

FOR IMMEDIATE RELEASE

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## New Study Shows 50 Million Voters Will Use Electronic Voting Systems, 32 Million Still with Punch Cards in 2004

A new study by Election Data Services Inc. of voting equipment used by election jurisdictions across the United States shows that just over 50 million registered voters are expected to cast ballots on electronic equipment this fall. Another 55 million voters will be using optical scan systems, while 32 million will still be using punch cards. The table below summarizes the study's findings. More detailed tables are attached to this press release.

### Voting Equipment for the 2004 Elections

Type of Voting Equipment	Counties		Registered Voters <sup>1</sup>	
	Number	Percentage	Number	Percentage
<b>Punch Card</b>	307	9.86	32,224,103	18.64
<b>Lever</b>	270	8.67	22,165,917	12.82
<b>Paper Ballots</b>	299	9.60	1,038,800	0.60
<b>Optical Scan</b>	1,418	45.54	55,668,695	32.20
<b>Electronic</b>	669	21.48	50,035,070	28.94
<b>Mixed</b>	151	4.85	11,742,150	6.79
<b>TOTAL</b>	<b>3,114</b>	<b>100.00</b>	<b>172,874,735</b>	<b>100.00</b>

<sup>1</sup>Registered voter counts are from the November 2002 general elections.

“While 32 percent of the voters will use optical scan equipment, over 45 percent of the nation’s counties will have this system,” noted Kimball Brace, president of Election Data Services Inc. and a nationally recognized expert on voting systems and redistricting. “The difference is due to the fact that optical scan systems are typically used in smaller sized jurisdictions,” said Brace. “The opposite is seen with electronic and punch card systems favored by larger sized counties.”

The 2004 Voting Equipment Study found some progress towards the elimination of punch card voting systems, which was one of the goals of HAVA (Help America Vote Act of 2002). HAVA was enacted in the wake of problems with punch card voting during the 2000 Presidential elections and provides federal funding to states for the replacement of punch card voting systems. The 307 counties expected to use punch cards for the November 2004 general elections is down substantially from 572 counties that used punch cards in November 2000. By fall, punch cards will have disappeared entirely in the following states that used them in 2000: Arizona, Florida, Georgia, Minnesota, Montana, Nevada, New Jersey, North Dakota, Oregon, South Dakota, and Wisconsin. (Mineral County in Montana has not yet chosen a replacement system.) The study also found sizeable numbers of jurisdictions in other states that have switched from punch cards in 2000 to electronic or optical scan voting systems in 2004: California (17), Colorado (13),

Georgia (18), Illinois (38), Indiana (13), and Ohio (50). Switches from punch cards in California alone will affect more than 10 million registered voters; in Ohio, 2.8 million voters.

The study includes information on voting system changes as of February 9, 2004, but looks ahead to the November 2004 general election. Jurisdictions in some states are postponing changes for the spring primaries and will implement new systems in the fall. Additional punch card replacements may yet occur before November as more HAVA funding becomes available. On the other hand, because of security concerns with electronic systems and certification problems in states such as Ohio, some counties that have acquired electronic systems might not be able to implement replacement systems in time and may be forced to return to punch cards in November. The states with the largest number of counties planning to use punch cards in 2004 are Illinois, Missouri, Ohio, Tennessee, and Utah.

The 2004 Voting Equipment Study also shows that there has been some progress on the replacement of mechanical lever voting machines, for which HAVA funding is also available. The number of counties (270) that are expected to use lever machines in 2004 is down from 434 in 2000. Most of the switches from lever machines have been in Georgia (75), Indiana (12), Tennessee (32), and Virginia (12). A substantial number of switches from lever machines also occurred in Massachusetts (23), where elections are conducted by cities and towns, rather than counties. Lever systems are still widely used in Connecticut, Louisiana, New York, and Virginia.

The study also found changes in the use of hand-counted paper ballots. The number of counties expected to use paper ballots exclusively in 2004 is 299, down from 370 in 2000. The highest number of switches from paper ballots occurred in Kansas (16 counties) and in municipalities in three New England states: Maine (30), Massachusetts (20), and New Hampshire (36). Switches *back* to paper ballots in 2004 will occur in two Montana counties that previously used punch cards. Many counties in Michigan, Minnesota, Wisconsin and the six New England states are classified as "mixed" because elections are administered by townships, which also make decisions on what voting system to use.

All told, the 2004 Voting Equipment Study found that 775 counties and New England towns have changed voting systems since the 2000 election. However, only 324 of those jurisdictions have changed systems in the last two years, while 467 made changes between 2000 and 2002. "We are clearly seeing the impact of two major events on these changes," said Brace. "First, the fact that Congress and the President delayed the implementation and funding of HAVA and, second, the continued controversy over voter-verified ballots with electronic systems has led to a slowdown of changes throughout the United States," Brace noted.

Election Data Services' study found that many jurisdictions are moving to optical scan systems as a safer choice than electronic voting, given the controversy on whether printers should be used with the electronic systems. Most electronic systems currently in use do not provide paper receipts that voters could verify and election administrators could use to finalize a contested race. Optical scan systems use paper ballots that are scanned and tallied electronically, but can be hand counted in the event of a recount. However, one of the lessons from the 2000 Florida controversy

is that optical scan ballots should be counted in precinct polling places, where voters have a chance to correct errors, as opposed to later on Election Night in county court houses.

