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STATE OF NEW MEXICO COUNTY OF LEA FIFTH JUDICIAL DISTRICT

REPUBLICAN PARTY OF NEW MEXICO, DAVID GALLEGOS, TIMOTHY JENNINGS, DINAH VARGAS, MANUEL GONZALES, JR. BOBBY AND DEE ANN KIMBRO, and PEARL GARCIA,

Plaintiffs,

Cause No. D-506-Cv-2022-00041

MAGGIE TOULOUSE OLIVER, in her official capacity as New Mexico Secretary of State, MICHELLE LUJAN GRISHAM, in her official capacity as Governor of New Mexico, HOWIE MORALES, in his official capacity as New Mexico Lieutenant Governor and President of the New Mexico Senate, MIMI STEWART, in her official capacity as President Pro Tempore of the New Mexico Senate, and JAVIER MARTINEZ, in his official capacity as Speaker of the New Mexico House of Representatives,

Defendants.

Declaration and Expert Report

Of

Kimball W. Brace

President

Election Data Services, Inc. 6171 Emerywood Court Manassas, VA 20112 August 25, 2023

v.

REPORT AND DECLARATION OF KIMBALL W. BRACE August 25, 2023

I. Introduction

My name is Kimball William Brace. I am the president of Election Data Services, Inc. ("Election Data Services" or "EDS, Inc."), a Manassas, Virginia-based consulting firm whose specialty is reapportionment, redistricting matters, election administration issues, and the census.

I have been retained by the law firm of Peifer, Hanson, Mullins & Baker, P.A. in the case of *Republican Party of New Mexico, et al. v. Oliver, et al.*, Case No. D-506-CV-2022-00041 to evaluate the redistricting process and plans generated in New Mexico for Congressional Districts. In addition, I have been asked to opine on Supreme Court Justice Kagan's dissenting opinion in *Rucho v. Common Cause*, 139 S. Ct. 2482 (2019) as it relates to New Mexico's 2021 redistricting process for Congressional Districts.

All the materials considered in forming the opinions contained herein are identified in this report. I am being compensated at an hourly rate of \$275 per hour for my work, and at an hourly rate of \$185 for work performed by other Election Data Services staffers.

II. Background and Qualifications

I attended American University in Washington, D.C., from 1969 through 1974 (having taken a year off for the 1972 campaign), where I earned a B.A. degree in Political Science. I started Election Data Services in 1977 and have been with the company since that time. Prior to 1977, I was a journalist and was employed by such companies as NBC News, Congressional Quarterly, and Plus Publications.

As president of Election Data Services, I supervise and direct all major projects in which the company is involved. Election Data Services has been viewed by clients, the press, academics, and the general public as a research facility and consulting firm dealing with many aspects of the electoral process. State and local governments across the nation have hired Election Data Services and its staff over the past five decades to provide software, database development

services, and consulting services for the creation of districting plans and the analysis of many aspects of the redistricting process.

Since 1979, I, individually and with Election Data Services, have been actively involved in many aspects of the redistricting process, having gone through five full census and redistricting cycles. I have been a consultant to many state and local governmental organizations around the nation, providing strategic advice and consulting on redistricting matters, coordinating the development of extensive databases used in the redistricting process, creating and assisting others with the creation of districting plans, and analyzing many aspects of districts and district configurations, including conducting racial bloc voting and compactness analysis. Over the past 44 years, Election Data Services' clients for redistricting services have come from more than half the states in the nation.

During the course of our work over the past nearly five decades, we have undertaken and performed many different analyses of redistricting plans from around the nation. Most notable are our efforts to calculate compactness measures for both congressional and state legislative districts in all 50 states. Our company supplied compactness data and the analysis of congressional districts in Texas and throughout the nation that was reported in Dr. Pildes' and Dr. Niemi's December 1993 Michigan Law Review article (92 Mich. L. Rev., 483), which was cited with approval by Justice O'Conner in Bush v. Vera 64 U.S.L.W. 4452, 4455, 4458 (U.S. June 13, 1996) (plurality opinion).

For the 2020 cycle, we were hired through a competitive bid process by the Michigan Independent Citizens Redistricting Commission, established by voter initiative to remove politicians from the redistricting process. We were contracted to provide plan drafting services through a bi-partison group of former state redistricting experts we created for the project. We created a massive database of all Census data, plus political data for the decade, all configured down to the Census block level and all higher geographic levels, so that it could be inforcorporated into the AutoBound redistricting mapping system that was used to perform the actual district creation at the direction of Commissioners in open and fully transparent public meetings that were televised. We trained Commission members on all aspects of the data and the software, and were present at each of their meetings to run the software projected onto large TV and projector screens, including YouTube live television coverages.

We had a similar all inclusive arrangement with the Rhode Island Legislature (as we have continuously since 1980). I personally testified at each of their weekly commission meetings, as well as before the legislature itself when they passed the final plan. We positioned a staffer in the state for the full year, who worked with each legislator on their district plan and then the merger of all ideas into a statewide plan for the commission. We also worked with more than half the state's cities and towns to create their own local redistricting plans, and then worked with their town clerks to adjust their precincts and ultimately their polling sites. We also worked with the local election clerks to adjust their street files that were embedding in the statewide voter registration system so that every voter was properly place in their respective precinct.

For the past three years we also worked in the State of Illinois with their state legislature, Cook County, Chicago, and city of North Chicago, Illinois, Bridgeport, Connecticut, Providence, Warwick and Cranston, RI, State of Virginia and city of Virginia Beach, VA. In some instances we provided complete database development and plan drafting services, while in other cercumstances we create the database and turned over the map drafting tasks to their own staffers. Even in those instances we continued to provide support for their efforts.

In addition, over the past four decades I have been called upon to provide reports, expert witness testimony, and assistance to attorneys in more than 80 different court cases.

I frequently give speeches to groups and organizations and participate in numerous conferences and panels on various aspects of apportionment. redistricting, and the census. Since the early 1980s, I have been a regular participant and speaker at annual and bi-annual meetings of the Task Force on Redistricting of the National Conference of State Legislatures ("NCSL"). I have also been on their faculty, as NCSL has conducted five regional "Get Ready for Redistricting" seminars each decade since 1980. I was also appointed by the U.S. Secretary of Commerce to the 2010 Census Advisory Committee, a 20-person advisory board to the Director of the Census Bureau. Earlier this year I was asked to be NCSL's representative on a series of half-day small-group expert meetings, being arranged by the Committee on National Statistics (CNSTAT), to delve deeply into and provide informal discussion/feedback with Census Bureau staff as they continue to develop the differential privacy-based Disclosure Avoidance System for the 2020 census. I am repeatedly called upon by members of the press with questions on redistricting, reapportionment, the census, election administration issues, and politics in general.

When I first started in redistricting for the 1980 cycle in other parts of the nation, redistricting experts conducted redistricting activities the old fashion way, using paper maps, lots of acetate, and plenty of color pencils. To see where different racial, ethnic origin and political groups were located in a jurisdiction, we colored thematic maps by hand. Unfortunately, that meant careful planning for what colors would show what percentage range. It was too time consuming to try one set of ranges, then change, and make another map. However, with the advent of personal computers (PCs) in the early 1980s, I and my company, Election Data Services, Inc. began using some of the earliest mapping software packages, usually to produce color maps for exhibits in court cases. This ultimately led us to more extensive geographic information system (GIS) software packages and our own development of redistricting software that was used in numerous state and local redistricting projects in the 1990 round.

We continued developing GIS software applications to help state governments compile precinct configurations for submission to the Census Bureau under P.L. 94-171 (whereby census data was compiled by precinct for use in redistricting). We developed analysis software for use during the 2000, 2010 and 2020 redistricting process and have utilized both major redistricting software packages over the past decades.

For the past five decades I and Election Data Services have studied and issued yearly reports on the apportionment process using new population estimates released by the Census Bureau and private demographic firms. All our reports can be found at our website: www.electiondataservices.com, under the "Research" tab. We have become a staple for the press and others to cite when looking at the shift that is occurring in population between different states.

A copy of my curriculum vitae is attached as **Exhibit A**, which includes a complete list of cases in which, during the previous five decades, I have testified as an expert at trial or by deposition.

III. SUMMARY OF CONCLUSIONS

My analysis of the redistricting plans developed during New Mexico's redistricting process have led me to cite the following important details which are expanded further in this report.

a. SB 1 kept over 70% of the state's population in the same congressional district as they were during the last decade.

- b. The state continued the practice of providing opportunities for minority candidates of choice to be elected in all three districts.
 All three districts have majority minority concentrations in SB 1, just like the plan used last decade. Therefore, there was no retrogression under the Voting Rights Act.
- c. Given the population shifts of the last decade that were unveiled with the 2020 Census results, it's understandable for the districts to move south and southeasterly during the redistricting process.
- d. District 2 continues to be the most Republican district in the state. The shift in the boundaries created by SB 1, made the district more competitive but not overwhelmingly Democratic, as evident by the 2022 election results. Republicans can still carry this district with the right candidate, as evidenced by past election results reconstituted to the new boundaries.
- e. Having drawn district boundaries in a number of states and local jurisdictions, as well as studying redistricting practices and results around the nation, I do not find SB 1 to be an egregious gerrymander as defined by Justice Kagan in *Rucho vs Common Cause*.

IV. REDISTRICTING PLANS ANALYZED

Any analysis of redistricting plans begins with understanding the parameters of Census data in the state. The 2020 Census data provided a wealth of information on the racial and ethnic origin of the population of New Mexico and where they are concentrated. We normally produce a map of the area in question based upon whether the racial groups are a majority or a plurality of the people in the appropriate geography. **Exhibit B** is a map of the Census data at the precinct level and where the racial groups are a majority or a plurality in the respective precinct. County boundaries are also shown for orientation. Only the non-Hispanic White, Hispanic, and non-Hispanic Native American populations are concentrated enough to be a majority or plurality of a precinct. There are no African American concentrations where they are more than 14% of a precinct.

For the purposes of this report, I have analyzed five different congressional plans that played a part in the New Mexico's redistricting process.

1) "Previous2011" Plan – The plan utilized by the State during the 2010s decade, adopted by the Courts in 2011. Typically, redistrictors use this

- plan as the benchmark, upon which all future plans are compared. As soon as the Census data is released, this is the first report most states produce to see "how far off" their existing districts might be in terms of "one person, one vote" calculations.
- 2) "PassedSB1" Plan The plan adopted in 2021 by the state legislature as SB1
- 3) "Plan A" Concept Plan The initial concept plan adopted by the Citizen Redistricting Committee, a Committee created by the State Legislature in "The Redistricting Act" NMSA 1978, § 1-3A-3 (2021). The Plaintiffs in this suit said in their complaint that Concept A was expressly adopted to "maintain status quo." It largely maintained the existing congressional districts as drawn by the state courts in 2012 and only divided four cities and four counties, while at the same time eliminating the division of McKinley County from the 2012 map. See Verified Complaint at ¶ 60, citing New Mexico Citizen Redistricting Committee Report on District Plans & Evaluations to the New Mexico Legislature at 30-32, dated Nov. 2, 2021.
- 4) "Plan E" Concept Plan Plaintiffs in this case said in their complaint that Concept E, known as the "Justice Chávez Map" was drawn by Justice Chávez in response to public comment on an earlier version published by the Citizen Redistricting Committee for public consideration. Citizen Redistricting Committee Report at 38-40. Concept E emphasized compactness in creating a single urban district (CD 1) centered on the city of Albuquerque and other incorporated urban and suburban communities immediately adjacent to Albuquerque, including Rio Rancho. Concept E expressly retained the core of CD 3 in northern New Mexico and CD 2 in southern New Mexico and only divided five cities and six counties. Verified Complaint at ¶¶ 61-63
- 5) "Plan H" Concept Plan Plaintiffs in this case said in their complaint that Concept H was not initially developed by the Citizen Redistricting Committee—it was based on a map submitted by a coalition of politically liberal community organizations on October 1, 2021. A core argument by the proponents of what would become Concept H was to "create a solid Hispanic voting age majority district" in CD 2. Verified Complaint at ¶¶ 66-67.

We have created a set of consistently formatted statewide maps, with an Albuquerque insert, of each of the plans that were analyzed. They are situated at the beginning of each of the analysis packages (as **x.1**) in **Exhibits D through H** noted below.

For each of the five plans analyzed, we have created a 20-page report (shown as **x.2**) in **Exhibits D through H** noted below) that shows population and political data for each of the districts in each plan. These reports follow a consistent format between the plans, including the fact that the plan's name is in the title for each page, and the second line of the title shows the methods used to calculate the racial and ethnic original information from the Census. This second line matches up with the more detailed description of race and ethnicity shown in **Exhibit C** of this report, with the straight number in the title indicating just the race calculations and the number followed by an "A" is the "non-Hispanic" racial data being shown.

The first page is always a report on what is the ideal district size for the populations for each decade. While we are showing a .002% acceptable population range, most state's congressional districts are drawn with no, or very little, population deviation. We use this kind of report for state legislative and local redistrictings were wider ranges have passed court review.

The second page of each report is reporting more detailed information on the plans' population deviation, for each of the districts and the overall plans' deviation by noting the largest and smallest district in the plan (the absolute numbers are then summed to get the plans' total deviation, expressed in both raw and percentage terms) The third page is an overview of the plan, with both the population deviation being shown and racial data for both total population and voting age population.

Pages 4 through 9 in each report presents the total populations, by different racial and ethnic origin calculations for the individual districts and overall state. Pages 10 through 15 in each report show the voting age populations for each of the racial and ethnic origin groups for each of the individual districts and overall state. Guides to the descriptions of the data in each column of the reports are shown on page 1 of the reports.

The political data for the districts in the plan begin on page 16 of the report and continue to the last page (page 20). The offices of President, Governor, Secretary of State and Treasurer are on page 16, while the offices of US Senator, Attorney General, Auditor and Land Commissioner are on page 17. Any third party candidates and votes are not show in the report, so that any calculations (including percentages) are only based on Republican and Democratic votes. Page 16 also contains the results of the "State Composite Score", which was used by the

Legislature in their redistricting work and includes all the contests in our political report except for the contests marked as "(not in index)". We have also computed a "Judicial Composite Score" which only contains the judicial results for Supreme Court and the Court of Appeals contests this past decade. Each of the two composite judicial contests are shown separately at the bottom of the table on Page 16. The individual judicial contests, with candidate names, for both Supreme Court and the Court of Appeals contest are shown on page 18 and 19 of the reports.

Finally, page 20 of each report contains voter registration data by party (with percentages) as well as turnout numbers and percentages for the individual election years starting in 2012 and continuing through the 2022 elections.

Previous Decade Plan (adopted in 2011) (Exhibit D)

Upon receipt of the 2020 Census results, the data showed the State of New Mexico would indeed need to conduct redistricting on their congressional district plan. **Exhibit D** shows that the districts used last decade were not in compliance with the one-person, one-vote criteria with the newer 2020 census results. Page 3 of **Exhibit D.2** showed the old plan had a 2.7% total deviation with the 2020 results, with District 1 (Albuquerque area) underpopulated by over 11,000 people (-1.6%) and in need of expansion. The extra population was mainly in District 2 (by over 8,000 people), which would need to shed some territory and people. District 3 was overpopulated by approximately 3,000 people. Given these parameters, it's understandable that the final legislative plan would reflect districts needing to move to the south and south-east.

Exhibit D.2 also shows that all three congressional districts were over 60% non-white (column labeled "Minority" on page 2), with district 2 being a majority Hispanic seat (nearly 55%) and the other two districts being plurality Hispanic. This is also an important benchmark of note so that the state not get caught in a retrogressive circumstance after redistricting.

The political data for the 2011 congressional plan used last decade (pages 16 through 20 in **Exhibit D.2**) shows Districts 1 and 3 as fairly consistently supporting Democratic candidates last decade. District 2 tends to support Republican candidates last decade, although a Democratic candidate did carry the district in several instances.

New Mexico is one state (like half the country) that registers voters by party (registration data is on page 20 of the **x.2** exhibits), including allowing "other" as a

party designation. Over the past decade, the "other" category has grown from approximately one-fifth of the total registrations to one-fourth by the end of the decade. Republicans have been fairly consistently 30-31% of the state's registrants for last decade. Therefore, the trend for the decade in party registration has been downward for Democrats, going from 47% to 44% in 2022.

While some people may point towards party registration numbers to indicate party strength in a state, more knowledgeable practitioners in the process look towards actual election results as a better indicator of the political leanings of an area. This is why we mainly create our redistricting databases to include actual election returns.

Passed Plan (SB1) (Exhibit E)

At the end of the redistricting process in 2021, the State Legislature adopted SB 1, their plan for the state's three congressional districts, and the subject of this court case. **Exhibit E.1** is a map of the plan, which shows how Districts 1 and 3 were shifted southward and south-easterly to pick up the excess population in District 2.

Exhibit E.2, page 2 shows the plan has a total deviation of only 14 people (or 0.0020%). District 1 is slightly under populated (by 9 people under the ideal size district), while District 2 is 5 persons over the ideal and District 3 is 3 people overpopulated.

SB 1 shifted population in Bernalillo (Albuquerque) County, particularly the western half by putting that heavily Hispanic portion of the County into District 2. As a result, District 2 went to 70.57% total population minority (from 64.92% in the 2011 former plan) (see page 3 of **Exhibit E.2**). As a result, District 1's concentration of minority population went down (from 61.83% in the 2011 plan to 54.47% in total population for SB 1). Importantly the voting age population concentration of total minority stayed above 50% at 50.61%.

Politically, SB 1 made District 2 more competitive, although most of the election returns continues to show the district remaining as the most Republican in the state. There are even several instances where Republican candidates carried District 2 (see the 2022 Governor's contest where Republican candidate Ronchetti received 50.16% of the vote and the 2022 Treasurers race where Republican candidate H. Montoya received 50.12% of the vote in the district). This was also

true in several of the Supreme Court and Court of Appeals contests in the past decade that were re-constituted according to the new boundaries in SB 1.

The political competitiveness of District 2 is also highlighted by the outcome of the 2022 congressional race, where the Democratic candidate won by only 1,350 votes, or a margin of 0.7%. In fact, the returns for this contest on the Secretary of State's website show the Democratic candidate winning because of a three times margin in the absentee votes after loosing the election day balloting.¹

Commission Concept Plans (A, E & H)

In the same manner as we did for the 2011 and SB 1 plans above, we have created maps and the 20-page set of tables for the three concept plans created by the Redistricting Commission that were mentioned in the Plaintiff's original complaint. The Commission Concept A plan is shown as Exhibit F series of documents, while the Commission Concept E plan is shown as Exhibit G series of documents. Finally, the Commission Concept H plan is shown as Exhibit H series of documents.

V. COMPARISON REPORTS

One of our longstanding programs we use in redistricting is what we call "AvsB" which allows us to compare, for example, two different plans to see how much is assigned to identical districts, or the amount of population and geography that is configured differently. The AvsB reports are utilized in this declaration. We have also created an extract of our normal AvsB report, in this instance comparing each plan against counties and census cities in the state. This exhibit shows all the counties that are split in the five plans we analyzed for Congress and the amount of population in each piece of a split county.

The County component AvsB report is the easiest one to explore and discuss first. **Exhibit I** is the Previous 2011 Plan compared to Counties report. Page 2 of the report focuses on Congressional District 1, which is composed of 641.488 people of Bernalillo County making up 92.4% of the district. This piece is 94.8% of the Bernalillo Counties' population (calculation on right set of columns). While District 1 covers all (100%) of Torrance County, the county is only 2.2% of

¹ https://klvg4oyd4j.execute-api.us-west-

^{2.}amazonaws.com/prod/PublicFiles/ee3072ab0d43456cb15a51f7d82c77a2/05f5f6e8-d139-452f-a03e-3a3a71ddd602/2022%20General%20Election%20Candidate%20Summary%20Results%20Report.pdf

district.1. Smaller pieces of three other counties (Sandoval, Valencia and Santa Fe) complete the composition of District 1.

District 2 was composed of 15 whole counties (Dona Ana, Lea, Otero. Chaves, Eddy, Grant, Cibola, Luna, Lincoln, Socorro, Sierra, Guadalupe, Hidalgo, Catron and De Baca) and parts of four other counties (Valencia, Roosevelt, McKinley, and a very small piece of Bernalillo). Dona Ana county (Las Cruces) formed the largest piece of the district, but it contained only 30.7% of the district's population.

Finally, District 3 was composed of 11 whole counties (San Juan, Curry, Rio Arriba, Taos, San Miguel, Los Alamos, Colfax, Quay, Mora, Union, and Harding) along with parts of five other counties (Santa Fe (comprising 96.5% of the county's population, Sandoval (85.6%), McKinley (90.8%), Bernalillo (only 4.7% of the county) and Roosevelt (63.4% of the county's population)). Of the 16 counties (in whole or in part) the three largest each amount to only approximately one-fifth of the district.

Exhibit J presents the AvsB report for the plan passed by the Legislature (SB 1) compared to Counties. The Legislative-passed plan shifted the focus of each of the three districts to some extent. District 1 went from five counties dominated by Bernalillo last decade to now 10 counties of which four smaller counties are totally within the district (Lincoln, Torrance, Guadalupe, and De Baca). Bernalillo still comprises 68.9% of the district's population. Sandoval County went from just over 21,000 people in the old district 1 to now over 128,000 of the new district.

Dona Ana (Las Cruces) is still the largest portion of District 2, comprising 31.1% of the district's population, but Bernalillo County now accounts for 26.9% of the district's population. Eight counties (including Dona Ana) are whole within the district, while parts of seven other counties comprise the district.

District 3 shifts southeasterly along the New Mexico/Texas border to the town of Hobbs. But the population base is still up in Santa Fe and San Juan Counties (comprising 20.6% and 17.2%, respectively of the district). Despite that northern set of counties, one significant shift has occurred in Sandoval County. Previously in the 2011 plan Sandoval contributed over 127,000 people to the district, but in the 2021 Passed plan that dropped to just 20,000 people in district 3. That shift was mainly due to the shift of the city of Rio Rancho into district 1.

In a similar vein, we were also able to run an AvsB report looking at cities in the state for the new 2021 Passed Plan. To save the report size, we limited the cities evaluated to those with more than 2,500 people in the respective cities. This report is identified as **Exhibit K**.

Just as the AvsB reports can show parts of Counties or Cities, we also utilize it to compare two different plans against each other. Exhibit L compares the Previous 2011 plan to the new Passed SB 1 plan. The highlight of the report shows that each of the three districts retained at least 70% of their old district's population. For District 1, 528,092 people (or 74.8%) remained in District 1 in the new legislative-passed plan. For District 2, 518,069 people (or 73.4%) stayed in District 2. Finally, for District 3, the retention amounted to 80.1% of the people.

VI. COMPACTNESS STUDIES

Since this nation's founding, the word "gerrymandering" has been a term of art widely used to describe the redistricting process and district boundaries that one does not like. Academics in the 1960s began developing measurements to calculate different geometric aspects of district boundaries under the common term of "compactness". One of the earlier "bibles" of compactness measurements explaining some of the issues with the calculations is in the Neimi, Grofman, Hofeller & Carlucci publication from 1990. Many of the redistricting software packages used for the past several decades have a standard report on compactness that can be run at any time during the planning drafting and evaluation process. I have reproduced the text of compactness explanations from the AutoBound EDGE redistricting software package, which we utilize in our work, as **Exhibit M** to this report.

We have utilized the software to calculate compactness scores for the New Mexico Congressional Boundaries for each of the five plans we have evaluated for this expert report. These reports are exhibit documents attached to this report as **Exhibit D3** (2011 Congressional Plan), **E3** (Passed plan in SB 1), **F3** (Commission Concept A), **G3** (Commission Concept E), and **H3** (Commission Concept H Plan).

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² Richard Niemi, Bernard Grofman, Thomas Hofeller, and Carl Carlucci (1990). **Measuring the Compactness and the Role of a Compactness Standard in a Test for Partisan Gerrymanderings**". *Journal of Politics*.

Academics calculate compactness and express the results on a scale of 0 to 1, with "1" being the most compact and scores closer to zero being the least compact. I tend to think of these scores in percentage terms because they are generally showing things like an area as a percentage of the district perimeter or the area within a circumscribing circle, dependent upon the measurement used. In setting up our own calculations to congressional districts for the entire nation, we believe we have found an error in the AutoBound compactness report created by CityGate (the developers of AutoBound) in their "Length-Width" compactness value (since it's shown going above 1 generally in their reports). We have alerted the developers.

Each of the measurements shows different tests and should not be compared between the measurements, but instead should be used to evaluate different districts within each measurement. It's very seldom to have a perfect score of "1" for any of the tests, so instead discussion should focus on a district being "more compact" or "less compact" than some other district or the state's average. The AutoBound reports show which district is the "most compact" and which is the "least compact" within that measurement.

Given the manner in which the Legislature drew the boundaries for the SB 1 plan, particularly how district 3 moves down the New Mexico/Texas border, the AutoBound reports consistently labels district 3 as being the "least" compact district in the plan. Conversely, district 2 (the subject of this case) has been shown to be the "most" compact district in the plan. This was also the case in the 2011 plan used last decade.

Given Election Data Services' nationwide scope, I was also interested to investigate how New Mexico's districts compared to all 435 districts in the nation. We produce our election results poster after every general election and for 2022 we created a new nationwide file of congressional districts boundaries given the redistricting since the turn of the decade. We initially used this file to generate the five compactness scores similar to those reported above from AutoBound. In reviewing these data calculations, we noticed that the use of shorelines in the poster map caused lower compactness scores for districts on the ocean on both coasts. The best example of this problem is in Rhode Island, where Narragansett Bay bisects the First CD and leads to an enormous boundary length for such a small state. Maryland's CDs also have this problem with Chesapeake Bay. See **Exhibit N** Nationwide Congressional Boundaries Compactness results using boundaries with coast lines and merged state/nationwide average scores, sorted by Polsby-Popper and Schwartzberg scores. New Mexico's three districts and the

statewide averages for the various compactness scores have been highlighted in yellow, with the nationwide averages line highlighted in orange.

While this coastal problem does not affect the compactness scores for New Mexico, given the state's interior nature in the nation, I was concerned those boundaries might make other state's scores artificially lower compared to New Mexico. As a result, we also retrieved the nationwide congressional boundaries generated in TIGER by the US Census Bureau (these have also been updated with the new 2021 district configurations). The Bureau shows boundaries going out to the 3-mile limits of the nationwide borders, which then generates smoother boundaries that bring up the compactness calculations. **Exhibit O** shows the compactness scores for every congressional district in the nation, with the last page being the statewide averages of the district scores for all 50 states and the nation. Exhibit O is sorted in state and district order.

The nationwide dataset shows that New Mexico's 2021 plan, SB 1, does better than the nationwide averages on all compactness scores, except for the Reock test (New Mexico's average for Reock is .37, while the nationwide average is .38, so it is about the same). This includes all three congressional districts' individual compactness scores. (see Exhibit O, page 12 for the statewide averages comparison, and page 7 for New Mexico's three individual district's compactness scores.)

Executed this 25th day of August, 2023, at Manassas, VA

Kimball Brace

Minball W. Brace

List of Exhibits Attached to Declaration of Kimball Brace

- A. Kimball Brace Vita
- B. Majority-minority racial/ethnic origin map of the state at the precinct level
- C. Explanation of Redistricting Databases and Census Data Analysis and Compilation
- D. Analysis of 2011 Congressional Plan
 - 1. Map of 2011 Congressional Plan
 - 2. 20-page population and political data report
 - 3. Compactness report on plan
- E. Analysis of Legislative-passed Congressional Plan (SB1)
 - 1. Map of Legislative Passed Plan
 - 2. 20-page population and political data report
 - 3. Compactness report on plan
- F. Analysis of Redistricting Commission's Concept A Plan
 - 1. Map of Commission's Concept A Plan
 - 2. 20-page population and political data report
 - 3. Compactness report on plan
- G. Analysis of Redistricting Commission's Concept E Plan
 - 1. Map of Commission's Concept E Plan
 - 2. 20-page population and political data report
 - 3. Compactness report on plan
- H. Analysis of Redistricting Commission's Concept H Plan
 - 1. Map of Commission's Concept H Plan
 - 2. 20-page population and political data report
 - 3. Compactness report on plan

- I. AvsB Report for 2011 Plan compared to Counties.
- J. AvsB Report for SB 1 Plan compared to Counties.
- K. AvsB Report for the 2021 Passed SB 1 Plan compared to Cities.
- L. AvsB Report for comparison of the 2011 Previous plan to the 2021 Passed SB 1 Plan passed by the Legislature.
- M. Measuring Compactness explanation from AutoBound EDGE
- N. Nationwide Congressional Boundaries Compactness results using boundaries with coast lines and merged state/nationwide average scores, sorted by Polsby-Popper and Schwartzberg scores.
- O. Nationwide Congressional Boundary Compactness results using boundaries from Census Bureau TIGER files and reflecting smoother 3-mile boundaries along the two coasts. Individual district and state pages are sorted in state/district order.

EXHIBIT A

VITA

KIMBALL WILLIAM BRACE

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Kimball Brace is the president of Election Data Services Inc., a consulting firm that specializes in redistricting, election administration, and the analysis and presentation of census and political data. Mr. Brace graduated from the American University in Washington, D.C., (B.A., Political Science) in 1974 and founded Election Data Services in 1977.

Redistricting Consulting

Activities include software development; construction of geographic, demographic, or election databases; development and analysis of alternative redistricting plans; general consulting, and onsite technical assistance with redistricting operations.

Congressional and Legislative Redistricting

Arizona Independent Redistricting Commission: Election database, 2001

Arizona Legislature, Legislative Council: Election database, 2001

Colorado General Assembly, Legislative Council: Geographic, demographic, and election databases, 1990–91

Connecticut General Assembly

- Joint Committee on Legislative Management: Election database, 2001; and software, databases, general consulting, and onsite technical assistance, 1990–91
- Senate and House Democratic Caucuses: Demographic database and consulting, 2001

Florida Legislature, House of Rep.: Geographic, demographic, and election databases, 1989–92 Illinois General Assembly

- Speaker of House and Senate Minority Leader: Software, databases, general consulting, and onsite technical assistance, 2000–02,
- Speaker of House and President of Senate: Software, databases, general consulting, and onsite technical assistance, 2018-current, 2009-2012, 1990-92, and 1981-82

Iowa General Assembly, Legislative Service Bureau and Legislative Council: Software, databases, general consulting, and onsite technical assistance, 2000–01 and 1990–91

Kansas Legislature: Databases and plan development (state senate and house districts), 1989

(Redistricting Consulting, cont.)

Massachusetts General Court

- Senate Democratic caucus: Election database and general consulting, 2001–02
- Joint Reapportionment Committees: Databases and plan development (cong., state senate, and state house districts), 1991–93, 2010-2012

Michigan Legislature: Geographic, demographic, and election databases, 1990–92; databases and plan development (cong., state senate, and state house districts), 1981-82

Missouri Redistricting Commission: General consulting, 1991–92

Commonwealth of Pennsylvania: General consulting, 1992

Rhode Island General Assembly and Reapportionment Commissions

- Software, databases, plan development, and onsite assistance (cong., state senate, and state house districts), 2016- current, 2010-2012, 2001–02 and 1991–92
- Databases and plan development (state senate districts), 1982-83

State of South Carolina: Plan development and analysis (senate), U.S. Dept. of Justice, 1983–84

Local Government Redistricting

Orange County, Calif.: Plan development (county board), 1991–92

City of Bridgeport, Conn.: Databases and plan development (city council), 2011-2012 and 2002–03

Cook County, Ill.: Software, databases, and general consulting (county board), 2010-2012, 2001-02, 1992-1993, and 1989

Lake County, Ill.: Databases and plan development (county board), 2011 and 1981

City of Chicago, Ill.: Software, databases, general consulting, and onsite technical assistance (city wards), 2010-2012, 2001-02 and 1991-92

City of North Chicago, Ill.: Databases and plan development (city council), 1991 and 1983

City of Annapolis, Md.: Databases and plan development (city council), 1984

City of Boston, Mass.: Databases and plan development (city council), 2011-2012, 2001-2002, and 1993

City of New Rochelle, N.Y.: Databases and plan development (city council), 1991–92

City of New York, N.Y.: Databases and plan development (city council), 1990–91

Cities of Pawtucket, Providence, East Providence, and Warwick, and town of North Providence, R.I.: Databases and plan development (city wards and voting districts), 2011-2012, 2002

City of Woonsocket and towns of Charlestown, Johnston, Lincoln, Scituate and Westerly, R.I.: Databases and plan development (voting districts), 2011-2012, 2002; also Westerly 1993

City of Houston, Tex.: Databases and plan development (city council), 1979 — recommended by U.S. Department of Justice

City of Norfolk, Va.: Databases and plan development (city council), 1983–84 — for Lawyers' Committee for Civil Rights

(Redistricting Consulting, cont.)

