APPENDIX

- **Chart TX-1.** Hypothetical Seats-Votes Curve;
- **Chart TX-11a.** Seats Won compared to Votes Received, Texas Congress, 1982-2004 (Seats-Votes Curve);
- **Chart TX-11b.** Seats Won compared to Votes Received, Texas Congress, 1982-2004 (Time Line Graph);
- **Chart TX-12.** Seats Won compared to Votes Received, Statewide Strength, 1962-2004 (Seats-Votes Curve);
- Chart TX-21. Seats Won compared to Votes Received, National Votes, 1982-2004 (Seats-Votes Curve);
- **Chart TX-22.** Seats Won compared to Votes Received, State Delegations, Major Party Vote, 2004 (Seats-Votes Curve);
- Chart TX-23. Seats Won compared to Votes Received, State Delegations, Average Percentage of the Major Party Vote, 2004 (Seats-Votes Curve);
- **Chart TX-24.** Seats Won compared to Votes Received, State Delegations, Presidential Results by Congressional District, 2004 (Seats-Votes Curve);
- **Chart TX-41.** False Cases in Congressional Elections, All States, 2004 (Table to accompany Charts TX-22, 23, and 24);
- **Chart TX-51.** Seats Won compared to Votes Received, State Delegations, Major Party Vote, 2000 (Seats-Votes Curve);
- **Chart TX-52.** Seats Won compared to Votes Received, State Delegations, Major Party Vote, 2002 (Seats-Votes Curve);
- **Chart TX-71.** Seats Won compared to Votes Received, Reports of the Clerk of the U.S. House of Representatives, All States, 1982-2004 (Table of Figures with Time Line Graph).

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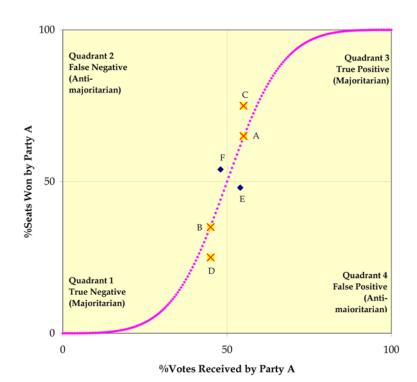
Hypothetical Seats-Votes Curve

Example of the relationship between Votes Received and Seats Won

Chart TX-1.

Curve value is 3

Votes Received, Seats Won

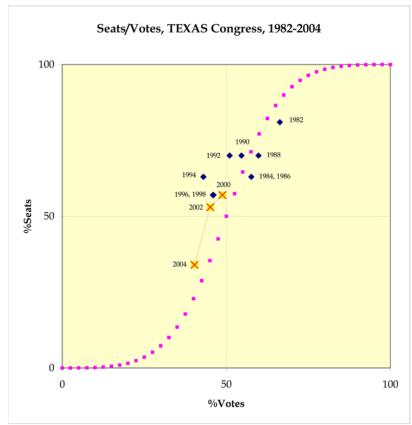


Data Point %Votes %Seats Quadrant True/False Status True Positive 3 В 45 35 1 True Negative C 55 75 3 **True Positive** D 25 True Negative 45 1 $\underline{\mathbf{E}}$ $\underline{48}$ False Positive <u>54</u> <u>4</u> $\underline{\mathbf{F}}$ <u>54</u> 2 False Negative <u>48</u>

[chart_tx01_majlabels.xls, page 1]

Seats Won compared to Votes Received, Texas Congress Votes based upon the Major Party Vote for Congress for the DEMOCRATS

Chart TX-11a. Curve value is 3

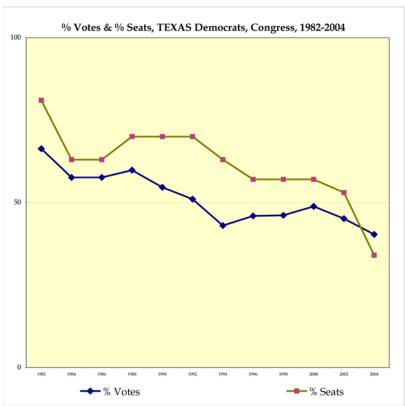


Note: Each symbol represents one election; years marked with an "X" are indicated on page 2.

5a

Appendix

Seats Won compared to Votes Received, Texas Congress Chart TX-11b.



The line chart illustrates the same information as the seats/votes chart.

Year	D% MajVote	D% TotSeats	D Seats	All Seats
1982	66	81	22	27
1984	58	63	17	27
1986	58	63	17	27
1988	60	70	19	27
1990	55	70	19	27
1992	51	70	21	30
1994	43	63	19	30
1996	46	57	17	30
1998	46	57	17	30
2000	<u>49</u>	<u>57</u>	<u>17</u>	30
2002	<u>45</u>	<u>53</u>	<u>17</u>	32
2004	<u>40</u>	<u>34</u>	<u>11</u>	32
		[chart_tx11.5	ds, page 2]	

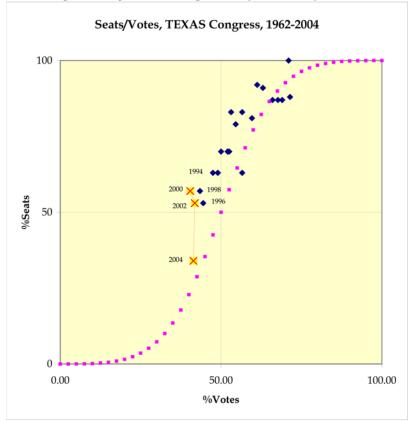
Seats Won compared to Votes Received, Statewide Strength

Chart TX-12.

Curve value is 3

Votes based upon the Major Party Statewide Strength for the DEMOCRATS

Curv Statewide Strength calculated by the lower court using all statewide partisan races except President.



Note: Each symbol represents one election; years marked with an "X" are underlined below.

D% TotVote	D% TotSeats	Year	D% TotVote	D%
63.0	91.0	1984	49.0	
71.0	100.0	1986	56.6	
67.7	87.0	1988	52.5	
69.0	87.0	1990	52.0	
66.0	87.0	1992	50.0	
53.1	83.0	1994	47.5	
71.4	88.0	1996	44.4	
61.2	92.0	1998	43.4	
56.6	83.0	<u>2000</u>	40.4	
54.5	79.0	<u>2002</u>	41.8	
E0.6	81.0	2004	41.4	
	63.0 71.0 67.7 69.0 66.0 53.1 71.4 61.2 56.6	63.0 91.0 71.0 100.0 67.7 87.0 69.0 87.0 66.0 87.0 71.4 88.0 61.2 92.0 56.6 83.0 54.5 79.0	63.0 91.0 1984 71.0 100.0 1986 67.7 87.0 1988 69.0 87.0 1990 66.0 87.0 1992 53.1 83.0 1994 71.4 88.0 1996 61.2 92.0 1998 56.6 83.0 2000 54.5 79.0 2002	63.0 91.0 1984 49.0 71.0 100.0 1986 56.6 67.7 87.0 1988 52.5 69.0 87.0 1990 52.0 66.0 87.0 1992 50.0 53.1 83.0 1994 47.5 71.4 88.0 1996 44.4 61.2 92.0 1998 43.4 56.6 83.0 2000 40.4 54.5 79.0 2002 41.8