Over the years, several states have moved to establish uniform voting systems. Oklahoma led the way by establishing a uniform optical scan voting system in the early 1990s. Delaware's three counties have used electronic systems since 1996. Hawaii and Rhode Island established uniform optical scan systems in 1998. Georgia established a uniform electronic voting system in 2002. Nevada will establish a uniform electronic voting system in 2004; Maryland, in 2006. Although Maryland's uniform system won't be fully implemented until 2006, all 24 election jurisdictions, including the city of Baltimore, are expected to use some type of electronic system in 2004.

Election Data Services conducts surveys on voting equipment usage every two years. The 2004 Voting Equipment Study is the 10th biannual survey. The first survey was conducted in 1980 for the Federal Election Commission. Election Data Services has conducted the surveys independently since 1986. The surveys classify voting equipment according to seven categories: (1) DataVote punch cards, (2) other punch cards, (3) mechanical lever machines, (4) hand-counted paper ballots, (5) optical scan systems, (6) electronic systems, and (7) mixed (multiple systems). There are two categories for punch cards because of different formats. DataVote punch cards, which are not pre-scored, display candidate names and voting positions on the same card. Other punch cards such as Votomatic are pre-scored and only display numbered voting positions. Candidate names and ballot issues are displayed in booklets that are inserted with the cards into voting devices. The optical scan category includes both precinct and central tabulation systems. The electronic category refers to "Direct Recording Electronic" (DRE) devices and includes systems with touch screens as well as computerized systems with buttons or pointing devices.

The surveys cover some 3,100 election jurisdictions in the United States, including counties, the District of Columbia, parishes in Louisiana, and independent cities in Maryland (Baltimore), Missouri (St. Louis), Nevada (Carson City), and Virginia (41 cities). In states where elections are administered by townships, data on voting equipment is summarized by county. A county is classified as "Mixed" if the townships within a county use different systems.

Many states have not updated registered voter counts for 2004; therefore, the study used official voter counts from the 2002 general elections. Because voter registration counts are anticipated to be higher for presidential elections, changes for particular types of voting systems may ultimately affect more voters than are reported in the study.

The primary information source for the voting equipment surveys is a nationwide election administration database that Election Data Services has maintained since 1980. The database includes information on current, past, and planned use of different types of voting equipment at the state, county, and township levels of government. The database is periodically updated from surveys, news articles, directories from state election officials, and inquiries with local election administrators.

## **Voting Equipment Graphics**

For each voting equipment study, Election Data Services has published a nationwide voting equipment map that depicts voting equipment usage for counties. The 2004 Voting Equipment Map is color-coded by equipment type and includes summary data for counties and registered voters. Maps from previous voting equipment studies dating back to 1980 have been compiled on a Voting Equipment History Poster. In addition to 10 small nationwide maps (1980, and 1986–2002), the poster includes line charts depicting trends in voting equipment usage for counties and registered voters.

## **About Election Data Services**

Election Data Services is a Washington, D.C.-based consulting firm that specializes in redistricting, election administration, and the analysis of census and political data. Information on voting equipment is contained in one of several nationwide databases Election Data Services that maintains on elections and voting. Its president, Kimball Brace, testified on voting systems in the *Bush v Gore* court case in Florida in 2000.

*Note to correspondents: State specific data will be available at the press conference. It can also be obtained by calling Election Data Services (tel. 202.789.2004).*