Virginia Beach, Va.: Databases and plan development (city council), 2011-2012, 2001-02, 1995, and 1993

Other Activities

- International Foundation for Electoral Systems (IFES) and U.S. Department of State: redistricting seminar, Almaty, Kazakhstan, 1995
- Library of Congress, Congressional Research Service: Consulting on reapportionment, redistricting, voting behavior and election administration
- National Conference of State Legislatures (NCSL): Numerous presentations on variety of redistricting and election administration topics, 1980 current

Election Administration Consulting

Activities include seminars on election administration topics and studies on voting behavior, voting equipment, and voter registration systems.

Prince William County, VA:

- 2013 Appointed by Board of County Supervisors to 15 member Task Force on Long Lines following 2012 election. Asked and appointed by County's Electoral Board to be Acting General Registrar for 5-month period between full-time Registrars.
- 2008 current poll worker and now chief judge for various precincts in county
- U.S. Election Assistance Commission (EAC): Served as subcontractor to prime contractors who compiled survey results from 2008 and 2010 Election Administration and Voting Survey.
- U.S. Election Assistance Commission (EAC): Compile, analyze, and report the results of a survey distributed to state election directors during FY–2007. Survey results were presented in the following reports of the EAC: The Impact of the National Voter Registration Act of 1993 on the Administration of Elections for Federal Office, 2005–2006, A Report to the 110th Congress, June 30, 2007; Uniformed and Overseas Citizens Absentee Voting Act (UOCAVA), Survey Report Findings, September, 2007; and The 2006 Election Administration and Voting Survey, A Summary of Key Findings, December, 2007.
- U.S. Election Assistance Commission (EAC): Compile, analyze, and report the results of three surveys distributed to state election directors during FY–2005: Election Day, Military and Overseas Absentee Ballot (UOCAVA), and Voter Registration (NVRA) Surveys. Survey results were presented in the following reports: Final Report of the 2004 Election Day Survey, by Kimball W. Brace and Dr. Michael P. McDonald, September 27, 2005; and Impact of the National Voter Registration Act of 1993 on the Administration of Elections for Federal Office, 2003–2004, A Report to the 109th Congress, June 30, 2005.
- Rhode Island Secretary of State: Verification of precinct and district assignment codes in municipal registered voter files and production of street files for a statewide voter registration database, on-going maintenance of street file, 2004-2006, 2008-2014, 2016-2017.
- Rhode Island Secretary of State, State Board of Elections & all cities & towns: production of precinct maps statewide, 2012, 2002, 1992

(Election Administration Consulting, cont.)

District of Columbia, Board of Elections and Ethics (DCBOEE): Verification of election ward, Advisory Neighborhood Commission (ANC), and Single-Member District (SMD) boundaries and production of a new street locator, 2003. Similar project, 1993.

Harris County, Tex.: Analysis of census demographics to identify precincts with language minority populations requiring bilingual assistance, 2002–03

Cook County, Ill., Election Department and Chicago Board of Election Commissioners:

- Analysis of census demographics to identify precincts with language minority populations requiring bilingual assistance, 2019, 2010-2013, 2002–03
- Study on voting equipment usage and evaluation of punch card voting system, 1997

Chicago Board of Election Commissioners: Worked with Executive Director & staff in Mapping Dept. to redraw citywide precincts, eliminate over 600 to save costs, 2011-12 Library of Congress, Congressional Research Service: Nationwide, biannual studies on voter registration and turnout rates, 1978–2002

U.S. General Accounting Office (GAO), U.S. Dept. of Justice, and numerous voting equipment vendors and media: Data on voting equipment usage throughout the United States, 1980–present

Needs assessments and systems requirement analyses for the development of statewide voter registration systems:

- Illinois State Board of Elections: 1997
- North Carolina State Board of Elections, 1995
- Secretary of Commonwealth of Pennsylvania, 1996

Federal Election Commission, Office of Election Administration:

- Study on integrating local voter registration databases into statewide systems, 1995
- Nationwide workshops on election administration topics, 1979–80
- Study on use of statistics by local election offices, 1978–79

Cuyahoga County, Ohio, Board of Elections: Feasibility study on voting equipment, 1979

Winograd Commission, Democratic National Committee: Analysis of voting patterns, voter registration and turnout rates, and campaign expenditures from 1976 primary elections

Mapping and GIS

Activities include mapping and GIS software development (geographic information systems) for election administration and updating TIGER/Line files for the decennial census.

2000 Census Transportation Planning Package (CTPP), 1998–99: GIS software for the U.S. Department of Transportation to distribute to 400 metropolitan planning organizations (MPOs) and state transportation departments for mapping traffic analysis zones (TAZs) for the 2000 census; provided technical software support to MPOs

Census 2000, 2010 and 2020 Redistricting Data Program, Block Boundary Suggestion Project (Phase 1) and Voting District Project (Phase 2), 1995–99: GIS software and provided software, databases, and technical software support to the following program participants:

- Alaska Department of Labor
- Connecticut Joint Committee on Legislative Management

(Mapping & GIS Support, cont.)

- Illinois State Board of Elections
- Indiana Legislative Services Agency
- Iowa Legislative Service Bureau
- New Mexico Legislative Council Service
- Rhode Island General Assembly
- Virginia Division of Legislative Services

Developed PRECIS® Precinct Information System—GIS software to delineate voting precinct boundaries—and delivered software, databases, and technical software support to the following state and local election organizations (with date of installation):

- Cook County, Ill., Department of Elections (1993)
- Marion County, Fla., Supervisor of Elections (1995)
- Berks County Clerk, Penn. (1995)
- Hamilton County, Ohio, Board of Elections (1997)
- Brevard County, Fla., Supervisor of Elections (1999)
- Osceola County, Fla., Supervisor of Elections (1999)
- Multnomah County, Ore, Elections Division (1999)
- Chatham County, Ga., Board of Elections (2000)
- City of Chicago, Ill., Board of Election Commissioners (2000)
- Mahoning County, Ohio, Board of Elections (2000)
- Iowa Secretary of State, Election and Voter Registrations Divisions (2001)
- Woodbury County, Iowa, Elections Department (2001)
- Franklin County, Ohio, Board of Elections (2001)
- Cobb County, Ga., Board of Elections and Voter Registration (2002)

Illinois State Board of Elections, Chicago Board of Election Commissioners, and Cook County Election Department: Detailed maps of congressional, legislative, judicial districts, 1992

Associated Press: Development of election night mapping system, 1994

Litigation Support

Activities include data analysis, preparation of court documents and expert witness testimony. Areas of expertise include the census, demographic databases, district compactness and contiguity, racial bloc voting, communities of interest, and voting systems. Redistricting litigation activities also include database construction and the preparation of substitute plans.

State of Alabama vs. US Department of Commerce, et al (2019-2020) apportionment & citizenship data

NAACP vs. Denise Merrill, CT Secretary of State, et al (2019-2020) state legislative redistricting and prisoner populations

Latasha Holloway, et al. v. City of Virginia Beach, VA (2019) city council redistricting

Joseph V. Aguirre vs. City of Placentia, CA (2018-2019), city council redistricting

Davidson, et al & ACLU of Rhode Island vs. City of Cranston, RI (2014-16), city council & school committee redistricting with prisoner populations.

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(Litigation Support, cont.)

Navaho Nation v. San Juan County, UT (2014-17) county commissioner & school board districts.

Michael Puyana vs. State of Rhode Island (2012) state legislature redistricting

United States of America v. Osceola County, Florida, (2006), county commissioner districts.

Deeds vs McDonnell (2005), Va. Attorney General Recount

Indiana Democratic Party, et al., v. Todd Rokita, et al. (2005), voter identification.

Linda Shade v. Maryland State Board of Elections (2004), electronic voting systems

Gongaley v. City of Aurora, Ill. (2003), city council districts

State of Indiana v. Sadler (2003), ballot design (city of Indianapolis-Marion County, Ind.)

Peterson v. Borst (2002–03), city-council districts (city of Indianapolis-Marion County, Ind.)

New Rochelle Voter Defense Fund v. City of New Rochelle, City Council of New Rochelle, and Westchester County Board Of Elections (2003), city council districts (New York)

Charles Daniels and Eric Torres v. City of Milwaukee Common Council (2003), council districts (Wisconsin)

The Louisiana House of Representatives v. Ashcroft (2002–03), state house districts

Camacho v. Galvin and Black Political Caucus v. Galvin (2002–03), state house districts (Massachusetts)

Latino Voting Rights Committee of Rhode Island, et al., v. Edward S. Inman, III, et al. (2002–03), state senate districts

Metts, v. Harmon, Almond, and Harwood, et al. (2002–03), state senate districts (Rhode Island)

Joseph F. Parella, et al. v. William Irons, et al. (2002-03), state senate districts (Rhode Island)

Jackson v. County of Kankakee (2001–02), county commissioner districts (Illinois)

Corbett, et al., v. Sullivan, et al. (2002), commissioner districts (St Louis County, Missouri)

Harold Frank, et al., v. Forest County, et al. (2001–02), county commissioner districts (Wisc.)

Albert Gore, Jr., et al., v. Katherine Harris as Secretary of State, State of Florida, et al., and The Miami Dade County Canvassing Board, et al., and The Nassau County Canvassing Board, et al., and The Palm Beach County Canvassing Board, et al., and George W. Bush, et al (2000), voting equipment design — Leon County, Fla., Circuit Court hearing, December 2, 2000, on disputed ballots in Broward, Volusia, Miami-Dade, and Palm Beach counties from the November 7, 2000, presidential election.

Barnett v. Daley/PACI v. Daley/Bonilla v. Chicago City Council (1992–98), city wards

Donald Moon, et al. v. M. Bruce Meadows, etc and Curtis W. Harris, et al. (1996–98), congressional districts (Virginia)

Melvin R. Simpson, et al. v. City of Hampton, et al. (1996–97), city council districts (Va.)

Vera vs. Bush (1996), Texas redistricting

Litigation Support, cont.)

In the Matter of the Redistricting of Shawnee County Kansas and Kingman, et al. v. Board of County Commissioners of Shawnee County, Kansas (1996), commissioner districts

Vecinos de Barrio Uno v. City of Holyoke (1992–96), city council districts (Massachusetts)

Torres v. Cuomo (1992–95), congressional districts (New York)

DeGrandy v. Wetherell (1992–94), congressional, senate, and house districts (Florida)

Johnson v. Miller (1994), congressional districts (Georgia)

Jackson, et al v Nassau County Board of Supervisors (1993), form of government (N.Y.)

Gonzalez v. Monterey County, California (1992), county board districts

LaPaille v. Illinois Legislative Redistricting Commission (1992), senate and house districts

Black Political Task Force v. Connolly (1992), senate and house districts (Massachusetts)

Nash v. Blunt (1992), house districts (Missouri)

Fund for Accurate and Informed Representation v. Weprin (1992), assembly districts (N.Y.)

Mellow v. Mitchell (1992), congressional districts (Pennsylvania)

Phillip Langsdon v. Milsaps (1992), house districts (Tennessee)

Smith v. Board of Supervisors of Brunswick County (1992), supervisor districts (Virginia)

People of the State of Illinois ex. rel. Burris v. Ryan (1991–92), senate and house districts

Good v. Austin (1991–92), congressional districts (Michigan)

Neff v. Austin (1991–92), senate and house districts (Michigan)

Hastert v. Illinois State Board of Elections (1991), congressional districts

Republican Party of Virginia et al. v. Wilder (1991), senate and house districts

Jamerson et al. v. Anderson (1991), senate districts (Virginia)

Ralph Brown v. Iowa Legislative Services Bureau (1991), redistricting database access

Williams, et al. v. State Board of Election (1989), judicial districts (Cook County, Ill.)

Fifth Ward Precinct 1A Coalition and Progressive Association v. Jefferson Parish School Board (1988–89), school board districts (Louisiana)

Michael V. Roberts v. Jerry Wamser (1987–89), St. Louis, Mo., voting equipment

Brown v. Board of Commissioners of the City of Chattanooga, Tenn. (1988), county commissioner districts

Business Records Corporation v. Ransom F. Shoup & Co., Inc. (1988), voting equip. patent

East Jefferson Coalition for Leadership v. The Parish of Jefferson (1987–88), parish council districts (Louisiana)

Buckanaga v. Sisseton School District (1987–88), school board districts (South Dakota)

Griffin v. City of Providence (1986–87), city council districts (Rhode Island)

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(Litigation Support, cont.)

United States of America v. City of Los Angeles (1986), city council districts

Latino Political Action Committee v. City of Boston (1984-85), city council districts

Ketchum v. Byrne (1982–85), city council districts (Chicago, Ill.)

State of South Carolina v. United States (1983–84), senate districts — U.S. Dept. of Justice

Collins v. City of Norfolk (1983–84), city council districts (Virginia) — for Lawyers' Committee for Civil Rights

Rybicki v. State Board of Elections (1981–83), senate and house districts (Illinois)

Licht v. State of Rhode Island (1982–83), senate districts (Rhode Island)

Agerstrand v. Austin (1982), congressional districts (Michigan)

Farmum v. State of Rhode Island (1982), senate districts (Rhode Island)

In Re Illinois Congressional District Reapportionment Cases (1981), congressional districts

Publications

- "EAC Survey Sheds Light on Election Administration", *Roll Call*, October 27, 2005 (with Michael McDonald)
- Developing a Statewide Voter Registration Database: Procedures, Alternatives, and General Models, by Kimball W. Brace and M. Glenn Newkirk, edited by William Kimberling, (Washington, D.C.: Federal Election Commission, Office of Election Administration, Autumn 1997).
- The Election Data Book: A Statistical Portrait of Voting in America, 1992, Kimball W. Brace, ed., (Bernan Press, 1993)
- "Geographic Compactness and Redistricting: Have We Gone Too Far?", presented to Midwestern Political Science Association, April 1993 (with D. Chapin and R. Niemi)
- "Whose Data is it Anyway: Conflicts between Freedom of Information and Trade Secret Protection in Redistricting", *Stetson University Law Review*, Spring 1992 (with D. Chapin and W. Arden)
- "Numbers, Colors, and Shapes in Redistricting," *State Government News*, December 1991 (with D. Chapin)
- "Redistricting Roulette," Campaigns and Elections, March 1991 (with D. Chapin)
- "Redistricting Guidelines: A Summary", presented to the Reapportionment Task Force, National Conference on State Legislatures, November 9, 1990 (with D. Chapin and J. Waliszewski)
- "The 65 Percent Rule in Legislative Districting for Racial Minorities: The Mathematics of Minority Voting Equality," *Law and Policy*, January 1988 (with B. Grofman, L. Handley, and R. Niemi)
- "Does Redistricting Aimed to Help Blacks Necessarily Help Republicans?" *Journal of Politics*, February 1987 (with B. Grofman and L. Handley)

"New Census Tools," American Demographics, July/August 1980

Professional Activities

Member, Task Force on Long Lines in 2012 Election, Prince William County, VA

Member, 2010 Census Advisory Committee, a 20-member panel advising the Director of the Census on the planning and administration of the 2010 census.

Delegate, Second Trilateral Conference on Electoral Systems (Canada, Mexico, and United States), Ontario, Canada, 1995; and Third Trilateral Conference on Electoral Systems, Washington, D.C., 1996

Member, American Association of Political Consultants

Member, American Association for Public Opinion Research

Member, American Political Science Association

Member, Association of American Geographers, Census Advisory Committee

Member Board of Directors, Association of Public Data Users

Member, National Center for Policy Alternatives, Voter Participation Advisory Committee

Member, Urban and Regional Information Systems Association

Historical Activities

Member, Manassas Battlefield Trust Board Member, 2018 -- current

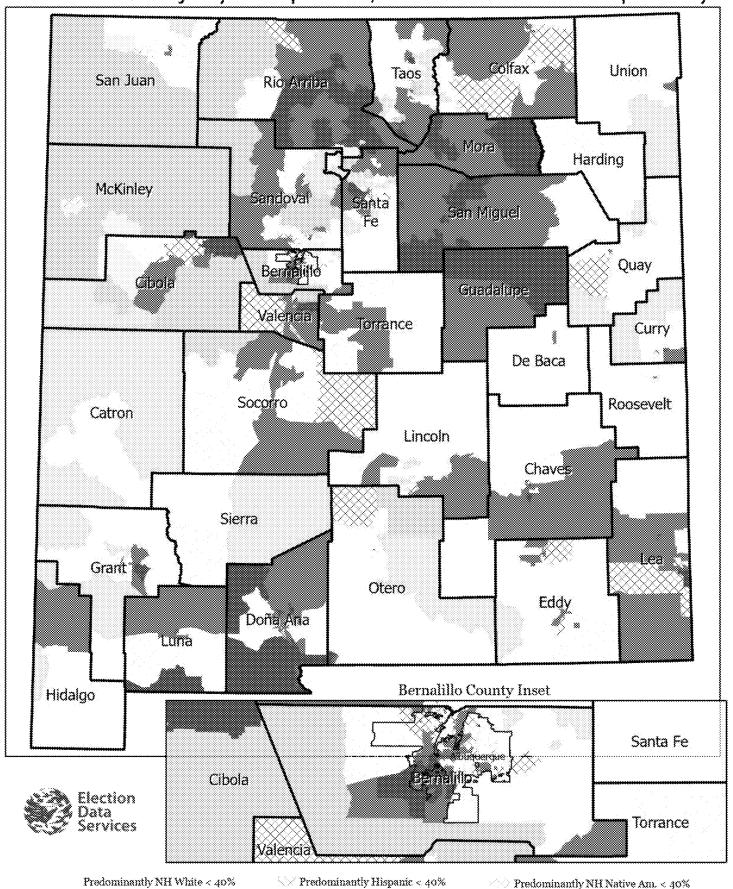
Member, Historical Commission, Prince William County, VA., 2015 – current. Elected Chairman in 2017, re-elected 2018

Member of Executive Committee & head of GIS Committee, Bull Run Civil War Round Table, Centerville, VA. 2015 – current

Member, Washington Capitals Fan Club, Executive Board 2017 -- current

February, 2020

New Mexico- Majority Race per VTD/Precinct 2020 Census Population)



♦♦ Predominantly Hispanic 40 - 49.9%

Majority Hispanic 50 - 74.9%

Majority Hispanic 75 - 100%

Predominantly NH Native Am. 40 - 49.9%

Majority NH Native Am. 50 - 74.9%

Majority NH Native Am. 75 - 100%

Predominantly NH White 40 - 49.9%

Majority NH White 50 - 74.9%

Majority NH White 75 - 100%

EXHIBIT C

Redistricting Databases

Over the past 44 years Election Data Services, Inc. has compiled extensive databases for use in the redistricting process and redistricting and voting rights court cases in many different states and localities. These databases form the heart of the redistricting process, but also are an essential building block for racial bloc

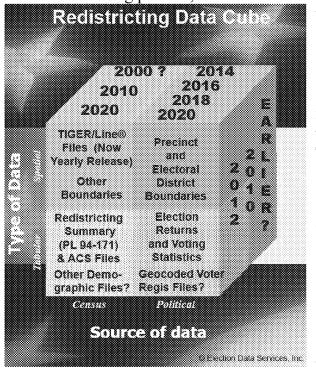


Figure 1

voting analysis. Generally, these databases merge four different elements through the use of geography. Over the past four decades Mr. Brace has spoken before many groups and courts about what he terms the "redistricting data cube". The sketch to the left depicts that cube.

Redistricting issues always deal with territory. In previous decades, the Census Bureau depicted data collection areas on paper maps. In 1990, the Bureau was able to create an electronic map of the entire country, called the Topologically Integrated Geographic Encoding and Referencing system, or TIGER. Census geography in the form of TIGER files becomes the **first**

<u>element of the data cube</u>, shown in the upper left side of the cube (i.e., type of data: spatial; source of data: Census).

The TIGER files are actually massive databases in themselves and encompass all the lines that one sees on a map. These lines or "segments" are depicted with a latitude and a longitude coordinate point at the beginning and end of each line segment. These line segments have no population data associated with them, but they do have an extensive set of other attribute information. For example, each line segment has information about whether it is a stream, road, railroad, or power line, etc. If the segment is a road or stream, there is also

information about its name. If the segment is a road, there is also information in many instances about address ranges.

All line segments have geographic codes that identify the census tract and block on the left and right sides of the line. If one were to travel along a series of line segments and make a right turn at the end of each segment onto an intersecting line segment, one would eventually return to the starting point. Upon arrival at the starting point, one would be "closing" a polygon. This resulting polygon would form the basic census block. Census blocks are linked to block-level population and demographic data, but these numeric data are not in the TIGER files.

This numeric data, the <u>second element in the data cube</u> (lower left of the cube), is reported by the Census Bureau after each decennial census and consists of population and demographic counts associated with each census tract and block in each state. This data is first released for redistricting purposes in a computer file called the Census Redistricting (PL 94–171) Summary File. For each census tract and block there are both total population and voting age population (18 years old and over) counts, along with sub-counts of the different racial and Hispanic origin categories tabulated by the Census Bureau. For the first time in the 2000 Census, persons could choose multiple racial or ethnic origins, which caused the PL 94–171 population files to expand from 12 columns of data in 1990 to 291 columns of data in 2000 and 2010. Despite this seemly massive amount of data, it is generally not until the year ending in a "2" when more detailed demographic data, such as income or education information, is released by the Census Bureau.

The availability of the Census Bureau's PL94-171 population data files is still undetermined as of 2/9/2021. It is our understanding in discussions with Bureau staff that the release of the PL files will again be delayed in an announcement expected by this Friday. We understand that the PL files may not be released until August or September of 2021, which will pose major problems for being able to meet the state's redistricting deadlines.

These two Census computer files (TIGER and PL) form the heart of any redistricting effort and are absolutely necessary for drawing and analyzing districts.

If one wishes to perform an electoral analysis of voting behavior for a given area, election returns are required. This is the **third element in the data cube** (lower right of cube). In the past these returns had to be collected from each county in a state, although more states are centralizing that collection effort. However, when redistricting deals with local contests, returns from multiple years must be collected from local election offices and, if not in electronic form, must be

keypunched to perform the analysis. State of New Mexico is extremely fortunate in that the state's election office makes precinct level returns available on their website for all years and all contests.

Election returns alone are not enough to do racial voting or political analysis that is required in a redistricting and/or court case setting. One must know where the election returns come from—that is, from what part of a county or city. This is where the **fourth element of the data cube** (upper right of cube) — precinct maps — comes into play. Precinct maps for each election year must be collected and analyzed to determine the extent of change since the previous year.

It is standard practice across the United States for county governments to make massive precinct changes subsequent to statewide redistricting that occur in the years ending in "1" and "2". In addition, many larger jurisdictions change precinct boundaries on a regular basis as population shifts occur or there is a need to relocate a polling place. As a result, to analyze election contests that occur over time, one must determine the makeup of each precinct in each election in which the contests were held.

Election Data Services, Inc. has been collecting precinct maps from around the nation since the early 1980s. To study racial bloc voting or perform other types of electoral analysis, the racial makeup of each precinct needs to be determined and matched up with election returns. Unfortunately, the Census Bureau reports demographic data for only those precincts that were in existence in the year ending with "8" before the decennial census is conducted. To merge racial demographic data from the Census Bureau with the configuration of the precincts used in each election over the decade, one must overlay the precinct map boundaries that existed in each election on top of the census geographic boundaries.

It is our understanding that the State of New Mexico, through the offices of the firm Research and Polling, had compiled and digitized the boundaries of all precincts in the state for the entire decade. Their President, Brian Sanderoff and staffer Michael Sharp provided raw election returns data and boundary files which we then incorporated into the EDS database and reports.

Election Data Services, Inc. has developed computer programs to assist with this process, whereby an operator assigns census tracts and blocks to individual precincts using GIS technology. Once this block-to-precinct equivalency has been developed, additional computer programs can tally up the census demographic and racial data from the blocks to the precinct summary level. E.D.S. Inc. has loaded

these files into various computer databases compiled over the years for such analysis.

Election Data Services, Inc. has spent thousands of hours of staff time compiling extensive databases of state and local election returns and combining the geography of precincts with census geography. A database that matches precinct election returns with the demographic composition of the precincts as reported by the Census is required to conduct an analysis of voting patterns by race/ethnicity. These types of databases are the central component necessary to determine the extent to which racial groups vote differently or the same. Combining all of this information creates a massive database that is internal to Election Data Services, Inc. Additional programs have been created to extract individual election contests from the massive internal database and format them into smaller ASCII datasets that can be read by statistical software programs, such as SPSS, S-Plus, or "R" used to perform racial bloc voting analyses.

Census Data Analysis and Compilation

As noted earlier, census data is one of the major elements of the "datacube." With regard to demographic information and race, the 2010 Census asked, and the 2020 Census is asking, each individual two major questions. First, they asked

whether the person was
Hispanic or not (the Census
Bureau has not considered
Hispanic as being a race).
The actual Hispanic
question in the
questionnaire for 2020
appeared as noted in Figure
2, to the right. Second,
they asked the person's
race. This is show in

Puerto Rican Cuban another Hispanic, Latino, or Spanish origin – <i>Print, for</i> nple, Salvadoran, Dominican, Colombian, Guatemalan,	i, Mexican, Mexican Am., Chicano i, Puerto Rican
Cuban another Hispanic, Latino, or Spanish origin – <i>Print, for</i> rple, <i>Sal</i> vadoran, Dominican, Colombian, Gustemalan,	
another Hispanic, Latino, or Spanish origin – <i>Print, for</i> nple, <i>Salvadoran, Dominican, Colombian, Gustemalan</i> ,	. Podena
riple, Salvadoran, Dominican, Colombian, Gustemalan,	i, William

Figure 2

Figure 3, below. This two-part question format has been used since Hispanic origin was first asked of every individual in 1980.

Since 1980 the Census Bureau has taken the results of the race question

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	Some other rac	38 ~ P	ten ince er eng	m. j		other
						100%
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						2020 (

ated counts of five racial groups along catch-all of "some ace". The five major roups were "white", or African-American", can American Indian ka Native", "Asian" combined the answers n American Indian, e, Filipino, Korean, se, Vietnamese, and Asian), and "Native an or Other Pacific r" (which combined wers of Pacific r, Native Hawaiian, nian or Chamorro, n, and Other Pacific r). Traditionally, ve major racial along with "some ace" would add to or the total population d by the census. The ensus allowed more space for individuals to

include ancestry answers as write-ins as a way of clarifying their race, but the data on ancestry will not be released until later in the decade, long after redistricting.

The Census Bureau also asked individuals whether they were of Hispanic origin. Because the Census Bureau and the federal government for each of the last four censuses have concluded that "Hispanic Origin" is not a racial category (anyone of any race can also be Hispanic), the Census Bureau provides crosstabulations in its PL 94-171 data tables. Utilizing these cross-tabulations, Election

Data Services, Inc. has traditionally developed its datasets by showing Hispanic Origin as if it were a race, and then removing Hispanics from the individual racial data. As such, we report Non-Hispanic White, instead of White; Non-Hispanic Black, instead of Blacks; Non-Hispanic Asian; instead of Asians; and so-forth. When the racial data and Hispanic Origin are reported in this manner, the groups add to 100 percent of the population.

Post census studies have shown that Hispanics have tended to divide their racial designation mainly between "Some other race" and "white" in roughly equal proportions. As a result, when we take out Hispanics from their relative racial groups in order to treat Hispanic as if it was a race, then the largest decreases occur in both the "White" and the "Some Other Race" categories.

The 2000 and 2010 censuses were a marked departure from earlier censuses on the reporting of racial data. In previous decades, individuals answering the Census were supposed to mark only one racial category. However, beginning with the 2000 Census, individuals could mark any number of racial categories (as many as all six), mainly due to the growth of multi-racial families in American society. This produced unique data issues concerning racial breakdowns and how they were reported. As one of the very few organizations involved in redistricting around the nation, Election Data Services, Inc. was closely involved with census personnel in researching and understanding the ramifications of the new data structures.

There are three basic ways to calculate the racial breakdowns for the 2000 and 2010 census. The first is to exclude any individuals who have marked more than one racial category from the basic racial definitions and put these individuals into a separate "multiple-race" category. This tends to create a bottom level of racial categorization for individual race groups, but one that is more compatible with the numbers that were reported in previous censuses. Election Data Services, Inc. designated these categories as "*Race-Alone*" and they occupy tab or table 1 in many of our reports.

The second method of calculation is to include in the individual race groups any individual who marked that race group alone, plus any individual who marked that race group in combination with any other racial group(s). This produces the maximum number of individuals in each racial group, but it also means that the totals of all racial groups added together will result in more than 100 percent of the population being reported. Election Data Services designated these categories as "*Combo*" or "*Max*" and they occupy tab or table 2 in many of our reports

The third method of calculation was recommended by the Federal Office of Management and Budget (OMB). In a <u>Federal Register</u> notice published in March 2000 (at the tail end of the Clinton administration), OMB laid out how federal agencies should use racial data from the 2000 Census (no fundamental change was made in this directive for the 2010 Census). In essence, the OMB recommended that any individuals who marked themselves as both "White" and some other minority race, should be counted as part of that other minority race. This increased the numbers reported for the racial groups above the "race-alone" categories, but actually excluded individuals who marked themselves as being in two different minority groups. We have found in our research that this method of calculation tends to fall in between the other two methods. Election Data Services, Inc. designates these categories as "*OMB*" and they occupy tab or table 3 in many of our data reports.

Election Data Services's standard dataset incorporates all three methods of calculating racial data from the 2000 and 2010 censuses. This will continue for the 2020 Census, as the Census Bureau announced two years ago that the same basic data will be used when they published the PL file for 2020. Producing and reporting population counts based on all three calculation methods allows us to compare the different methods and how district configurations are affected over three decades.