[chart_tx12b.xls, page 1]

7a Appendix

Year	D% TotVote	D% TotSeats	D Seats	All Seats	D S/V %Dif
1962	63.0	91	20	22	44.4
1964	71.0	100	22	22	40.8
1966	67.7	87	20	23	28.6
1968	69.0	87	20	23	26.1
1970	66.0	87	20	23	31.8
1972	53.1	83	20	24	56.2
1974	71.4	88	21	24	23.2
1976	61.2	92	22	24	50.3
1978	56.6	83	20	24	46.7
1980	54.5	79	19	24	44.8
1982	59.6	81	22	27	35.9
1984	49.0	63	17	27	28.6
1986	56.6	63	17	27	11.4
1988	52.5	70	19	27	33.3
1990	52.0	70	19	27	34.5
1992	50.0	70	21	30	40.0
1994	47.5	63	19	30	32.7
1996	44.4	53	16	30	19.3
1998	43.4	57	17	30	31.2
2000	40.4	<u>57</u>	<u>17</u>	30	41.1
2002	41.8	<u>53</u>	<u>17</u>	32	26.7
2004	41.4	<u>34</u>	<u>11</u>	32	-17.9

Symbols indicated on the chart by an "X" are underlined in this table.

8a

Appendix

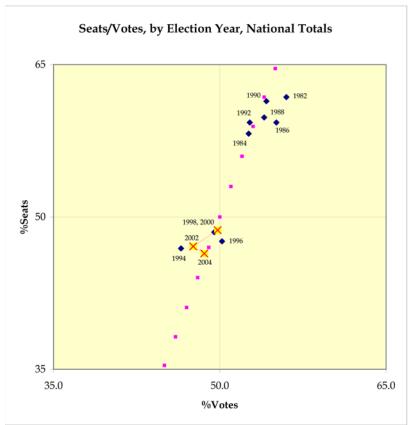
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9a

Seats Won compared to Votes Received, National Vote

Based upon the Major Party Votes for Congress for the DEMOCRATS

Chart TX-21. Curve value is 3



Note: Each symbol represents one congressional election; selected years may be marked by an "X" (underlined below).

D %Maj Vote	D% TotSeats	Year	D %Maj Vote	D% TotSeats
56.0	61.8	1994	46.5	46.9
52.6	58.2	1996	50.2	47.6
55.1	59.3	1998	49.5	48.5
54.0	59.8	2000	49.8	48.7
54.2	61.4	2002	47.6	47.1
52.7	59.3	2004	48.6	46.4
	56.0 52.6 55.1 54.0 54.2	56.0 61.8 52.6 58.2 55.1 59.3 54.0 59.8 54.2 61.4	56.0 61.8 1994 52.6 58.2 1996 55.1 59.3 1998 54.0 59.8 2000 54.2 61.4 2002	56.0 61.8 1994 46.5 52.6 58.2 1996 50.2 55.1 59.3 1998 49.5 54.0 59.8 2000 49.8 54.2 61.4 2002 47.6

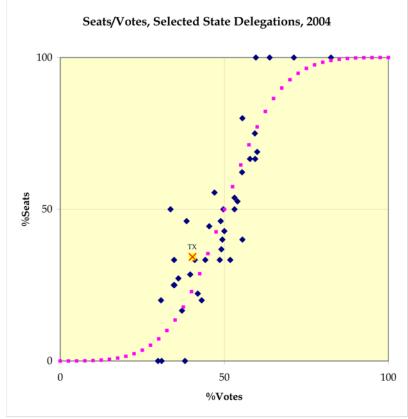
[chart_tx21.xls, page 1]

Seats Won compared to Votes Received, State Delegations

Chart TX-22.

Curve value is 3

Based upon the Major Party Vote for Congress for the DEMOCRATS
States excluded if: candidate not listed on the ballot in any district, or At-Large single member.



 $Note: Each \ symbol \ represents \ one \ congressional \ delegation; \ selected \ states \ may \ be \ marked \ by \ an \ "X" \ (see \ p.2).$

11a

Appendix

Sta	D% TotVote	D% TotSeats	D Seats	R Seats	D% MajVote	D% PtySeats	D S/V %Dif
AL	39.5	28.5	2	5	39.6	28.5	-28.0
AK	22.4	0.0	0	1	23.9	0.0	-100.0
AZ	31.9	25.0	2	6	34.6	25.0	-27.7
AR	n/a	75.0	3	1	n/a	75.0	n/a
CA	53.6	62.2	33	20	55.4	62.2	12.3
CO	48.8	42.8	3	4	50.0	42.8	-14.4
CT	55.0	40.0	2	3	55.5	40.0	-27.9
DE	29.6	0.0	0	1	30.0	0.0	-100.0
FL	n/a	28.0	7	18	n/a	28.0	n/a
GA	38.5	46.1	6	7	38.5	46.1	19.7
HI	62.8	100.0	2	0	63.8	100.0	56.7
ID	29.8	0.0	0	2	29.8	0.0	-100.0
IL	53.6	52.6	10	9	54.0	52.6	-2.6
IN	41.3	22.2	2	7	41.9	22.2	-47.0
IA	42.8	20.0	1	4	43.1	20.0	-53.6
KS	33.4	25.0	1	3	34.8	25.0	-28.2
KY	36.8	16.6	1	5	37.1	16.6	-55.3
LA	n/a	28.5	2	5	n/a	28.5	n/a
ME	58.9	100.0	2	0	59.6	100.0	67.8
MD	58.2	75.0	6	2	59.3	75.0	26.5
MA	79.8	100.0	10	0	82.5	100.0	21.2
MI	48.4	40.0	6	9	49.4	40.0	-19.0
MN	51.4	50.0	4	4	53.1	50.0	-5.8
MS	29.9	50.0	2	2	33.6	50.0	48.8
MO	44.7	44.4	4	5	45.4	44.4	-2.2
MT	32.7	0.0	0	1	33.7	0.0	-100.0
NE	30.1	0.0	0	3	30.9	0.0	-100.0
NV	42.1	33.3	1	2	44.2	33.3	-24.7
NH	37.3	0.0	0	2	38.0	0.0	-100.0
NJ	52.4	53.8	7	6	53.1	53.8	1.3
NM	51.8	33.3	1	2	51.8	33.3	-35.7
NY	59.1	68.9	20	9	60.0	68.9	14.8
NC	48.9	46.1	6	7	48.9	46.1	-5.7
ND	59.5	100.0	1	0	59.5	100.0	68.1
OH	48.5	33.3	6	12	48.6	33.3	-31.5
OK	28.3	20.0	1	4	30.7	20.0	-34.9
OR	53.7	80.0	4	1	55.5	80.0	44.1
PA	48.1	36.8	7	12	49.1	36.8	-25.1
RI	69.4	100.0	2	0	71.2	100.0	40.4
SC	33.8	33.3	2	4	34.7	33.3	-4.0
SD	53.3	100.0	1	0	53.7	100.0	86.2
TN	46.5	55.5	5	4	47.0	55.5	18.1
TX	39.0	34.3	<u>11</u>	<u>21</u>	40.3	34.3	-14.9
UT	39.7	33.3	1	2	41.0	33.3	-18.8
VT	7.1	0.0	0	0	22.6	n/a	n/a
VA	34.0	27.2	3	8	36.0	27.2	-24.4
WA	58.9	66.6	6	3	59.4	66.6	12.1
WV	57.5	66.6	2	1	57.8	66.6	15.2
WI	48.5	50.0	4	4	49.7	50.0	0.6
WY	41.8	0.0	0	1	43.0	0.0	-100.0
			202	232			