# Voting Equipment Summary By Type as of 11/02/2004

Printed: 02/10/2004

TYPE OF VOTING EQUIPMENT USED	NUMBER OF COUNTIES		NUMBER OF PRECINCTS		VOTING AGE POPULATION (2000 Census)		REGISTERED VOTERS	
		%		%		%		%
<b>Punchcard</b>								
C.E.S.	25	0.80%	530	0.29%	721,368	0.30%	630,428	0.36%
Votomatic	10	0.32%	758	0.41%	10,551,564	4.44%	6,558,842	3.79%
Punch Card	252	8.09%	21,764	11.81%	27,076,555	11.40%	21,223,887	12.28%
Election Supplies Limited	1	0.03%	5	0.00%	4,400	0.00%	4,134	0.00%
P.B.C. IID	4	0.13%	283	0.15%	834,344	0.35%	701,702	0.41%
<b>Total Punchcard</b>	<b>292</b>	<b>9.38%</b>	<b>23,340</b>	<b>12.67%</b>	<b>39,188,231</b>	<b>16.50%</b>	<b>29,118,993</b>	<b>16.84%</b>
<b>DataVote</b>								
Datavote	15	0.48%	1,712	0.93%	4,792,759	2.02%	3,105,110	1.80%
<b>Total DataVote</b>	<b>15</b>	<b>0.48%</b>	<b>1,712</b>	<b>0.93%</b>	<b>4,792,759</b>	<b>2.02%</b>	<b>3,105,110</b>	<b>1.80%</b>
<b>Lever</b>								
A.V.M.	153	4.91%	16,062	8.72%	17,139,632	7.22%	14,112,311	8.16%
IES Shoup	49	1.57%	7,036	3.82%	8,632,482	3.63%	6,161,944	3.56%
RF Shoup	9	0.29%	104	0.06%	191,652	0.08%	130,963	0.08%
Voting Machines	8	0.26%	560	0.30%	514,997	0.22%	461,388	0.27%
AVM - Printomatics	51	1.64%	2,188	1.19%	1,484,571	0.63%	1,299,311	0.75%
<b>Total Lever</b>	<b>270</b>	<b>8.67%</b>	<b>25,950</b>	<b>14.08%</b>	<b>27,963,334</b>	<b>11.77%</b>	<b>22,165,917</b>	<b>12.82%</b>
<b>Paper ballot</b>								
Paper Ballots	299	9.60%	3,465	1.88%	1,549,643	0.65%	1,038,800	0.60%
<b>Total Paper Ballot</b>	<b>299</b>	<b>9.60%</b>	<b>3,465</b>	<b>1.88%</b>	<b>1,549,643</b>	<b>0.65%</b>	<b>1,038,800</b>	<b>0.60%</b>
<b>Optical scan</b>								
Accuvote	150	4.82%	9,403	5.10%	10,566,252	4.45%	8,248,378	4.77%
Optical Scan	847	27.20%	37,461	20.33%	41,617,566	17.52%	31,021,367	17.94%
Air Mac Tech	2	0.06%	10	0.01%	12,916	0.01%	12,209	0.01%
Mark-A-Vote	7	0.22%	2,233	1.21%	1,968,727	0.83%	1,326,242	0.77%
American Information System	111	3.56%	2,583	1.40%	1,943,950	0.82%	1,380,394	0.80%
C.E.S. - Optech	1	0.03%	186	0.10%	497,807	0.21%	352,455	0.20%
Optech II	6	0.19%	165	0.09%	392,504	0.17%	325,955	0.19%
OPTECH III--PE Mark-Sense	146	4.69%	3,934	2.14%	4,911,637	2.07%	3,966,428	2.29%
Optech 3P Eagle	71	2.28%	4,534	2.46%	9,175,311	3.86%	6,380,517	3.69%
Mark Sense	30	0.96%	2,767	1.50%	2,878,789	1.21%	308,190	0.18%
Global ES-2000	7	0.22%	1,603	0.87%	1,303,367	0.55%	867,820	0.50%
Scanner M100	15	0.48%	421	0.23%	705,857	0.30%	535,031	0.31%
Optech III	1	0.03%	11	0.01%	25,664	0.01%	20,261	0.01%
Diebold Election System	8	0.26%	336	0.18%	405,481	0.17%	260,053	0.15%
Optech IV	2	0.06%	56	0.03%	102,542	0.04%	95,407	0.06%
Scanner M150	10	0.32%	262	0.14%	163,386	0.07%	126,404	0.07%
Global / GEMS	2	0.06%	265	0.14%	312,028	0.13%	330,773	0.19%
Global Opt. Scan	1	0.03%	25	0.01%	31,871	0.01%	27,123	0.02%
ES&S M100's 3.0.0.1	1	0.03%	82	0.04%	87,188	0.04%	83,688	0.05%
<b>Total Optical Scan</b>	<b>1,418</b>	<b>45.54%</b>	<b>66,337</b>	<b>36.00%</b>	<b>77,102,843</b>	<b>32.47%</b>	<b>55,668,695</b>	<b>32.20%</b>
<b>Electronic</b>								
Shouptronics	5	0.16%	746	0.40%	837,680	0.35%	620,078	0.36%
Electronic Voting	34	1.09%	3,239	1.76%	4,843,751	2.04%	4,007,982	2.32%
Sequoia Pacific A.V.C. Advantage	65	2.09%	9,061	4.92%	10,279,250	4.33%	7,771,741	4.50%
Microvote	68	2.18%	2,355	1.28%	3,577,282	1.51%	2,858,431	1.65%
Votronic	30	0.96%	2,559	1.39%	5,925,355	2.50%	4,451,020	2.57%
Direct Recording Electronic (DRE)	133	4.27%	23,024	12.50%	24,483,812	10.31%	17,912,483	10.36%
Accuvote TS	192	6.17%	6,265	3.40%	12,401,245	5.22%	8,032,340	4.65%
eSlate	1	0.03%	8	0.00%	38,214	0.02%	22,065	0.01%
Patriot	2	0.06%	65	0.04%	114,862	0.05%	96,630	0.06%
Shouptronic 1242 DRE	139	4.46%	4,309	2.34%	5,366,317	2.26%	4,262,300	2.47%
<b>Total Electronic</b>	<b>669</b>	<b>21.48%</b>	<b>51,631</b>	<b>28.02%</b>	<b>67,867,768</b>	<b>28.58%</b>	<b>50,035,070</b>	<b>28.94%</b>
<b>Mixed systems</b>								
Mixed (multiple systems)	151	4.85%	11,824	6.42%	19,025,256	8.01%	11,742,150	6.79%
<b>Total Mixed Systems</b>	<b>151</b>	<b>4.85%</b>	<b>11,824</b>	<b>6.42%</b>	<b>19,025,256</b>	<b>8.01%</b>	<b>11,742,150</b>	<b>6.79%</b>
<b>Total:</b>	<b>3,114</b>	<b>100.00%</b>	<b>184,259</b>	<b>100.00%</b>	<b>237,489,834</b>	<b>100.00%</b>	<b>172,874,735</b>	<b>100.00%</b>