New Mexico - District Map of Previous 2011 Congressional Districts Colfax Taos Union San Juan Rio Amba 03 Mora Harding Los Alamos McKinley Sandoval Santa Fe San Miguel Quay Bernaillo Obola Guadalupe 01 Valencia Curry Torrance De Baca Coppe Roosevelt Socomo Catron Lincoln Chaves 02 Sierra Lea Grant Otero Eddy Dona Ana Luna Bernalillo County Inset Hidalgo Sandoval San Santa Fe 03 Miguel 01 Previous 2011 Cibola Bernallio District 02 01 Torrance Valencia

> Election win, NGA, USGS, NPS Data Services

- 03

] Counties

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	0	0	0	0	0	0	0	0	0	0		2	0	0			68,409			20,588	30,087	POPBLC	G
	3	0	0	0	0	0	0	0	0	0	0	0	0	0			3.23%		2.50%	2.88%	4.33%	PPopSt. C	I
																	263,615			54,278	54,568	POPNA_C	
	2	0	_	0	0	0	0	0	0	0	0	0	0	0			12.45%		21.83%	7.60%	7.86%	PROTESTIFIED POPWH_C PRODUCT C POPBL_C PRODEL C POPNA_C PRODUCT C POPAS_C	ر
																	55,997		15,973	11,862	28,162	OPAS_C #	_
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			2.64%		2.25%	1.66%		200	
																	6,012		2,002	1,773	2,237	POPPI_C 🗿	Μ
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			0.28%		0.28%	0.25%	0.32%	PopPi C	Z
																	678,288		186,346	265,528	226,414	* o_roade	L M N O
	0	0	_	_	_	0	0	0	0	0	0	0	0	0			32.03%		26.29%				٦
																	631,549		247,336	194,760	189,453	pOT C PopMonYV PP	Q
	0	0	2	_	0	0	0	0	0	0	0	0	0	0			29.82%		34.89%	27.28%	27.28%	Muchidodo	IJ

NM_Previous2011_Matrix_poli_formatted.xlsx 2A-PopNHRace_Combo

	_	2	З	4	ڻ ن	თ	7	œ	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	DISTRICT	0 <u>0</u> 1	200	203		STAST			Š	80%	, W	E5%	80%	959 8	50%a -	8 5% -	€ 0%	8	33 8	20%	10%	\$00 8	
⊅	ñ					H				89 9% %	9.8%	88.8%	94	\$6 \$9 \$9	34.6%	49.8%	45.9%	38 99	¥ E	23.8% 8	38.00 100 100 100 100 100 100 100 100 100		
L						۵																	
Œ] 														L								
c	POPTOT	694,577	714,022	708,923		2,117,522																	
F		77	22	23		22																	
c	W. 6946.80	103.38%	102.52%	103.15%		103.01%																	
H	PO	%	%	%		8										Н							
п	PERCENTINE POPNHWH_C PROPERTY C POPNHBL_C PR	285,038	266,281	276,535		827,854																	
L	o W	38	281	535		854																	
	90																						
7	2	41	37	39		ၽ																	
	Š	41.04%	37.29%	39.01%		39.10%			0	0	0	0	0	o	0	0	_	2	0	0	0	0	
Γ	POP																						
G	NHBI	23	13	7.		2																	
L	<u>'</u>	22,800	15,141	13,624		51,565																	
	7																						
I	GRNHER C POPNHNA_C PREDMINA C POPNHAS_C PREDMINAS_C PO	(3	N)	_		,,																	
	ő	3.28%	2.12%	1.92%		2.44%			0	0	0	0	0	٥	0	0	0	0	0	0	0	u	
Γ	POP																						
-	NIN	ω	ယ္က	13		21,																	
	ဂ	37,352	39,723	137,610		214,685																	
Γ	990																						
ے	4			_		_																	
	ã	5.38%	5.56%	19.41%		10.14%				_													
r	P	8	0	0		8			0	0	0	0	0	-	0	_	_	0	0	0	_	2	
,	PNH/																						
	S	24,586	9,800	13,863		48,249																	
Γ	2					Ť								Г									
_	*																						
	ě	3.54%	1.37%	1.96%		2.28%																	
r	PO	8	8	8		8			0	0	0	0	0	0	0	0	0	0	0	0	0	u	
S	PNH																						
	៊ី	1,488	1,165	1,406		4,059																	
Γ	3																						
z	***	0	0	0																			
L	Š	0.21%	0.16%	0.20%		0.19%			0	0	0	0	0	0	0	0	0	0	0	0	0	ω	
ľ	POP																						
С	HO		7	8		24																	
L	ر ا	8,481	7,480	8,086		24,047																	
	NHPLC PROPERTY C POPNHOT_C PROGRAMOT C POPHISP PROGRAM POPMONW PRODRADING																						
τ	8	_	_	_		_																	
L		.22%	.05%	.14%		.14%			0	0	0	0	0	٥	0	0	0	0	0	0	0	ω	
	POP	بب				_																	
S	HSP	338,305	392,391	280,115		,010,811																	
Γ	ğ	Ė					П		Γ						Г	П	П						
z	***	48.71%	54.96%	39.51%		47.74%																	
H	P	%	%	%		_	Н		0	0	0	0	0	0	_	_	٥	_	0	0	0	0	_
v.	980	409,539	447,741	432,388		,289,668																	
L	*	539	741	388		896	Ц								L	Ц							
	2																						
_	丑	58.96%	62.71%	60.99%		60.90%																	

NM_Previous2011_Matrix_poli_formatted.xlsx 3-PopRace_OMB

	_	2	ω	4 π	o ر	7	ဖ ၀	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Α	DISTRICT	001	002	003	STATE TOTAL		> 90%	90% - 89 9%	70% 79.5%	55% - 69 9%	50% 645%	55% - 5995%	50% 549%	45% 49.9%	40% - 45.9%	35% 399%	30% - 349%	20% 29.9%	10% - 169%	10%	
L			ı	1			1														
В	РО				2																
ဂ	POPTOT	694,577	714,022	708,923	2,117,522																
D	Percentitor I	80.93%	79.63%	84.02%	81.53%																
П	* V_HMdOc	366,559	369,359	343,019	1,078,937																
F	# HANGOGE	52.77%	51.73%	48.39%	50.95%		0	0	0	0	0	0	2	1	0	0	0	0	0	0	
G	POPBL_W	23,548	15,958	13,098	52,604																
I	A 18dodd	3.39%	2.23%	1.85%	2.48%		0	0	0	0	0	0	0	0	0	0	0	0	0	ω	
_	M_WN4Od	40,040	41,632	139,766	221,438)	0))))			3	
٦	PROMINE POPMILA PROMINE A POPBIL W PROPINS W POPNA W PROMINE W POPAS_W PR	5.76%	5.83%	19.72%	10.46%																
_	W_SAGO	21,10	8,392	11,328	40,821		0	0	0	0	0	0	0	0	0	0	0	0		2	
_	PPopAS W	3.049	2 1.18%	1.60%	1.93%																
×	MIddod	6 1,326	6 1,153	6 1,162	6 3,641		0	0	0	0	0	0	0	0	0	0	0	0	0	3	
z	An ladbad	0.19%	0.16%	0.16%	0.17%		0	0	0	0	0	0	0	0	0	0	0	0	0	з	
0	POPOT_W	109,560	132,080	87,250	328,890																
P	M LOGGES	15.77%	18.50%	12.31%	15.53%		0	0	0	0	0	0	0	0	0	0	0	0	3	0	
ລ	mas_w POPPI W Propert W TOPOT_W Propert W Popolic Wilder	328,018		365,904	1,038,585																
Z	Attontoda	47.23%	48.27%	51.61%	49.05%		0	0	0	0	0	0	_	2	0	0	0	0	0	0	

Γ	_	2	ω	4	ກບ	თ	7	œ	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
T	DISTRIC	003	ĝ	88		8			. 9 <u>0</u> 9	90.08	70%	B5%	65 20	56%	50%	¥5%	3	35 26	Ö	80 86	3	3	
٦	ñ					ğ				% G 68	¥8.6±	88.69	64 9%	% B BG	54.8%	48.8%	49.9%	が発達を	34.98	经 基金数	19.9%		
ū	*						**	**	*		*					***	**	**	*	***		***	**
-	P																						
ı	POPTOT	694,577	714,022	708,923	3 117 533	2,117,522																	
_	SOUTHWEST OF	97.43%	97.94%	97.56%	07 650/	97.65%																	
п	PARKETON POPNHWH_A PRO	265,106	250,465	257,381	770 051	772,952																	
8	724		35.08%	36.31%		36.50%			0	0	0	0	0	0	0	0	0	3	0	0	0	0	
G	POPNHBL W	18,782	12,252	10,543	41 677	41,577																	
1	WHASH A POPNIEL W PROMERED IN POPNING W PRO	2.70%	1.72%	1.49%	1 000	1.96%			0	0	0	0	0	0	0	0	0	0	0	0	0	ω	
_	OPNHNA_W 3	30,192	32,497	128,851	101 540	191,540																	
١,	P		4.55%	18.18%	0.0500	9.05%			0	0	0	0	0	0	0	0	0	0	0	0		2	
7	MA M POPNHAS W PROMEDES AS POPNHPI	19,450	7,326	10,323	27 000	37,099																	
	Paptal bas w	2.80%	1.03%	1.46%	1 750/	1.75%			0	0	0	0	0	0	0	0	0	0	0	0	0	u	
:	′≤	87	751	804	3	2,432																	
Z	A Rehitedad	0.13%	0.11%	0.11%	0 1100	0.11%			0	0	0	0	0	0	0	0	0	0	0	0	0	3	
С	POPNHOT	4,047	3,663	3,623	11 222	11,333																	
- -	PRODUCTOR OF POPULOT W. PROMINECT M. POPHISP PROPRISE POPULATIVE	0.58%	0.51%	0.51%	0 57 400	0.54%			0	0	0	0	0	0	0	0	0	0	0	0	0	۵	
0	POPHISP	338,305	392,391	280,115	1010011	1,010,811																	
7	Bespected	48.71%	54.96%	39.51%	47 7400	47.74%			0	0	0	0	0	0	1	1	0	_	0	0	0	0	
σ			463,557	451,542		1,344,570																	
_	PP apply bankly	61.83%	64.92%	63.69%	83 500	63.50%			0	0	0	0	u	0	٥	0	0	0	0	0	0	0	

23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	C)	4	3	2	1	
	<10%	%661 %Qt	20% - 29.9%	30% 345%	%6 G6 - %9.96	946 St · %Dt	%6.67 %54	50% 54.9%	966.69 9699	60% - 643%	946 89 - 9659	366.62 402	% B 68 - % 08	%08e			STATETOTAL		200	2002	501	DISTRICT	Α
	****		***	****	****	**** 	****	***	****		****	****	****			:000	***	***	****	3000	****		В
																	1,638,989		546,095	542,134	550,760	VAPTOT	ဂ
																	100.00%		100.00%	100.00%	100.00%	Percentits:	o
																	876,177		279,276	292,544	304,357	POCEMENT VAPWH_A PW	Е
	0	0	0	0	0	0	0	2	_	0	0	0	0	0			53.46%		51.14%	53.96%		100	П
																	34,444		8,209	10,615	15,620	PWH A VAPBL A	G
	3	0	0	0	0	0	0	0	0	0	0	0	0	0			2.10%		1.50%	1.96%	2.84%	3	エ
																	153,063		96,910	28,693	27,460	THE A VAPNA_A	
	2	1	0	0	0	0	0	0	0	0	0	0	0	0			9.34%		17.75%	5.29%		S	ب
																	30,378		8,309	6,031	16,038	HWA A VAPAS A PA	Σ.
	3	0	0	0	0	0	0	0	0	0	0	0	0	0			1.85%		1.52%	1.11%	2.91%	PVAPAS & VAPPI	_
																	1,610		497		615	'>	M
	3	0	0	0	0	0	0	0	0	0	0	0	0	0			0.10%		0.09%	0.09%	0.11%	W leading	z
																	237,491		63,637	93,362	80,492	VAPOT_A	0
	0	3	0	0	0	0	0	0	0	0	0	0	0	0			14.49%		11.65%	17.22%	14.61%	WHIA VAPOT A HVAPOT A VAPXX	P
																	305,826		89,257	110,391	78		Q
	0	2	1	0	0	0	0	0	0	0	0	0	0	0			18.66%		16.34%	20.36%	19.28%	FVAPXX P	æ
																	762,812		266,819	249,590	246,403	PVAPXX PopNonVV PPopNonV	S
	0	0	0	0	0		2	0	0	0	0	0	0	0			46.54%		48.86%	46.04%	44.74%	PPopMonW	Т

32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	1	10	9	8	7	6	5	4	ß	2	_	
										-20% 	10%-19.9%	20% 29.6%	20%-34.9%	39.45 - 34.65 34.65	45.9%	% 64 - % Ct	50%-54.9%	39.00 Sept.	80% - 84.9%	88.00	78.8%	80%-89.9%	÷90%			STATE TOD		963	88	100	DISTRICT	Α
	**	***					**		**	***	*** 		**	**	*** 	***	**		***	***		***		***							**	В
																										1,638,989		546,095	542,134	550,760	VAPTOT	С
																										100.00%		100.00%	100.00%	100.00%	POSSOCION.	D
																										664,062		219,347	212,990	231,725	A HMHNAVA	т
																							0			40.52%		40.17%	39.299	42.079	VAPTO A. WAPNIAS A. SAMMAN A. SAMMAN A. VAPNIAS A. VAPNIAS A. WAPNIAS A. VAPNIAS A. VAPN	F
										0		0	0		2	0	0	0	0	0	0	0	0			30,778		5 7,427	6 9,440	13,91	®VAPNHBL_A	G
																										1.88%		7 1.36%) 1.74	2.53	C TETTING NAME.	I
										ω.	0	0	0	0	0	0	0	0	0	0	0	0	0			% 137,360		% 91,628	% 23,54	% 22,19	V VNHNGVA	_
																										8.38%		8 16.78%	1 4.34	4.03	TNHNAWA	ے
										2	_	0	0	0	0	0	0	0	0	0	0	0	0			% 28,989		% 7,913	% 5,66	% 15,41	W VAPNHAS_A	7
																										9 1.77%		3 1.45%	0 1.04	6 2.80	STHREEMS	_
										ယ	0	0	0	0	0	0	0	0	0	0	0	0	0			% 1,199		36	1% 379)% 45	VAPNHPL A	М
																0	0						-			9 0.07%			9 0.07%	0.08%	W HHNSWA	z
																										7,925			2,451	2,903	VAPNHOT_A	0
										w		0	0		0	0	0	0	0	0	0	0	0			0.48%			0.45%	0.53%	MINE WAPNHOT_A PRINCHES & VAPHISP PRINCHES VAPNHXX PRINCHES POPUNION PRODUKTION	Р
																										726,764			275,435	248,590	VAPHISP	۵
										_	0		0					0		0	0	_	-			44.34%			50.81%	45.14%	BAHADAR	Z
)					41,912			12,238	15,573	VAPNHXX	s
										3	0	0	0	0	0	0	0	0	0	0	0	0	0			2.56%			2.26%	2.83%	XXHRHVXX	Т
																										974,927			329,144	319,035	MHOWING	U
										0	0	0	0		0	0	0	2		0	0	0	0			59.48%		59.83%	60.71%	57.93%	ANGREDO AS	<

NM_Previous2011_Matrix_poli_formatted.xlsx 5-VAPRace_Combo

23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	∞ -	7 6	បា	4	ဒ	2	1	
	*10%	30%-19.9%	20% 25 9%	368 - 348%	35% - 39 9%	40% 45 9%	%8 BF - %GF	50% - 54 9%	386 65 %55	968 - 9488	65% - 69 9%	70% 759%	% BB 7%08	×90%		STATETOTAL		500	202	001	DISTRICT	Α
																						В
																1,638,989		546,095	542,134	550,760	VAPTOT	С
																119.36%		117.00%	120.96%	120.12%	Percent of VAPWH_C	D
																1,172,164		365,331	400,147	406,686	VAPWH_C	Е
	0	0	0	0	0	0	0	0	0	0	_	2	0	0		71.52%		66.90%	73.81%	73.84%	PVAPWH C	П
																46,422		11,663	13,895	20,864	PWH C VAPBL C PW	G
	3	0	0	0	0	0	0	0	0	0	0	0	0	0		2.83%		2.14%	2.56%	3.79%		т
																188,477		109,161	39,389	39,927	FEEL C VAPNA_C F	-
	2	_	0	0	0	0	0	0	0	0	0	0	0	0		11.50%		19.99%	7.27%			J
																41,222		11,459	8,710	21,053	APRIA C VAPAS C PA	K
	3	0	0	0	0	0	0	0	0	0	0	0	0	0		2.52%		2.10%	1.61%		ŧ	
																4,204		1,364	1,269	1,571	VAPPI_C	Ζ
	သ	0	0	0	0	0	0	0	0	0	0	0	0	0		0.26%		0.25%	0.23%	0.29%	App o	z
																503,802		139,977	192,332	171,493	AS C VAPPIC PVAPPE C VAPOTIC PVA	0
	0	0	_	_		0	0	0	0	0	0	0	0	0		30.74%		25.63%	35.48%	31.14%	Č	Р
																466,825		180,764	141,987	144,074	C PopNonW PropNont	Q
	0	0	2	_	0	0	0	0	0	0	0	0	0	0		28.48%		33.10%	26.19%	26.16%	PopNonW	עג

NM_Previous2011_Matrix_poli_formatted.xlsx 5A-VAPNHRace_Combo

23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	œ	7	თ	υ 1	Λ	ω	2	_	
	× (6)	id %	200	20%	S D S	4 0%	4 5%	50%	S 25 25	20%	86 86	700%	80%	× 8			ÿ. ≽		5	200	0g	DISTRICT	П
		9	146 99	ω 44 00	6 10	45.9	48.8	34.9	\$ 60	\$ 9 9	%e 639	76 150 150	899				m Ö					Š	Þ
		*		8	*	8	8	Š	*	8	8	8	8				ž						L
																							В
																	1,638,989	070,000	5/16/00	542,134	550,76	VAPTOT	С
																	9 102.71%			4 102.39%	0 103.0	Appropriate V	D
																	71%	6	7,0%	39%	00%	W VAPN	
																	702,769	200,002	222 252	224,468	245,949	VAPNHWH_C 80	Е
																	4			4	4	2	F
	0	0	0	0	0	ω	0	0	0	0	0	0	0	0			42.88%	0,00	70 YY CV	41.40%	44.66%	AND SOME PARTY AND	L
																	38,615	0,010	9 810	11,538	17,267	VAPNHBL_C	G
																						è	
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			2.36%		1 200%	2.13%	3.14%	A STREET	
																	156,344	00,720	98.4	29,527	28,388	NHBL C VAPNHNA_C P	_
																	14		ŏ	27		22	
	2	_	0	0	0	0	0	0	0	0	0	0	0	0			9.54%	0.420	18 00%	5.45%	5.15%	> 00 WRESHIGH	Ĺ
																	37,072	10,00	10.350	7,526	19,196	VAPNHAS_C	_
																	2	- 2	5	8	ŏ	2	H
																	2.26%		1 90%	1.39%	3.49%	SCHIKES	_
	ယ	0	0	0	0	0	0	0	0	0	0	0	0	0			%	ò	8	%	%	∨APN	
																	3,067	1,000	1 000	912	1,146	APNHPI_C BYAR	^
																	0.19%	9	0 180%	0.17%	0.21	SPREE	z
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			%	ò	×	%	%	₩ VAPI	F
																	18,753	0,010	215	5,690	6,748	NHOT_C	0
																						MATE A	L
	ယ	0	0	0	0	0	0	0	0	0	0	0	0	0			1.14%		1 160%	1.05%	1.23%	40.E	Ū
																	726,764	202,700	202 220	275,435	248,590	APHISP 8	۵
	٥	٦	٥		١					ر			٥	٥			44.34%	07.107	37 130%	50.81%	45.14%	GSH-ERA	æ
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NM_Previous2011_Matrix_poli_formatted.xlsx 6-VAPRace_OMB

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																82.37%	3	84.85%	80.69%	82.14%	Servential	D
																8/6,1//		279,276	292,544	304,357	VAPWH_A	Е
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	2		0	0	0	0	0	0	0	0	0	0	0	0		9.71%		18.15%	5.59%	5.39%	A Whidthe	٢
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																	664,062		219,347	212,990	231,725	VAPNHWH_A	Е
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																	30,273		8,339	5,992	15,942	VAPNHAS W 8	⊼
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NM_Previous2011_Matrix_poli_formatted.xlsx Statewide Races

Statewide	w	N	2	DISTRICT		Statewide	3	N	ш	DISTRICT			Statewide	3	N		DISTRICT			Statewide	w	N	je÷	DISTRICT			Statewide	to .	u	•	DISTRICT			Statewide	w	N	Seri	DISTRICT	
2,897,722	1 111 060	699,633	1,087,029	SupDems :	Suprem	370,046	144,894	81,829	143,323	Emontoya			384,477	147,852	82,599	154,026	Oliver			370,146	145,467	80,120		Grisham			501,599	187,666	116.501		Biden I			13,506,401	5,140,425	3,247,006	5,118,970	Den	
54.08%	%8 8.8 %8 8.8	44.99%	56.93%	SupDems SupDems % SupReps	Supreme Court (All Elections except 2014)	53.15%	57.45%	41.68%	57.86%	EMontoya %	2022 (not in index)		56.11%	59.80%	43.02%	62.63%	Oliver %	2022 (not		53.27%	57.87%	41.35%	57.89%	Grisham %	2022 (not in index)		55.52%	58.93%	43.96%	61.70%	Biden %	2020		54.13%	58.25%	44.75%	57.70%	Jen W	State Comp
2,460,924	782 892	855,572	160		ections excep	326,201	107,334	114,504	104,363	Hmontoya H			300,732	99,404	109,414	91,914	₩	×		324,665	105,883	113,624	105,158	Ronchetti R	in index)	-	401,883	130,782	148.536	122.565	Tump T	ö		11,445,540	3,684,771	4,008,592	3,752,177	χ ep τ	e Composite Score
45.92%	A1 3.4%	55.01%	%	%	it 2014)	46.85%	42.55%	58.32%	42.14%	HMontoya % E			43.89%	40.20%	56.98%	37.37%				46.73%	42.13%	58.65%	8	Ronchetti %			44.48%	41.07%	56.04%	30%	mp % dmu			45.87%	41.75%	55.25%	42.30%	ep % cps	
4,634,645	1 761 028	1,117,983	1,755,634	CoADems CoADems %	Cot	394,737	147,489	93,281	153,967	Eichenberg E			399,111	149,222	93,802	156,087	Oliver C			398,378	150,875	93,972	153,531	Grisham Grisham %		_	385,236	144,617	93.366	147.253	Olinton C			7,532,367	2,872,088	1,817,616	2,842,663	Selfin .	
54.06%	58 11%	44.80%		oADems %	Court of Appeals (All Elections	57.92%	61.32%	47.32%	63.14%	Exchenberg %	2018	Treasurer	60.80%	64.49%	49.88%	65.87%	llver %	2018 (not in index)	Secretary of State	57.20%	61.40%	46.78%	61.45%	disham %	2018	Governor	54.65%	58.56%	44 34%	59.52%	lintan %	2016	President	54.07%	58.32%	44.87%	57.36%	e	ludicial Comp
3,938,018	1 269 38/	1,377,551	3	CoAReps C	(All Elections	286,758	93,028	103,850	89,880	Castillo C	œ	rer	257,309	82,160	94,260	80,889			if State	298,051	94,833	106,922	96,296	Pearce P	60	or	319,667	102,328	117.204	. 135	dund	a	ant	6,398,942	2,052,276	2,233,123	2,113,543	Rep X	al Composite Score
45.94%	A1 89%	55.20%	42.38%	CoAReps %	9)	42.08%	38.68%	52.68%	36.86%	Castillo % E			39.20%	35.51%	50.12%	34.13%	300	8 MM 8 MM		42.80%	38.60%	53.22%	55%	Pearce %		-	45.35%	41.44%	55.66%	48%	Frump % C			45.93%	41.68%	55.13%	42.64%	ep %	
						261,212	100,742	62,719	97,751	ichenberg Eichenberg % Lopez			433,227	159,531	103,676	170,020				219,375	87,775	51,448	80,152	Cing K			415,356	155,969	103,470	155.917	Dama Obama % Romney Romney %								
						52.46%	56.18%	43.77%	55.75%	chenberg %	2014		56.41%	59.42%	46.04%	61.99%	Oliver 1/6	ŝ		42.78%	47.54%	34.61%	44.6	King %	2014		55.29%	59.79%	46.47%	58.25%	oama %	2012							
						236,715	78,564	80,575	ι σi	****			 334,733	108,970	121,491	104,272	Espinoza Espinoza %			293,466	96,878	97,182	99,406	Martinez Martinez %			335,829	104,876	119.198	111.755	Romney R								
						47.54%	43.82%	56.23%	44.25%	Lopez %			43.59%	40.58%	53.96%	38.01%	spinoza %			57.22%	52.46%	65.39%	55.36%	artinez %			44.71%	40.21%	53.53%	41.75%	omney %								

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				50.07%	250,016	49.93%	249,347	45.77%	297,379	54.23%	352,335	45.02%	310,815	54.98%	379,566
				44.51%	79,920	55.49%	99,638	41.78%	95,856	58.22%	133,568	40.48%	101,560	59.52%	149,347
				59.44%	85.873	40.56%	58.596	55.20%	103.313	44.80%	83.851	57.02%	109.789	42.98%	82.765
				48.04%	**************************************	51 96%	91 113	42 13% 42 13%	19413 98 210	<u>ر</u>	134 916 57 8	40 78%	166	147 454 59 72% 90	147 454
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					4.4	201			Land Commissoner	Land Comm			in indov)	2022 (not in indev)	
													_		
45.75%	228,038	54.25%	270,392	42.44%	291,714	57.56%	395,708	38.06%	245,696	61.94%	399,774	51.64%	262,138	48.36%	245,521
42.16%	75,668	57.84%	103,804	38.73%	93,900	61.27%	148,531	34.19%	80,923	65.81%	155,745	48.39%	88,239	51.61%	94,108
55.13%	79,225	44.87%	64,477	51.91%	102,965	48.09%	95,397	49.15%	88,114	50.85%	91,169	62.16%	90,902	37.84%	55,326
41.74%	73,145	58.26%	102,111	38.46%	94,849	61.54%	151,780	33.40%	76,659		152,860	.35%	997	53.65%	87
wagon %	\ragon A	eller % 4	∕eller ×	Johnson Johnson % Keller Keller % Aragon Aragon %	Jahnson .	Calon Calon % .	Colon (Sanchez %	Sanchez S	Maestas % S	Maestas N	Duran %	. Duran E	Ollver 36 D	Oliver O
	4	2014			8	2018			2022 (not in index)	2022 (not			2014	20	
	_		_			Auditor	_	_		_	_		of State	Secretary of State	_
				41./5%	211,309	38.21%	010,067	22.11%	975,167	64.65%	427,550	44.65%	313,333	33.31%	240,542
				36.//%	66,988	63.23%	115,197	31./6%	73,918	68.24%	158,816	40.56%	103,076	59.44%	151,063
				51.63%	75,407	48.37%	70,645	45.93%	86,938	54.07%	102,332	56.55%	111,788	43.45%	85,906
				38.70%	14		_~		-	-		39.54%	35	%	73
				Riedel %	Riedel F	Balderas %	Balderas E	Hendricks % E		Balderas % +	Balderas E	Gay %		O % Zano	I zauol
					14	201			2018 (not in index)	2018 (not			in index)	2022 (not in index)	
							-		Attorney General	Attorney			-		
47.03%	351,316	52.97%	395,722	44.44%	229,106	55.56%	286,417	36.08%	212,777	63.92%	377,003	46.87%	418,480	53.13%	474,462
23.55% 23.93%	116,311	46.45% 56.07%	145 113	38 69%	71 929	46.98%	113 977	46.86% 31 93%	085 99 185,08	53.14% 68.07%	91,393 141 483	56.88% 43.08%	136 024	43.12%	179 737
44.76%	121,293		149,722	43.31%	78,460	56.69%	102,695	31.35%		68.65%	144,127	42.43%	134,658	57.57%	182,692
Wilson %	Wison V	Heimich Heimich % Wilson	Heirrich H	Weh %	vven v	Udall % V	Udall (Rich %	Rich F	Heinrich % F	Heinrich F	Ronchetti Ronchetti %	onchetti F	Lujan % R	
	2	2012				8			2018 (not in index)	2018 (not			2020		
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Montbya Montbya Cannora Cantest 2	44.49%	328,760	55.51%	410,187	45.19%	338,103	54.81%	410,023	Statewide
Contest 2 Contest 3	40.36%	103,139	59.64%		40.18%	103,769	59.82%	154,466	w
Contest 2 Contest 2	51.07%	111,733	48.93%	107,045	51.28%	113,319	48.72%	107,650	N
Contest 2 Contest 2	43.04%	113,888	56.96%	150,728	45.00%	121,015	55.00%	147,907	1
Contest 2 Contest 2	tanisee %		Zamora %	Zamora	Kennedy %			Vigit12 Vigit12%	DISTRICT
Contest 2 Contest 2		št 1	Contes				Coni		
Contest 2 Contest 2		eals (2012)	Court of Appe	_		ourt (2012)	Supreme C		
Contest 2 Contest 2					50.90%	246,861	49.10%	238,131	Statewide
Contest 2 Morris Morris Morris					45.76%	79,898	54.24%	94,686	w
Contest 2 Contest 2					58.15%	81,762	41.85%	58,849	N
Contest 2 Contest 2					50.18%	85,201	49.82%	84,596	1
Micritaya % Zemoria Zemoria % Micrits Micrits 5 42.46% 145,124 58.70% Micrits Micrit 5 42.99% 147,526 58.79% 113,410 6 47.27% 375,785 54.15% 318,184 Supreme Court (2020) Contest 2 Fuller 39.30% 184,548 58.85% 129,055 5 54.92% 114,024 43.73% 146,708 4 4 40.56% 181,907 58.13% 131,036 4 4 40.56% 181,907 58.13% 131,036 5 54.15% 480,479 54.15% 406,799 Contest 1 Contest 3 33,994 44,95,98% 144,577 53,89% 123,994 44,95,98% 144,577 53,89% 123,994 55,20% 395,227 52,48% 357,837					Hanisee %		Kiernan %	Kieman	DISTRICT
Micritaya % Zemora Zemora % Micrits Micritaya % Zemora % Micrits Micrits 12,694 142,64% 142,69% 147,526 58.79% 103,410 0 47.27% 375,785 54.15% 318,184 Supreme Court (2020) Contest 2 Fullier 39,30% 184,548 58.85% 129,055 54.92% 114,024 43.73% 146,708 184,947 58.15% 40.56% 181,907 58.13% 146,708 3 44.32% 480,479 54.15% 406,799 Clingman % Bogardus Bogardus % French 57,44% 103,439 139,876 58.52% 99,133 20,67% 370,314 54.58% 308,146 Nakarmura % Vargas 55.81% 123,994 45.98% 144,577 53.83% French Frer 54,76% 144,577 53.83% French 57,837 143,975 55.81% 112,129 46.00% 119,868 148,521 55.81% 113,975 52.48% 357,837						est 1	Con		
Contest 2 Contest 2						peals (2014)	Court of Ap		
Contest 2 Contest 2	47.52%	357,837	52.48%	395,227	52.00%	396,303	48.00%	365,790	Statewide
Contest 2 Contest 2	43.42%	113,975	56.58%	148,521	45.98%	122,284	54.02%	143,668	3
Contest 2 Contest 2	54.00%	119,868	46.00%	102,129	55.81%	124,805	44.19%	98,829	N
Contest 2 Contest 2	46.17%	23,994	53.83%	144,577		4	45.24%	123,293	1
Contest 2 Contest 2 Contest 2 Contest 2	renon %		Vargas %	Vargas			Vigit %	Vigit	DISTRICT
Contest 2 Contest 3 Contest 2 Contest 4 Contest 3 Contest 4 Contest 6 Cont		st1	Contes			est1	Coni		
Contest 2 Contest 3 Contest 3 Contest 3 Contest 4 Contest 3 Contest 3 Contest 4 Contest 3 Contest 3 Contest 3 Contest 4 Contest 3 Cont		eals (2016)	Court of Appe			ourt (2016)	Supreme C		
Contest 2 Contest 2 Contest 2 Contest 2 Contest 2	45.42%	308,146	54.58%	370,314	40.83%	278,502	59.17%	403,573	Statewide
Contest 2 Contest 3 Contest 2 Contest 3 Contest 3 Contest 4 Contest 3 Contest 4 Contest 4 Contest 4 Contest 3 Contest 4 Contest 6 Contest 7 Contest 6 Contest 7 Cont	41.48%	99,133	58.52%	139,876	36.16%	86,917	63.84%	153,475	3
Contest 2 Contest 3 Contest 3 Contest 3 Contest 4 Contest 3 Contest 4 Contest 6 Contest 7 Cont	53.75%	105,574	46.25%	90,842	50.67%	99,932	49.33%	97,303	N
Contest 2 Wa Montoya % Zamora % Morris Morris 105,415 42.64% 145,124 58.70% 102,094 114,943 58.61% 147,526 58.79% 103,410 328,450 47.27% 375,785 54.15% 318,184 Supreme Court (2020) Fuller Buller Supreme Court (2020) Fuller Hommson Hommson Morris Morris 124,014 39.30% 184,548 58.85% 129,055 143,185 54.92% 114,024 43.73% 146,708 127,384 40.56% 181,907 58.13% 131,036 394,583 44.32% 480,479 54.15% 406,799 Contest 1 Contest 1 Contest 1 Contest 1 Contest 1 Contest 1	42.56%	3,439	57.44%	139,596	37.49%	553	62.51%	152,795	1
Contest 2 Wa Montoya % Zamora Zamora % Morris Morris 105,415 42.64% 145,124 58.70% 102,094 114,943 58.61% 83,135 42.46% 112,680 108,092 42.99% 147,526 58.79% 103,410 328,450 47.27% 375,785 54.15% 318,184 Supreme Court (2020) Contest 2 Fuller Homson Homson Morris 124,014 39.30% 184,548 58.85% Morris 124,014 40.56% 181,907 58.13% 131,036 394,583 44.32% 480,479 54.15% 406,799 Contest 1 Contest 1 Contest 1	rench %		Bogardus %	Bogardus I	Singman %		Vigil18% (¥igil18	DISTRICT
Contest 2 Cont		šť 1	Contes			est 1	Con		
Contest 2 Cont		eals (2018)	Court of Appe			ourt (2018)	Supreme C		
Contest 2 Cont	45.85%	406,799	54.15%	480,479	44.32%	394,583	55.68%	495,748	Statewide
Contest 2 Contest 3 Contest 2 Contest 3 Cont	41.87%	131,036	58.13%	181,907	40.56%	127,384	59.44%	186,655	3
Contest 2 Cont	56.27%	146,708	43.73%	114,024	54.92%	143,185	45.08%	117,513	2
Contest 2 Contest 2 Contest 2 Contest 2 Contest 2 Contest 2 Contest 2 Contest 2 Contest 2 Contest 2 Co	41.15%	29,055	58.85%	184,548	39.30%	124,014	60.70%	191,580	1
Montbya % Zamora Zamora % Morris Man ,415 42.64% 145,124 58.70% 102,094 ,943 58.61% 83,135 42.46% 112,680 ,092 42.99% 147,526 58.79% 103,410 ,450 47.27% 375,785 54.15% 318,184 Supreme Court (2020)	forms %		Contest	Thomson			Bacon %	Bacon	DISTRICT
Montbys % Zamora Zamora % Morris Mon ,415 42.64% 145,124 58.70% 102,094 ,943 58.61% 83,135 42,46% 112,680 ,092 42.99% 147,526 58.79% 103,410 ,095 47.27% 375,785 54,15% 318,184		_	_	ourt (2020)	Supreme C	_	_		
Contest 2 Wortbys % Zemors Zemors % Morns Mon 42.64% 145,124 58.70% 102,094 42.64% 83,135 42.46% 112,680 58.79% 147,526 58.79% 103,410 460 47.77% 375.766 54.15% 318.180	40.00/6	310,104	0/.1.+0	3/3,/63	0/17:14	320,430	32.73/0	300,324	Arate William
Contest 2 Contest 2 Montoya % Zamora	41.21%	103,410	58./9%	147,526 375 795	42.99%	328 VEU	57.U1%	143,363	Statutists G
Contest 2 Contest 2 Contest 2 Contest 2 Contest 2	57.54%	112,680	42.46%	83,135	58.61%	114,943	41.39%	81,179) N
Montoya % Zamora % Noms	41.30%	102,094	58.70%	145,124	42.64%	105,415	57.36%	141,782	1
Contest 2	Morris %		Zamora %	Zamora			Vargas % I	Vargas	DISTRICT
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Supreme Court (2022)				ourt (2022)	Supreme C				