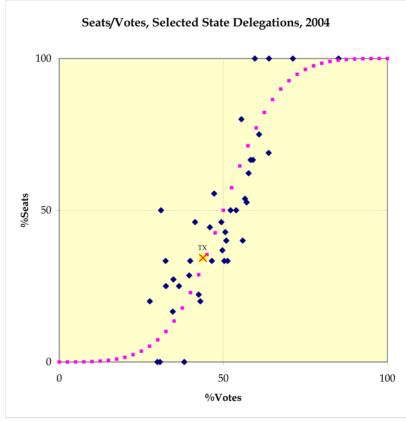
[chart_tx22.xls, page 2]

Seats Won compared to Votes Received, State Delegations

Chart TX-23.

Based upon the Average % of the Major Party Vote for Congress for the DEMOCRATS
States excluded if: candidate not listed on the ballot in any district, or At-Large single member.

Curve value is 3



 $Note: Each \ symbol \ represents \ one \ congressional \ delegation; \ selected \ states \ may \ be \ marked \ by \ an \ "X" \ (see \ p.2).$

Average

13a

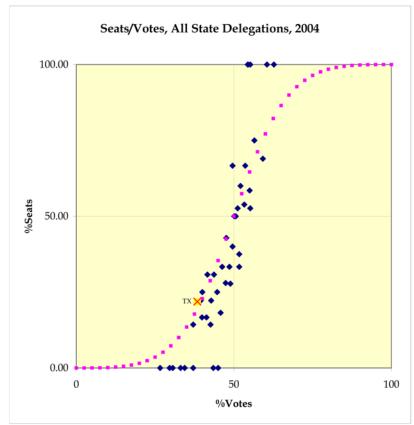
Appendix

AL 39.5 28.5 2 5 39.6 28.5 2.8 30.0 AK 22.4 0.0 0 1 23.9 0.0 1-10.00 1.0 1 23.9 0.0 1-10.00 1.0 AZ 23.1 1 23.0 1.0 1-10.00 1.0 AZ 23.1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Sta	D% TotVote	D% TotSeats	D Seats	R Seats	D% MajVote	D% PtySeats	D S/V %Dif
AZ 31,9 25,0 2 6 36,5 25,0 -31,5 AR n/a 75,0 3 1 n/a 75,0 n/a CA 35,5 62,2 33 20 57,7 62,2 78 CO 48,8 42,8 3 4 50,6 42,8 -15,4 CT 55,0 40,0 0 1 30,1 0 -28,4 CT 55,0 40,0 0 1 30,1 0 -20,1 GA 38,5 46,1 6 7 41,4 46,1 11,4 GA 38,5 46,1 6 7 41,4 46,1 11,4 HI 62,8 100,0 0 2 29,9 0 -100,0 IL 33,6 52,6 10 9 57,1 52,6 7,9 IN 41,3 22,2 2 7 42,5 22,2 47,8	AL	39.5	28.5	2	5	39.6	28.5	-28.0
ARR n/a 75.0 3 1 n/a 75.0 n/a CA 53.5 62.2 33 20 57.7 62.2 7.8 CO 44.8 42.8 3 4 50.6 42.8 1-54 CT 55.0 40.0 2 3 55.9 40.0 -28.4 DE 29.6 0.0 0 1 30.1 0.0 -100.0 FL n/a 28.0 7 18 n/a 44.1 46.1 11.4 HI 62.8 100.0 0 2 29.9 0.0 -100.0 IL 53.6 52.6 10 9 57.1 52.6 -7.9 IN 41.3 32.2 1 4 4.50 20.0 -7.9 IN 41.3 32.2 1 4 4.50 20.0 -7.9 IN 41.3 42.2 1 4 4.50 20.0<	AK	22.4	0.0	0	1	23.9	0.0	-100.0
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KY 36.8 16.6 1 5 34.6 16.6 -52.0 LA n/a 28.5 2 5 n/a 28.5 n/a ME 58.9 100.0 2 0 59.6 100.0 67.8 MD 58.2 75.0 6 2 60.9 75.0 23.2 MA 79.8 100.0 10 0 85.1 100.0 17.5 MI 48.4 40.0 6 9 50.9 40.0 -21.4 MN 51.4 50.0 4 4 33.9 50.0 -21.2 MS 29.9 50.0 2 2 31.0 50.0 61.3 MS 29.9 50.0 2 2 31.0 50.0 61.3 MO 44.7 44.4 4 5 45.9 44.4 -3.3 MI 32.7 0.0 0 1 30.7 0.0 -100								
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NE 30.1 0.0 0 3 30.7 0.0 -100.0 NV 42.1 33.3 1 2 46.5 33.3 -28.4 NH 37.3 0.0 0 2 38.1 0.0 -100.0 NJ 52.4 53.8 7 6 56.6 53.8 4.9 NM 51.8 33.3 1 2 51.3 33.3 -35.8 NY 59.1 68.9 20 9 63.8 68.9 8.0 NC 48.9 46.1 6 7 49.4 46.1 -6.7 ND 59.5 100.0 1 0 59.6 100.0 67.8 OH 48.5 33.3 6 12 50.3 33.3 -33.8 OK 28.3 20.0 1 4 27.6 20.0 -27.5 OR 53.7 80.0 4 1 55.5 80.0 4	MO	44.7	44.4			45.9		
NE 30.1 0.0 0 3 30.7 0.0 -100.0 NV 42.1 33.3 1 2 46.5 33.3 -28.4 NH 37.3 0.0 0 2 38.1 0.0 -100.0 NJ 52.4 53.8 7 6 56.6 53.8 4.9 NM 51.8 33.3 1 2 51.3 33.3 -35.8 NY 59.1 68.9 20 9 63.8 68.9 8.0 NC 48.9 46.1 6 7 49.4 46.1 -6.7 ND 59.5 100.0 1 0 59.6 100.0 67.8 OH 48.5 33.3 6 12 50.3 33.3 -33.8 OK 28.3 20.0 1 4 27.6 20.0 -27.5 OR 53.7 80.0 4 1 55.5 80.0 4								
NH 37.3 0.0 0 2 38.1 0.0 -100.0 NJ 52.4 53.8 7 6 56.6 53.8 -4.9 NM 51.8 33.3 1 2 51.3 33.3 -35.1 NY 59.1 68.9 20 9 63.8 68.9 8.0 NC 48.9 46.1 6 7 49.4 46.1 -6.7 ND 59.5 100.0 1 0 59.6 100.0 67.8 OH 48.5 33.3 6 12 50.3 33.3 -33.8 OK 28.3 20.0 1 4 27.6 20.0 -27.5 OR 53.7 80.0 4 1 55.5 80.0 44.1 PA 48.1 36.8 7 12 49.7 36.8 -26.0 RI 69.4 100.0 2 0 71.2 100.0 <	NE	30.1	0.0	0	3	30.7	0.0	