# Voting Equipment Summary By Type as of 11/05/2002

Printed: 02/10/2004

TYPE OF VOTING EQUIPMENT USED	NUMBER OF COUNTIES		NUMBER OF PRECINCTS		VOTING AGE POPULATION (2000 Census)		REGISTERED VOTERS	
		%		%		%		%
<b>Punchcard</b>								
C.E.S.	29	0.93%	597	0.32%	721,368	0.35%	630,428	0.41%
Votomatic	17	0.55%	9,474	5.10%	11,786,216	5.65%	7,324,575	4.78%
Punch Card	384	12.33%	34,719	18.70%	30,204,638	14.47%	23,364,122	15.24%
Election Supplies Limited	1	0.03%	5	0.00%	4,400	0.00%	4,134	0.00%
P.B.C. IIID	4	0.13%	277	0.15%	834,344	0.40%	701,702	0.46%
<b>Total Punchcard</b>	<b>435</b>	<b>13.97%</b>	<b>45,072</b>	<b>24.28%</b>	<b>43,550,966</b>	<b>20.87%</b>	<b>32,024,961</b>	<b>20.89%</b>
<b>DataVote</b>								
Datavote	24	0.77%	5,450	2.94%	4,792,759	2.30%	3,105,110	2.03%
<b>Total DataVote</b>	<b>24</b>	<b>0.77%</b>	<b>5,450</b>	<b>2.94%</b>	<b>4,792,759</b>	<b>2.30%</b>	<b>3,105,110</b>	<b>2.03%</b>
<b>Lever</b>								
A.V.M.	165	5.30%	16,946	9.13%	17,686,182	8.47%	14,553,802	9.49%
IES Shoup	53	1.70%	7,808	4.21%	8,657,783	4.15%	6,181,822	4.03%
RF Shoup	10	0.32%	126	0.07%	191,652	0.09%	130,963	0.09%
Voting Machines	9	0.29%	613	0.33%	559,961	0.27%	498,905	0.33%
AVM - Printomatics	51	1.64%	2,181	1.18%	1,484,571	0.71%	1,299,311	0.85%
<b>Total Lever</b>	<b>288</b>	<b>9.25%</b>	<b>27,674</b>	<b>14.91%</b>	<b>28,580,149</b>	<b>13.69%</b>	<b>22,664,803</b>	<b>14.79%</b>
<b>Paper Ballot</b>								
Paper Ballots	304	9.76%	3,562	1.92%	1,648,739	0.79%	1,120,543	0.73%
<b>Total Paper Ballot</b>	<b>304</b>	<b>9.76%</b>	<b>3,562</b>	<b>1.92%</b>	<b>1,648,739</b>	<b>0.79%</b>	<b>1,120,543</b>	<b>0.73%</b>
<b>Optical Scan</b>								
Accuvote	141	4.53%	9,231	4.97%	10,318,487	4.94%	8,008,445	5.22%
Optical Scan	786	25.24%	28,333	15.26%	30,316,127	14.53%	24,469,559	15.96%
Air Mac Tech	2	0.06%	10	0.01%	12,916	0.01%	12,209	0.01%
Mark-A-Vote	8	0.26%	2,786	1.50%	1,968,727	0.94%	1,326,242	0.87%
American Information System	113	3.63%	2,647	1.43%	2,005,817	0.96%	1,419,179	0.93%
C.E.S. - Optech	1	0.03%	186	0.10%	497,807	0.24%	352,455	0.23%
Optech II	7	0.22%	248	0.13%	392,504	0.19%	325,955	0.21%
OPTECH III--PE Mark-Sense	146	4.69%	3,935	2.12%	4,911,637	2.35%	3,966,428	2.59%
Optech 3P Eagle	86	2.76%	5,443	2.93%	9,141,936	4.38%	6,344,450	4.14%
Mark Sense	30	0.96%	2,767	1.49%	2,878,789	1.38%	308,190	0.20%
Global ES-2000	7	0.22%	1,603	0.86%	1,303,367	0.62%	867,820	0.57%
Scanner M100	15	0.48%	421	0.23%	705,857	0.34%	535,031	0.35%
Optech III	1	0.03%	11	0.01%	25,664	0.01%	20,261	0.01%
Diebold Election System	1	0.03%	58	0.03%	60,584	0.03%	37,335	0.02%
Optech IV	2	0.06%	56	0.03%	102,542	0.05%	95,407	0.06%
Scanner M150	10	0.32%	262	0.14%	163,386	0.08%	126,404	0.08%
Global / GEMS	2	0.06%	266	0.14%	312,028	0.15%	330,773	0.22%
Global Opt. Scan	1	0.03%	26	0.01%	31,871	0.02%	27,123	0.02%
ES&S M100's 3.0.0.1	1	0.03%	165	0.09%	87,188	0.04%	83,688	0.05%
<b>Total Optical Scan</b>	<b>1,360</b>	<b>43.67%</b>	<b>58,454</b>	<b>31.49%</b>	<b>65,237,234</b>	<b>31.26%</b>	<b>48,656,954</b>	<b>31.74%</b>
<b>Electronic</b>								
Shouptronics	6	0.19%	758	0.41%	846,625	0.41%	629,593	0.41%
Electronic Voting	31	1.00%	2,725	1.47%	4,282,120	2.05%	3,593,538	2.34%
Sequoia Pacific A.V.C. Advantage	48	1.54%	7,997	4.31%	9,436,499	4.52%	7,297,879	4.76%
Microvote	65	2.09%	2,253	1.21%	3,499,226	1.68%	2,787,707	1.82%
Votronic	30	0.96%	3,353	1.81%	5,888,067	2.82%	4,424,645	2.89%
Direct Recording Electronic (DRE)	55	1.77%	7,928	4.27%	8,480,007	4.06%	6,480,548	4.23%
Accuvote TS	170	5.46%	3,881	2.09%	7,968,703	3.82%	4,953,693	3.23%
eSlate	1	0.03%	8	0.00%	38,214	0.02%	22,065	0.01%
Patriot	2	0.06%	65	0.04%	114,862	0.06%	96,630	0.06%
Shouptronic 1242 DRE	139	4.46%	4,303	2.32%	5,366,317	2.57%	4,262,300	2.78%
<b>Total Electronic</b>	<b>547</b>	<b>17.57%</b>	<b>33,271</b>	<b>17.92%</b>	<b>45,920,640</b>	<b>22.00%</b>	<b>34,548,598</b>	<b>22.54%</b>
<b>Mixed Systems</b>								
Mixed (multiple systems)	156	5.01%	12,137	6.54%	18,961,248	9.09%	11,164,497	7.28%
<b>Total Mixed Systems</b>	<b>156</b>	<b>5.01%</b>	<b>12,137</b>	<b>6.54%</b>	<b>18,961,248</b>	<b>9.09%</b>	<b>11,164,497</b>	<b>7.28%</b>
<b>Total:</b>	<b>3,114</b>	<b>100.00%</b>	<b>185,620</b>	<b>100.00%</b>	<b>208,691,735</b>	<b>100.00%</b>	<b>153,285,466</b>	<b>100.00%</b>