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										391,429	149,068	95,879	edima 146,482			707,012	164 013	109,473	180,999	wes.			349,521	138,158	76,971	134,392	aca		
										57.81%	62.42%	48.90%	Medina Medina % Bohnhoff 146,482 60,47% 95,7	Cor		0/.17/0	55.64%	42.10%	58.01%	lves %	Ç		53.28%	58.13%	41.40%	57.82%	Васа %	Cor	
										285,681	89,732		Bohnhoff 95,763	Contest 2		710,027	138,364	150,537	131,026	lves% Johnson	Contest 1		306,491	99,504	108,961	98,026	Johnson	Contest 1	
													Bohnhoff% 39.53%		_	7,12:44			0,5	*****		_	46.72%		58.60%	5 42.18%	Jahnson %		Court of A
													Zamora % 147,843		-	70,047			% 172,970	Henderson		_	% 350,169	% 137,306		% 135,254	Kesky		Court of Appeals (2022)
										1 57.79%			Bohnhoff % Zamora Zamora Kehne 39.53% 147,843 61.12% 94	Cor	Court of A	JT:00/0			ວ 59.62%	Johnson % Henderson Henderson % Lee	CQI	Court of A	9 54.11%	58.74%	9 42.45%	4 58.64%	ee] % karW fea/M % uosuutor uosuutor % Baca		2)
													Klehme 94,036	Contest 3	Court of Appeals (2018)	3,0,110			117,128	e Lee	Contest 2	Court of Appeals (2020)	.% 297,028	96,430	3% 105,196	95,40		Contest 2	
_													Kiehne % 38.88%		_	0 +5.11			8 40.38%	Lee %		_	8 45.89%	30 41.26%	57.55%)2 41.36%	Lee %		
												89,479	Duffy 140,087		_	10,000				Yohalem Yohalem		_							
												45.71%	Duffy % 58.22%	Con	-))))			57.31%	Yohalem %	Con								
												106,287	Duffy % Gallegos 140,087 58.22% 100,515	Contest 4		727,170			132,665	% Montoya	ontest 3								
										45.50%			Gallegos % 41.78%		-	10.10%			42.69%	Montoya %									

NM_Previous2011_Matrix_poli_formatted.xlsx General Stats

Turnout % 13 63.52% 12 60.74% 11 63.47%	272,201	13.3%	,	1000	===,:	32.4%	224,/45	c
Turr		10 50	83.732	28.1%	120,415	E2 /0/)	æ
Turr	231,132	20.9%	79,360	35.6%	135,642	43.5%	165,527	2
Turnout %	283,223	22.4%	100,004	31.4%	139,933	46.2%	205,968	μ
	Turnout	% Other	Registered Other	% GOP	Registered GOP	% Dem	Registered Dems	DISTRICT
			General Election Turnout (2012)	Election	General			
3 40.34%	519,453	22.2%	285,778	31.2%	401,325	46.6%	600,541	Statewide
	188,195	20.6%	90,858	27.8%	122,196	51.6%	227,055	3
38.36%	150,459	22.2%	87,106	35.4%	138,989	42.4%	166,134	2
	180,799	23.7%	107,814	30.8%	140,140	45.5%	207,352	,
Turnout %	Turnout	% Other	Registered Other	% GOP	Registered GOP	% Dem	Registered Dems	DISTRICT
			Turnout (2014)	General Election	General			
3 62.36%	804,073	22.5%	289,662	31.0%	399,911	46.5%	599,809	Statewide
64.12%	280,968	20.8%	91,001	27.9%	122,165	51.4%	225,015	အ
4 61.29%	235,844	22.8%	87,570	36.1%	138,785	41.2%	158,425	2
61.59%	287,261	23.8%	111,091	29.8%	138,961	46.4%	216,369	1
Turnout %	Turnout	% Other	Registered Other	% GOP	Registered GOP	% Dem	Registered Dems	DISTRICT
33.02%	701,634	23.6%	300,276	30.4%	382,329	45.8%	3/8,322	Statewice
	247,617 701 65 7	22.1%	97,212	2/.3%	120,201	50.6%	222,608	C* 3
	202,494	24.1%	92,986	35.9%	138,844	40.0%	154,587	2
13 57.81%	251,543	25.3%	110,078	28.5%	123,884	46.2%	201,127	1
Turnout %	Turnout	% Other	Registered Other	% GOP	Registered GOP	% Dem	Registered Dems	DISTRICT
			Turnout (2018)	General Election	General			
68.75%	928,234	23.5%	317,165	31.3%	422,561	45.2%	610,516	Statewide
69.49%	326,996	22.1%	103,778	28.2%	132,512	49.8%	234,256	3
65.16%	271,752	23.9%	99,672	37.9%	157,924	38.2%	159,426	2
	329,486	24.6%	113,715	28.6%	132,125	46.9%	216,834	1
Turnout %	Turnout	% Other	Registered Other	% GOP	Registered GOP	% Dem	Registered Dems	DISTRICT
			Turnout (2020)	General Election	General			
52.48%	714,754	24.6%	335,679	31.1%	423,911	44.2%	602,431	Statewide
)9 54.27%	258,609	23.3%	110,923	28.1%	133,952	48.6%	231,636	3
47.51%	200,730	25.3%	106,982	37.8%	159,890	36.8%	155,602	2
.5 55.16%	255,415	25.4%	117,774	28.1%	130,069	46.5%	215,193	
Turnout %	Turnout	% Other	Registered Other	% GOP	Registered GOP	% Dem	Registered Dems	DISTRICT

Autobound EDGE - Compactness Report

Plan Name: Congress: NM_Congress_2011

Eor more information on compactness calculations Click Here



	District Area	Perimeter	Area of Circle with	Perimeter of Circle	Compactness
District	(SQM)	(Miles)	Same Perimeter	with Same Area	Value
	4,607	467	17,334	241	0.27
	71,903	1,497	178,265	951	0.40
	45,082	1,220	118,465	753	0.38

Most Compact: 0.4 For District: 2 Least Compact: 0.27 For District: 1

	District Area	Perimeter	Area of Circle with	Perimeter of Circle	Compactness
District	(SQM)	(Miles)	Same Perimeter	with Same Area	Value
	4,607	467	17,334	241	0.52
	71,903	1,497	178,265	951	0.64
ţ	45,082	1,220	118,465	753	0.62

Most Compact: 0.64 For District: 2 Least Compact: 0.52 For District: 1

Compactr	iess measure: R	eock Score			
	District Area	Perimeter	Area of Circle with	Perimeter of Circle	Compactness
District	(SQM)	(Miles)	Same Perimeter	with Same Area	Value
1	4,607	467	17,334	241	0.37
2	71,903	1,497	178,265	951	0.55
3	45,082	1,220	118,465	753	0.37

Most Compact: 0.55 For District: 2 Least Compact: 0.37 For District: 1

	District Area	Perimeter	Area of Circle with	Perimeter of Circle	Compactness
District	(SQM)	(Miles)	Same Perimeter	with Same Area	Value
	4,607	467	17,334	241	1.59
	71,903	1,497	178,265	951	1.50
ı	45,082	1,220	118,465	753	2.07

Most Compact: 2.07 For District: 3 Least Compact: 1.5 For District: 2

Compactr	ness measure: C	onvex Hull Perimeter	Area of Circle with	Perimeter of Circle	Compactness
District	(SQM)	(Miles)	Same Perimeter	with Same Area	Value
1	4,607	467	17,334	241	0.71
2	71,903	1,497	178,265	951	0.85
3	45,082	1,220	118,465	753	0.79

Most Compact: 0.85 For District: 2 Least Compact: 0.71 For District: 1

Report Date: 8/23/2023 12:17:27 PM

New Mexico - District Map of Congressional Legislature Passed Plan (SB1) Colfax Taos Union San Juan Rio Arriba Mora 3 Harding Los Alamos McKinley Sandoval Santa Fe San Miguel Quay Bernalllo Obola Guadalupe Valencia Torrance Curry 1 De Baca Coppe Roosevelt Socomo Catron Lincoln Chaves Siema 2 Lea Grant Otero Eddy Dona Ana Luna Bernalillo County Inset Hidalgo Sandoval San Santa Fe Miguel SB₁ Obola Bernallio 1 2 District Torrance Valencia - 3 Election win, NGA, USGS, NPS Data Services **]** Counties

Acceptable Deviation Vindow
Guide Pop = VAP = VAP = NA, or AI= AS= NH= XX= P= XX= P= A=C=W=
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New Mexico Districts with 2020 Census Data

NM_PassedSB1_Matrix_poli_formatted.xlsx
Deviations

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		Lowest	Highest	Total Dev		STATE TOT		03	02	01	DISTRICT	А
						2,117,522		705,844	705,846	705,832	TAPERSONS	В
								705,841	705,841			С
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								705,844	705,846		70	F
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NM_PassedSB1_Matrix_poli_formatted.xlsx Overview

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	322	\$22 	5 844 4	5,846	5,832		-
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			¥	29.	A.S		
			34.55%	43%	% %		Racia
			1.24%	1.78%	2.42%		Racial Demo
				("			graphics as Percent of Total Population
			7.57%	5.00%	A 15%		cs as Pe
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			0 0)7%	2.76%	\sian	of Tota
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			Ģ.	70.	40.89% 54.47%	NH Asian Hispanic Minorit	lation
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			38.44%	33.25%	49.399		Ra
					*****		cial De
			130%	1.88%	2.43%		i Demograp
			155.4	4.89	3.92%		phics a
					****		s Perce
			1.23%	1.17%	N 888	VH Asian	nt of Yo
			39.70%	56.14%	2.85% 37.62% 50.61%	Hispanic	phics as Percent of Voting Population
			61.56%	66.75%	50.61%	Minority	Hion
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NM_PassedSB1_Matrix_poli_formatted.xlsx 1-PopRaceAlone

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																	2,117,522		705,844	705,846	705,832	POPTOT POP	c
																	100.00%		100.00%	100.00%	100.00%	Percentor F	_
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	_																1,038,585		373,751	371,070	293,764	Popilioni	ď
																	49.05%		52.959	52.57%	41.62%	Munndadd	_

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																	772,952		243,846	207,762	321,3	PROBABILITY POPULATION	Е
H																	952		846	762	344	2	Н
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NM_PassedSB1_Matrix_poli_formatted.xlsx 2-PopRace_Combo

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	<10%	30% - 19.9%	20% 25 9%	30% - 34.6%	35% - 39 9%	40% 45.5%	45% - 48 B%	50% - 54 9%	55% · 59 9%	50% - 54 9%	65% - 69 9%	70% 75.9%	80% - 69 B%	× 90%			STATETOTAL		003	302	801	DISTRICT	А
			****		····																		В
																	2,117,522		705,844	705,846	705,832	POPTOT	С
																	120.82%		118.02%	124.23%	120.20%	Percentful	D
																	1,485,973		449,878	494,905	541,190	POPWH_C	Е
)										70.18%		63.74%	70.12%	76.67%	PPOPMH C	F
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																	263,615			58,605	56,141	POPNA_C	_
	2	0	_	0	0	0	0	0	0	0	0	0	0	0			12.45%		21.09%	8.30%	7.95%	POPMH_C PROPMH_C PROPMH_C POPBL_C PROMBL_C POPNA_C PROMING POPAS_C	٢
																	55,997		12,664	13,380	29,953	OPAS_C	7
	S	0	0	0	0	0	0	0	0	0	0	0	0	0			2.64%		1.79%	1.90%		ppopas c	Г
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	0	0	2	0	0		0	0	0	0	0	0	0	0			32.03%		28.92%	40.43%		· •	ס
																	631,549		255,966	210,941	164,642	pOT C PopNonYV PP	Q
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NM_PassedSB1_Matrix_poli_formatted.xlsx 2A-PopNHRace_Combo

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≆ o	344,728	222,355	260,771		827,854																	
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ă																						
3	48.84%	31.50%	36.94%		39.10%																	
₿.	84%	%0%	94%		0%			0	0	0	0	0	0	0	_	0	_	_	0	0	0	
롉																						
튊	22	16	1		2																	
PERMINENTE POPNHWH C PRESENTANT C POPNHBL C PR	22,948	16,364	12,253	L	51,565			L	L		L	L		L	Ц			L	L	L	L	
3																						
SON HOLD C POPNIHNA C PROMININA C POPNIHAS C PROMININAS C PO															Ш							
	3.25%	2.32%	1.74%		2.44%					_			0			٥						
항	0	0	0,		0			0	0	0	0	0	_			Ť			_	_	ω	
욁			_		2																	
۶	39,323	42,124	133,238		214,685																	
솱	ü	4	č		či.	Н								-	Н							
€																						
	5.5	5.5	18.8		10.14%																	
₫,	5.57%	5.97%	18.88%		4%			0	0	0	0	0	0	0	0	0	0	0	0	_	2	
힑																						
됤	26	10	1		48																	
္ပါ	26,165	10,853	11,231		48,249										Ш							
2																						
8	3.71%	1.54%	1.59%		2.28%			0	0	0	0	0	0	0	0	0	0	0	0	0	ω	
ğ						П			Ť			Ť	Ť	Ť	Ĭ	Ť	Ť				-	
Ĭ																						
ត់	1,714	1,300	1,045		4,059																	
ş																						
왍	_	_	_		_																	
8	0.24%	0.18%	0.15%		0.19%			٥	0	0	0				0						u	
ह्य	,	,	٠,٠		,					_	Ĭ	Ĭ		Ť	Ĭ	Ť				Ĭ		
푉															Ш							
訓	9,504	6,867	7,676		24,047										Ш							
ij	-	7	37			П								Г	H	П						
ş															Ш							
ğ	1.35	0.97%	1.09%		1.1										Ш							
뽥	.35%	%	1%		.14%	Н		0	0	0	0	0	0	0	0	0	0	0	0	0	ω	
윏	288	423	299		1,010,811										Ш							
웬	288,643	423,032	299,136		81									L	Ц							
ğ	4	C.	4		4																	
	40.89%	59.93%	42.38%		47.74%			_	ارا	_	_	_		ا ا	إرا			_	_	_	_	
şŀ	8				_	Н		0	0	0	0	0	_	0	0	2	0	0	0	0	0	
ş	361,104	483,491	445,073		,289,668																	
χı	104	191)73		368	Ц								L	Ц	Ц						
Ž				ř.										ı								
NHPLC PRESIDENCE POPNHOT C PROGRESSION C POPHISP PROGRESS POONORW PERIENDON	51.16%	68.50%	63.06%		60.90%																	

NM_PassedSB1_Matrix_poli_formatted.xlsx 3-PopRace_OMB

23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	∞	7	മ	σ	4	ω	2	1	
	~10% 	10%-166%	20% 29.9%	30% - 349%	35% 39 9%	40% - 45 9%	45% 49.9%	50% - 54 9%	100 00 00 00 00 00 00 00 00 00 00 00 00	50% S45%	55% - 69 9%	70% 79.5%	80% - 89 9% ME GB - 980B	> 50%			STATETOTAL		603	G02	001	DISTRICT	Α
																							В
																	2,117,522		705,844	705,846	705,832	POPTOT	c
																	81.53%		83.99%	78.05%	82.54%	Percentia F	D
																	1,078,937		332,093	334,776	412,068	¥ YTHMdO	т
	0	0	0	0	0	0	2	0	1	0	0	0	0	0			50.95%		47.05%	47.43%	58.38%	POPTOT PERMISSE A_HWYDON ASSESSED TOTOOR	F
																	52,604		12,103	17,672	22,829	POPBL_W	G
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			2.48%		1.71%		3.23%	AA TBGOde	Ŧ
																	221,438		135,356	46,336	39,746	AN BONDO A 1860	_
	2	1	0	0	0	0	0	0	0	0	0	0	0	0			10.46%		19.18%	6.56%			د
																	40,821		9,398	9,396	22,027	HANA W POPAS_W PP	~
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			1.93%		1.33%	1.33%			
																	3,641		903	1,260	1,478	M_IddOd	×
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			0.17%		0.13%	0.18%	0.21%	i Afildeber	z
																	328,890		103,006	141,466	84,418	* W_TOPOC	0
	0	2	_	0	0	0	0	0	0	0	0	0	0	0			15.53%		14.59%	20.04%	11.96%	mas w Poppi w Paqpel w Popol w Pappol w Popolic w Pappware	ס
																	1,038,585		373,751	371,070	293,764	FopNonW 1	۵
	0	0	0	0	0		0	2	0	0	0	0	0	0			49.05%		52.95%	52.57%	41.62%	#thol#dods	Z)

Γ	_	2	ω	4	Ç1	თ	7	œ	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
7	DISTRICT	DG\$	00.2	003		\$3/4TE30			×90%	86.68 - 96.0B	20% 39.9	86%-898	50% - 54.9	8.69-9695	50% 54.9	\$5% - 48.8	40% -459	35% 34.8	30%	S186-3818	10% 199	×189	
_ -						2				8 *	*	*	*	*	*	*		*		*			
	POPTOT	705,83	705,846	705,84		2,117,522																	
_	Percention	32 96.99%	16 98.149	14 97.829		22 97.65%																	
_	* POPNHWH	6 321	6 207	6 243																			
L	A See A	344	,762	,846		772,952																	
_	AND PARENT	45.53%	29.43%	34.55%		36.50%			0	0	0	0	0	0	0	1	0	0	_	_	0	0	
G	OPNHBL W	96.99% 321,344 45.53% 18,486 2.62%	13,423	9,668		41,577																	
_	BHMGSSG	2	3	1		_																	
	POP	.62%	.90%	.37%		.96%			0	0	0	0	0	0	0	0	0	0	0	0	0	ω	
_	NHNA W	30,527	36,002	125,011		191,540																	
ر	PORNERIA V	4.32	5.10%	17.71%		9.05%																	
7	POPNHAS	30,527 4.32% 20,332 2.88%	%						0	0	0	0	0	0	0	0	0	0	0	0		2	
	W PPapey	.332	8,137	8,630		37,099																	
_	tes we P	2.88%	1.15%	1.22%		1.75%			0	0	0	0	0	0	0	0	0	0	0	0	0	3	
IVI	OPNHPI_W	979	819	634		2,432																	
	Sathlidada																						
_	POPNH	14%	0.12%	0.09%		0.11%			0	0	0	0	0	0	0	0	0	0	0	0	0	u	
	OT W TO	4,292	3,507	3,534		11,333																	
_	PAHOT M	0.61%	0.50%	0.50%		0.54%			0	0	0	0	0	0	0	0	0	0	0	0	0	3	
	POPHISP &	288,643	423,032	299,136		1,010,811																	
7	Hopfies P	0.14% 4,292 0.61% 288,643 40.89%	59.93%	42.38%		47.74%			0	0	0	0	0		0	0	2	0	0	0	0	0	
o	privarier			461,998		1,344,570																	
_	PPaptoney		70.57%	65.45%		63.50%			_	_								_			_	_	

NM_PassedSB1_Matrix_poli_formatted.xlsx 4-VAPRaceAlone

23	22	21	20	19	18	17	16	15 数	14	3	12	3	10	9	œ	76	O1	4	ω	2	_	
	<109g	%681 %01	249% - 249%	30% 345%	35% - 38 9% - 38 9%	8	Š	8	966.69 - 9699	8	946 BS - 96BS	%G 62 - %G2	0%	¥90#		97 A 17 C		003	002	001	DISTRICT	Δ
																						α
																1,638,989		540,598	534,358	564,033	VAPTOT	
																100.00%		100.00%	100.00%	100.00%	Percentits:	C
																8/6,1//		268,887	264,493	342,797	POWERTON VAPWH_A PUR	п
	0	0	0	0	0	0	2	0	0	_	0	0	0	0		53.46%		49.74%	49.50%	60.78%	PUMPWH A	Т
																34,444		7,763	11,436	15,245	PWH A VAPBLA	G
	ω	٥	0	0	0	0	0	0	0	0	0	0	0	0		2.10%		1.44%	2.14%		77.4	ı
																153,063		94,170	31,841	27,052	学程に 本 VAPNA_A 世	
	2	_	0	0	0	0	0	0	0	0	0	0	0	0		9.34%		17.42%	5.96%	4.80%	APNA A	۰
																30,378		6,951	6,731	16,696	VAPAS_A	>
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0		1.85%		1.29%	1.26%	2.96%	PVAPAS A	_
																1,610		350	535		VAPPI_A	4
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0		0.10%		0.06%	0.10%	0.13%	V ladyna	Z
																237,491		73,924	100,520	63,047	VAPOT_A	C
	0	з	0	0	0	0	0	0	0	0	0	0	0	0		14.49%		13.67%	18.81%	11.18%	APPLA VAPOTA PVAPOTA VAPXX	7
																305,826		88,553	118,802	1		ı
	0	2	_	0	0	0	0	0	0	0	0	0	0	0		18.66%		16.38%	22.23%	17.46%	FVAPXX PopNomV	7
																762,812		271,711	269,865	221,236	4 Attroyado,	U
	0	0	0	0	_	0	0	N	0	0	0	0	0	0		46.54%		50.26%	50.50%	39.22%	PPopNotW	-

ઝ	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	=	10	9	00	7	ш	σ ,	١	,s	2		
										₹09%	189% 	20%	-×00c	\$60°	40%	- W-64	50%-1	560°	%0%	8	70 %	90°%-1	×90%			A WIE		3	3	100	DISTRICT	Γ
											9.9%	99.00	¥ 93	\$\$ \$%	3	% et-	34.9%	899%	¥.99	99.9%	88	39.9%				TOT&		Ÿ			3	7
																															- 1	
																										,638,989	040,000	508	32, 72,	64,033	ŏ	•
																										100.00%	00.00	100.00%	100 00%	100.00%	AA BAARBARA	
																										664,062	200,002	207,520	177 682	278,556	A HMHNA	
										0	0	0	_	_	0	1	0	0	0	0	0	0	0			40.52%	00.74	29 1.00	70.HC E.E.	49.39%	T HANHAGEA	
																										30,778	,021	7 027	10 068	13,683	VAPNHBL A	
										3	0		0	0	0		0	0		0	0		0			1.88%	1.00	1 20%	1 880	2.439	A HAMBRAD	
										ω			0			0	0					0	ם			6 137,360	00,120	80 170	26.126	6 22,103	A VAHNAVA	
										2	_	0	0	0	0	0	0	0	0	0	0	0	0			8.38%	10.40	16 /00/	4 80%	564.033 100.00% 278,556 49.39% 13,683 2.43% 22,103 3.92% 16,052 2.85% 527	T THENGONS	
																										28,989	0,00	66.6	6 276	16,052	VAPNHAS A	
										₃	0	0	0		0	0	0	0	0	0	0	0	0			1.77%		1 220	1 17%	2.85%	W STHROOPING	
																0))			1,199		260	403	527	A MHNAVA	
										w			0		0	0	0	0	0	0		0	0			0.07%	0.0070		0 08%	0.09%	# IGHNOUNG	
																										7,925			22.5	3,088	VAPNHOT A	
										w	0	0	0	0	0	0	0	0	0	0	0	0	0			0.48%	0.4070		0.44%	0.09% 3,088 0.55% 212,166 37.62% 17,858 3.17% 285,477 50.61%	PARTITION A	
																			ĺ							726,764	214,000		200 000	212,166	VAPHISP	
										0	0	0	0	2	0	0	0	_	0	0	0	0	0			44.34%		T	56 14%	37.62%	V CONTRACTOR	
																										41,912	12,000	12.606	11 448	17,858	/APNHXX #X	
										ω	0	0	0	0	0	0	0	0	0	0	0	0	0			2.56%	2,00.1	230,	2 14%	3.17%	4 XX HMG #	
																										974,927	004,774	337 774	356 676	285,477	West A	
																										59.48%	01.00	61 560	66 75%	50.61	SPORT HOUSE	

NM_PassedSB1_Matrix_poli_formatted.xlsx 5-VAPRace_Combo

23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	∞ ~	10	2	4	3	2	_	
	30%	366 61 - %01	20% 29.9%	30% - 34.6%	366 660 - 3655	40% 45.9%	%8 BF - %SF	50% - 54.9%	55% 559 9%	50% - 64,9%	968 GB - 969	20° 7807	% 5 BB - %08	* GC%		STATE TOTAL		003	202	901	DISTRICT	Α
																						В
																1,638,989		540,598	534,358	564,033	VAPTOT	C
																119.36%		116.94%	122.92%	118.31%	Percent of	D
																1,172,164		354,574	380,019	437,571	VAPWH_C	C D E
	0	0	0	0	0	0	0	0	0	0		2	0	0		71.52%						
																46,422			15, 151	20,639	PWH C VAPBL C PVA	G
	3	0	0	0	0	0	0	0	0	0	0	0	0	0		2.83%		1.97%	2.84%	3.66%	PVAPBL C	I
																188,477		105,408	2.84% 42,357	40,712	VAPNA_C	_
	2	_	0	0	0	0	0	0	0	0	0	0	0	0		11.50%		19.50%				J
																41,222		9,287	9,810	22,125	PRIA C VAPAS C	~
	3	0	0	0	0	0	0	0	0	0	0	0	0	0		2.52%		1.72%	1.84%	3.92%	PVAPAS C	L
																4,204		1,073	1.84% 1,383	1,748	VAPPI_C	Μ
	သ	0	0	0	0	0	0	0	0	0	0	0	0	0		0.26%			0.26%	0.31%	PARPI C	z
																503,802		151,203	208,102	144,497	APPL C VAPOT_C	0
	0	0	2	0	_	0	0	0	0	0	0	0	0	0		30.74%			38.94%		Š	P
																466,825			154,339	126,462	OT C PopNonW PPopNont	Q
	0	0	2	_	0	0	0	0	0	0	0	0	0	0		28.48%		34.41%	28.88%	22.42%	Munudoda	עג

NM_PassedSB1_Matrix_poli_formatted.xlsx 5A-VAPNHRace_Combo

23	22	21	20	19	18	17	16	15	14	13	12	1	10	9	00	7	о	ڻ ن	4	ω	2	_	П
	× 60	10%	20%	90%	Ω 20 30	6 0%	98 68	50%	95 %	20%	868 87	70%	80%	× 80 8			US No.		003	Ø 2	ĝ	DISTRICT	П
		 99 99	46.8%	34.89	89 99	45.9%	49 9%	34.9%	59 99	\$4.98 98	66 88 80 88	79 159	88.98				e O					នឹ	≻
																	ř			 			Н
																							В
																	1,638,989		540,598	534,358	564,033	VAPTOT	С
																	102.71%			102.28%	103.35	Percention \	D
																	%				%	WAPNH	Е
L																	702,769		219,542	188,201	295,026	APNHWH_C 89	
	0	0	0	0	_	_	0	_	0	0	0	0	0	0			42.88%		40.61%	35.22%	52.31%	D HEARINGE	п
																	38,615		8,973	12,351	17,291	VAPNHBL_C	G
	ω	0	0	0	0	0	0	0	0		0	0	0				2.36%		1.66%	2.31%		8	П
																	156,344		95,585		29,492	BURBL O VAPNHNA_C B	-
																	9.54%		17.68%	5.85%		3 WRIGHTATA	П
	2		0	0	0	0	0	0	0	0	0	0	0	0			% 37,072		8,474	% 8,409	% 20,189		Σ.
																	2.26%		4 1.57%	9 1.57%		PWAPNHAS C	١
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			% 3,067		% 794	% 1,002		VAPNHPI_C PARE	П
	3	0	0	0		0	0	0			0	0	0	0			0.19%		0.15%	0.19%	0.23%	DANBARAGE C	z
																	18,753		5,943	5,294	7,516	VAPNHOT_C	0
	3	c	0	0	0	0	0	C	0		0	0	0	0			1.14%		1.10%	0.99%	1.33%	MAPLIC VAPNHOT_C PURPHINDT_E VAPHISP PRIMPHED PRIMITE PROPHERY	d
																	726,764		214,599	299,999	212,166	VAPHISP	Q
																	44.34%		39.70%	56.14%	37.629	PANAPHE	IJ
	0	0	0	0	2	0	0	0	_	0	0	0	0	0			% 936,220		% 321,056	% 346,157	% 269,0C	Aughdes A	S
																	20 57.12%		56 59.39%	57 64.78%	07 47.69%	W PPopNoi	1

NM_PassedSB1_Matrix_poli_formatted.xlsx 6-VAPRace_OMB

23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	œ	7	6	5	4	ယ	2	_	
	10%	10%-199%	20% 299%	30% - 34.9%	3E% 39.9%	40% - 46.9%	45% 45.9%	50% 549%	55% 5999%	60% 649%	65% - 69 9%	70% 79.0%	80% - 89.9%	%00% %			STATE TOTAL		003	92	001	DISTRICT	Α
																							В
																	1,638,989		540,598	534,358	564,033	VAPTOT	С
																	82.57%		84.70%	79.02%	83.88%	Percentiat '	D
																	876,177		268,887	264,493	342,797	VAPWH_A	Е
	0	0	0	0	0	0	2	0	0	_	0	0	0	0			53.46%		49.74%	49.50%	60.78%	V HMdVA	П
																	38,210		8,645	12,647	16,918	VAPBL_W	G
	3	0	0	0	0	0	0	0	0	0	0	0	0	0			2.33%		1.60%	2.37%	3.00%	M TBdVAc	Ŧ
																	159,106		96,202	33,718	29,186	VAPNA_W	_
	2	1	0	0	0	0	0	0	0	0	0	0	0	0			9.71%		17.80%	6.31%	5.17%	VAPTOT PRIMITE VAPWH A PLAPMH & VAPBL W PLAPM W VAPNA W PLAPM W VAPAS W	۲
																	32,623		7,470	7,501	17,652	VAPAS_W	Σ.
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			1.99%		1.38%	1.40%	3.13%	W Stdthd	Е
																	2,757		691	942	1,124	WIGHTA	Ζ
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			0.17%		0.13%	0.18%	0.20%	A Idda	z
																	244,359		76,015	102,923	65,421	VAPOT_W 🎉	0
	0	3	0	0	0	0	0	0	0	0	0	0	0	0			14.91%		14.06%	19.26%	11.60%	WAS W VAPPIW FVAPPIW VAPOIW PVAPCIW FoptionW PPophanW	Р
																	762,812			269,865	221,236	PopilionW 1	Q
	0	0	0	0	_	0	0	2	0	0	0	0	0	0			46.54%		50.26%	50.50%	39.22%	Muchique	Z)

23	22	21	20	19	18	17	16	15	14	13	12	1	10	9	œ	7	თ თ	4	ω	2	_	
	į	19%	200%	Š	¥	å	45%	50%	550	ě	8	78 94	8	×00%			os M	8	8	ğ	DISTRICT	
		99	28 9% Mee 82	64 102 8	160 O	45 B%	%E 64	54.9%	150 B3%	64 99 8	9% 8%	28 B.V	% 56 68				o O				٩	Α
***	***	***	***	***	***	***	***	**	***	***	***	***	***	***	***	***	380000	***	 		***	В
																	1,638,989	540,598	534,358	564,033	VAPTOT	С
																				33 97.	Personation	D
																	97.84%	98.01%	98.21%	97.34%	VAP	Н
																	664,062	207,824	177,682	278,556	VAPNHWH_A	Е
													_				40.52%	38.44%	33.25%	49.39%	PVAPMHWH A	F
	0	0	0				1	0	0	0	0	0	0	0			32,783	7,554	10,615		W_HBH_W	G
																		44	6		pvap	н
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			2.00%	1.40%	1.99%	2.59%	HISE WE VAPN	
																	139,125	89,697	26,549	22,879	HNA_W	_
	2	1	0	0	0	0	0	0	0	0	0	0	0	0			8.49%	16.59%	4.97%	4.06%	APRICA W	J
																	30,273	6,971	6,690	16,612	VAPNHAS_W 8	⊼
	3	0	0	0	0	0	0	0	0	0	0	0	0	0			1.85%	1.29%	1.25%	2.95%	PVAPNHAS W	L
																	1,975	510	665		W_IdHNdW	M
																	0.12%	0.09%	0.12%	0.14%	A SAMPAGEAG	Z
	3	0	0	0	0	0	0	0	0	0	0	0	0	0			% 8,676	% 2,681	% 2,611		WAPNHOT W PW	0
																	6 0.53%	0.50%	1 0.49%		S	P
	3	0	0	0	0	0	0	0	0	0	0	0	0	0			% 726,764	% 214,599	% 299,999	% 212,166	WHOT WE VAPHISP PV	Q
		_	_	-						_	-	0	٠				4 44.34%	9 39.70%	9 56.14%	37.62%	PVAPHISP	R
	0	0	0	0	2	0	0	0		0	0	J	0	0			6 974,927	6 332,774	356,676	285,47	daes mandos dsinary	S
																	7 59.48%	4 61.56%	6 66.75%	7 50.61%	Мынымаа а	Т