NJ 524 53.8 7 6 56.6 53.8 4.9 NM 51.8 33.3 1 2 51.3 33.3 -35.1 NY 59.1 68.9 20 9 63.8 68.9 8.0 NC 48.9 46.1 6 7 49.4 46.1 -6.7 ND 59.5 100.0 1 0 59.6 100.0 67.8 OH 48.5 33.3 6 12 50.3 33.3 -33.8 OK 28.3 20.0 1 4 27.6 20.0 -27.5 OR 53.7 80.0 4 1 55.5 80.0 44.1 PA 48.1 36.8 7 12 49.7 36.8 -26.0 RI 69.4 100.0 2 0 71.2 100.0 40.4 SC 33.8 33.3 2 4 32.4 33.3 <td< td=""><td>NV</td><td>42.1</td><td>33.3</td><td>1</td><td>2</td><td>46.5</td><td>33.3</td><td>-28.4</td></td<>	NV	42.1	33.3	1	2	46.5	33.3	-28.4
NM 51.8 33.3 1 2 51.3 33.3 -35.1 NY 59.1 68.9 20 9 63.8 68.9 8.0 NC 48.9 46.1 6 7 49.4 46.1 -6.7 ND 59.5 100.0 1 0 59.6 100.0 67.8 OH 48.5 33.3 6 12 50.3 33.3 -33.8 OK 28.3 20.0 1 4 27.6 20.0 -27.5 OR 53.7 80.0 4 1 55.5 80.0 44.1 PA 48.1 36.8 7 12 49.7 36.8 -26.0 RI 69.4 100.0 2 0 71.2 100.0 40.4 SC 33.8 33.3 2 4 32.4 33.3 2.8 SD 53.3 100.0 1 0 53.8 100.0	NH	37.3	0.0	0	2	38.1	0.0	-100.0
NY 59.1 68.9 20 9 63.8 68.9 8.0 NC 48.9 46.1 6 7 49.4 46.1 -6.7 ND 59.5 100.0 1 0 59.6 100.0 67.8 OH 48.5 33.3 6 12 50.3 33.3 -33.8 OK 28.3 20.0 1 4 27.6 20.0 -27.5 OR 53.7 80.0 4 1 55.5 80.0 44.1 PA 48.1 36.8 7 12 49.7 36.8 -26.0 RI 69.4 100.0 2 0 71.2 100.0 40.4 SC 33.8 33.3 2 4 32.4 33.3 2.8 SD 53.3 100.0 1 0 53.8 100.0 85.7 TX 39.0 34.3 11 21 43.8 34.3	NJ	52.4	53.8	7	6	56.6	53.8	-4.9
NC 48.9 46.1 6 7 49.4 46.1 -6.7 ND 59.5 100.0 1 0 59.6 100.0 67.8 OH 48.5 33.3 6 12 50.3 33.3 -33.8 OK 28.3 20.0 1 4 27.6 20.0 -27.5 OR 53.7 80.0 4 1 55.5 80.0 44.1 PA 48.1 36.8 7 12 49.7 36.8 -26.0 RI 69.4 100.0 2 0 71.2 100.0 40.4 SC 33.8 33.3 2 4 32.4 33.3 2.8 SD 53.3 100.0 1 0 53.8 100.0 85.9 TN 46.5 55.5 5 4 47.2 55.5 17.6 XIX 39.0 34.3 11 21 43.8 34.3	NM	51.8	33.3	1	2	51.3	33.3	-35.1
ND 59.5 100.0 1 0 59.6 100.0 67.8 OH 48.5 33.3 6 12 50.3 33.3 -33.8 OK 28.3 20.0 1 4 27.6 20.0 -27.5 OR 53.7 80.0 4 1 55.5 80.0 44.1 PA 48.1 36.8 7 12 49.7 36.8 -26.0 RI 69.4 100.0 2 0 71.2 100.0 40.4 SC 33.8 33.3 2 4 32.4 33.3 2.8 SD 53.3 100.0 1 0 53.8 100.0 85.9 TN 46.5 55.5 5 4 47.2 55.5 17.6 XI 39.0 34.3 11 21 43.8 34.3 -21.7 UT 39.7 33.3 1 2 39.9 33.3	NY	59.1	68.9	20	9	63.8	68.9	8.0
OH 48.5 33.3 6 12 50.3 33.3 -33.8 OK 28.3 20.0 1 4 27.6 20.0 -27.5 OR 53.7 80.0 4 1 55.5 80.0 44.1 PA 48.1 36.8 7 12 49.7 36.8 -26.0 RI 69.4 100.0 2 0 71.2 100.0 40.4 SC 33.8 33.3 2 4 32.4 33.3 2.8 SD 53.3 100.0 1 0 53.8 100.0 85.9 TN 46.5 55.5 5 4 47.2 55.5 17.6 XX 39.0 34.3 11 21 43.8 34.3 -21.7 UT 39.7 33.3 1 2 39.9 33.3 -16.5 VT 7.1 0.0 0 0 22.6 n/a <t< td=""><td>NC</td><td>48.9</td><td>46.1</td><td>6</td><td>7</td><td>49.4</td><td>46.1</td><td>-6.7</td></t<>	NC	48.9	46.1	6	7	49.4	46.1	-6.7
OK 28.3 20.0 1 4 27.6 20.0 -27.5 OR 53.7 80.0 4 1 55.5 80.0 44.1 PA 48.1 36.8 7 12 49.7 36.8 -26.0 RI 69.4 100.0 2 0 71.2 100.0 40.4 SC 33.8 33.3 2 4 32.4 33.3 2.8 SD 53.3 100.0 1 0 53.8 100.0 85.9 TN 46.5 55.5 5 4 47.2 55.5 17.6 XX 39.0 34.3 11 21 43.8 34.3 -21.7 UT 39.7 33.3 1 2 39.9 33.3 -16.5 VT 7.1 0.0 0 0 22.6 n/a n/a VA 34.0 27.2 3 8 34.8 27.2 -	ND	59.5	100.0	1	0	59.6	100.0	67.8
OR 53.7 80.0 4 1 55.5 80.0 44.1 PA 48.1 36.8 7 12 49.7 36.8 -26.0 RI 69.4 100.0 2 0 71.2 100.0 40.4 SC 33.8 33.3 2 4 32.4 33.3 2.8 SD 53.3 100.0 1 0 53.8 100.0 85.9 TN 46.5 55.5 5 4 47.2 55.5 17.6 TX 39.0 34.3 11 21 43.8 34.3 -21.7 UT 39.7 33.3 1 2 39.9 33.3 -16.5 VT 7.1 0.0 0 0 22.6 n/a n/a VA 34.0 27.2 3 8 34.8 27.2 -21.8 WA 58.9 66.6 6 3 59.0 66.6 1	OH	48.5	33.3	6	12	50.3	33.3	-33.8