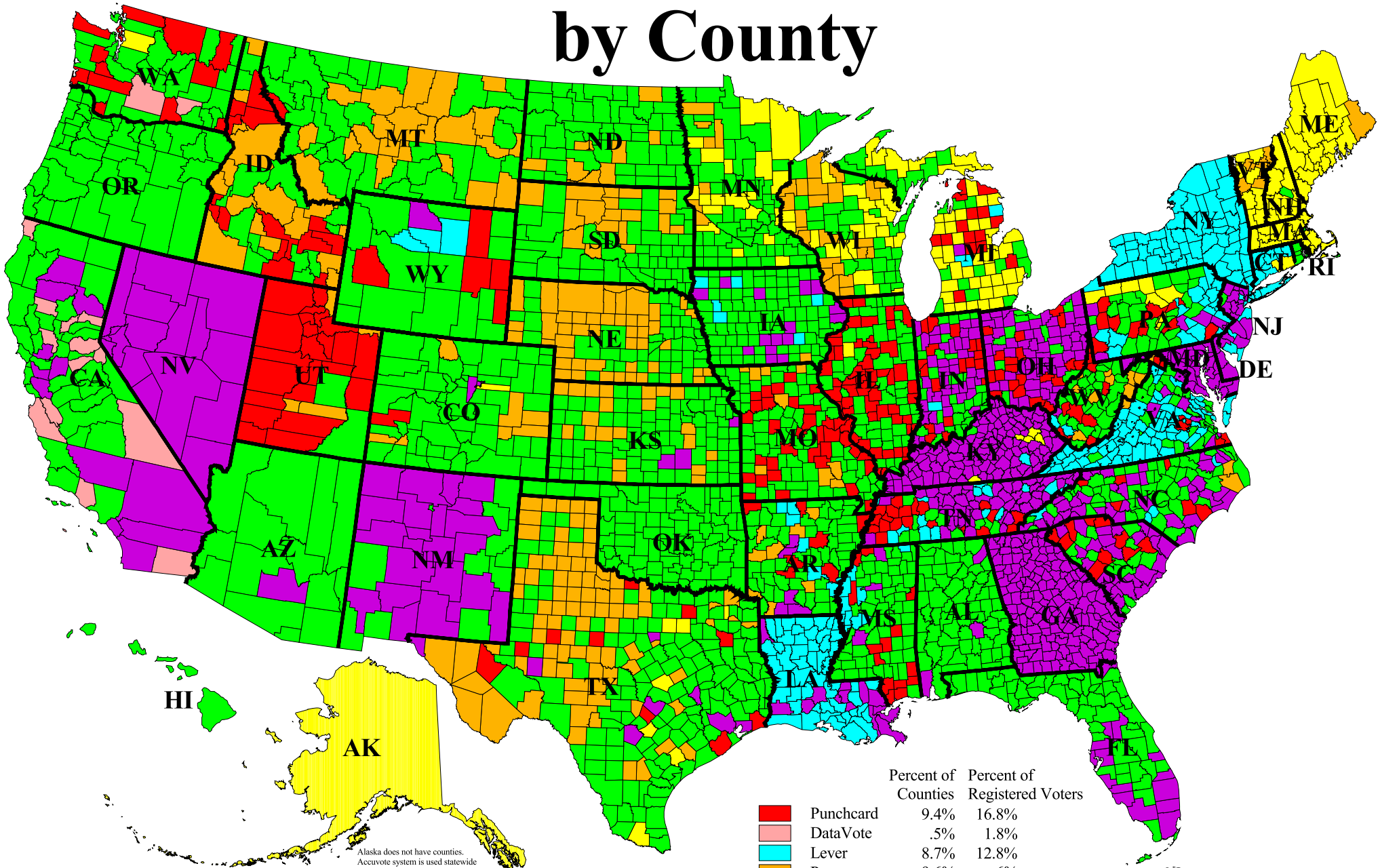
# Voting Equipment Summary By Type as of 11/07/2000