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				45.94%	3,938,018	54.06%	4,634,645	45.92%	2,460,924	54.08%	2,897,722	Statewide
				44.24%	1,244,220	55.76%	1,568,521	43.49%	762,589	56.51%	990,799	w
				47.09%	1,131,581	52.91%	1,271,330	47.16%	709,308	52.84%	794,721	2
				46.54%	1,562,217	53.46%	1,794,794	47.07%	989,027	52.93%	1,112,202	M
				CoAReps %	CoAReps	XXXX.	CoADems CoADems %	SupReps %	SupReps S	upDems % S	SupDems SupDems %	DISTRICT
				ons)	(All Election	Court of Appeals (All Elections)	Сои	pt 2014)	ections exce	Supreme Court (All Elections except 2014)	Supreme	
47.54%	236,715	52.46%	261,212	42.08%	286,758	57.92%	394,737	46.85%	326,201	53.15%	370,046	Statewide
45.36%	77,371	54.64%	93,192	41.33%	92,214	58.67%	130,892	45.24%	103,315	54.76%	125,066	×
49.95%	66,327	50.05%	66,469	44.70%	84,872	55.30%	105,007	50.12%	95,678	49.88%	95,213	N
47.81%	17	52.19%	101,551	40.84%	109,672	59.16%	158,838	45.93%	127,208	54.07%	149,767	Þ
Lopez %		berg Eichenberg % Lopez	Exchanberg E	Castillo %	Castillo	Eichenberg %	∃ ಶಿಖಾಧಚಿತ್ರಚಿತ್ರ	HMontoya % I	∺montoya +	# % e¥otnoM	1 exetueur	DISTRICT
		2014			9	2018			in index)	2022 (not in index)		
					rer	Treasurer						
43.59%	334,733	56.41%	433,227	39.20%	257,309	60.80%	399,111	43.89%	300,732	56.11%	384,477	Statewide
43.10%	108,854	56.90%	143,701	38.21%	82,085	61.79%	132,754	43.29%	96,784	56.71%	126,795	w
45.76%	98,986	54.24%	117,337	41.17%	74,838	58.83%	106,961	48.17%	90,159	51.83%	97,009	N
42.43%	126,893	57.57%	172,189	38.64%	100,386	61.36%	159,396	41.46%	113,789	58.54%	160,673)
Espinoza Espinoza %	Spinoza	Cilver %			CHEKSON	liver %	Oliver	-	-***			C0/880
f g		2018			ı ındex)	2018 (not in index)				3)
		2			TSTATE	Secretary of State						
57.22%	293,466	42.78%	219,375	42.80%	298,051	57.20%	398,378	46.73%	324,665	53.27%	370,146	Statewide
53.37%	93,908	46.63%	82,060	41.28%	94,138	58.72%	133,930	44.80%	101,709	55.20%	125,313	ω
59.46%	81,747	40.54%	55,744	44.60%	86,459	55.40%	107,399	50.16%	94,908	49.84%	94,290	N
59.09%	117,811	40.91%	81,571	9%	117,454		157,049	٠.	128,048	54.04%	150,543	
Martinez Martinez %	/artinez /	King %	King x	Pearce %	Pearce		Grisham Grisham %	Ronchetti %	Ronchetti F	risham % F	Grisham Grisham %	DISTRICT
		2014				2018			in index)	2022 (not in index)		
					ior	Governor						
44.71%	335,829	55.29%	415,356	45.35%	319,667	54.65%	385,236	44.48%	401,883	55.52%	501,599	Statewide
42.58%	107,851	57.42%	145,463	44.17%	103,781	55.83%	131,153	44.57%	130,909	55.43%	162,781	w
45.11%	94,947	54.89%	115,544	46.63%	93,651	53.37%	107,198	46.95%	121,783	53.05%	137,607	2
46.29%	133,031	53.71%	154,349	2%	122,235	54.58%	146,885	58%),191	3	201,211	H
Romney %	comney I	Obama Obama % Romney Romney %	Opama O	Trump %	Trump	linton %	Clinton C	Trump %	ST OF	Biden Biden % T	Biden B	DISTRICT
		2012			•	2016			Ö	2020		
					ent	President						
				45.93%	6,398,942	54.07%	7,532,367	45.87%	11,445,540		13,506,401	Statewide
				43.95%	2,006,809	56.05%	2,559,320	44.03%	3,629,352	55.97%	4,613,804	3
				47.12%	1,840,889	52.88%	2,066,051	47.27%	3,287,582	52.73%	3,667,152	2
				46.74%	2,551,244	53.26%	2,906,996	46.43%	4,528,606	53.57%	5,225,445	₽
				æe S	Rep	em %	Dem D	ép %	Kep T	em % ***	Dem	DISTRICT
				Ø	osite Scor	udicial Composite Score	#		Site Score	State Composite Score		

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4														
ь	2020			2018 (not in index)	in index)			2014	4			2012	N	
ujan Lujan %	Ronchetti Ronchetti % Heinrich Heimrich % Rich Rich % Udall	onchetti %	Heimich H	emnch % F	йch Д	ch %		Udall % Weh		Weh %	temnon H	Heinnich Heinnich % Wilson Wilson %	Wison W	lisan %
53.28%	162,513	46.72%	147,795	64.33%	81,945	35.67%	,561		,425	98%	148,821	51.21% 141,809	141,809	48.79%
131,557 51.68%	122,987	48.32%	102,400	61.80%	63,300	38.20%	74,008	53.81%	63,537	46.19%	111,373	54.07%	94,622	45.93%
157,539 54.23%	132,980	45.77%	126,808	65.25%	67,532	34.75%	105,848	59.80%	71,144	40.20%	135,528	54.12%	114,885	45.88%
474,462 53.13%	418,480	46.87%	377,003	63.92%	212,777	36.08%	286,417	55.56%	229,106	44.44%	395,722	52.97%	351,316	47.03%
					•		_							
33376				Additiey General	Gelieiat	-		3	•					
2022 (n.	2022 (not in index)			2018 (not in index)				2014						
forrez Torrez %	Gay Ga	Gay %	Balderas B	Balderas Balderas % Hendricks		Hendricks % Balderas Balderas %	Balderas B.		Riedel R	Riedel %				
%	1,911	3.53%	172,309	66.29%		33.71%	113,715	57.53%	83,953	42.47%				
99,655 51.77%	92,858	48.23%	114,167	62.37%	68,877	37.63%	74,937	55.38%	60,366	44.62%				
130,720 56.85%	99,230	43.15%	141,074	65.34%	74,828	34.66%	106,358	61.36%	66,990	38.64%				
388,542 55.31%	313,999	44.69%	427,550	64.89%	231,326	35.11%	295,010	58.27%	211,309	41.73%				
- Secreta	Secretary of State		_	_	_		_	Audifor _	_	_				
3	naa ome			2022 /24	in indovi			2001	•			2	>	
2			7	ZUZZ (HIOT III IIIUEX)	ļ¢) <u>1</u>)	- CO-10		F 	Î	- LO 14	* 1	
97.664 49.17%	100.967	50.83%	161.190	62.89% 95.12		37.11%	155.481	155,481 57,32% 115,762 42,68% 106,342 54,67% 88,175 45,33%	115.762	42.68%	106.342	54.67%	88.175	45.33%
	73,809	54.47%	103,286	58.72%	72,620	41.28%	107,801	56.34%	83,536	43.66%	68,040	51.11%	65,083	48.89%
86,168 49.66%	87,362	50.34%	135,298	63.44%	77,955	36.56%	132,426	58.90%	92,416	41.10%	96,010	56.22%	74,780	43.78%
245,521 48.36%	262,138	51.64%	399,774	61.94%	245,696	38.06%	395,708		291,714	42.44%	270,392	54.25% 228,038	228,038	45.75%
				Land Com	Land Commissoner									
2022 (no	2022 (not in index)			20	2018			2014	4					
Richard Richard % Byrd		Byrd %	Richard Richard %	ichard % L	Lyons L	Lyons %	Powell P	Pawell % [Dunn D	Dunn %				
153,829 55.80%	121,833	44.20%	137,390	53.56%	119,128	46.44%	93,466	47.98%	101,326	52.02%				
96,861 51.17%	92,429	48.83%	95,913	53.30%	84,031	46.70%	63,478	47.57%	69,950	52.43%				
128,876 57.17%	96,553	42.83%	119,032	55.82%	94,220	44.18%	92,403	53.99%	78,740	46.01%				
379,566 54.98%	310,815	45.02%	352,335	54.23%	297,379	45.77%	249,347	49.93%	250,016	50.07%				
									1					
	+				_		_	_	_		_	_	_	

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 Judicial

44.49%	328,/60	55.51%	410,18/	45.19%	338,103	54.81%	410,023	Statewide
42.12%	104,158	57.88%	143,144	41.65%	104,158	58.35%	145,914	u.
43.07%	88,921	56.93%	117,549	43.95%	91,768	56.05%	117,031	ı N
47.50%	100,001	0,74.70	147,434	42.LU%	01 700	50.05%	147,070) k
manisee %	$- \infty$	7,0 100 E) 1707 (2011)	1/0/0/0	rennedy %	Kennedy	1/7 079 50 85% Xennedy	1/17 078	כ ק ק
1000000		Contest 1	J	Ç L	Contest 1	Co	c en	2
	eals (2012	Court of Appeals (2012)		2)	Supreme Court (2012)	Supreme		
				50.90%	246,861	49.10%	238,131	Statewide
				47.09%	78,352	52.91%	88,027	ω
				51.08%	66,357	48.92%	63,542	N
				54.13%	102,152	45.87%	86,562	₩
				Hanisee %	Hanisee	Kieman Kieman %	ueurany	DISTRICT
					Contest 1	င္၀		
				14)	Court of Appeals (2014)	Court of A	_	
47.52%	357,837	52.48%	395,227	52.00%	396,303	48.00%	365,790	Statewide
45.09%	111,477	54.91%	135,760	46.13%	115,251	53.87%	134,615	33
46.22%	98,366	53.78%	114,471	50.40%	108,221	49.60%	106,488	N
50.51%	147,994	49.49%	144,996	58.09%	172,831	41.91%	124,687	H
French %	French	Vargas Vargas %	Vargas	Nakamura %	Nakamura	Vigil Vigil % Nakamura	Vigit '	DISTRICT
	št 1	Contest 1			Contest 1	င်ဝ		
)	als (2016	Court of Appeals (2016)		6)	Supreme Court (2016)	Supreme	_	
45.42%	508,140	54.56%	3/0,514	40.83%	2/8,502	59.11%	403,5/3	Solwans
43.66%	96,842	56.34%	124,956	38.58%	86,049	61.42%	137,013	} ω
45.71%	86,469	54.29%	102,703	42.12%	80,046	57.88%	110,005	N
46.67%	· ·	53.33%	142,655	41.79%		58.21%	156,555	₩
French %		Bogardus Bogardus % French	Bogardus	Clingman %		Vigil18 Vigil18% Clingman	Vigil18	DISTRICT
	1	Contest 1			Contest 1	S		
•	als (2018	Court of Appeals (2018)		8)	Supreme Court (2018)	Supreme	_	
45.85%	406,799	54.15%	480,479	44.32%	394,583	55.68%	495,748	Statewide
44.69%	128485	55.31%	159,030	43.49%	125,324	56.51%	162,820	3
47.73%	121443	52.27%	132,987	46.28%	118,054	53.72%	137,032	N
45.43%	7		188,462	43.56%	151,205		195,896	₩
Morns %	Ġ	Thomson Thomson %	Thomson	Fuller	Fuller	Bacon %	Bacon	DISTRICT
	št 2	Contest 2			Contest 1	င္ပ		
		_	ourt (2020)	Supreme Court (2020)		_	_	
45.85%	318,184	54.15%	375,785	47.27%	328,450	52.73%	366,324	Statewide
43.83%	99,547	56.17%	127,571	45.59%	103,775	54.41%	123,836	3
49.18%	93,617	50.82%	96,753	50.45%	96,159	49.55%	94,425	N
45.22%	125,020	151,461 54.78%	151,461	46.47%	128,516	148,063 53.53% 128,51	148,063	1
On the state of th	i.	Contest 2	7,50,00	F.W. 19 0.0.	Contest 1	Co	(Variance)	
			ourt (2022)	Supreme Court (2022)				
			Action in the second se					

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				L							
			Т		I				,		,
45.50%	306.814	54.50%	П		[390,971	42.19%	285.681	57.81%	391,429
44.31%	97,892	55.69%		39.86%		60.14%	133,097	39.64%	87,862	60.36%	133,792
46.77%	88,047	53.23%	100,222	43.46%	82,108	56.54%	106,807	42.88%	80,957	57.12%	107,863
45.59%	120,875	54.41%	144,2/6	43.2/%	115,243	56./3%	151,06/	43.83%	116,862	56.1/%	149,//4
Gallegos %	Gallegos	THUR YE	Ama	Mehne %	Kjenne	Redina Wedina % Bornnott Sonntion % Langua Langua Kenne Kenne % Lidity Lidity % Callegos	camora	Bonnon %	HORMON	ж еппам	Wedina
*	31.4	Contest 4	7		•	Contesta)	Collest 2	CO	
		2			3	200			3	2	
	_			\$} 	als (201)	Court of Appeals (2018)					
			Т								
48.16%	424,149	51.84%			54.86% 370,770	54.86%	450,547	47.51%	- 1	52.49%	464,012
48.04%	137,124	51.96%			55.87% 117683	55.87%	148,976	47.34%	135,670	52.66%	150,945
50.25%	127,124	49.75%	125,857	46.84%	53.16% 110069	53.16%	124,906	49.43%	125,338	50.57%	128,244
46.70%	159,901	53.30%	182,468		55.26% 143018	55.26%	176,665	46.23%	158,919	53.77%	184,823
Montoya %	Montoya	Yohalem Yohalem ¼ Montoya Montoya %	Yohalem	Lee %	Lee	Henderson Henderson % Lee	Henderson	kes Ives % Johnson Johnson %	Johnson	lyes %	Ves
	9513	Contest 3			N	Contest 2			Contest 1	Con	
		ı		5	Sals (ZUZ	Court of Appears (2020)				l	
				4	1000						
				45.65/6	237,020	34.11/0	330,103	40.72/0	300,431	33.20/0	170,040
				T	Т	54 11%	350 169	%C7 31	306 491	22 28% 53 28%	3/10 5/21
				43.89%		56.11%					119,705
				49.32%	87,409						89,338
				45.19%	701	54.81%	141,536		120,036	53.92%	140,478
				Lee %		Wray Wray % Lee	Wray	Baca Baca % Johnson Johnson %	Johnson	Baca %	Васа
						Contest 2			Contest 1	con	
)	ı	Court of Appears (2022)	Court		,	
					000000000000000000000000000000000000000	10	manale /303	72::+ 25.0			

Prepared by Election Data Services, Inc. -- 3:12 PM 8/23/2023

NM_PassedSB1_Matrix_poli_formatted.xlsx General Stats

% Other Turnout Turnout % 24.6% 276,365 59.3% 25.2% 195,407 52.18% 21.7% 229,882 54.57% 23.8% 701,654 55.62% % Other Turnout Turnout % 23.2% 311,989 62.98% 23.8% 227,360 60.88% 20.4% 264,724 62.95% 22.5% 804,073 62.36% 20.4% 261,268 41.55% 22.8% 201,268 41.55% 23.5% 138,862 37.06% 20.4% 179,323 41.84% 20.4% 179,323 41.84% 22.2% 519,453 40.34% 22.2% 519,453 40.34% 20.4% 179,323 41.84% 22.2% 519,453 40.34% 22.2% 519,453 40.34% 20.4% 10.34% 63.92% 20.4% 303,826 63.92% 21.6%	382,929 30.4% 300,276 23 General Election Turmout (2016) Company (2016) Company (2016) Company (2016) Company (2016) Company (2014) Compan	General Election J GOP % GOP 167,200 33.8% 110,207 29.5% 122,504 29.1% 399,911 31.0% General Election J GOP % GOP 167,817 34.6% 109,997 29.4% 123,511 28.8% 401,325 31.2% General Election J GOP % GOP 167,205 35.2% 107,608 29.7% 121,177 29.0%	General Registered GOP 110,207 122,504 399,911 Registered GOP 167,817 109,997 123,511 401,325 Registered GOP 167,205 Registered GOP 167,205 107,608 117,608	% Dem 43.1% 46.6% 50.5% 46.5% 46.5% 47.2% 50.8% 46.6% 47.2% 50.8% 48.2% 48.2% 51.8%	213,296 174,210 212,303 599,809 Registered Dems 206,001 176,723 217,817 600,541 Registered Dems 205,260 174,680 216,300	Statewide DISTRICT 1 2 3 Statewide DISTRICT 1 2 2 1 DISTRICT 1 1 1 1 2 3 3 Statewide 2 2 3 3 Statewide 2 3 3 3 Statewide 3
Turnout Turr 276,365 195,407 229,882 701,654 Turnout Turr 311,989 227,360 264,724 804,073 Turnout Turr 201,268 138,862 179,323 519,453 Turnout Turr 303,826 219,263	her 1,880 1,046 5,736 5,736 3,662 1,736 1,736 1,778 1,001 1,722 1,722 1,722 1,722 1,722 1,722 1,722 1,722 1,849 1,	Election % GOP 33.8% 29.5% 29.1% 31.0% Election % GOP 34.6% 29.4% 29.4% 29.4% 31.2% Election % GOP 35.2% 35.2%	General Registered GOP 110,207 110,207 122,504 399,911 General Registered GOP 167,817 109,997 123,511 401,325 General Registered GOP 167,205 167,205 107,608	% Dem 43.1% 46.6% 50.5% 46.5% 46.5% 46.5% 47.2% 50.8% 47.2% 46.6% 46.6% 48.2%	213,296 174,210 212,303 599,809 Registered Dems 206,001 176,723 217,817 600,541 Registered Dems 205,260 174,680	Statewide Statewide DISTRICT DISTRICT DISTRICT 1 1 2 2 2 DISTRICT 1
Turnout Turr 276,365 195,407 229,882 701,654 Turnout Turr 311,989 227,360 264,724 804,073 Turnout Turr 201,268 138,862 179,323 519,453 Turnout Turr 303,826	her 4,880 9,046 5,736 5,736 3,662 her 7,222 5,778 6,778	Election % GOP 33.8% 29.5% 29.1% 31.0% Election % GOP 34.6% 29.4% 29.4% 29.4% 31.2% 31.2% Election	General Registered GOP 110,207 110,207 122,504 399,911 Registered GOP 167,817 109,997 123,511 401,325 General Registered GOP 167,205	% Dem 43.1% 46.6% 50.5% 46.5% 46.5% 46.5% 47.2% 50.8% 47.2% 46.6% 46.6% 43.2%	213,296 174,210 212,303 599,809 Registered Dems 206,001 176,723 217,817 600,541 Registered Dems 205,260	Statewide DISTRICT 1 1 2 2 3 3 Statewide DISTRICT 1
Turnout Turr 276,365 195,407 229,882 701,654 Turnout Turr 311,989 227,360 264,724 804,073 Turnout Turr 201,268 138,862 179,323 519,453 Turnout Turr	her 1,880 9,046 5,736 5,736 9,662 1,735 1,735 1,778 1,778	Election % GOP 33.8% 29.1% 31.0% Election % GOP 34.6% 29.4% 29.4% 28.8% 31.2% Election	General Registered GOP 167,200 110,207 122,504 399,911 General Registered GOP 167,817 109,997 123,511 401,325 General Registered GOP	% Dem 43.1% 46.6% 50.5% 46.5% 46.5% 0% Dem 42.5% 47.2% 50.8% 46.6%	213,296 174,210 212,303 599,809 Registered Dems 206,001 176,723 217,817 600,541 Registered Dems	Statewide DISTRICT 1 2 2 3 Statewide DISTRICT
Turnout Turr 276,365 195,407 229,882 701,654 Turnout Turr 311,989 227,360 264,724 804,073 Turnout Turr 201,268 138,862 179,323 519,453	her 4,880 9,046 5,736 3,662 3,662 3,655 5,778 8,001 7,222 5,778	Election % GOP 33.8% 29.5% 29.1% 31.0% Election % GOP 34.6% 29.4% 29.4% 28.8% 31.2% Election	General Registered GOP 110,207 110,207 122,504 399,911 General Registered GOP 167,817 109,997 123,511 401,325 General	% Dem 43.1% 46.6% 50.5% 46.5% 42.5% 47.2% 50.8% 46.6%	213,296 174,210 212,303 599,809 Registered Dems 206,001 176,723 217,817 600,541	Statewide DISTRICT 1 2 2 3 Statewide
Turnout Turr 276,365 195,407 229,882 701,654 Turnout Turr 311,989 227,360 264,724 804,073 Turmout Turr 201,268 138,862 179,323 519,453),276 her 4,880 9,046 5,736 3,662 3,662 her 0,555 9,001 8,001	Election % GOP 33.8% 29.1% 31.0% Election % GOP 34.6% 29.4% 22.8% 31.2%	General Registered GOP 110,207 122,504 399,911 Registered GOP 167,817 109,997 123,511 401,325	% Dem 43.1% 46.6% 50.5% 46.5% 42.5% 47.2% 50.8% 46.6%	213,296 174,210 212,303 599,809 Registered Dems 206,001 176,723 217,817 600,541	Statewide DISTRICT 1 2 2 3 3 Statewide
Turnout Turr 276,365 195,407 229,882 701,654 Turnout Turr 311,989 227,360 264,724 804,073 Turnout Turr 201,268 138,862 179,323),276 her 4,880 9,046 5,736 5,736 3,662 her her 0,555 3,001	Election % GOP 33.8% 29.5% 29.1% 31.0% Election % GOP 34.6% 29.4% 29.4% 28.8%	General Registered GOP 167,200 110,207 122,504 399,911 General Registered GOP 167,817 109,997 123,511	% Dem 43.1% 46.6% 50.5% 46.5% 46.5% 47.2% 50.8%	213,296 174,210 212,303 599,809 599,809 Registered Dems 206,001 176,723 217,817	Statewide DISTRICT 1 2 2 3 3 3 5 5 5 5 5 5 5 6 6 7 7 7 7 7 7 7 7 7 7 7
Turnout Turr 276,365 195,407 229,882 701,654 Turnout Turr 311,989 227,360 264,724 804,073 Turnout Turr 201,268 138,862 138,862	7,276 her 4,880 9,046 5,736 5,736 7,736 7,736 7,736 7,736	Election % GOP 33.8% 29.5% 29.1% 31.0% Election % GOP 34.6% 29.4%	General Registered GOP 110,207 110,207 122,504 399,911 General Registered GOP 167,817 109,997	% Dem 43.1% 46.6% 50.5% 46.5% 46.5% 46.5% 47.2%	213,296 174,210 212,303 599,809 Registered Dems 206,001 176,723	Statewide DISTRICT 1
Turnout Turr 276,365 195,407 229,882 701,654 Turnout Turn 311,989 227,360 264,724 804,073 Turnout Turn 201,268 201,268),276 her 1,880 9,046 5,736 5,736 9,662	Election % GOP 33.8% 29.5% 29.1% 31.0% Election % GOP	General Registered GOP 110,207 122,504 399,911 Registered GOP 167,817	% Dem 43.1% 46.6% 50.5% 46.5% 46.5% 0% Dem 42.5%	213,296 174,210 212,303 599,809 Registered Dems 206,001	Statewide DISTRICT
Turnout Turr 276,365 195,407 229,882 701,654 Turnout Turn 311,989 227,360 264,724 804,073 Turnout Turn	5,276 her 1,880 9,046 5,736 3,662	Election % GOP 33.8% 29.5% 29.1% 31.0% Election % GOP	General Registered GOP 110,207 122,504 399,911 General Registered GOP	% Dem 43.1% 46.6% 50.5% 46.5%	213,296 174,210 212,303 599,809 Registered Dems	1 2 3 Statewide
Turnout Turr 276,365 195,407 229,882 701,654 Turnout Turr 311,989 227,360 264,724 804,073	5,276 her 4,880 9,046 5,736 9,662	Election % GOP 33.8% 29.5% 29.1% 31.0% Election	General General Registered GOP 110,207 122,504 399,911 General	% Dem 43.1% 46.6% 50.5% 46.5%	213,296 174,210 212,303 599,809	2 2 Statewide
Turnout Turr 276,365 195,407 229,882 701,654 Turnout Turr 311,989 227,360 264,724 804,073	her 1,880 9,046 5,736 9,662		General Registered GOP 167,200 110,207 122,504 399,911	% Dem 43.1% 46.6% 50.5% 46.5%	213,296 174,210 212,303 599,809	2 Statewide
Turnout Turr 276,365 195,407 229,882 701,654 Turnout Turr 311,989 227,360 264,724),276 her 1,880 9,046 5,736		General Registered GOP 167,200 110,207 122,504	% Dem 43.1% 46.6% 50.5%	213,296 174,210 212,303	ωΝμ
Turnout Turr 276,365 195,407 229,882 701,654 Turnout Turn 311,989 227,360),276 her 1,880 9,046		General Registered GOP 167,200 110,207	% Dem 43.1% 46.6%	213,296 174,210	2
Turnout Turr 276,365 195,407 229,882 701,654 Turnout Turn),276 her 1,880		General Registered GOP 167,200	% Dem 43.1%	213,296	سو
Turnout Turr 276,365 195,407 229,882 701,654 Turnout Turr	0,276 her		General Registered GOP	% Dem	, ,	
Turnout Turr 276,365 195,407 229,882 701,654	0,276		382,525 General		Registered Dems	DISTRICT
Turnout Turr 276,365 195,407 229,882 701,654			384,323			
Turnout Turr 276,365 195,407 229,882		30.4%	חנה יסי	45.8%	578,322	Statewide
Turnout Turr 276,365 195,407	91,289 21	28.9%	121,642	49.5%	208,305	3
Turnout Turn 276,365	94,239 25	29.2%	109,381	45.6%	170,878	2
Turnout	∞	32.6%	151,906	42.8%	199,139	1
	her	% GOP	Registered GOP	% Dem	Registered Dems	DISTRICT
	Turnout (2018)	General Election	General			
23.5% 928,234 68.75 %	317,165 23	31.3%	422,561	45.2%	610,516	Statewide
301,313		30.2%	134,912	48.2%	215,339	3
24.9% 266,081 65.51%	101,071 24	30.8%	124,949	44.4%	180,155	N
24.0% 360,840 72.61%	5	32.7%	162,700	43.3%	215,022	1
% Other Turnout Turnout %	er er		Registered GOP	% Dem	Registered Dems	DISTRICT
	Turnout (2020)	General Election	General			
24.6% 714,754 52.48 %	335,679 24	31.1%	423,911	44.2%	602,431	Statewide
233,815	102,845 22	30.2%	135,712	46.9%	210,981	3
26.2% 196,107 47.37%	108,412 26	30.9%	128,006	42.9%	177,613	2
32	2	32.1%	160,193	42.9%	213,837	μ
% Other Turnout Turnout %	Registered Other % (% GOP	Registered GOP	% Dem	Registered Dems	DISTRICT

Autobound EDGE - Compactness Report

Plan Name: Congress:NM_Congress_PassedSB1 For more information on compactness calculations Click Here



n	District Area	Perimeter	Area of Circle with	Perimeter of Circle	Compactness
District	(SQM)	(Miles)	Same Perimeter	with Same Area	Value
1	17,590	858	58,575	470	0.30
2	51,554	1,468	171,402	805	0.30
3	52,449	1,571	196,342	812	0.27

Most Compact: 0.3 For District: 2 Least Compact: 0.27 For District: 3

	District Area	Perimeter	Area of Circle with	Perimeter of Circle	Compactness
District	(SQM)	(Miles)	Same Perimeter	with Same Area	Value
	17,590	858	58,575	470	0.55
	51,554	1,468	171,402	805	0.55
j	52,449	1,571	196,342	812	0.52

Most Compact: 0.55 For District: 2 Least Compact: 0.52 For District: 3

Compactn	iess measure: R	eock Score			
	District Area	Perimeter	Area of Circle with	Perimeter of Circle	Compactness
District	(SQM)	(Miles)	Same Perimeter	with Same Area	Value
1	17,590	858	58,575	470	0.48
2	51,554	1,468	171,402	805	0.39
3	52,449	1,571	196,342	812	0.33

Most Compact: 0.48 For District: 1 Least Compact: 0.33 For District: 3

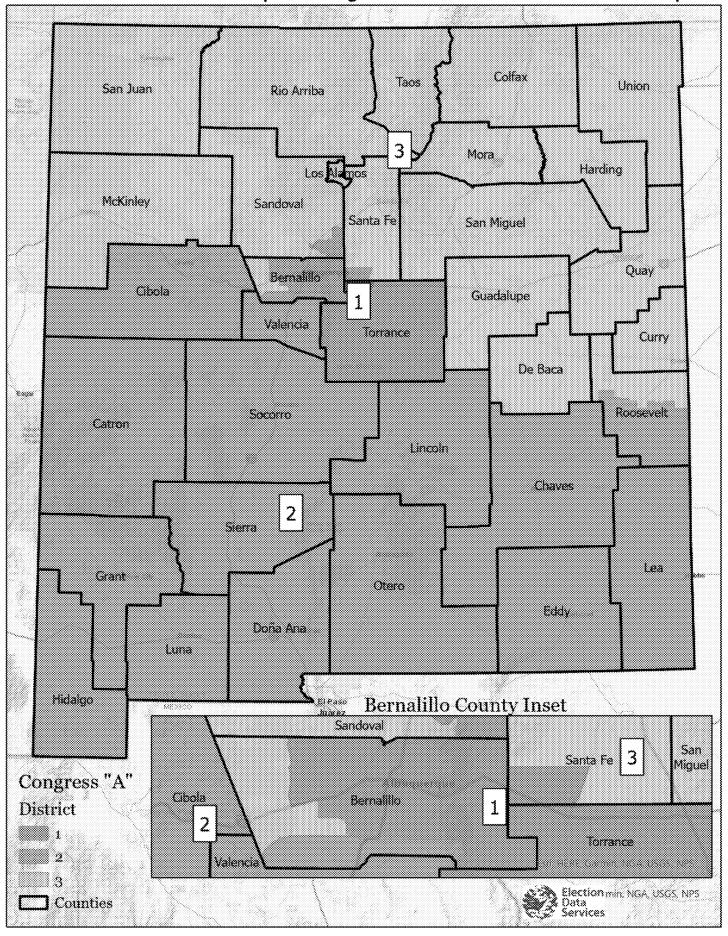
	District Area	Perimeter	Area of Circle with	Perimeter of Circle	Compactness
District	(SQM)	(Miles)	Same Perimeter	with Same Area	Value
	17,590	858	58,575	470	1.32
	51,554	1,468	171,402	805	1.49
j.	52,449	1,571	196,342	812	1.40

Most Compact: 1.49 For District: 2 Least Compact: 1.32 For District: 1

	District Area	Perimeter	Area of Circle with	Perimeter of Circle	Compactness
District	(SQM)	(Miles)	Same Perimeter	with Same Area	Value
1	17,590	858	58,575	470	0.77
2	51,554	1,468	171,402	805	0.75
3	52,449	1,571	196,342	812	0.67