PA 48.1 36.8 7 12 49.7 36.8 -26.0 RI 69.4 100.0 2 0 71.2 100.0 40.4 SC 33.8 33.3 2 4 32.4 33.3 2.8 SD 53.3 100.0 1 0 53.8 100.0 85.9 TN 46.5 55.5 5 4 47.2 55.5 17.6 TX 39.0 34.3 11 21 43.8 34.3 -21.7 UT 39.7 33.3 1 2 39.9 33.3 -16.5 VT 7.1 0.0 0 0 22.6 n/a n/a VA 34.0 27.2 3 8 34.8 27.2 -21.8 WA 58.9 66.6 6 3 59.0 66.6 12.9 WV 57.5 66.6 2 1 58.9 66.6 1	OK	28.3	20.0	1	4	27.6	20.0	-27.5
RI 69.4 100.0 2 0 71.2 100.0 40.4 SC 33.8 33.3 2 4 32.4 33.3 2.8 SD 53.3 100.0 1 0 53.8 100.0 85.9 TN 46.5 55.5 5 4 47.2 55.5 17.6 TX 39.0 34.3 11 21 43.8 34.3 -21.7 UT 39.7 33.3 1 2 39.9 33.3 -16.5 VT 7.1 0.0 0 0 22.6 n/a n/a VA 34.0 27.2 3 8 34.8 27.2 -21.8 WA 58.9 66.6 6 3 59.0 66.6 12.9 WV 57.5 66.6 2 1 58.3 66.6 14.2 WI 48.5 50.0 4 4 52.2 50.0 -4.	OR	53.7	80.0	4	1	55.5	80.0	44.1
SC 33.8 33.3 2 4 32.4 33.3 2.8 SD 53.3 100.0 1 0 53.8 100.0 85.9 TN 46.5 55.5 5 4 47.2 55.5 17.6 XX 39.0 34.3 11 21 43.8 34.3 -21.7 UT 39.7 33.3 1 2 39.9 33.3 -16.5 VT 7.1 0.0 0 0 22.6 n/a n/a VA 34.0 27.2 3 8 34.8 27.2 -21.8 WA 58.9 66.6 6 3 59.0 66.6 12.9 WV 57.5 66.6 2 1 58.3 66.6 14.2 WI 48.5 50.0 4 4 52.2 50.0 -4.2 WY 41.8 0.0 0 1 43.1 0.0 -100.0<	PA	48.1	36.8	7	12	49.7	36.8	-26.0
SD 53.3 100.0 1 0 53.8 100.0 85.9 TN 46.5 55.5 5 4 47.2 55.5 17.6 TX 39.0 34.3 11 21 43.8 34.3 -21.7 UT 39.7 33.3 1 2 39.9 33.3 -16.5 VT 7.1 0.0 0 0 22.6 n/a n/a VA 34.0 27.2 3 8 34.8 27.2 -21.8 WA 58.9 66.6 6 3 59.0 66.6 12.9 WV 57.5 66.6 2 1 58.3 66.6 14.2 WI 48.5 50.0 4 4 52.2 50.0 -4.2 WY 41.8 0.0 0 1 43.1 0.0 -100.0	RI	69.4	100.0	2	0	71.2	100.0	40.4
TN 46.5 55.5 5 4 47.2 55.5 17.6 TX 39.0 34.3 11 21 43.8 34.3 -21.7 UT 39.7 33.3 1 2 39.9 33.3 -16.5 VT 7.1 0.0 0 0 22.6 n/a n/a VA 34.0 27.2 3 8 34.8 27.2 -21.8 WA 58.9 66.6 6 3 59.0 66.6 12.9 WV 57.5 66.6 2 1 58.3 66.6 14.2 WI 48.5 50.0 4 4 52.2 50.0 -4.2 WY 41.8 0.0 0 1 43.1 0.0 -100.0	SC	33.8	33.3	2	4	32.4	33.3	2.8
IX 39.0 34.3 11 21 43.8 34.3 -21.7 UT 39.7 33.3 1 2 39.9 33.3 -16.5 VT 7.1 0.0 0 0 22.6 n/a n/a VA 34.0 27.2 3 8 34.8 27.2 -21.8 WA 58.9 66.6 6 3 59.0 66.6 12.9 WV 57.5 66.6 2 1 58.3 66.6 14.2 WI 48.5 50.0 4 4 52.2 50.0 -4.2 WY 41.8 0.0 0 1 43.1 0.0 -100.0	SD	53.3	100.0		0	53.8	100.0	85.9
UT 39.7 33.3 1 2 39.9 33.3 -16.5 VT 7.1 0.0 0 0 22.6 n/a n/a VA 34.0 27.2 3 8 34.8 27.2 -21.8 WA 58.9 66.6 6 3 59.0 66.6 12.9 WV 57.5 66.6 2 1 58.3 66.6 14.2 WI 48.5 50.0 4 4 52.2 50.0 -4.2 WY 41.8 0.0 0 1 43.1 0.0 -100.0	TN		55.5	5			55.5	
VT 7.1 0.0 0 22.6 n/a n/a VA 34.0 27.2 3 8 34.8 27.2 -21.8 WA 58.9 66.6 6 3 59.0 66.6 12.9 WV 57.5 66.6 2 1 58.3 66.6 14.2 WI 48.5 50.0 4 4 52.2 50.0 -4.2 WY 41.8 0.0 0 1 43.1 0.0 -100.0	_		34.3	<u>11</u>			34.3	-21.7
VA 34.0 27.2 3 8 34.8 27.2 -21.8 WA 58.9 66.6 6 3 59.0 66.6 12.9 WV 57.5 66.6 2 1 58.3 66.6 14.2 WI 48.5 50.0 4 4 52.2 50.0 -4.2 WY 41.8 0.0 0 1 43.1 0.0 -100.0		39.7	33.3			39.9	33.3	-16.5
WA 58.9 66.6 6 3 59.0 66.6 12.9 WV 57.5 66.6 2 1 58.3 66.6 14.2 WI 48.5 50.0 4 4 52.2 50.0 -4.2 WY 41.8 0.0 0 1 43.1 0.0 -100.0								
WV 57.5 66.6 2 1 58.3 66.6 14.2 WI 48.5 50.0 4 4 52.2 50.0 -4.2 WY 41.8 0.0 0 1 43.1 0.0 -100.0								
WI 48.5 50.0 4 4 52.2 50.0 -4.2 WY 41.8 0.0 0 1 43.1 0.0 -100.0								
WY 41.8 0.0 0 1 43.1 0.0 -100.0								
202 232	WY	41.8	0.0	0		43.1	0.0	-100.0
				202	232			