Printed: 02/10/2004

TYPE OF VOTING EQUIPMENT USED	NUMBER OF COUNTIES		NUMBER OF PRECINCTS		VOTING AGE POPULATION (2000 Census)		REGISTERED VOTERS	
		%		%		%		%
<b>Punchcard</b>								
C.E.S.	41	1.32%	1,223	0.66%	1,236,250	0.59%	993,408	0.63%
Votomatic	36	1.16%	14,578	7.91%	19,531,486	9.36%	11,925,117	7.53%
Punch Card	432	13.88%	37,239	20.20%	36,969,193	17.71%	29,566,133	18.68%
Vote Recorder	18	0.58%	1,044	0.57%	2,687,332	1.29%	1,745,031	1.10%
<b>Total Punchcard</b>	<b>527</b>	<b>16.93%</b>	<b>54,084</b>	<b>29.33%</b>	<b>60,424,261</b>	<b>28.95%</b>	<b>44,229,689</b>	<b>27.94%</b>
<b>DataVote</b>								
Datavote	45	1.45%	5,940	3.22%	6,547,638	3.14%	4,468,261	2.82%
<b>Total DataVote</b>	<b>45</b>	<b>1.45%</b>	<b>5,940</b>	<b>3.22%</b>	<b>6,547,638</b>	<b>3.14%</b>	<b>4,468,261</b>	<b>2.82%</b>
<b>Lever</b>								
A.V.M.	192	6.17%	20,519	11.13%	21,171,161	10.14%	17,277,791	10.92%
IES Shoup	171	5.49%	9,412	5.10%	10,898,242	5.22%	7,755,779	4.90%
RF Shoup	15	0.48%	181	0.10%	252,115	0.12%	169,356	0.11%
Voting Machines	6	0.19%	495	0.27%	471,841	0.23%	413,447	0.26%
AVM - Printomatics	50	1.61%	2,104	1.14%	1,447,346	0.69%	1,268,319	0.80%
<b>Total Lever</b>	<b>434</b>	<b>13.94%</b>	<b>32,711</b>	<b>17.74%</b>	<b>34,240,705</b>	<b>16.40%</b>	<b>26,884,692</b>	<b>16.99%</b>
<b>Paper Ballot</b>								
Paper Ballots	370	11.89%	5,075	2.75%	2,560,835	1.23%	2,031,538	1.28%
<b>Total Paper Ballot</b>	<b>370</b>	<b>11.89%</b>	<b>5,075</b>	<b>2.75%</b>	<b>2,560,835</b>	<b>1.23%</b>	<b>2,031,538</b>	<b>1.28%</b>
<b>Optical scan</b>								
Accuvote	85	2.73%	3,332	1.81%	4,718,514	2.26%	3,594,852	2.27%
Optical Scan	835	26.82%	31,364	17.01%	32,029,894	15.34%	26,084,653	16.48%
Air Mac Tech	1	0.03%	3	0.00%	5,200	0.00%	5,177	0.00%
Mark-A-Vote	8	0.26%	2,670	1.45%	1,968,727	0.94%	1,350,833	0.85%
American Information System	90	2.89%	2,273	1.23%	1,958,035	0.94%	1,396,523	0.88%
C.E.S. - Optech	7	0.22%	400	0.22%	847,106	0.41%	667,594	0.42%
Optech II	7	0.22%	195	0.11%	372,081	0.18%	309,260	0.20%
OPTECH III--PE Mark-Sense	142	4.56%	3,775	2.05%	4,748,792	2.27%	3,929,700	2.48%
Optech 3P Eagle	45	1.45%	3,979	2.16%	6,601,615	3.16%	4,401,657	2.78%
Mark Sense	52	1.67%	3,561	1.93%	5,999,700	2.87%	4,059,462	2.56%
Global ES-2000	7	0.22%	1,537	0.83%	1,303,367	0.62%	884,868	0.56%
<b>Total Optical Scan</b>	<b>1,279</b>	<b>41.09%</b>	<b>53,089</b>	<b>28.79%</b>	<b>60,553,031</b>	<b>29.01%</b>	<b>46,684,579</b>	<b>29.49%</b>
<b>Electronic</b>								
Shouptronics	39	1.25%	2,330	1.26%	4,243,433	2.03%	3,232,214	2.04%
Electronic Voting	13	0.42%	1,803	0.98%	2,136,509	1.02%	1,782,914	1.13%
Sequoia Pacific A.V.C. Advantage	33	1.06%	6,231	3.38%	6,625,022	3.17%	5,235,664	3.31%
Microvote	34	1.09%	1,272	0.69%	1,964,407	0.94%	1,671,069	1.06%
Votronic	13	0.42%	406	0.22%	740,422	0.35%	620,283	0.39%
E.V.M. (electronic voting machine)	1	0.03%	22	0.01%	13,083	0.01%	11,837	0.01%
Direct Recording Electronic (DRE)	81	2.60%	6,040	3.28%	7,406,165	3.55%	5,473,386	3.46%
Shouptronic 1242 DRE	95	3.05%	2,386	1.29%	2,299,321	1.10%	1,870,490	1.18%
<b>Total Electronic</b>	<b>309</b>	<b>9.93%</b>	<b>20,490</b>	<b>11.11%</b>	<b>25,428,362</b>	<b>12.18%</b>	<b>19,897,857</b>	<b>12.57%</b>
<b>Mixed systems</b>								
Mixed (multiple systems)	149	4.79%	13,005	7.05%	19,000,596	9.10%	14,084,992	8.90%
<b>Total Mixed Systems</b>	<b>149</b>	<b>4.79%</b>	<b>13,005</b>	<b>7.05%</b>	<b>19,000,596</b>	<b>9.10%</b>	<b>14,084,992</b>	<b>8.90%</b>
<b>Total:</b>	<b>3,113</b>	<b>100.00%</b>	<b>184,394</b>	<b>100.00%</b>	<b>208,755,428</b>	<b>100.00%</b>	<b>158,281,608</b>	<b>100.00%</b>