Most Compact: 0.77 For District: 1 Least Compact: 0.67 For District: 3

New Mexico - District Map of Congressional Commission "A" Concept



New Mexico Districts with 2020 Census Data	Guide Pop = VAP = WH = BL= AS= NA, or Al= PHSP= NH= AS= NH= AS= NH= AS= NH= P= AS= NH= NH= AS= NH= NH= AS= NH= NH= NH= NH= NH= NH= NH= NH= NH= NH	
Mexico Districts with 2020 Census Data	Guide Pop = VAP = VAP = NA, or A = NH= P= NH= AS= NH= NH= P= AS= NH= NH= P= AS= NH= NH= P= NH= NH= P= NH= NH= NH= NH= NH= NH= NH= NH= NH= NH	
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Mexico Districts with 2020 Census Data	Guide Pop = VAP = VAP = NA, or A = NA, or A = NH= NH= XX= P= XX= A= A=	
Mexico Districts with 2020 Census Data	Guide Pop = VAP = WH = BL= AS= NA, or A = P = OT= Hisp= NH= XX= P=	
Mexico Districts with 2020 Census Data	Guide Pop = VAP = WH = BL= NA, or AI= PI= OT= Hisp= NH= XX=	
Mexico Districts with 2020 Census Data	Guide Pop = VAP = WH = BL= AS= NA, or AI= PI= OT= NH=	
Mexico Districts with 2020 Census Data Congress 3 3 3 3 3 3 3 3 3	Guide Pop = VAP = WH = BL= AS= NA, or AI= PI= OT=	
Mexico Districts with 2020 Census Data	Guide Pop = VAP = WH = BL= NA, or A = P = OT=	
Mexico Districts with 2020 Census Data Congress 2020 3 3 3 14 0.002% 14 7 Window 705,848 ages) 0.0005% 3 6 3 705,834 4 90.0005% 3 9 4 90.0005% 3 9 4 90.0005% 3 9 4 90.0005% 3 9 4 90.0005% 9 90.0005% 9 90.0005% 9 90.0005% 9 90.0005% 9 90.0005% 9 90.0005% 9 90.0005% 9 90.0005% 9 90.0005% 9 90.0005% 9 90.0005% 9 90.0005% 9 90.0005% 9	Guide Pop = VAP = WH = BL= AS= NA, or AI= PI=	
Mexico Districts with 2020 Census Data Congress Congress 2020 3 arget) 705,841 1dow 14 Window 7 mbers) 705,848 ages) 0.0005% mbers) 705,834 ages) -0.0005% ages) 6uide 2,117,522 Pop = VAP = VAP = WH = BL= ave not been verified. NA, or Al=	Guide Pop = VAP = WH = BL= AS= NA, or Al=	
Mexico Districts with 2020 Census Data Congress 2020 3 3 Irget) 705,841 100w 14 Window 705,848 mbers) 0.0005% ages) 0.0005% mbers) 705,834 ages) -0.0005% ages) 2,117,522 Pop = VAP = WH = W	Guide Pop = VAP = WH = BL= AS=	
Mexico Districts with 2020 Census Data	Guide Pop = VAP = WH = BL=	District boundaries hav
Mexico Districts with 2020 Census Data Congress 2020 3	2020 3 705,841 0.002% 14 0.005% 5) 705,848 0.0005% -0.0005% 6uide 2,117,522 Pop = VAP = WH =	Analysis based on prel
Mexico Districts with 2020 Census Data Congress 2020 3	2020 3 705,841 0.002% 14 0.005% 5) 705,848 0.0005% -0.0005% 6) 2,117,522 Pop = VAP =	
Mexico Districts with 2020 Census Data Congress 2020 3	2020 3 705,841 0.002% 14 0.005% 5) 705,848 0.0005% 705,834 -0.0005% Guide 2,117,522 Pop =	
Mexico Districts with 2020 Census Data Congress 2020 3	2020 3 705,841 0.002% 14 7 5) 705,848 0.0005% 705,834 -0.0005% Guide	Statewide Population
Mexico Districts with 2020 Census Data Congress 2020 3 Irget) 705,841 0.002% Idow 14 Window 7 mbers) 705,848 ages) 705,834 ages) 705,834 ages) -0.0005% ages) -0.0005%	2020 2020 3 705,841 0.002% 14 0.005% 705,848 0.0005% 705,834 -0.0005%	
New Mexico Districts with 2020 Census Data Number of Members Congress Number of Members 3 Ideal District Size (Target) 705,841 Acceptable Deviation 0.002% Overall Deviation Window 14 One-sided Deviation Wimbers) 705,848 High Range (Raw Numbers) 705,848 High Range (Percentages) 0.0005% Low Range (Percentages) -0.0005% Low Range (Percentages) -0.0005%	2020 705,8 0.002 0.002 0.002 0.0005 5) 705,8 -0.0005	
New Mexico Districts with 2020 Census Data Congress Congress	2020 705,8 0.002 0.002 0.0005 0.0005 0.0005 0.0005	Low Range (Percentac
New Mexico Districts with 2020 Census Data Congress Congress	2020 705,8 0.002 0.002 s) 705,8 0.0005	Low Range (Raw Num
New Mexico Districts with 2020 Census Data Congress 2020 Number of Members Ideal District Size (Target) Acceptable Deviation Overall Deviation Window One-sided Deviation Window High Range (Raw Numbers) New Mexico Districts with 2020 Census Data Congress 2020 3 Congress 705,841 0.002% 0.002% 705,841 705,848	2020 705,8 0.002	High Range (Percenta
New Mexico Districts with 2020 Census Data Number of Members Congress Congress Ideal District Size (Target) 705,841 Societable Deviation Window 9 Societable Deviation Window 14 S	2020 705,8 0.002	High Range (Raw Num
New Mexico Districts with 2020 Census Data Congress Congress	2020 705,8 0.002	One-sided Deviation V
New Mexico Districts with 2020 Census Data Congress 2020 Number of Members Ideal District Size (Target) Acceptable Deviation New Mexico Districts with 2020 Census Data	2020 705,84 0.002°	Overall Deviation Wind
New Mexico Districts with 2020 Census Data Congress 2020 Number of Members 1705,841 Number of Members 1705,841	2020 705,84	Acceptable Deviation
New Mexico Districts with 2020 Census Data Congress 2020 Number of Members New Mexico Districts with 2020 Census Data		ldeal District Size (Tar
New Mexico Districts with 2020 Census Data Congress 2020	2020	Number of Members
New Mexico Districts with 2020 Census Data Congress	CO1181 CCC	
New Mexico Districts with 2020 Census Data	Congress	
New Mexico Districts with 2020 Census Data		
	Wexico Districts with 2020 Census Data	New

NM_PlanA_Matrix_poli_formatted.xlsx Deviations

12	11	10	9	8	7	6	5	4	ယ	2	_	
		Lowest	Highest	Total Dev		STATE TOT		03	20	01	DISTRICT	А
						2,117,522		705,837	705,840	705,845	TAPERSONS	В
								705,841				С
		(4)	4	8				(%)	(1)	4	Raw Dev.	D
		-0.0005%	0.0006%	0.0011%				0.0%	0.0%	0.0%	% Dev.	Е
								705,844	705,846	705,832	POPTOT	F
												ଜ

NM_PlanA_Matrix_poli_formatted.xlsx Overview

inession.	Total Pop 3	Assigne	w	N		DISTRIC	
	o 2,11	211	7	7	S.		
	7,522	2,117,522	705,837 71	705,840 70	705,845 71		5
			05,841	05,841	05,841		Total Population
		control control		8			ation
			٤	<u></u>	Δ.		
		000000000000000000000000000000000000000	36.D	35.Q	33 88 #		
		200000000000000000000000000000000000000	5% 	1% 1.	38.41% 2.55%		Racial De
		000000000000000000000000000000000000000	25%	63%	\$5 \$4		mograph
			19.10%	3.70%	392%		ics as Per
		000000000000000000000000000000000000000	1,29%	0.96%	2.75%	NH Asian	cent of To
		000000000000000000000000000000000000000	38.91%	55.77%	.41% 2.55% 3.92% 2.75% 48.52% 61.59% 55	Hispani	tal Popul
		200000000000000000000000000000000000000	63,94%	64.96%	61.59%	Minorit	ation
						7	
			546,1	535,35	557,489		Voting A
			to.	51	88		ge Papula
			77.4%	75.8%	79.0%		ST-OF
			39	39.	42		
		000000000000000000000000000000000000000	39.89% 1	.32% 1	28%		Racial De
		000000000000000000000000000000000000000	30%	.74%	57 8		mograph
		- 8	***		3,81%		ics as Perce
		000000000000000000000000000000000000000	1.37%	1.04%	2.86% 44.98% 57.72%	NH Asian	ent of Voti
		000000000000000000000000000000000000000	36.54%	51.54%	44.98%	Hispanic	ing Popula
		000000000000000000000000000000000000000	60.11%	60.68%	S7.72%	Minority	tion

NM_PlanA_Matrix_poli_formatted.xlsx 1-PopRaceAlone

23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	o (4 r	ω	2		Ц
	<±0%	10% 199%	20% - 29.9%	30% 349%	35% - 36 9%	40% 45.9%	45% - 48.9%	50% - 54.9%	55% 599%	60% - 64 9%	65% 69.9%	70%-799%	80% 89.9%	×90%			STATE TOTAL	68	8	001	DISTRICT	Þ
***	****	****	****	***	***	****	***	****	****	***	***	***	***	***	****	****	****					В
																	2,117,522	705,837	705,840	705,845	POPTOT	ဂ
																	100.00%	100.00%	100.00%	100.00%	Percention	D
																	1,078,937	338,746	365,796	374,395	POPWH_A	Е
	0	0	0	0	0	0	1	2	0	0	0	0	0	0			50.95%	47.99%	51.82%	53.04%	Percentar POPWH_A PROMIN_A POPBL_A PI	F
																	45,904	10,413	14,021	21,470	POPBL_A	G
	သ	0	0	0	0	0	0	0	0	0	0	0	0	0			2.17%	1.48%	1.99%	3.04%	3	ェ
																	212,241	143,273	33,534		BL A POPNA A	_
	2	0	1	0	0	0	0	0	0	0	0	0	0	0			10.02%	20.30%	4.75%	5.02%	PPoplus A	ے
																	37,469	9,712	7,340	20,417	_E PHA A POPAS_A PPOPAS_A POPPI_A	~
	သ	0	0	0	0	0	0	0	0	0	0	0	0	0			1.77%	1.38%	1.04%	2.89%	Popas A	_
																	2,093	608	652	ω		×
	3	0	0	0	0	0	0	0	0	0	0	0	0	0			0.10%	0.09%	0.09%	0.12%	PopPi A F	z
																	318,632	82,999	130,002	105,631	OPOT_A	0
	0	3	0	0	0	0	0	0	0	0	0	0	0	0			15.05%	11.76%	18.42%	14.97%	PROPER A POPOT_A PROPOT_A POPXX	₽
																	422,246	120,086	154,495	Š		Q
	0		2	0	0	0	0	0	0	0	0	0	0	0			19.94%	17.01%	21.89%	20.92%	*ZpiusRace	æ
																	1,038,585	367,091	340,044	331,450	PZplusRace PopNonW I	S
	0	0	0	0	0	0	2		0	0	0	0	0	0			49.05%	52.01%	48.18%	46.96%	PropNonV	T

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-																					
ı	705,845	705,840	705,837	2,117,522																	
-	100.00%	100.00%	100.00%	100.00%																	
П	271,140	247,317	254,495	772,952																	
	100.00% 271,140 38.41% 17,983 2.55%	35.04%	36.06%	36.50%																	
G	% 17,98	% 11,497	% 8,850	% 38,330			0	0	0	0	0	0	0	0	0	ယ	0	0	0	0	
-	13 2.55	97 1.63%	50 1.25%	30 1.81%																	
-	%] 27, 6 98	36,129 36,129	134,783	% 188,610			0	0	0	0	0	0	0	0	0	0	0	0	0	3	
-	3.92%	29 3.70%	19.10%	10 8.91%																	
7	3.92% 19,377 2.75%	% 6,754	% 9,130	% 35,261			0	0	0	0	0	0	0	0	0	0	0	0	1	2	
	7 2.75%	4 0.96%	1.29%	1.67%																	
W	% 580	% 446	% 425	% 1,451			0	0	0	0	0	0	0	0	0	0	0	0	0	3	
Z	0.08%		0.06%	0.07%						0	0		0	0	0	0	0		0	3	
	3,696	3,350	3,294	10,340																	
_	0.08% 3,696 0.52% 342,484 48.52% 22,887 3.24% 434,705 61.59%	0.47%	0.47%	0.49%			0	0	0	0	0	0	0	0	0	0	0	0	0	3	
¢	342,484	393,658	274,669	1,010,811																	
,	48.52%	55.77%	38.91%	47.74%			0	0	0	0	0	_	0	1	0	1	0	0	0	0	
ļ	22,887	16,689	20,191	59,767																	
_	3.24%	2.36%	2.86%	2.82%			0	0	0	0	0	0	0	0	0	0	0	0	0	s	
c	434,705	458,523	451,342	1,344,570																	
<	61.59	64.96%	63.94%	63.50%																	

23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	œ	7	တ	Ŋ	4	ယ	2	1	
	<10%	30% - 19.9%	20% 25.9%	30% - 34 8%	35% - 39 9%	40% 459%	45% - 48 8%	50% - 54 9%	55% 599%	50% - 64 9%	55% - 69 9%	70% 75.9%	50% - 69 B%	× 90%			STATETOTAL		003	902	80.3	DISTRICT	Α
			****																				В
																	2,117,522		705,837	705,840	705,845	POPTOT	С
																	120.82%		117.81%	122.60%	122.03%	Percentual	D
																	1,485,973		453,866	516,096	516,011	POPWH_C	т
					0)	(70.18%		64.30%	73.12%	73.11%	PPOPMH C	F
	0	0	0	0	0	0	0	0	0		0	2	0	0			68,409				6 31,349	Percent of POPWH_C PROPER_C POPEL_C PR	G
	3	0	0	0	0	0	0	0	0	0	0	0	0	0			3.23%		2.36%	2.89%	4.44%	PPOPER C	I
																	263,615				53,876	POPNA_C	_
	2	0	_	0	0	0	0	0	0	0	0	0	0	0			12.45%		22.87%	6.85%	7.63%	OPER C POPNA_C PROPRIA C POPAS_C	د
																	55,997		14,959	11,691	29,347	OPAS_C P	~
	3	0	0	0	0	0	0	0	0	0	0	0	0	0			2.64%		2.12%	1.66%		W.	_
																	6,012				2,347	POPPI_C	×
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			0.28%		0.27%	0.25%	0.33%	PopPl C F	z
																	678,288		182,747	267,123	228,418	DAS C POPPIC PROPRIC POPOIC PR	0
	0	0	_	_	_	0	0	0	0	0	0	0	0	0			32.03%		25.89%	37.84%			ס
																	631,549		251,971	189,744	189,834	pOT C PopNonW PP	Q
	0	0	2	0	_	0	0	0	0	0	0	0	0	0			29.82%		35.70%	26.88%	26.89%	Munydodd	IJ

NM_PlanA_Matrix_poli_formatted.xlsx 2A-PopNHRace_Combo

	ž	5	3	19	ō	20	17	16	15	14	3	12	11	10	9	œ	7	တ	Ö	4	ω	2	_	Γ
	200	10 KM - 12 U.S		30% - 34.99	24.0	400 CO	40% 45.99	45% 49.99	50% - 54.8°	95% ×59.99	50% 849	18 88 · WSE	56.62 - MOZ	55.68 % QS	V 90%			STATETO		202	2002	001	DISTRICT	Į
																		2						o
																		2,117,522		705,837	705,840	705,8	POPTOT	(
																				37 103	340 102	345 103		,
																		103.01%		.05%	.51%	.47%	POP	L
																		827,854		272,949	262,964	291,941	PERSONAL POPNHWH_C PROPE	_
	0	c		0	7	J	_	0	0	0	0	0	0	0	0			39.10%				41.36%	2 HASHADOGE	-
																		51,565		12,892	14,962	23,711	POPNHBL_C	٥
_	2	_	,	0	-	0	0	0	0	0	0	0	0	0	0			2.44%		1.83%	2.12%		8	
																		214,685		144,527	33,771	36,387	NAME O POPNHNA_C	-
	0			0		0	0	0	0	0	0	0	0	0	0			10.14%		20.48%	4.78%	5.16%	PPODMINA C	٠
																		48,249		13,028	9,632	25,589	POPNHAS_C PROT	7
	0	0	,	0	c	0	0	0	0	0	0	0	0	0	0			2.28%		1.85%	1.36%		1400	,
																		4,059		1,326	1,152	1,581	POPNHPIC PRO	101
	0	c	,	0	c	0	0	0	0	0	0	0	0	0	0			0.19%		0.19%	0.16%	0.22%	PPOPMAPO CT	2
																		24,047		7,989	7,432	8,626	POPNHOT_C	C
	5	c	,	0		0	0	0	0	0	0	0	0	0	0			1.14%		1.13%	1.05%	1.22%	POPHISP COPINED TO POPHISP	_
		_					_											1,010,811	_	274,669	393,658	342,484	POPHISP	٤
		_		_			_		(0	-	-	-			47.74%		38.91%	55.77%	48.52%	PPOPHIND	7
		_		_			_	ĺ		ĺ								6 1,289,668		6 432,888	6 442,876	6 413,904	Mushings muchica daylocad	,
																		8 60.90%		8 61.33%	62.74%	4 58.64%	Spapus	-

NM_PlanA_Matrix_poli_formatted.xlsx 3-PopRace_OMB

23	22	21	20	6	≅	17	16	15	14	<u>1</u> 3	12	11	1 0	9	8	7	၈	5	4	ω	2	_	
	10%	10%-189%	20% 25 9%	30% - 34.9%	35% 359%	40% - 45.9%	45% 45.9%	50% 549%	25% - 58 9%	50% - 64 5%	55% - 69 9%	70% 795%	20% - 39 9% 30 - 30 0	> 50%			STATE TOTAL		003	C02	001	DISTRICT	А
***	3000				*** 					**** 								9999		9866	3000		В
																	2,117,522		705,837	705,840	705,845	POPTOT PROMITED POPWH_A PROPERT & POPBL_W PROPERT W POPNA_W PROPERT W POPAS_W PP	ဂ
																	81.53%		84.42%	79.33%	80.83%	Percentifor F	D
																	1,078,937		338,746	365,796	374,395	OPWH_A	_
	0	0	0	0	0	0	1	2	0	0	0	0	0	0			50.95%		47.99%	51.82%	53.04%	PODWH A	ŋ
																	52,604		12,326	15,798	24,480	POPBL_W	ဝ
	3	0	0	0	0	0	0	0	0	0	0	0	0	0			2.48%		1.75%	2.24%	3.47%	A 18dodd	Ξ
																	221,438		146,786	35,759	38,893	POPNA_W	_
	2	0	1	0	0	0	0	0	0	0	0	0	0	0			10.46%		20.80%	5.07%	5.51%	PPCHRIA W	د
																	40,821		10,682	8,263	21,876	POPAS_W	Σ.
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			1.93%		1.51%	1.17%			
																	3,641		1,126	1,138	1,377	OPPLW #	×
	ဒ	0	0	0	0	0	0	0	0	0	0	0	0	0			0.17%		0.16%	0.16%	0.20%	A ladoa	z
																	328,890		86,228	133,175	109,487	POPOT_W	0
	0	3	0	0	0	0	0	0	0	0	0	0	0	0			15.53%		12.22%	18.87%	15.51%	DAS W POPPLW PROPPLW POPOT W PROPOT W POPMONW PROPHENW	ס
																	1,038,585		367,091	340,044	331,450	PopNonW	Ø
	0	0	0	0	0	0	2		0	0	0	0	0	0			49.05%		52.01%	48.18%	46.96%	PPopMonW	χ,

×	8	왕	Š	3	8	85	509	ij,	603	8	7 9	80	ě		S		003	002	8	DIS	П
¥	¥666	**************************************	349	**************************************	46.95	49.9%	94.6%		64.9%		** 8.6±	-86 88×	*		JE TOTAL					DISTRICT	Α
***	***	-	****	***	***	_	**	***	***	***	***		***	***	***	***		****	-		В
															2,117,522		705,837	705,840	705,845	POPTOT	С
															97.65%		97.65%	97.94%	97.36%	entention i	D
															772,952		254,495	247,317	271,140	OPNHWH_A	Е
	0			w		0	0	0	0	0	0	0			36.50%		36.06%	35.04%	38.41%	PPOPULATION A	Ŧ
															41,577		9,989	12,124	19,464	M TRHNAGA	G
															1.96%		1.42%	1.72%	2.769	M TEHNORGE	н
ω.	0	0	0	0	0	0	0	0	0	0	0	0	0		6 191,540		6 135,977	6 26,612	6 28,95	POPULATION POPULAWH_A PROMUNICAL POPULAR PROMUNIC W. POPULAN W PROMU	_
															0 9.05%		7 19.26%	2 3.77%	4.10%	/ PROMINENA!	J
2	_	0	0	0	0	0	0	0	0	0	0	0	0		5% 37,099		3% 9,729		20,172	NEKA W POPNHAS W PI	Σ.
																		7,198 1.0		1000	L
ω	0	0	0	0	0	0	0	0	0	0	0	0	0		1.75% 2,432		1.38%	1.02% 7	2.86% 9	AND THE POPULATION AND THE PROPERTY OF THE PRO	M
																	774 0.1	742 0.1			z
w	0	0	0	0	0	0	0	0	0	0	0	0	0		0.11% 1		0.11%	0.11%	0.13%	STATE OF POPULOT W PROGREGO W POPHISP PROPHISE POPULATION	0
															11,333		3,595	3,659	4,079	T W PROME	
ω	0	0	0	0	0	0	0	0	0	0	0	0	0		0.54% 1		0.51%	0.52%	0.58%	HOT W PC	Р
															1,010,811		274,669	393,658	342,484	JPHISP PR	Q
0	0	0	0	_	0	1	0	_	0	0	0	0	0		47.74%		38.91%	55.77%	48.52%	SpHisp Po	Z)
															1,344,570		451,342	458,523	434,705		S
0	0	0	0	0	0	0	0	0	ω	0	0	0	0		63.50%		63.94%	64.96%	61.59%	PPaphwaw	T

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NM_PlanA_Matrix_poli_formatted.xlsx 4-VAPRaceAlone

23	22	21	20	19	18	17	16	15 数	14	3	12	1	10	9	œ	7	တ	വ	4	ω	2	_	
	<109g	10% - 18 9%	20% - 29.9%	30% - 345%	%6 GC - %5C	41% - 45 9%	8	8	960.69 - 9698	8	946.89 %99	70% - 79 9%	0%	%08°			STATE TOTAL		903	002 2002	001	DISTRICT	₽
]	α
																	1,638,989		546,149	535,351	557,489	VAPTOT	C
																	100.00%		100.00%	100.00%	100.00%	Percent Tos	c
																	876,177		277,378	289,666	309,133	POWERTON VAPWH_A PUR	П
																	53.46%		50.79%	54.11%	55.45%	PWAPWH	-
	0	0	0	0	0	0	0	2	_	0	0	0	0	0			% 34,444		% 7,829	% 10,503	% 16,112	PWH A VAPBL A	G
	ω	-	0	0	0	0	0	0	0	0	0	0	0	0			4 2.10%		9 1.43%	3 1.96%		7	
)							,			153,063		102,237	24,305	26,521	学程に 本 VAPNA_A 世	-
	2	1	0	0	0	0	0	0	0	0	0	0	0	0			9.34%		18.72%	4.54%	4.76%	APNA A	٠
																	30,378		7,849	5,928	16,601	VAPAS_A	7
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			1.85%		1.44%	1.11%	2.98%	PVAPAS A	-
																	1,610		466	493	651	VAPPI_A	M
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			0.10%		0.09%	0.09%	0.12%	y ledging	Z
																	237,491		63,095	94,016	80,380	VAPOT_A	C
	0	з	0	0	0	0	0	0	0	0	0	0	0	0			14.49%		11.55%	17.56%	14.42%	APPLA VAPOTA PVAPOTA VAPXX	7
																	305,826		87,295	110,440	2		ı
	0	2	_	0	0	0	0	0	0	0	0	0	0	0			18.66%		15.98%	20.63%	19.39%	PVAPXX PopNonV	7
																	762,812		268,771	245,685	248,356	# Addressed	o
	0	0	0	_	0	_		0	0		0		0	0			46.54%		49.21%	45.89%	44.55%	PPopNonW	-

კ <u>ა</u>	3 33	29	28	27	26	25	24	23	22	21	20	19 ভ	18	17.4	16	15 86	14	13	12 6	=	10	9	8	7	<u>ග</u>	4 ro	د د	2	_	F
									1 0%	9%-199	9% 29.99	08-34-93	900 - 3099 1000 - 3009	0%-45.99	%6.6tr-19.6t	0%-54.99	59.00	0% 54.99	5 W - 50 5 W	0% 79.6%	9%-89-96	90%			STATE TO	Š	002	961	DISTRICT	,
										*					*						2				*		**			,
																									1,638	546	536	557	VAPT	ı
+																									,638,989 1	545,149	,351	,489 1	OT MARK	
																									100.00%	100.00%	00.00%	00.00%	OREGOE V	ŀ
																									664	217	210	235	APNHWE	١
																									664,062	217,854	,477	557,489 100,00% 235,731 42,28% 14,347 2.57% 21,214 3.81% 15,961 2.66% 482	A 77.00	
																									40.52%	39.89%	39.32	42.28	2012	
									0	0	0	0	2	_	0	0	0	0	0	0	0	0			2%	8	2%	8%	VAPN	
																									30,778	,100	9,331	14,347	HBL_A	
																													PARKE	
									w	0	0	0	0	0	0	0		0	0	0	0	0			1.88%	1.30%	1.74%	2.57%	B1 * <	
																									137,360	9/,	19	21,	APNHNA	
																									360	97,018	130	214	A PVA	
																									8.38%	17.70%	3.57	3.81	NHUA	
									2	_	0	0	0	0	0	0	0	0	0	0	0	0			%	8	8 8	8	M VAPNI	ŀ
																									28,989	1,412	5,556	15,961	AS_A	ļ
																													HANDRA	
+									ω	0		0			0	0	0		0	0		0			1.77%	1.37%	1.04%	2.86%	5 A VA	
																									1,199	34	369	48	PNHP	
t																									9	ά	9 60	2	PARKE	
									w	0		0	0		0	0	0	0	0	0		0			0.07%	U.Ua%	0.07%	0.09%	7	
																													VAPNHO	
+																									7,925	2,504	2,453	2,908	_A 👺	
																									0.48%	U.4/%	0.46%	0.5	NO.	
									ω	0	0	0	0	0	0	0	0	0	0	0	0	0						2% 25	VAP	
+																									726,764	200,002	275,908	0.09% 2,908 0.52% 250,761 44.98% 16,085 2.89% 321,758 57.72%	HSP #	
									0	0	0	0	_	L	0	_	0	0	0	0	0	0			44.34%	30.04%	51.54%	44.98%	APH NO	
			Ţ																						41,912	13,700		16,085	VAPNHX	
+																									112	ò	127	185	CX POLICE	-
									w	0		0	0	0	0	0	0	0	0	0		0			2.56%	2.51%	2.27%	2.89%	XX.148	
																									974,927	320,293	324,874	321,75	#HOWEDE.	
		H																										58	State A	-
								L	0	0	l	0	٥	L	0	0	_	2	0	0		0			59.48%	o∪.11%	60.68%	57.72%	Morrow	l

23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	ဝ	ъ	4	3	2	_	
	:10% 	%6.61-%01	20% 29.9%	30% - 34 9%	356 65 %	40% 45.9%	%8 BF - %SF	50% - 54.9%	55% 59 9%	98.8 PO 1800	55% - 69 9%	70% 799%	%8 BB - \$08	×90%		TWICH BLWIS		500	202	001	DISTRICT	Α
																						В
																1,638,989		546,149	535,351	557,489	VAPTOT	CDE
																119.36%			121.22%	120.25%	Parters Tot	D
																1,172,164		361,534	397,335	413,295	VAPWH_C	Е
	0	0	0	0	0	0	0	0	0	0	_	2	0	0		71.52%		66.20%	74.22%	74.14%	AN D TRUTA O HANGEN	П
																46,422		11,135	13,745	21,542	VAPBL_C #	G
	₃	0	0	0	0	0	0	0	0	0	0	0	0	0		2.83%		2.04%				
																188,477		114,229	34,946	39,302	FELC VAPNA_C	-
	2	0	_	0	0	0	0	0	0	0	0	0	0	0		11.50%		20.92%	6.53%			٦
																41,222		10,809	8,587	21,826	AG O SVADAS O WHAT	χ.
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0		2.52%		1.98%	1.60%		8	L
																4,204		1,323	1,258	1,623	AS C VAPPI_C PAYAPPE C VAPOT_C	Ν
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0		0.26%		0.24%	0.23%	0.29%	A 3 Iddt	z
																503,802		137,930	193,107	172,765	APOT_C #	0
	0	0	_			0	0	0	0	0	0	0	0	0		30.74%		25.26%	36.07%	30.99%	VAPOT C F	Р
																466,825		184,615	138,016	144,194	POT C PopNonW PPop	Q
	0	0	2	_	0	0	0	0	0	0	0	0	0	0		28.48%		33.80%	25.78%	25.86%	PopMonW	IJ

NM_PlanA_Matrix_poli_formatted.xlsx 5A-VAPNHRace_Combo

23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	00	7	တ	S	4	ω	2		П
	× 60%	10%	20%	30%	35%	40%	980 080	50%a	65% • 66	80%	95%	70% -	30%	× 90%			ÿş ≱		003	202	0g1	DISTRICT	
		9 9 9 9	%e 8%	34 8%	9 19 19	45.9%	48.8%	54 9%	988	84 986 84 148	88.88	36 150 260 260 260 260 260 260 260 260 260 26	%e 88				TO PA					ã	⊳
	***		***	*** 		 	***	**	***	*** 	***	***	***	***	***	***		**			***		H
L																							В
l																	1,638,989		546,149	535,351	557,489	VAPTOT	ဂ
H																	989		149	351	189	٦ •	Н
l																	102.71%		102.66%	102.40%	9 103.06%	000000	o
Г																	0,		0,	0,	0.		П
l																	702,769		230,469	221,849	250,45	APNHWH_C	т
H																	39		8	9	27	0 88 K	H
l																	42		42	41	44	200	п
L	0	0	0	0	0	ω	0	0	0	0	0	0	0	0			42.88%		42.20%	41.44%	44.92%	**************************************	Ц
l																	ယ္			<u> </u>		VAPNHBL_C	ഒ
L																	38,615		9,391	11,398	17,826	ر م	Ц
l																						- 8	
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			2.36%		1.72%	2.13%	3.20%	8	
l																						PRINKE O VAPNHNA_C P	
																	156,344		103,697	25,062	27,585	NA O	
																						Ř	
l																	9.54%		18.99%	4.68%	4.95	3,476.68	۲
H	2		0	0	0	0	0	0	0	0	0	0	0	0			%		%	%	%	₩ VAP	Н
l																	37,072		9,760	7,403	19,909	VAPNHAS_C	χ.
H																	72		60	3	9	О 188	Н
l																	2		_		çω	HARE	_
L	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			2.26%		1.79%	1.38%		TAS C <	Ц
l																	ω				_	APNHPI_C BYAR	Z
H								L									3,067		966	902	1,199	_C #9	Н
l																			_			APNH	z
L	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			0.19%		0.18%	0.17%	.22%	** **	Ц
l																	_					APNHC	0
L																	18,753		6,277	5,662	6,814	,ĭ_c ₩	
l																						Š	T
l	ω	0	0	٥	0	0	0	0	۰			0	0	0			1.14%		1.15%	1.06%	1.22%	0	
																					250	VAPH	Ω
F							Н	L									726,764		200,095	275,908	,761	SP 🎉	Н
								ĺ									44.34%		36.64%	51.54%	44.98	SEP	IJ
F	0	0	0	0		-	0	1	0	0	0	0	0	0							% 31	MAPLIC VAPNHOT_C PURPHINDT_E VAPHISP PRIMPHED PRIMITE PROPHERS	H
L																	936,220		315,680	313,502	17,038	9	S
																	57.		57.	58.	55.	Propt	ļ
L	0	٥	0	l	0		0	0	u	o	٥	l	0				57.12%		57.80%	58.56%	55.08%	9	

NM_PlanA_Matrix_poli_formatted.xlsx 6-VAPRace_OMB

23	22	21	20	19	18	17	16	15	14	13	12	11	10	ဖ	8	7	ე	4	ω	2	1	
	^10%	10% - 19.9%	20% 29.9%	30% - 349%	35% 399%	40% - 469%	45% 49.9%	50% 549%	55% - 559.9% - 599.9%	60% 649%	55% - 69 9%	70% 79.9%	90.00 - 86 74.09	× 9008 ×		77 77 C 24		003	002	001	DISTRICT	Α
																						В
																1,638,989		546,149	535,351	557,489	VAPTOT	C
																82.5/%		85.19%	80.43%	82.05%	Percentfor	D
																8/6,1//			289,666	309, 133	VAPWH_A	Е
																53.46%		50.79%	54.11%	55,45	PVAPWH J	F
	0	0	0	0	0	0	0	2	1	0	0	0	0	0		% 38,210		% 8,851	% 11,487	% 17,87	₩VAPBL_W	G
																2.33%		1 1.62%	7 2.15%	2 3.219	PAR SUTSE VAPWH A PVAPRH & VAPBL W PVAPRL W VAPNA W PVAPRA W VAPAS W	Н
	3	0	0	0	0	0	0	0	0	0	0	0	0	0		759,106		104,436	6 25,891	% 28,77s	WAPNA_W	_
	2		0	0	0		0	0	0				0	0		9./1%		19.12%	4.84%	5.16%	A Whdbad	ر
	2	_	0)		0)))	0	0	0				32,623		8,471	6,601	17,551	VAPAS_W	χ.
	3	0	0	0	0	0	0	0	0	0	0	0	0	0		1.99%		1.55%	1.23%	3.15%	PVAPAS W	L
																2,757		844	862	1,051	VAPPLW	Μ
	3	0	0	0	0	0	0	0	0	0	0	0	0	0		0.1/%	2	0.15%	0.16%	0.19%	PVAPPI W	z
																244,359		65,274	96,078	83,007	VAPOT_W	0
	0	3	0	0	0	0	0	0	0	0	0	0	0	0		14.91%		11.95%	17.95%	14.89%	PAS W VAPPIW FVAPPIW VAPOTW PVAPOTW POPNOWW PPOPNOW	Р
																/62,812	188 245			248,356	PopMonW 1	۵
	0	0	0	0	0	_	2	0	0	0	0	0	0	0		45.54%		49.21%	45.89%	44.55%	Muchada	IJ