[chart_tx23.xls, page 2]

Seats Won compared to Votes Received, Pres. By C.D. Based upon the Major Party Statewide Vote for President for the DEMOCRATS

Chart TX-24. Curve value is 3



 $Note: Each \ symbol \ represents \ one \ congressional \ delegation; \ selected \ states \ may \ be \ marked \ by \ an \ "X" \ (see \ p.2).$

15a Appendix

Sta	D% TotVote	D% TotSeats	D Seats	R Seats	D% MajVote	D% PtySeats
	36.8				37.1	-
AL		14.3	1	6		14.3
AK	35.5	0.0	0	1	36.7	0.0
AZ	44.4	25.0	2	6	44.7	25.0
AR	44.5	0.0	0	4	45.0	0.0
CA	54.3	58.5	31	22	55.0	58.5
CO	47.0	42.9	3	4	47.6	42.9
CT	54.3	100.0	5	0	55.2	100.0
DE	53.3	0.0	1	0	53.8	100.0
FL	47.0	28.0	7	18	47.4	28.0
GA	41.4	30.8	4	9	41.6	30.8
HI	54.0	100.0	2	0	54.4	100.0
ID	30.2	0.0	0	2	30.6	0.0
IL	54.8	52.6	10	9	55.2	52.6
IN	39.2	22.2	2	7	39.5	22.2
IA	49.2	40.0	2	3	49.6	40.0
KS	36.6	0.0	0	4	37.1	0.0
KY	39.6	16.7	1	5	39.9	16.7
LA	42.2	14.3	1	6	42.6	14.3
ME	53.5	100.0	2	0	54.5	100.0
MD	55.9	75.0	6	2	56.5	75.0
MA	61.9	100.0	10	0	62.7	100.0
MI	51.2	33.3	5	10	51.7	33.3
MN	51.0	37.5	3	5	51.7	37.5
MS	39.7	25.0	1	3	40.0	25.0
MO	46.1	33.3	3	6	46.3	33.3
MT	38.5	0.0	0	1	39.5	0.0
NE	32.6	0.0	0	3	33.1	0.0
NV	47.8	33.3	1	2	48.6	33.3
NH	50.2	50.0	1	1	50.6	50.0
NJ	52.9	53.8	7	6	53.3	53.8
NM	49.0	66.7	2	1	49.6	66.7
NY	58.3	69.0	20	9	59.2	69.0
NC	43.5	30.8	4	9	43.7	30.8
ND	35.5	0.0	0	1	36.0	0.0
OH	48.7	27.8	5	13	48.9	27.8
OK	34.4	0.0	0	5	34.4	0.0
OR	51.3	60.0	3	2	52.1	60.0
PA	50.9	52.6	10	9	51.2	52.6
RI	59.4	100.0	2	0	60.5	100.0
SC	40.9	16.7	1	5	41.3	16.7
SD	38.4	0.0	0	1	39.0	0.0
TN	42.5	22.2	2	7	42.8	22.2
TX	38.2	21.9	7	25	38.4	21.9
UT	26.0	0.0	0	3	26.6	0.0
VT	58.9	0.0	1	0	60.3	100.0
VA	45.4	18.2	2	9	45.8	18.2
WA	52.8	66.7	6	3	53.6	66.7
wv	43.2	0.0	0	3	43.5	0.0
WI	49.7	50.0	4	4	50.1	50.0
WY	29.0	0.0	0	1	29.6	0.0
		1 "77"			25.0	5.0

States indicated on the chart by an "X" are underlined in this table.

Falses Cases in Congressional Elections, All States, 2004 Delegations classified by number of districts involved to change seats/votes status

Curve value is 3

Notes

Chart TX-41.

"False Negative": less than a majority of the votes but a majority of the seats "False Positive": a majority of the votes but less than a majority of the seats Cases with either 50% of votes or 50% of seats are underlined.

1) Pct. Major Party Delegation D %MP Vote D % Seats Status

A) Even Numbe	r of Districts; dele	gation split 50/	50		
	Minnesota	53.1	50.0	False Positive	4D, 4R
	Mississippi	33.6	50.0	False Negative	2D, 2R
	Wisconsin	49.7	50.0	False Negative	4D, 4R
B) Odd Number	of Districts; deleg	gation controlle	d by 1 seat		
	Colorado	50.0	42.8	False Positive	3D, 4R
	Connecticut	55.5	40.0	False Positive	2D, 3R
	Tennessee	47.0	55.5	False Negative	5D, 4R
	New Mexico	51.8	33.3	False Positive	1D, 2R
C) Even or Odd	Number of Distri	cts; delegation of	controlled by	more than 1 seat	
	None				
2) Avg. Maj. Party	Delegation	D %MP Vote	D % Seats	Status	Notes
A) Even Numbe	r of Districts; dele	gation split 50/	50		
	Minnesota	52.9	50.0	False Positive	4D, 4R
	Mississippi	31.0	50.0	False Negative	2D, 2R
	Wisconsin	52.2	50.0	False Positive	4D, 4R
B) Odd Number	of Districts; deleg	gation controlle	d by 1 seat		
	Connecticut	55.9	40.0	False Positive	2D, 3R
	Tennessee	47.2	55.5	False Negative	5D, 4R
	New Mexico	51.3	33.3	False Positive	1D, 2R
	Colorado	50.3	33.3	False Positive	3D, 4R
C) Even or Odd	Number of Distri	cts; delegation o	controlled by	more than 1 seat	
	Ohio	50.3	33.3	False Positive	6D, 12R
	Michigan	50.5	40.0	False Positive	6D, 9R
3) Pres. By C.D.	Delegation	D %MP Vote	D % Seats	Status	Notes
	r of Districts; dele	gation split 50/	50		
	Wisconsin	50.7	50.0	False Positive	4D, 4R
	N. Hampshire	50.6	50.0	False Positive	1D, 1R
B) Odd Number	of Districts; deleg	gation controlle	d by 1 seat		
	New Mexico	49.6	66.7	False Negative	2D, 1R
C) Even or Odd	Number of Distri	cts; delegation of	controlled by	more than 1 seat	
	Michigan	51.7	33.3	False Positive	5D, 10R
	Minnesota	51.7	37.5	False Positive	3D, 5R

17a

Appendix

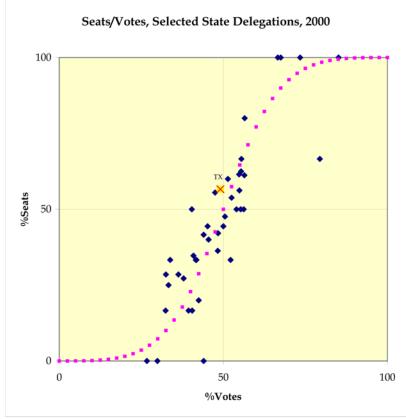
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Seats Won compared to Votes Received, State Delegations

Chart TX-51.

