
	Includes disaggregation. Insufficient detail to isolate cost.	\$14,790 w/out disaggregation.	\$90,352 w/out disaggregation.	Disaggregation is necessary to make election/registration figures most useful.
Modifications for Post-Redistricting Activities	\$ 0	\$ 15,975	\$ 34,452	
	Did not include conversion of old election database.	Conversion of old election database after 2002 and modif of software.	Conversion of old election database after 2002 and consulting.	

Spec. Comm. on Reducting Advisory Group 12-9-99 Attachment b

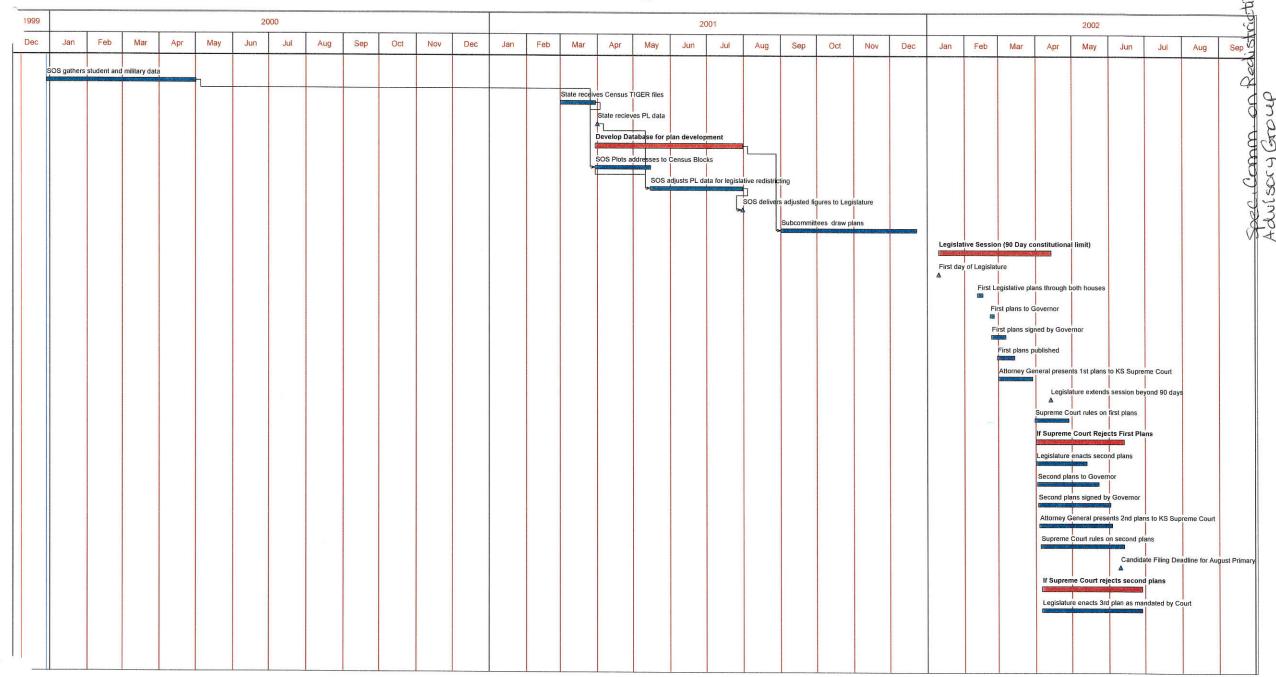
Comments/Notes

# Redistricting – Vendor Support Proposals Cost Summary

ment Cost Summary	DE	EC	EDS		PSA		
Training	\$	4,800	\$	19,500	\$	32,600	
	Two days of train @\$1,400/day + 1 training only. No manager or adm training.	travel. User system	3 days of training is system admin/mgi caucus end users of people. Additio \$1K/day+travel.	r. and 3 days for No limit on no.		aining and ng cost estimate. ned as requested.	
Software	\$	21,000	\$	152,356	\$	85,820	
	Includes 3 upgra six licenses and plan viewer soft	free copies of	Includes 10 copies access software @		Does not incl public acces software. Qu \$3,500/copy.	copies of	
Software Support	\$	0	\$	25,500	\$	(	
	See Maintenance	e below.	Phone technical si overlap with on-sit		Included in so	oftware cost.	
Annual Software Maintenance	\$	24.000	s	8,350	s	,	
- Maintenance	Included in softw FY 2003.		Included in software FY 2003.			ftware cost until	
TOTAL	\$	563,865	\$	795,194	\$	874,936	
						t, less the annual amount for FY	

Fiscal Year Cost S	ummary	DEC	EDS	 PSA
FY 2000	\$	315,927	\$ 185,245	\$ 207,810
FY 2001	\$	183,250	\$ 461,534	\$ 470,274
FY 2002	\$	64,688	\$ 148,415	\$ 141,240
FY 2003	\$	0	\$ 0	\$ 55,612
TOTAL	\$	563,865	\$ 795,194	\$ 874,936

# **Redistricting Process**



inted: 12/08/1999