NM_PlanA_Matrix_poli_formatted.xlsx 6A-VAPNHRace_OMB

23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	œ	7	თ თ	4	ω	2	_	
	į	19%	20%	Š	¥	å	45%	50%	550	ě	8	78 94	8	×00%			os M	8	8	ğ	DISTRICT	
		%6 BL	28 9%	4 10 8	160 O	45 B%	49.9%	54.9%	26 95 76 95	64 99 8	89 9%	28 B.V	% 56 68				o O				٩	Α
***	***	***	***	***	***	***	***	***	***		***	***	***	***	***	**	3 5 5555	***	 		***	В
																	1,638,989	546,149	535,351	557,489	VAPTOT	С
																				89 97.	Percentus	D
																	97.84%	97.90%	98.03%	97.61%		Н
																	664,062	217,854	210,477	235,731	VAPNHWH_A	Е
	0	0	0	0	2		0	0	0	0	0	0	0	0			40.52%	39.89%	39.32%	42.28%	PURPHRAIL A	F
	0				12		0)									32,783	7,754	9,759		W_TBHNAW	G
																	2.00%	1.42%	1.82%		AN TERHALISA	Н
	3	0	0	0	0	0	0	0	0	0	0	0	0	0			% 139,125	% 97,681	% 19,469		WAPNHNA_W	_
																	25 8.49%	17.89%	3.64%	5 3.94%	/ PRADRIBLE	J
	2	_	0	0	0	0	0	0	0	0	0	0	0	0			9% 30,273				W VAPNHAS W P	K
																		7,882 1	5,889 1		W BANGHHAR	L
	3	0	0	0	0	0	0	0	0	0	0	0	0	0			.85%	1.44%	1.10%	2.96%	VAPNHP	M
																	1,975	618	611	746	HPLW	
	3	0	0	0	0	0	0	0	0	0	0	0	0	0			0.12%	0.11%	0.11%	0.13%	An Laterador	z
																	8,676	2,798	2,677	3,201	WAPNHOT W PK	0
		_	_	_	_	_			_		_						0.53%	0.51%	0.50%		€	P
	3	0	0	0	0	0	0	0	0	0	0	0	0	0			% 726,764	% 200,095	% 275,908	6 250,761	WHOT WE VAPHISP PV	Q
	0	0	0	0	1	1	0	1	0	0	0	0	0	0			44.34%	36.64%	51.54%	44.98%	PVAPHISP	R
																	974,927	328,295	324,874	321,758	Water Awanded demand	S
		_						(_				59.48%	60.11%	60.68%	57.72%	Мыомааа	Т

NM_PlanA_Matrix_poli_formatted.xlsx Statewide Races

State Composite Score State Composite Score State Composite Score State State					45.94%	3,938,018	54.06%	4,634,645	45.92%	2,460,924	54.08%	2,897,722	Statewide
State Composite Score State Stat					41.64%	1,257,635	58.36%	1,762,287	41.05%	773,855	58.95%	1,111,232	w
Delta Composite Score Delta Composite Score Delta Composite Score Delta Composite Score Delta Delt					55.38%	1,356,896	44.62%	1,093,369	55.20%	843,016	44.80%	684,158	N
State Composite Score State Composite Score State Composite Score State Composite Score State Stat					42.66%	-	57.34%	1,778,989	0	ω	56.63%	1,102,332	μ
Colored Charles Char					CoAReps %	CaAReps	oADems %	CoADems C	Š	***	upDems %	SupDems S	DISTRICT
State Composite Score State Composite Score State Composite Score State Composite Score State Stat					ns)	All Election	rt of Appeals	Cou	ept 2014)	ections exc	Court (All El	Supreme	
State Composite Score Comp													
Color Colo	47.54%	236.715	52.46%	261.212	42.08%	286.758	57.92%	394.737	46.85%	326.201	53.15%	370.046	Statewide
Composite Composite Store	43.60%	78,874	56.40%	102,033	38.55%	92,519	61.45%	147,486	42.32%	105,996	57.68%	144,460	w
State Composite Score Comp	56.36%	79,012	43.64%	61,185	52.82%	102,282	47.18%	91,363	58.52%	112,813	41.48%	79,979	N
Composite Composite Score Rep % Carporate Score Rep % Carporate Score Rep % Carporate Score Rep % Re	44.58%	29	55.42%	97,994		91,957	62.90%	155,888	42.45%	107,392	57.55%	145,607)
State Composite Score Addicate Composite Compo	γpez %		ichenberg % L	Eichenberg E				Eichenberg E	∃Montoya %		Montoya %		DISTRICT
State Composite Score April 12 April 12 April 13 April 14 April 1			2014				2018				2022 (not		
Color Colo						rer	Treasu						
State Courty State Score Date D													
State Composite Score Heldical Composite Score Heldical Composite Score	43.59%	334,733	56.41%	433,227	39.20%	257,309	60.80%	399,111	43.89%	300,732	56.11%	384,477	Statewide
State Composite Score State Sc	40.46%	108,419	59.54%	159,524	35.34%	81,598	64.66%	149,280	40.08%	98,373	59.92%	147,099	ω
State Composite Score Stat	54.07%	119,712	45.93%	101,677	50.31%	92,920	49.69%	91,767	57.16%	107,756	42.84%	80,745	N
State Composite Score	38.26%	106,602	61.74%	172,026	34.37%	82,791	65.63%	158,064	37.66%	94,603	62.34%	156,633	,
State Composite Score Stat	% ezouids	:Spinoza E:	_) is a like	Clarkson %	Clarkson	#ver %	Oliver C		Irujillo) HANIO	DISTRICT
State Composite Score			2016			index)	2018 (not in			in index)	2022 (not		
State Composite Score Stat		_				fState	Secretary o				_	_	
State Composite Score Stat	57.22%	293,466	42.78%	219,3/5	42.80%	298,051	57.20%	398,378	46.73%	324,665	53.27%	3/0,146	Statewide
State Composite Score Stat	52.51%	97,943	47.49%	88,574	38.49%	94,407	61.51%	150,857	41.91%	104,533	58.09%	144,907	w
State Composite Score	65.39%	94,972	34.61%	50,262	53.31%	105,138	46.69%	92,077	58.85%	111,941	41.15%	78,281	N
State Composite Score Indicate Composite Co	55.53%	100,551	44.47%	80,539		98,506	61.21%			108,191	57.60%	146,958	فسو
State Composite Score Judicial Composite Score Rep R	artinez %	Aartinez M							****		irisham %	Grisham C	DISTRICT
State Composite Score State Composite Composite Score State Composite Score State Composite Composite Score State Composite Composite Composite Composite Composite Score State Composite Co			2014				2018			in index)	2022 (not		
State Composite Score State Composite Score State Composite Score State State						or	Govern						
State Composite Score State Stat													
State Composite Score Stat	44.71%	335,829	55.29%	415,356	45.35%	319,667	54.65%	385,236	44.48%	401,883	55.52%	501,599	Statewide
State Composite Score	39.81%	104,175	60.19%	157,475	41.24%	101,710	58.76%	144,930	40.94%	129,458	59.06%	186,776	wι
State Composite Score	53 77%	117 383	76.53%	100 921	55 77%	115 /07	7/2 7.2%	91 533	56 28%	1/16 3/10	13 77%	113 6/15	3 1
State Composite Score	42 13%	114 271	57.87%		<u> </u>	102 550	59 20%	148 773	38 5 3%	126 115	61 47%	201 178	_ 0
State Composite Score	TODOY OF	Pomnav R	Mana % Enset				indea of	Clinton	e man	To long	nden ok	Dia po	
State Composite Score Highest Composite Score Rep Rep 7/4 Rep			9013			15	2016			5	20.5		
State Composite Score Highest Composite Score Get Rep 7/2 Rep		_		_	_	57	Procide				_		
State Composite Score Highest Composite Score Feb Rep 7/4 Per Rep 7/4 5,179,773 57.42% 3,840,362 42.58% 2,881,321 57.07% 2,167,540 57.07% 2,167,540 57.07% 2,167,540 57.07% 2,199,912 57.51,978 58.46% 3,660,128 41.54% 2,873,519 58.58% 2,031,490 58.59% 2,031,490 57.532,367 54.07% 6,398,942 58.98% 6,398,942 57.532,367 54.07% 6,398,942 57.532,367 54.07% 6,398,942 57.532,367 54.07% 6,398,942 57.532,367 54.07% 6,398,942 57.532,367 54.07% 6,398,942 57.532,367 54.07% 6,398,942 57.532,367 54.07% 6,398,942 57.532,367 54.07% 6,398,942 57.532,367 54.07% 6,398,942 57.532,367 54.07% 6,398,942 57.532,367 54.07% 6,398,942 57.532,367 54.07% 6,398,942 57.532,367 54.07% 6,398,942 57.532,367 54.07% 6,398,942 <td< td=""><td></td><td></td><td></td><td></td><td></td><td> </td><td></td><td>,</td><td></td><td>,</td><td></td><td>,</td><td></td></td<>								,		,		,	
State Composite Score Highest Composite Score Bett Rep Rep % Lem % Pep % Rep % 5,179,773 57.42% 3,840,362 42.58% 2,881,321 57.07% 2,167,540 3,174,650 44.59% 3,945,050 55.41% 1,777,527 44.69% 2,199,912 5,151,978 58.46% 3,660,128 41.54% 2,873,519 58.58% 2,031,490					45.93%	6,398,942	54.07%	7,532,367	45.87%	11,445,540	54.13%	13,506,401	Statewide
State Composite Score					41.42%	2,031,490	58.58%	2,873,519	41.54%	3,660,128	58.46%	5,151,978	w
State Composite Score Helical Composite Score Ben % Rep % Rep % 5,179,773 57.42% 3,840,362 42.58% 2,881,321 57.07% 2,167,540					55.31%	2,199,912	44.69%	1,777,527	55.41%	3,945,050	44.59%	3,174,650	N
State Composite Score Judicial Composite Score Dem % Rep % Dem % Rep R					- 3	2,167,540	57.07%	2,881,321	42.58%	3,840,362	57.42%	5,179,773	,
but					8 5 8	æ e	6		사항 1980 %	é	6 3 8	6	DISTRICT
						osite Score	udicial Compo			osite Score	State Comp		

NM_PlanA_Matrix_poli_formatted.xlsx Statewide Races

				50.07%	250,016	49.93%	249,347	45.77%	297,379	54.23%	352,335	45.02%	310,815	54.98%	379,566
				44.34%	80,368	55.66%	100,866	41.69%	95,435	58.31%	133,501	40.27%	100,321	59.73%	148,786
				59.56%	84,176	40.44%	57,149	55.23%	101,529	44.77%	82,290	57.21%	108,151	42.79%	80,882
				48.34%	~	51.66%	91,332	38%	115	57.62%	136,544	57%	102,343	59.43%	149,898
				Dunn %		owell % I	Powell Powell % Dunn	Lyons %		Richard Richard % Lyons	Richard F		Richard Richard % Byrd Byrd %	ichard % B	Richard F
					4	2014				20			2022 (not in index)	2022 (not	
									ımissoner	Land Commissoner					
45.75%	228,038	54.25% 228,038	270,392	42.44%	291,714	57.56%	395,708	38.06%	245,696	61.94%	399,774	51.64%	262,138	48.36%	245,521
42.07%	76,185	57.93%	104,904	38.52%	93,182	61.48%	148,744	34.01%	79,972	65.99%	155,200	48.49%	89,237	51.51%	94,788
55.18%	77,599	44.82%	63,018	52.04%	101,368	47.96%	93,417	49.36%	86,892	50.64%	89,163	62.15%	88,908	37.85%	54,135
42.02%	74,254	57.98%	102,470	38.76%	97,164	61.24%	153,547	33.65%	78,832	66.35%	155,411	46.51%	83,993	53.49%	96,598
ragon %	ragon A	Johnson % Keller Keller % Aragon Aragon %	Xeller	Anson %	Johnson Jc	olon %	Colon Golon % Johnson		_	Maestas Maestas % Sanchez	Maestas h			Oliver % Duran	Cliver (
		2014			000	2018	3		ုင	2022 (not in index)				20	
						Auditor							secretary or state	Secretar	
													_		
				41.73%	211,309	58.27%	295,010	35.11%	231,326	64.89%	427,550	44.69%	313,999	55.31%	388,542
				36.53%	67,191	63.47%	116,718	31.60%	73,420	68.40%	158,938	40.32%	101,734	59.68%	150,575
				51.89%	74,121	48.11%	68,710	46.12%	85,692	53.88%	100,095	56.74%	110,116	43.26%	83,971
				38.98%	69,997	61.02%	109,582	30.00%	72,214	70.00%	168,517	.88%	102,149	60.12%	153,996
				Riedel %		alderas %	Balderas Balderas % Riedel		fendricks i	Balderas Balderas % Hendricks Hendricks %	Balderas E	Gay %	yay G	Torrez % Gay	Torrez T
					4	2014			in index)	2018 (not in index)			2022 (not in index)	2022 (not	
									General	Attorney General					
47.03%	351,316	52.97% 351,316	395,722	44.44%	229,106	55.56%	286,417	36.08%	212,777	63.92%	377,003	46.87%	418,480	53.13%	474,462
43.62%	113,212	56.38% 113,212	146,355	38.36%	72,002	61.64%	115,684	31.73%	65,907	68.27%	141,810	42.84%	134,321	57.16%	179,244
53.68%	114,299	46.32% 114,299	98,621	53.30%	77,367	46.70%	67,776	47.06%	79,477	52.94%	89,411	57.10%	145,555	42.90%	109,344
45.09%	123,805	54.91% 123,805	150,746	55%	737	35%	957	31.61%	67,393	68.39%	145,782	42.72%	138,604		74
/ilson %	Wison V	Heinrich Heinrich % Wilson Wilson %	Неиппсћ Н	Weh %	Weh W	\ ₩ IIEDU	n llepn	₹ich %	Rich F	Heinrich Heinrich % Rich Rich %	Неиписћ +	anchetti %	Ronchetti Ronchetti %	Lugan % R	1 uelną
	•	2012			4	2014			in index)	2018 (not in index)			2020	20	
							ë	US Senate							
			$\left \right $												

Contest Contest Contest Contest	44.49%	328,760	55.51%	410,187	45.19%	338,103	54.81%	410,023	Statewide
Contest Contest Contest Contest	40.00%	102,462	60.00%	153,720	39.79%	103,027	60.21%	155,924	w
Contest Cont	51.28%	110,094	48.72%	104,604	51.49%	111,653	48.51%	105,182	N
Contest Contest Contest Contest	43.35%	116,204	56.65%	151,863	45.32%	123,423	54.68%	148,917	₩
Contest Cont	Hanisee %	Hanisee I	Zamora %	Zamora	Kennedy %	(ennedy	/gg#12 % - F	Vigiti2	DISTRICT
Contest 1 Contest 2		¥1	Contes			ntest 1	Co		
Contest 1 Contest 2	J	als (2012	Sourt of Appe		(2)	Court (20	Supreme		
Contest Contest Contest					50.90%	246,861	49.10%	238,131	Statewide
Contest Contest Contest					45.47%	80,087	54.53%	96,027	3
Contest Cont					58.30%	80,273	41.70%	57,416	N
Contest Cont					50.53%	86,501	49.47%	84,688	⊷
Contest Cont					Hanisee %	fanisee	(leman % l	Kiernan I	DISTRICT
Contest 1 Contest 2 Contest 2						ntest 1	Co		
Contest 1 Contest 2 Contest 2					14)	ppeals (20	Court of A		
Contest Cont	47.52%	357,837	52.48%	395,227	52.00%	396,303	48.00%	365,790	Statewide
Contest Cont	43.10%	112,883	56.90%	149,016	45.57%	120,917	54.43%	144,435	w
Contest Cont	54.12%	118,184	45.88%	100,200	55.91%	122,973	44.09%	96,971	N
Contest 1 Contest 2	46.47%)[53.53%	146,011	,	152,413	44.94%	124,384	¥
Contest 1 Contest 2 Contest 2	French %	****	% sebien	sebieA		dakamura	1 % (t <u>D</u> i)	, jidin	DISTRICT
Contest 1 Contest 2		št1	Contes			ntest 1	Co		
Contest 1 Contest 2 Contest 2		als (2016	Court of Appe	6-	(6)	Court (20	Supreme	_	
Contest 1 Contest 2	45.42%	308,146	54.58%	370,314	40.83%	278,502	59.17%	403,573	Statewide
Contest 1 Contest 2 Contest 2	41.27%	98,402	58.73%	140,054	35.90%	86,112	64.10%	153,752	w
Contest 1 Contest 2 Contest 2	53.92%	104,020	46.08%	88,913	50.86%	98,535	49.14%	95,194	N
Contest 1 Contest 2	42.79%		57.21%	141,347	37.77%	93,855	62.23%	154,627	₩
Contest 1 Contest 2	French %	****	Bogardus %	Bogardus	Olingman %	Mingman	/igil18 % (Vigil (8	DISTRICT
Contest 1 Contest 2		"	Contes			ntest 1	ဒ		
Contest 1 Contest 2 Vargas, Vargas, Montbya Montbya Zamora Morris Morris Montoya 144,113 57.06% 108,443 42.94% 147,496 58.40% 105,065 79,424 41.24% 113,167 58.76% 81,251 42.26% 102,089 142,787 57.20% 106,840 42.80% 147,038 59.02% 102,089 366,324 52.73% 328,450 47.27% 375,785 54.15% 318,184 566,324 52.73% 328,450 47.27% 375,785 54.15% 318,184 636,324 52.73% 328,450 47.27% 375,785 54.15% 318,184 74,27% 52.73% 328,450 47.27% 375,785 54.15% 318,184 806,324 52.73% 328,450 47.27% 375,785 54.15% 318,184 90,479 50,184 52.73% 328,450 47.27% 375,785 54.15% Montal 194,97	٦	eals (2018	ourt of Appe		8)	Court (20	Supreme		
Contest 1 Contest 2 Vargas Vargas Montbya Montbya Zamora Zamora Monts Monts <td>45.85%</td> <td>406,799</td> <td>54.15%</td> <td>480,479</td> <td>44.32%</td> <td>394,583</td> <td>55.68%</td> <td>495,748</td> <td>Statewide</td>	45.85%	406,799	54.15%	480,479	44.32%	394,583	55.68%	495,748	Statewide
Contest 1 Contest 2 Vargas Vargas % Montbya Montbya % Montbya % Tamora / Monts Zamora Zamora % Monts	41.64%	129,323	58.36%	181,272	40.29%	125,547	59.71%	186,024	w
Contest 1 Contest 2 Contest 2	56.47%	144,511	43.53%	111,387	55.16%	141,147	44.84%	114,749	N
Contest 1 Contest 2 Contest 2	41.45%	<u>57</u> §	58.55%	187,820	- 3	127,889			ļ.
Contest 1 Contest 2 Contest 2 Vargas Vargas % Montoya Montoya % Zamora % Morris Montoya 141,113 144,113 79,424 41,24% 113,167 58,76% 142,787 57,20% 106,840 42.80% 147,038 59,02% 105,065 111,030 142,787 142,787 57,20% 106,840 42.80% 147,038 59,02% 102,089 366,324 52,73% 328,450 Supreme Court (2020) Contest 1	Morris %	8	Epomson %	Thomson	Fuller	uller	Bacon %		DISTRICT
Confest 1 Confest 2 Confest 2 Confest 2 Vargas, Vargas, Montoya Montoya Wargas, 147,496 144,113 57.06% 108,443 42.94% 147,496 58.40% 105,065 79,424 113,167 58.76% 81,251 42.26% 111,030 142,787 57.20% 106,840 42.80% 147,038 59.02% 102,089 366,324 52.73% 328,450 Simpara Court 10000		Š	2	Sans (Fore)	ou pi cinic o	ntoet 1	3		
Contest 1 Contest 2 Contest 2 Vargas, Vargas, % Montoya Montoya Zamora Morris Morris Morris 144,113 57.06% 108,443 42.94% 147,496 58.40% 105,065 105,065 79,424 41.24% 113,167 58.76% 81,251 42.26% 110,030 142,787 57.20% 106,840 42.80% 147,038 59.02% 102,089 366,324 52.73% 328,450 47.27% 375,785 54.15% 318,184		_		эшrt (2020)	Supreme Co				
Contest 1 Contest 2 Contest 2 Vargas Vargas % Montoya Montoya % Zamora Zamora % Montos Montos 144,113 57.06% 108,443 42.94% 147,496 58.40% 105,065 79,424 41.24% 113,167 58.76% 81,251 42.26% 111,030 142,787 57.20% 106,840 42.80% 147,038 59.02% 102,089	45.85%	318,184	54.15%	375,785	47.27%	328,450	52.73%	366,324	Statewide
Contest Contest	40.98%	102,089	59.02%	147,038	42.80%	106,840	57.20%	142,787	w
Contest 1 Contest 2 Contest 2	57.74%	111,030	42.26%	81,251	58.76%	113,167	41.24%	79,424	N
Contest 1 Contest 2 Contest 1 Contest 2 Vaccuse Vaccus 94 Monthly Monthly 9 Zamorca Zamora 94 Monthly 1	41.60%	<u> </u>	58.40%	147,496	**	108,443	57.06%	144,113	1
Subjettie Court (2022)	Vorne &	Ä	Zamora %	Zamora		dontova	Jaroas % 1	Varnas I	
		.		Jul 1 (2022)	oubieilie		2		

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45.50%	306,814	54.50%	367,522	42.21%	57.79% 285,554	57.79%	390,971	42.19%	285,681	57.81%	391,429
41.91%	99,524	58.09%	137,922	37.47%	89,159	62.53%	148,758	37.29%	88,839	62.71%	149,418
54.35%	104,515	45.65%	87,784	51.98%	48.02% 100,173	48.02%	92,543	51.30%	98,800	48.70%	93,802
42.02%	102,775	57.98%	141,816	39.13%	96,222	60.87%	149,670	39.81%	98,042	60.19%	148,209
Gallegos %	Gallegos	Duffy %	Duffy	Kiehne %	Kiehne	Medina Medina % Bohnhoff Bohnhoff % Zamora Zamora Kiehne Kiehne % Duffy Duffy % Gallegos %	Zamora	Bohmhoff %	Bohnhoff	Medina %	Medina
	2St 4	Contest 4			3	Contest 3			Contest 2	Con	
) 	als (2018	Court of Appeals (2018)					
48.16%	424,149	51.84%	456,615	45.14%	54.86% 370,770	54.86%	450,547	47.51%	419,927	52.49%	464,012
44.86%	138,334	55.14%	170,049	40.96%	59.04% 117,772	59.04%	169,739	44.19%	136,797	55.81%	172,789
58.63%	149,193	41.37%	105,265	55.80%	44.20% 132,397	44.20%	104,854	58.07%	148,176		107,004
42.97%	136,622	57.03%	181,301	% :		59.33%	175,954	42.28%	134,954	57.72%	184,219
Montoya %	Montoya	Yohalem Yohalem % Montoya Montoya %	Yohalem	Lee %		ves lves % Johnson Johnson % Henderson Henderson % Lee	Henderson	Johnson %	Johnson	γ ε ς %	lves
	st3	Contest 3			2	Contest 2			Contest 1	Con	
				=	als (2020	Court of Appeals (2020)					
				45.89%	54.11% 297,028	54.11%	350,169	46.72%	306,491	53.28%	349,521
				41.03%	95,213	58.97%	136,831	41.57%	98,163	58.43%	137,964
				57.72%	42.28% 103,647	42.28%	75,914	58.86%	107,424	41.14%	75,070
				41.67%	8	58.33%	137,424	42.51%	100,904	57.49%	136,487
				Lee %		Baca Baca % Johnson Johnson % Wray Wray % Lee	Way	Johnson %	Johnson	Baca %	Baca
					N	Contest 2			Contest 1	Con	
							Court of Appeals (2022)	Court of A			
				WWW. Commonweal	WWW. Common or the Common or t	**************************************		Marie Control of the	CONTRACTOR OF THE PARTY OF THE	WWW. Common or the common of t	MANAGEMENT OF THE PARTY OF THE