Curve value is 3

Based upon the Major Party Vote for Congress for the DEMOCRATS
States excluded if: candidate not listed on the ballot in any district, or At-Large single member.



 $Note: Each \ symbol \ represents \ one \ congressional \ delegation; \ selected \ states \ may \ be \ marked \ by \ an \ "X" \ (see \ p.2).$

19a

Appendix

Sta	D% TotVote	D% TotSeats	D Seats	R Seats	D% MajVote	D% PtySeats	D S/V %Dif
AL	33.9	28.5	2	5	36.3	28.5	-21.5
AK	16.5	0.0	0	1	19.2	0.0	-100.0
AZ	38.0	16.6	1	5	39.4	16.6	-57.9
AR	n/a	75.0	3	1	n/a	75.0	n/a
CA	51.8	61.5	32	20	54.8	61.5	12.2
CO	30.5	33.3	2	4	33.8	33.3	-1.5
CT	53.2	50.0	3	3	54.0	50.0	-7.4
DE	30.8	0.0	0	1	31.3	0.0	-100.0
FL	39.4	34.7	8	15	40.9	34.7	-15.2
GA	37.9	27.2	3	8	37.9	27.2	-28.2
HI	65.0	100.0	2	0	66.6	100.0	50.2
ID	28.8	0.0	0	2	29.9	0.0	-100.0
IL	55.8	50.0	10	10	56.2	50.0	-11.0
IN	44.2	40.0	4	6	45.5	40.0	-12.1
IA	41.6	20.0	1	4	42.5	20.0	-52.9
KS	31.6	25.0	1	3	33.3	25.0	-24.9
KY	39.1	16.6	1	5	40.5	16.6	-59.0
LA	29.8	28.5	2	5	32.5	28.5	-12.3
ME	66.2	100.0	2	0	67.5	100.0	48.1
MD	55.1	50.0	4	4	55.3	50.0	-9.6
MA	84.3	100.0	10	0	85.1	100.0	17.5
MI	53.5	56.2	9	7	54.9	56.2	2.4
MN	52.2	62.5	5	3	55.4	62.5	12.8
MS	50.2	60.0	3	2	51.4	60.0	16.7
MO	48.8	44.4	4	5	50.0	44.4	-11.2
MT	46.2	0.0	0	1	47.3	0.0	-100.0
NE	26.0	0.0	0	3	26.7	0.0	-100.0
NV	38.4	50.0	1	1	40.4	50.0	23.8
NH	42.9	0.0	0	2	44.0	0.0	-100.0
NJ	51.2	53.8	7	6	52.5	53.8	2.5
NM	51.0	33.3	1	2	52.2	33.3	-36.2
NY	54.7	61.2	19	12	56.4	61.2	8.5
NC	42.9	41.6	5	7	44.0	41.6	-5.5
ND	52.9	100.0	1	0	54.3	100.0	84.2
OH	45.7	42.1	8	11	48.4	42.1	-13.0
OK	30.9	16.6	1	5	32.4	16.6	-48.8
OR	54.9	80.0	4	1	56.5	80.0	41.6
PA	50.0	47.6	10	11	50.5	47.6	-5.7
RI	64.4	100.0	2	0	73.4	100.0	36.2
SC	39.7	33.3	2	4	41.8	33.3	-20.3
SD	24.8	0.0	0	1	25.3	0.0	-100.0
TN	44.2	44.4	4	5	45.2	44.4	-1.8
TX	<u>47.0</u>	<u>56.6</u>	17	13	49.1	<u>56.6</u>	<u>15.3</u>
UT	40.1	33.3	1	2	41.6	33.3	-20.0
VT	0.0	0.0	0	0	0.0	n/a	n/a
VA	43.9	36.3	4	6	48.3	40.0	-17.2
WA	52.2	66.6	6		55.5	66.6	20.0
WV	72.5	66.6	2 5	1	79.4	66.6	-16.1
WI WY	47.4 28.5	55.5 0.0	0	4	47.5 29.9	55.5	16.8 -100.0
	28.5	0.0		1	29.9	0.0	-100.0
Sum			212	221			

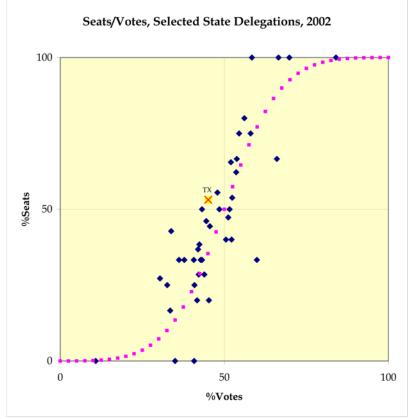
[chart_tx51.xls, page 2]

Seats Won compared to Votes Received, State Delegations

Chart TX-52.

Curve value is 3

Based upon the Major Party Vote for Congress for the DEMOCRATS
States excluded if: candidate not listed on the ballot in any district, or At-Large single member.



 $Note: Each \ symbol \ represents \ one \ congressional \ delegation; \ selected \ states \ may \ be \ marked \ by \ an \ "X" \ (see \ p.2).$