# Type of Voting Equipment by County



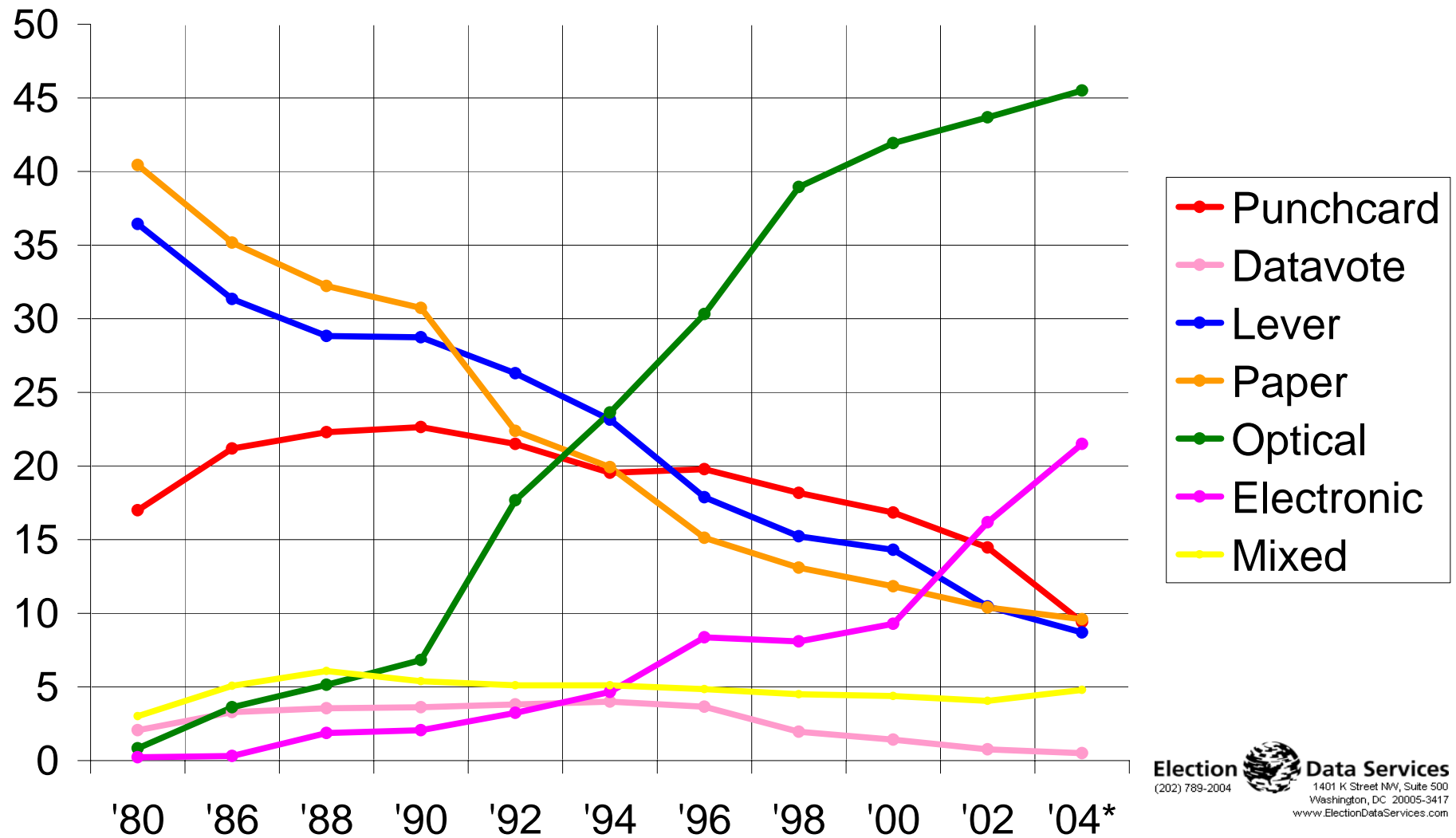
Alaska does not have counties. Accuvote system is used statewide except for a few paper ballot precincts.