21a

Appendix

Sta	D% TotVote	D% TotSeats	D Seats	R Seats	D% MajVote	D% PtySeats	D S/V %Dif
AL	40.0	28.5	2	5	42.2	28.5	-32.5
AK	17.3	0.0	0	1	18.8	0.0	-100.0
AZ	39.5	25.0	2	6	40.9	25.0	-38.9
AR	56.9	75.0	3	1	58.0	75.0	29.3
CA	51.4	62.2	33	20	53.6	62.2	16.0
CO	42.2	28.5	2	5	43.9	28.5	-35.1
CT	51.4	40.0	2	3	52.2	40.0	-23.4
DE	26.7	0.0	0	1	27.0	0.0	-100.0
FL	n/a	28.0	7	18	n/a	28.0	n/a
GA	42.4	38.4	5	8	42.4	38.4	-9.4
HI	64.5	100.0	2	0	66.5	100.0	50.4
ID	34.0	0.0	0	2	35.0	0.0	-100.0
IL	50.7	47.3	9	10	51.2	47.3	-7.6
IN	42.1	33.3	3	6	43.2	33.3	-22.9
IA	44.8	20.0	1	4	45.3	20.0	-55.8
KS	31.3	25.0	1	3	32.6	25.0	-23.3
KY	32.0	16.6	1	5	33.5	16.6	-50.4
LA	27.5	42.8	3	4	33.8	42.8	26.6
ME	58.4	100.0	2	0	58.4	100.0	71.2
MD	54.5	75.0	6	2	54.5	75.0	37.6
MA	83.4	100.0	10	0	84.0	100.0	19.0
MI	49.3	40.0	6	9	50.5	40.0	-20.8
MN	49.9	50.0	4	4	51.6	50.0	-3.1
MS	47.2	50.0	2	2	48.5	50.0	3.1
MO	44.7	44.4	4	5	45.6	44.4	-2.6
MT	32.6	0.0	0	1	33.5	0.0	-100.0
NE	9.8	0.0	0	3	10.8	0.0	-100.0
NV	34.2	33.3	1	2	36.2	33.3	-8.0
NH	39.7	0.0	0	2	40.8	0.0	-100.0
NJ	51.3	53.8	7	6	52.4	53.8	2.7
NM	59.9	33.3	1	2	59.9	33.3	-44.4
NY	50.3	65.5	19	10	52.0	65.5	26.0
NC	43.2	46.1	6	7	44.5	46.1	3.6
ND	52.4	100.0	1	0	52.4	100.0	90.8
OH	42.1	33.3	6	12	42.8	33.3	-22.2
OK	39.1	20.0	1	4	41.7	20.0	-52.0
OR	54.6	80.0	4	1	56.1	80.0	42.6
PA	40.7	36.8	7	12	42.0	36.8	-12.4
RI	68.4	100.0	2	0	69.8	100.0	43.3
SC	35.2	33.3	2	4	37.8	33.3	-11.9
SD	45.6	0.0	0	1	46.0	0.0	-100.0
TN	46.3	55.5	5	4	47.9	55.5	15.9
TX UT	43.8	53.1	17	<u>15</u>	<u>45.1</u>	53.1 33.3	17.7
VT	39.7 0.0	33.3 0.0	1	2	40.7 0.0		-18.2 n/a
VI VA	29.3	27.2	3	8	30.4	n/a 27.2	n/a -10.5
WA	52.1	66.6	6	3	53.8	66.6	23.8
WV	66.0	66.6	2	1	66.0	66.6	0.9
WI	41.4	50.0	4	4	43.2	50.0	15.7
WY	36.2	0.0	0	1	37.4	0.0	-100.0
Sums	50.2	0.0	205	229	37.4	5.0	-100.0
Jums			205	229			

[chart_tx52.xls, page 2]

Chart TX-71.

Seats Won compared to Votes Received Votes based upon the Aggregate Congressional Totals for ALL STATES. Source: House Clerk Biennial Reports.

Curve value is 3

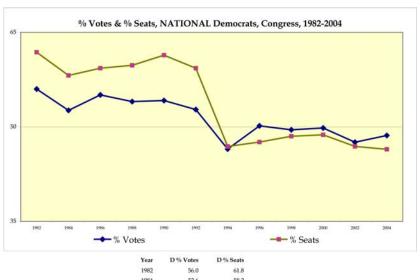
Subtable 1	l. Vote	Totals and	Percent	tages

	Votes for	Votes for	Votes for	Votes for	Votes for	% of All Votes	% of Maj. Pty.	% of All Votes	% of Maj. Pty.
Year	Democrats	Republicans	All Others	All Candidates	Major Parties	Democrats	Democrats	Republicans	Republicans
1982	35,126,406	27,606,014	1,148,424	63,880,844	62,732,420	55.0	56.0	43.2	44.0
1984	42,799,060	38,540,762	1,082,016	82,421,838	81,339,822	51.9	52.6	46.8	47.4
1986	32,338,342	26,384,083	1,035,972	59,758,397	58,722,425	54.1	55.1	44.2	44.9
1988	43,473,080	37,015,851	1,193,254	81,682,185	80,488,931	53.2	54.0	45.3	46.0
1990	32,397,732	27,402,036	2,555,085	62,354,853	59,799,768	52.0	54.2	43.9	45.8
1992	48,550,096	43,498,015	5,150,205	97,198,316	92,048,111	49.9	52.7	44.8	47.3
1994	31,542,823	36,325,809	2,625,016	70,493,648	67,868,632	44.7	46.5	51.5	53.5
1996	43,393,580	43,120,872	3,719,015	90,233,467	86,514,452	48.1	50.2	47.8	49.8
1998	31,391,834	31,983,612	3,229,356	66,604,802	63,375,446	47.1	49.5	48.0	50.5
2000	46,411,559	46,750,175	5,638,229	98,799,963	93,161,734	47.0	49.8	47.3	50.2
2002	33,642,142	37,091,270	3,973,143	74,706,555	70,733,412	45.0	47.6	49.6	52.4
2004	52,745,121	55,713,412	4,733,753	113,192,286	108,458,533	46.6	48.6	49.2	51.4

Subtable 2. Percentage of Seats Expected based upon Seats-Votes Curve

	% of All Votes		% of Maj. Pty.	Expected	% of All Votes	Expected	% of Maj. Pty.	Expected
Year	Democrats	% Seats	Democrats	% Seats	Republicans	% Seats	Republicans	% Seats
1982	55.0	64.6	56.0	67.3	43.2	30.6	44.0	32.7
1984	51.9	55.8	52.6	57.8	46.8	40.4	47.4	42.2
1986	54.1	62.1	55.1	64.8	44.2	33.1	44.9	35.2
1988	53.2	59.6	54.0	61.8	45.3	36.3	46.0	38.2
1990	52.0	55.9	54.2	62.3	43.9	32.5	45.8	37.7
1992	49.9	49.9	52.7	58.2	44.8	34.7	47.3	41.9
1994	44.7	34.7	46.5	39.6	51.5	54.6	53.5	60.4
1996	48.1	44.3	50.2	50.5	47.8	43.4	49.8	49.5
1998	47.1	41.5	49.5	48.6	48.0	44.1	50.5	51.4
2000	47.0	41.0	49.8	49.5	47.3	42.0	50.2	50.5
2002	45.0	35.5	47.6	42.7	49.6	49.0	52.4	57.3
2004	46.6	39.9	48.6	45.9		47.7	51.4	54.1
				[chart]	tx71.xls, page 1]			

23a Appendix



Year	D % Votes	D % Seats		
1982	56.0	61.8		
1984	52.6	58.2		
1986	55.1	59.3		
1988	54.0	59.8		
1990	54.2	61.4		
1992	52.7	59.3		
1994	46.5	46.9		
1996	50.2	47.6		
1998	49.5	48.5		
2000	49.8	48.7		
2002	47.6	46.9		
2004	48.6	46.4		
	(chart_tx)	chart_tx71.xls, page 2]		

24a

Appendix

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