Equipment expected to be used in the November 2004 election as reported by state election officials. The map shows equipment used at polling places, not necessarily absentee balloting.

	Percent of Counties	Percent of Registered Voters
<span style="color: red;">■</span> Punchcard	9.4%	16.8%
<span style="color: pink;">■</span> DataVote	.5%	1.8%
<span style="color: cyan;">■</span> Lever	8.7%	12.8%
<span style="color: orange;">■</span> Paper	9.6%	.6%
<span style="color: green;">■</span> Optical	45.5%	32.2%
<span style="color: purple;">■</span> Electronic	21.5%	28.9%
<span style="color: yellow;">■</span> Mixed Systems	4.8%	6.8%

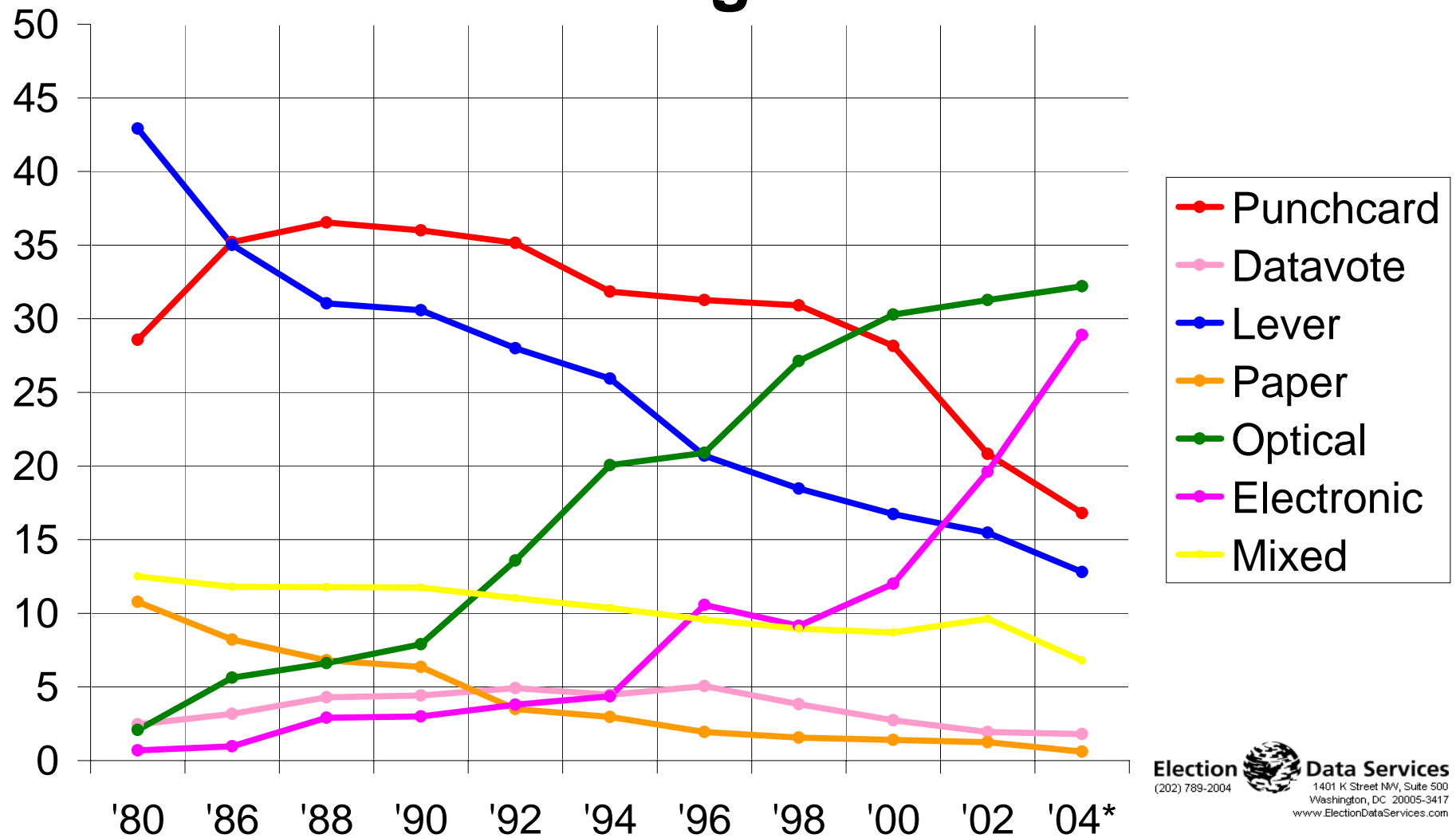


# Percent of Counties



\* Expected for November 2004 based on information available as of 02/09/2004

# Percent of Registered Voters



\* Expected for November 2004 based on information available as of 02/09/2004