Prepared by Election Data Services, Inc. -- 3:32 PM 8/23/2023

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0 46.2% 134,289 28.4% 120,244 25.4% 1 491,1% 132,125 27.8% 106,007 23.6% 1 441,2% 132,125 27.8% 109,428 23.1% 1 44.2% 132,125 27.8% 109,428 23.1% 1 44.2% 423,911 31.1% 335,679 24.6% 2 37.8% 136,373 28.9% 115,865 24.6% 2 37.8% 135,539 38.0% 98,823 24.2% 2 37.8% 130,649 27.8% 102,477 21.8% 3 45.2% 422,561 31.3% 39,823 24.2% 45.2% 130,649 27.8% 102,477 21.8% 45.2% 127,391 28.8% 111,753 25.3% 145.9% 127,391 28.8% 111,753 25.3% 151.2% 118,860 27.0% 96,391 21.4% 151.2% 118,860 27.0% 96,391 21.4% 151.2% 382,929 30,276 23	62,66%	786.556	21.0%	263,096	31.5%	395,990	47.5%	596,240	Statewide
0 46.2% 134,289 28.4% 120,244 25.4% 260,907 25.6% 156,977 260,36.4% 120,244 27.2% 126,907 25.6% 126,977 25.6% 126,987 126,977 25.6% 126,977 25	63.26%	272,678	19.4%	83,561	27.6%	118,774	53.1%	228,728	3
0 46.2% 1134,289 28.4% 120,244 25.4% 260,907 0 36.4% 125,497 38.0% 109,478 25.6% 196,977 1 44.2% 121,225 27.8% 109,428 23.1% 256,870 1 44.2% 423,911 31.1% 335,679 24.6% 714,754 2 44.2% 423,911 31.1% 335,679 24.6% 336,994 3 46.5% 136,373 28.9% 115,865 24.6% 336,994 2 37.8% 135,539 38.0% 98.833 24.2% 266,579 1 50,3% 135,549 27.8% 102,477 21.8% 324,661 5 45,5% 136,678 31.3% 115,865 24.6% 336,994 45,5% 422,561 31.3% 27.8% 292,324 225,679 1 50,000 Registered Other % Other Turnout Turnout 2,5% 12,29 30.4%<	60.85%	226,881	21.0%	78,476	35.9%	133,747	43.1%	160,623	2
0 46.2% 134,289 28.4% 120,244 25.4% 260,907 0 36.4% 125,497 38.0% 106,007 25.6% 196,977 1 49.1% 132,125 27.8% 109,428 23.1% 256,870 1 44.2% 423,911 31.1% 335,679 24.6% 714,754 24.6% 136,373 28.9% Registered Offher %Offher Turnout (2020) % Dem Registered GOP % GOP Registered Offher %Offher Turnout Turnout (2020) % Dem Registered GOP % GOP Registered Offher %Offher Turnout Turnout (2020) % Dem Registered GOP % GOP Registered Offher %Offher Turnout Turnout (2020) % Dem Registered GOP % GOP Registered Offher %Offher Turnout Turnout (2020) % Dem Registered GOP % GOP Registered Offher %Offher Turnout Turnout (2020) % Dem Registered GOP % GOP Registered Offher %Offher Turnout Turnout (2020) % Dem Registered GOP % GOP Registered Offher %Offher Turnout Turnout (2020) % Dem Registered GOP % GOP Registered Offher %Offher Turnout Turnout (2020) % Dem Registered GOP % GOP Registered Offher %Offher Turnout Turnout (2020) % Dem Registered GOP % GOP Registered Offher %Offher Turnout Turnout (2020) % Dem Registered GOP % GOP Registered Offher %Offher Turnout Turnout (2020) % Dem Registered GOP % GOP Registered Offher %Offher Turnout Turnout (2020) % Dem Registered GOP % GOP Registered Offher %Offher Turnout Turnout (2020) % Dem Registered GOP % GOP Registered Offher %Offher Turnout Turnout (2020) General Election Turnout (2021) % Dem Registered GOP % GOP Registered Offher %Offher Turnout Turnout (2020)	63.58%	286,997	22.4%	101,059	31.8%	143,469	45.8%	206,889	1
0 46.2% 134,289 28.4% 120,244 25.4% 260,907 0 36.4% 135,7497 38.0% 109,428 23.1% 256,870 11 491,9% 132,125 27.8% 109,428 23.1% 256,870 11 44.2% 423,911 31.1% 335,679 24.6% 714,754 266,870 % Dem Registered GOP % GOP Registered Offler % Offler Turnout 136,373 28.9% 115,865 24.6% 336,994 155,393 38.0% 98,823 24.2% 266,579 98,237 21.8% 324,661 150,449 27.8% 120,247 21.8% 324,661 150,449 27.8% 120,247 21.8% 324,661 150,449 27.8% 120,247 21.8% 324,661 120,247 21.8% 324,661 120,247 21.8% 324,661 127,391 28.8% 92,323 42.2% 928,234 127,391 28.8% 92,314 24.4% 198,739 139,5% 136,678 36.1% 92,314 24.4% 198,739 24.5% 382,929 30.4% 90,209 21.8% 247,237 245.8% 399,911 31.0% 289,662 21.8% 291,815 136,678 35.2% 399,911 31.0% 289,662 21.5% 804,073 108,532 33.5% 143,939 31.2% Registered Offler % Offler Turnout (2014) % Dem Registered GOP % GOP Registered Offler % Offler Turnout 120,419 108,532 33.5% 120,290 27.4% 90,246 20.6% 280,505 946,578 120,290 27.4% 90,246 20.6% 280,505 946,578 120,290 27.4% 90,246 20.6% 280,505 946,579 120,381 27.2% 804,073 108,532 33.5% 143,939 31.2% 804,073 108,532 33.5% 143,939 31.2% 806,784 22.6% 147,001 108,678 109,481 20.5% 1190,187 109,1	Turnout %	Turnout	% Other	Registered Other	% GOP	Registered GOP	% Dem	Registered Dems	DISTRICT
0 46.2% 134,289 28.4% 120,244 25.4% 260,907 1 49.1% 132,7497 38.0% 106,027 23.6% 196,977 1 44.2% 132,7497 38.0% 109,428 23.1% 256,870 1 44.2% 423,911 31.1% 398,679 24.6% 714,754 2 46.5% 136,373 28.9% 115,865 24.6% 336,994 3 46.5% 136,373 28.9% 115,865 24.6% 336,994 1 50.3% 130,649 27.8% 102,477 21.8% 336,994 1 50.3% 130,649 27.8% 102,477 21.8% 336,994 1 50.3% 130,649 27.8% 102,477 21.8% 324,661 1 50.3% 136,678 36.1% 313,7165 23.5% 398,234 2 45.9% 127,391 28.8% 111,753 25.3% 255,678 3 <td< td=""><td></td><td>_</td><td>_</td><td>Turnout (2012)</td><td>Election</td><td>General</td><td>_</td><td></td><td></td></td<>		_	_	Turnout (2012)	Election	General	_		
0 46.2% 134,289 28.4% 120,244 25.4% 260,907 0 36.4% 137,497 38.0% 106,927 25.6% 196,977 1 49.9% 132,125 72.8% 199,428 23.4% 256,870 1 44.2% 423,911 31.1% 39,428 23.4% 256,870 % Dem Registered GOP % GOP Registered Other % Other Tumout Tumout 2 37.8% 136,373 28.9% 115,865 24.6% 336,994 1 50.3% 130,649 27.8% 102,477 21.8% 324,661 2 37.8% 130,649 27.8% 102,477 21.8% 324,661 2 45.9% 136,678 36.1% 317,165 23.5% 928,234 2 45.9% 127,391 28.8% 111,753 25.3% 255,678 3 39.5% 127,391 28.8% 111,753 25.3% 255,678	10:01/0	010,100	77:77	200,110	() H: N / o	701,000	6.0%	210,011	north and the
0 46.2% 134,289 28.4% 120,244 25.4% 260,907 0 36.4% 137,497 38.0% 120,244 25.4% 196,977 1 49.1% 137,497 38.0% 109,428 23.1% 256,870 1 44.2% 423,911 31.1% 335,679 24.6% 714,754 1 44.2% 423,911 31.1% 335,679 24.6% 714,754 45.5% 136,373 28.9% 115,865 24.6% 336,994 115,865 24.6% 336,994 1 50.3% 130,649 27.8% 102,477 21.8% 336,994 1 50.3% 130,649 27.8% 102,477 21.8% 324,661 1 50.3% 130,649 27.8% 317,165 23.5% 328,234 2 45.9% 127,391 28.8% 317,165 23.5% 328,234 2 45.9% 118,860 27.0% Registered Other % Other	40 34%	519 453	22 2%	285 778	31 2%	401 325	46.6%	600 541	Statewide
0 46.2% 134,289 28.4% 120,244 25.4% 260,907 0 36.4% 157,497 38.0% 109,428 23.1% 256,870 196,977 1 44.2% 423,911 31.1% 109,428 23.1% 256,870 196,977 1 44.2% 423,911 31.1% 109,428 23.1% 256,870 196,977 1 44.2% 423,911 31.1% 335,679 24.6% 714,754 196,787 2 37.8% 136,373 28.9% 115,865 24.6% 336,994 336,994 336,994 336,994 336,994 23.2% 266,579 266,579 215,539 38.9% 102,477 21.8% 266,579 266,579 264,5% 331,165 24.6% 334,661 102,477 21.8% 2324,661 102,477 21.8% 23.2% 266,579 264,59% 111,753 23.5% 23.5% 298,234 102,477 21.8% 204,583 23.1,48 25.5,678 25.5,678	43.02%	190.187	20.5%	90,471	27.2%	120,381	52.3%	231,206	ω
0 46.2% 134,289 28.4% 120,244 25.4% 260,907 1 49.1% 132,125 27.8% 109,428 23.1% 256,870 196,977 1 44.2% 132,121 31.1% 109,428 23.1% 256,870 1 44.2% 23,991 31.1% 335,679 24.6% 714,754 General Election Turnout (2020) 2 46.5% 136,373 28.9% 115,865 24.6% 336,994 158,699 336,994 233,994 24.6% 336,994 233,994 24.6% 336,994 24.6% 336,994 233,998 19,885 24.6% 336,994 24.6% 336,994 24.6% 336,994 24.6% 336,994 24.6% 336,994 24.6% 336,994 24.8% 292,834 24.2% 266,799 24.6% 336,994 24.2% 266,799 24.6% 336,994 24.2% 24.2% 224,661 24.2% 292,834 25.5% 223,234 224.2% 224,661	38.21%	147,001	22.6%	86,784	35.6%	137,005	41.8%	160,888	2
0 46.2% 134,289 28.4% 120,244 25.4% 260,907 1 49.1% 132,125 27.8% 109,428 23.1% 256,870 196,977 1 49.1% 132,125 27.8% 109,428 23.1% 256,870 196,977 1 44.2% 423,911 31.1% 335,679 24.6% 714,754 196,977 44.2% 423,911 31.1% 335,679 24.6% 714,754 197,754 197,754 197,754 197,754 197,754 197,754 197,754 197,754 197,754 197,754 197,754 197,754 197,754 197,754 197,754 197,754 197,754 198,759 198,759 198,823 24.5% 336,994 198,823 24.2% 266,579 198,823 24.2% 266,579 198,823 24.2% 266,579 198,823 24.2% 266,579 198,823 24.2% 266,579 198,823 24.2% 266,579 198,823 24.2% 266,579 198,823	39.54%	182,265	23.5%	108,523	31.2%	143,939	45.2%	208,447	
0 46.2% 134,289 28.4% 120,244 25.4% 260,907 10 36.4% 132,125 27.8% 106,007 25.6% 196,977 11 491.% 132,125 27.8% 109,428 23.1% 256,870 256,870 2714,754 291,875 27.8% 27.8% 291,4754 291,4754 291,4754 291,4754 291,875	Turnout %	Turnout	% Other	Registered Other	% GOP	Registered GOP	% Dem	Registered Dems	DISTRICT
0 46.2% 134,289 28.4% 120,244 25.4% 260,907 0 36.4% 137,497 38.0% 106,007 25.6% 196,977 1 44.2% 132,125 27.8% 109,428 23.1% 256,870 1 44.2% 132,125 27.8% 109,428 23.1% 256,870 1 44.2% 132,311 31.1% 335,679 24.6% 714,754 2 42.2% 423,911 31.1% 335,679 24.6% 714,754 3 46.5% 136,373 28.9% 115,865 24.6% 336,994 155,539 38.0% 98,823 24.2% 266,579 266,579 115,865 24.6% 336,994 102,477 21.8% 324,661 102,477 21.8% 324,661 102,477 21.8% 324,661 102,477 21.8% 324,661 102,477 21.8% 324,661 102,477 21.8% 324,661 102,479 23.5% 928,234 223,5% 928,234 223,5% 928,234 223,5% 928,233 23.5% 928,234 223,5% <th></th> <th>_</th> <th>_</th> <th>Turnout (2014)</th> <th>Election</th> <th>General</th> <th>_</th> <th></th> <th></th>		_	_	Turnout (2014)	Election	General	_		
0 46.2% 134,289 28.4% 120,244 25.4% 260,907 0 36.4% 157,497 38.0% 106,007 25.6% 196,977 1 44.9.1% 132,125 27.8% 109,428 23.1% 256,870 1 44.9.2% 423,911 31.1% 335,679 24.6% 714,754 1 44.9.2% 423,911 31.1% 335,679 24.6% 714,754 1 44.9.2% 423,911 31.1% 335,679 24.6% 714,754 2 46.5% 136,373 28.9% 115,865 24.6% 336,994 2 37.8% 130,649 27.8% 102,477 21.8% 324,661 2 37.8% 130,649 27.8% 102,477 21.8% 324,661 2 45.9% 133,649 27.8% 317,165 23.5% 928,234 2 45.9% 136,678 36.1% 317,165 23.5% 928,234 2	62.36%	804,073	22.5%	289,662	31.0%	399,911	46.5%	599,809	Statewide
0 46.2% 134,289 28.4% 120,244 25.4% 260,907 0 36.4% 157,497 38.0% 106,007 25.6% 196,977 1 49.1% 132,125 27.8% 109,428 23.1% 256,870 1 44.2% 423,911 31.1% 109,428 23.1% 256,870 1 44.2% 423,911 31.1% 109,428 23.1% 256,870 1 44.2% 423,911 31.1% 335,679 24.6% 714,754 2 46.5% 136,373 28.9% 115,865 24.6% 336,994 2 45.5% 130,649 27.8% 102,477 21.8% 336,994 2 45.2% 422,561 31.3% 102,477 21.8% 324,661 3 45.2% 422,561 31.3% 317,165 23.5% 928,234 2 45.9% 127,391 28.8% 111,753 23.5% 928,234 2 45	63.91%	280,505	20.6%	90,246	27.4%	120,290	52.0%	228,378	3
0 46.2% 134,289 28.4% 120,244 25.4% 260,907 0 36.4% 157,497 38.0% 106,007 25.6% 196,977 1 49.1% 132,125 27.8% 106,007 25.6% 196,977 1 44.2% 423,911 31.1% 109,428 23.1% 256,870 1 44.2% 423,911 31.1% 109,428 23.1% 256,870 2 44.2% 423,911 31.1% 335,679 24.6% 714,754 3 46.5% 136,373 28.9% 115,865 24.6% 336,994 2 45.2% 130,649 27.8% 102,477 21.8% 266,579 3 46.2% 422,561 31.3% 317,165 23.5% 23.5% 2928,234 4 45.9% 127,391 28.8% 111,753 23.5% 2928,234 7 51.2% 136,678 36.1% 92,314 24.4% 198,739 <	61.43%	231,753	23.1%	87,081	36.2%	136,668	40.7%	153,506	2
0 46.2% 134,289 28.4% 120,244 25.4% 260,907 0 36.4% 157,497 38.0% 106,007 25.6% 196,977 1 49.1% 132,125 27.8% 109,428 23.1% 256,870 1 44.2% 423,911 31.1% 335,679 24.6% 714,754 1 44.2% 423,911 31.1% 335,679 24.6% 714,754 1 44.2% 423,911 31.1% 335,679 24.6% 714,754 2 Dem Registered GOP % GOP Registered Other % Other Turnout Turnout 3 46.5% 136,373 28.9% 115,865 24.6% 336,994 1 50.3% 130,649 27.8% 102,477 21.8% 266,579 1 50.3% 130,649 27.8% 317,165 23.5% 928,234 2 45.9% Dem Registered GOP % GOP Registered Other % Other <td>61.67%</td> <td>291,815</td> <td>23.7%</td> <td>112,335</td> <td>30.2%</td> <td>142,953</td> <td>46.1%</td> <td>217,925</td> <td>⊢</td>	61.67%	291,815	23.7%	112,335	30.2%	142,953	46.1%	217,925	⊢
0 46.2% 134,289 28.4% 120,244 25.4% 260,907 0 36.4% 157,497 38.0% 106,007 25.6% 196,977 1 49.1% 132,125 27.8% 109,428 23.1% 256,870 1 44.2% 423,911 31.1% 335,679 24.6% 714,754 1 44.2% 423,911 31.1% 335,679 24.6% 714,754 2 Dem Registered GOP % GOP Registered Other % Other Turnout Turnout 3 46.5% 136,373 28.9% 115,865 24.6% 336,994 1 50.3% 130,649 27.8% 102,477 21.8% 266,579 1 50.3% 130,649 27.8% 102,477 21.8% 324,661 2 37.8% 122,561 31.3% 317,165 23.5% 928,234 2 45.9% 12,391 28.8% 111,753 25.3% 255,678 3 39.5% 136,678 36.1% 92,314 24.4% 198,	Turnout %	Turnout	% Other	Registered Other	% GOP	Registered GOP	% Dem	Registered Dems	DISTRICT
0 46.2% 134,289 28.4% 120,244 25.4% 260,907 0 36.4% 157,497 38.0% 106,007 25.6% 196,977 1 49.1% 132,125 27.8% 109,428 23.1% 256,870 1 44.2% 423,911 31.1% 335,679 24.6% 714,754 General Election Turnout (2020) 9% Dem Registered GOP % GOP Registered Other % Other Turnout Turnout 3 46.5% 136,373 28.9% 115,865 24.6% 336,994 1 50.3% 130,649 27.8% 102,477 21.8% 266,579 1 50.3% 130,649 27.8% 102,477 21.8% 336,994 2 37.8% 130,649 27.8% 102,477 21.8% 324,661 5 45.2% 422,561 31.3% 317,165 23.5% 928,234 1 50.3% 136,678 36.1% 30.1 30.1 30.1 30.1 30.1 30.1 30.1 30.1		_		Turnout Jonass		Consta	_	_	
0 46.2% 134,289 28.4% 120,244 25.4% 260,907 0 36.4% 157,497 38.0% 106,007 25.6% 196,977 1 49.1% 132,125 27.8% 109,428 23.1% 256,870 1 44.2% 423,911 31.1% 335,679 24.6% 714,754 2 44.2% 423,911 31.1% 335,679 24.6% 714,754 3 46.5% Dem Registered GOP % GOP Registered Other % Other Turnout Turnout 3 46.5% 136,373 28.9% 115,865 24.6% 336,994 24.5% 336,994 24.6% 336,994 24.6% 336,994 24.2% 266,579 26,579 21.8% 324,661 26,579 24.6% 324,661 26,579 24.6% 324,661 24.2% 266,579 22.8% 23.5% 23.5% 2928,234 22.24 22.24 22.24 22.24 22.24 22.24 22.24 22.24 22.24 22.24 22.24 22.24 22.24 22.24 <td< td=""><td>55.62%</td><td>701,654</td><td>23.8%</td><td>300,276</td><td>30.4%</td><td>382,929</td><td>45.8%</td><td>578,322</td><td>Statewide</td></td<>	55.62%	701,654	23.8%	300,276	30.4%	382,929	45.8%	578,322	Statewide
0 46.2% 134,289 28.4% 120,244 25.4% 260,907 0 36.4% 157,497 38.0% 106,007 25.6% 196,977 1 49.1% 132,125 27.8% 109,428 23.1% 256,870 1 44.2% 423,911 31.1% 335,679 24.6% 714,754 General Election Turnout (2020) 2 37.8% 136,373 28.9% 115,865 24.6% 336,994 2 37.8% 136,373 28.9% 115,865 24.6% 336,994 2 37.8% 130,649 27.8% 102,477 21.8% 266,579 1 50.3% 130,649 27.8% 102,477 21.8% 324,661 5 45.2% 422,561 31.3% 317,165 23.5% 928,234 6 45.2% 420,561 31.3% 317,165 23.5% 928,234 7 45.9% Registered GOP W Other Turnout Turnout 8 45.9% 127,391 28.8% 111,753	56.08%	247,237	21.8%	96,209	27.0%	118,860	51.2%	225,817	3
0 46.2% 134,289 28.4% 120,244 25.4% 260,907 0 36.4% 157,497 38.0% 106,007 25.6% 196,977 1 49.1% 132,125 27.8% 109,428 23.1% 256,870 1 44.2% 423,911 31.1% 335,679 24.6% 714,754 2 74.2% 423,911 31.1% 335,679 24.6% 714,754 3 46.5% 136,391 8.6OP Registered Other % Other Turnout Turnout 3 46.5% 136,373 28.9% 115,865 24.6% 336,994 2 37.8% 155,539 38.0% 98,823 24.2% 266,579 1 50.3% 130,649 27.8% 102,477 21.8% 324,661 1 50.3% 422,561 31.3% 317,165 23.5% 928,234 2 45.2% 426,678 31.3% 317,165 23.5% 928,234 2 45.9% Registered GOP 6OP Registered Other % Other	52.46%	198,739	24.4%	92,314	36.1%	136,678	39.5%	149,813	2
0 46.2% 134,289 28.4% 120,244 25.4% 260,907 0 36.4% 157,497 38.0% 106,007 25.6% 196,977 11 49.1% 132,125 27.8% 109,428 23.1% 256,870 21 44.2% 423,911 31.1% 31.1% 335,679 24.6% 714,754 24.2% 25.6% 256,870 24.6% 714,754 25.6% 25.6% 25.6% 256,870 25.6% 25.6% 256,870 25.6%	57.87%	255,678	25.3%	111,753	28.8%	127,391	45.9%	202,692	н
0 46.2% 134,289 28.4% 120,244 25.4% 260,907 0 36.4% 157,497 38.0% 106,007 25.6% 196,977 11 49.1% 132,125 27.8% 109,428 23.1% 256,870 11 44.2% 423,911 31.1% 31.1% 335,679 24.6% 714,754 24.2% Ceneral Election Turnout (2020) 7 Dem Registered GOP % GOP Registered Other % Other Turnout Tur	Turnout %	Turnout	% Other	Registered Other		Registered GOP	% Dem	Registered Dems	DISTRICT
0 46.2% 134,289 28.4% 120,244 25.4% 260,907 0 36.4% 157,497 38.0% 106,007 25.6% 196,977 1 49.1% 132,125 27.8% 109,428 23.1% 256,870 1 44.2% 423,911 31.1% 335,679 24.6% 714,754 2 74.2% 74,754 714,754 714,754 714,754 714,754 3 46.5% 74,754 714,754<				Turnout (2018)		General			
0 46.2% 134,289 28.4% 120,244 25.4% 260,907 0 36.4% 157,497 38.0% 106,007 25.6% 196,977 1 49.1% 132,125 27.8% 109,428 23.1% 256,870 1 44.2% 423,911 31.1% 335,679 24.6% 714,754 1 44.2% General Election Turnout (2020) Comparison of Compari	68.75%	928,234	23.5%	317,165	31.3%	422,561	45.2%	610,516	Statewide
0 46.2% 134,289 28.4% 120,244 25.4% 260,907 0 36.4% 157,497 38.0% 106,007 25.6% 196,977 1 49.1% 132,125 27.8% 109,428 23.1% 256,870 1 44.2% 423,911 31.1% 335,679 24.6% 714,754 1 44.2% 423,911 31.1% 335,679 24.6% 714,754 2 5 6 6 6 714,754 714,754 714,754 3 6 6 6 70 70 714,754 7	69.17%	324,661	21.8%	102,477	27.8%	130,649	50.3%	236,251	33
0 46.2% 134,289 28.4% 120,244 25.4% 260,907 0 36.4% 157,497 38.0% 106,007 25.6% 196,977 0 49.1% 132,125 27.8% 109,428 23.1% 256,870 1 44.2% 423,911 31.1% 335,679 24.6% 714,754	65.16%	266,579	24.2%	98,823	38.0%	155,539	37.8%	154,742	2
0 46.2% 134,289 28.4% 120,244 25.4% 260,907 0 36.4% 157,497 38.0% 106,007 25.6% 196,977 1 49.1% 132,125 27.8% 109,428 23.1% 256,870 1 44.2% 423,911 31.1% 335,679 24.6% 714,754	71.43%	336,994	24.6%	115,865	28.9%	136,373	46.5%	219,523	1
46.2% 134,289 28.4% 120,244 25.4% 260,907 36.4% 157,497 38.0% 106,007 25.6% 196,977 49.1% 132,125 27.8% 109,428 23.1% 256,870 44.2% 423,911 31.1% 335,679 24.6% 714,754 General Election Turnout (2020)	Turnout %	Turnout	% Other	Registered Other	% GOP	Registered GOP	% Dem	Registered Dems	DISTRICT
46.2% 134,289 28.4% 120,244 25.4% 260,907 36.4% 157,497 38.0% 106,007 25.6% 196,977 49.1% 132,125 27.8% 109,428 23.1% 256,870 44.2% 423,911 31.1% 335,679 24.6% 714,754				Turnout (2020)	Election	General			
46.2% 134,289 28.4% 120,244 25.4% 260,907 36.4% 157,497 38.0% 106,007 25.6% 196,977 49.1% 132,125 27.8% 109,428 23.1% 256,870	52.48%	714,754	24.6%	335,679	31.1%	423,911	44.2%	602,431	Statewide
46.2% 134,289 28.4% 120,244 25.4% 260,907 36.4% 157,497 38.0% 106,007 25.6% 196,977	54.12%	256,870	23.1%	109,428	27.8%	132,125	49.1%	233,091	3
46.2% 134,289 28.4% 120,244 25.4% 260,907	47.51%	196,977	25.6%	106,007	38.0%	157,497	36.4%	151,120	2
	55.19%	260,907	25.4%	120,244	28.4%	134,289	46.2%	218,220)
% Dem Registered GOP % GOP	Turnout %	Turnout	% Other	Registered Other	% GOP	Registered GOP	% Dem	Registered Dems	DISTRICT
ì				Turnout (2022)	General Election	General			

Autobound EDGE - Compactness Report

Plan Name: Congress:NM_Congress_A

For more information on compactness calculations Click Here



	District Area	Perimeter	Area of Circle with	Perimeter of Circle	Compactness
District	(SQM)	(Miles)	Same Perimeter	with Same Area	Value
1	4,376	402	12,865	234	0.34
?	65,310	1,325	139,745	906	0.47
<u> </u>	51,907	1,314	137,379	808	0.38

Most Compact: 0.47 For District: 2 Least Compact: 0.34 For District: 1

	District Area	Perimeter	Area of Circle with	Perimeter of Circle	Compactness
District	(SQM)	(Miles)	Same Perimeter	with Same Area	Value
1	4,376	402	12,865	234	0.58
2	65,310	1,325	139,745	906	0.68
3	51,907	1,314	137,379	808	0.61

Most Compact: 0.68 For District: 2 Least Compact: 0.58 For District: 1

Compactr	iess measure: R	eock Score			
	District Area	Perimeter	Area of Circle with	Perimeter of Circle	Compactness
District	(SQM)	(Miles)	Same Perimeter	with Same Area	Value
1	4,376	402	12,865	234	0.42
2	65,310	1,325	139,745	906	0.52
3	51,907	1,314	137,379	808	0.42

Most Compact: 0.52 For District: 2 Least Compact: 0.42 For District: 1

	District Area	Perimeter	Area of Circle with	Perimeter of Circle	Compactness
District	(SQM)	(Miles)	Same Perimeter	with Same Area	Value
1	4,376	402	12,865	234	1.39
2	65,310	1,325	139,745	906	1.50
3	51,907	1,314	137,379	808	2.01

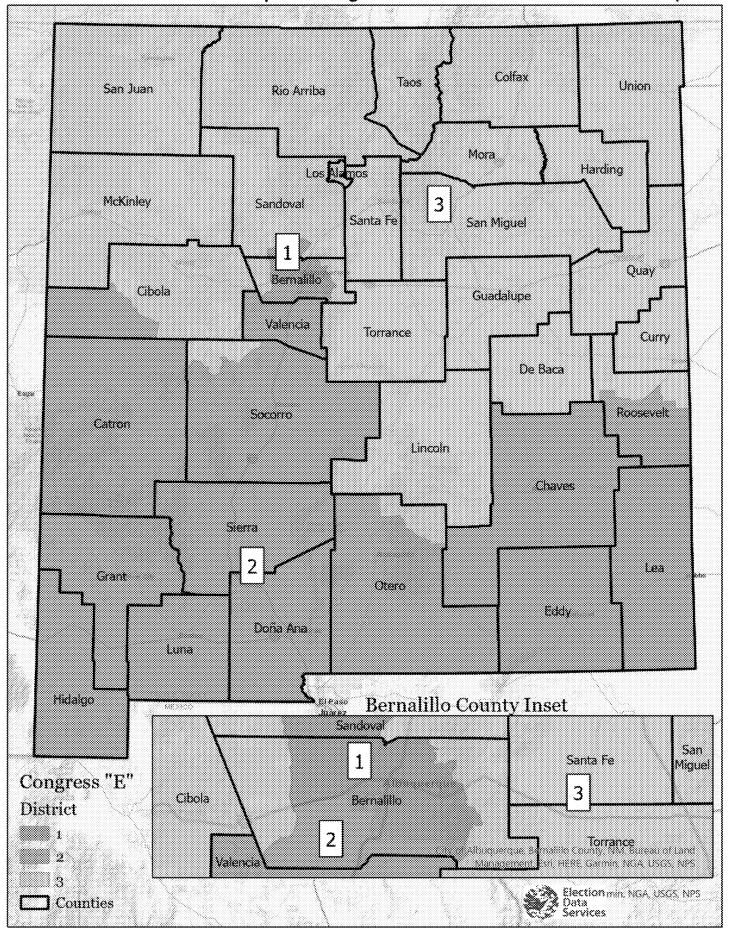
Most Compact: 2.01 For District: 3 Least Compact: 1.39 For District: 1

Compactr	ness measure: C	onvex Hull			
B:	District Area	Perimeter	Area of Circle with	Perimeter of Circle	Compactness
District	(SQM)	(Miles)	Same Perimeter	with Same Area	Value
1	4,376	402	12,865	234	0.75
2	65,310	1,325	139,745	906	0.85
3	51,907	1,314	137,379	808	0.83

Most Compact: 0.85 For District: 2 Least Compact: 0.75 For District: 1

Report Date: 8/23/2023 12:20:34 PM

New Mexico - District Map of Congressional Commission "E" Concept



Acceptable Deviation Vindow
Guide Pop = VAP = VAP = NA, or AI= AS= NH= XX= P= XX= P= A=C=W=
Guide Pop = VAP = WH = BL= AS= NA, or AI= OT= Hisp= NH= XX= P= XX= A=C=
Guide Pop = VAP = WH = BL= AS= NA, or AI= PISP= NH= XX= P= XX= A= A=
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Guide Pop = VAP = WH = BL= AS= NA, or AI= PI= OT= Hisp= NH= XX=
Guide Pop = VAP = WH = BL= NA, or A = P = OT= NH=
Guide Pop = VAP = WH = BL= NA, or A = NA, or A = OT= Hisp=
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New Mexico Districts with 2020 Census Data

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		tewest	Highest	Total Dev		STATE TOT		03	20	01	DISTRICT	А
						2,117,522		705,837	705,840	705,845	TAPERSONS	В
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		-0.0005%	0.0006%	0.0011%				0.0%	0.0%	0.0%	% Dev.	Е
										705,832		F
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NM_PlanEmod_Matrix_poli_formatted.xlsx Overview

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3	Total Pop	Ž				ã	
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			39.89%	39.32	42.28		æ
							acial D
			1.30%	1.74%	257%		emogra
			17.76%	3.57	W 100		ohics as
						2	SPercer
			1.37%	1.04%	2.86%	H Asian	nt of Voti
			36.64%	51.54%	44,98%	Hispanic	ent of Voting Population
			60.11%	60.68%	57.72%	Minority	tion

NM_PlanEmod_Matrix_poli_formatted.xlsx 1-PopRaceAlone

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	0	0	0	0	0	0	2		0	0	0	0	0	0			49.05%	52.01%	48.18%	46.96%	PPOpNonW	T

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1.67% 1.451 0.07% 10.340 0.48% 1	9.10%	3.70%	3.92%	Š	L
1.67% 1.451 0.07% 10.340 0.48% 1				POPN	
1.67% 1.451 0.07% 10.340 0.48% 1	9,130	6,754	19,3//	AS A	ľ
1,451 0.07% 10.340 0.49% 1			Ť	POPNHHI A PROMINE TOPNHEL A PROMISS POPNHINA A PROMINE A POPNHAS A POPNHAS A	l
1,451 0.07% 10.340 0.49% 1	1.2	0.0	2.7	3	ŀ
0.07% 10.340 0.49% 1	1.29%	0.96%	2.75%	₩ P	┞
0.07% 10.340 0.49% 1				POPNHPI_A	3
10.340 0.49% 1	425	446	080	A	ļ
10.340 0.49% 1				T AD	z
0.49%	0.06%	0.06%	0.08%	*	L
0.49%				POPN	ľ
0.49%	3,294	3,350	3,69	107	c
	4		16	3	r
	0.4	0.4	3.0	菱	٦
1,010,81	0.47%	0.47%	22%	2	L
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	274,669	393,658	342,4	SHAC	k
	П	Γ	84	*	H
47.74% 0 0 0 0 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0	38.91%	55.77%	48.52	*	7
			1%	HATELAN POPUHOT A BRANCHED A POPHISE PROMISE POPUHXX PROMISE PROMISE PROMISE	t
59,767	20,191	16,689	22,887	XHX	U
		ĺ	ľ	3	Γ
2.82% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2.86%	2.36%	3.24%	***	1
			ľ	Pop	T
,344,570	451,342	458,523	434,/0	ARCON	c
	34,	1	1	9890	T
63.50%	342	1	61.59%	HORKE	<

23	22	21	20	19	18	17	16	15	14	13	12	1	1	9	œ	7	တ	Ŋ	4	သ	2	_	
	<10%	30% -	20%	30%	35% 39.9%	40%	45%	50% - 54.9%		500	55 %	09	80% - 89 B%	× 90%			STATETOTAL		003	002	801	DISTRICT	A
																							В
																	2,117,522		705,837	705,840	705,845	POPTOT	С
																	120.82%			122.60%	122.03%	Percentful	D
																	1,485,973			516,096	516,011	POPWH_C	П
																	70.18%			73.12%	73.11%	Percentiful POPWH_C PROPER_C PROPER_C PRO	П
	0	0	0	0	0	0	0	0	0		0	2	0	0			68,409			6 20,371	6 31,349	POPBL_C	G
	S	0	0	0	0	0	0	0	0	0	0	0	0	0			3.23%		2.36%		4.44%	PPOPER C	I
																	263,615				53,876	OPER C POPNA_C PP	
	2	0	_	0	0	0	0	0	0	0	0	0	0	0			12.45%		22.87%	6.85%	7.63%	PPopMa C	٦
																	55,997		14,959	11,691	29,347	opha C POPAS_C #	~
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			2.64%		2.12%	1.66%	4.16%	POPPLS C POPPLC	L
																	6,012		1,915	1,750	2,347	POPPI_C	Z
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			0.28%		0.27%	0.25%	0.33%	Poppi C	z
																	678,288		182,747	267,123	228,418	PPOPP C POPOI C PPOPOI C POPNORW PP	0
	0	0				0	0	0	0	0	0	0	0	0			32.03%		25.89%	37.84%	32.36%	Popor c	Р
																	631,549		251,971	189,744	189,834	PopNonW I	۵
	0	0	2	0		0	0	0	0	0	0	0	0	0			29.82%		35.70%	26.88%	26.89%	ManoNdode	IJ

NM_PlanEmod_Matrix_poli_formatted.xlsx 2A-PopNHRace_Combo

I	1	20	Ī	19	18	;	17	16	15	14	3	12	11	10	9	œ	7	တ	O)	4	ω	2	_	Γ
		20%-29.89		30% - 34 99	35% - 38 90		40% 45.99	45% 49.89	50% - 54.8°	95% - 59 gg	50% 849	18 88 · WSE	56.62 - MOZ	55.68 % QS	V 90%			STATETO		202	902	981	DISTRICT	Į
				8														2						o
																		2,117,522		705,837	705,840	705,8	POPTOT	(
																				37 103	840 102	345 103		,
	1																	103.01%		.05%	.51%	.47%	POP	L
																		827,854		272,949	262,964	291,941	PRINCESS POPNHYNH_C PROPE	_
		0		0	2		_	0	0	0	0	0	0	0	0			39.10%				41.36%	2 HASHINGSER	-
																		51,565		12,892	14,962	23,711	POPNHBL_C	٥
	7	0		0	0	,	0	0	0	0	0	0	0	0	0			2.44%		1.83%	2.12%		8	
																		214,685		144,527	33,771	36,387	NAME C POPNHNA C	-
				0	0	,	0	0	0	0	0	0	0	0	0			10.14%		20.48%	4.78%	5.16%	PPODMHNA C	٠
																		48,249		13,028	9,632	25,589	POPNHAS_C PROT	7
		0		0	0		0	0	0	0	0	0	0	0	0			2.28%		1.85%	1.36%		MHAS C	,
																		4,059		1,326	1,152	1,581	POPNHPI C PRO	101
		0		0	0	,	0	0	0	0	0	0	0	0	0			0.19%		0.19%	0.16%	0.22%	2 Hemodage	2
																		24,047		7,989	7,432	8,626	POPNHOT_C	C
		0		0	0		0	0	0	0	0	0	0	0	0			1.14%		1.13%	1.05%	1.22%	POPNHOT_C **POPNHOT_C POPHISP	_
							_											1,010,811	_	274,669	393,658	342,484	POPHISP	٤
		0	Ī	_			_		(0	-	-	-			47.74%		38.91%	55.77%	48.52%	PPODMIND	7
	ľ	_	ľ	_			_	ĺ										6 1,289,668		6 432,888	6 442,876	6 413,904	Wishings Muchicles driftings	,
	l																	8 60.90%		8 61.33%	62.74%	58.64%	PPopulati	-

NM_PlanEmod_Matrix_poli_formatted.xlsx 3-PopRace_OMB

	_	2	ω	4	5	စ	7	œ	ဖ	ð	11	12	13	14	15	16	17	18	19	20	21	22	23
Α	DISTRICT	001	CGS	003		STATE TOTAL			V 90%	% GB - % DB	70% 799%	55% - 69 9%	60% 649%	55% - 599%	50% 54 9%	45% 49.9%	40% - 45 9%	35% 39.9%	30% - 349%	20% 29.9%	10% - 199%	41Q%	
В																							
	POPTOT	705,845	705,840	705,837		2,117,522																	
D	Percenta I	80.83%	79.33%	84.42%		81.53%																	
E	OPWH_A	374,395	365,796	338,746		1,078,937																	
F	Popper A	53.04%	705,840 79.33% 365,796 51.82% 15,798 2.24% 35,759 5.07% 8,263	47.99%		50.95%			0	0	0	0	0	0	2	1	0	0	0	0	0	0	
G	POPBL_W	24,480	15,798	12,326		52,604																	
П	Poper W	3.47%	2.24%	1.75%		2.48%			0	0	0	0	0	0	0	0	0	0	0	0	0	3	
_	* M_ANGO	38,893	35,759	146,786		221,438																	
ر	SPODRIA W	5.51%	5.07%	20.80%		10.46%			0	0	0	0	0	0	0	0	0	0	0	_	0	2	
χ.	POPAS_W	21,876	8,263	10,682		40,821																	
				1.51%		1.93%			0	0	0	0	0	0	0	0	0	0	0	0	0	ω	
Δ	POPPLW #	1,377	1,138	1,126		3,641																	
z	PODPI W	0.20%	0.16%	0.16%		0.17%			0	0	0	0	0	0	0	0	0	0	0	0	0	ω	
0	* M_TOPOC	109,487	133,175	86,228		328,890																	
P	DAS W POPPLW FRODRIW POPOT W FRODOT W FORWORK FRODWORK	15.51%	18.87%	12.22%		15.53%			0	0	0	0	0	0	0	0	0	0	0	0	ω	0	
Q	PopNonW	331,450	340,044	367,091		1,038,585																	
Z)	Mucheda	46.96%	48.18%	52.01%		49.05%			0	0	0	0	0	0	1	2	0	0	0	0	0	0	

Α	n C	J	П	п	G	Ξ		_	Σ.		s	z	Э	D	Э	20	S	4
	힣	Postsuditos P	OPNHWH_A	A HAMMANAGO	WARRIES POPNHWH A SEX MARKE & POPNHEL W STRUMBE W POPNHAA W SPORMER W POPNHAS W POPNHAS W POPNHAS W POPNHPI W	A NA TERHNOLOGY	OPNHNA W	PENNINA W	W SYHNAO	Pupple 85	occur.	PROMINE W. POPNHOT W. PROMINET W. POPHISP PROMINED POPMANE	M TOHNAC	SUMMOT W	OPHISP PE	SpH8p Ps		Sycooling.
2 003	705,845	5 97.36%	271,140	38.41%	19,464	2.76%	28,951	4.10%	20,172	2.86%	_	0.13%	4,079	0.58%	342,484	48.52%	434,705	61.59%
3 002	705,840	0 97.94%	247,317	35.04%	12,124	1.72%	26,612	3.77%	7,198	1.02%	_	0.11%	3,659	0.52%	393,658	55.77%	458,523	64.96%
4 003	705,837	7 97.65%	254,495	36.06%	9,989	1.42%	135,977	19.26%	9,729	1.38%	774	0.11%	3,595	0.51%	274,669	38.91%	451,342	63.94%
5																		
6 STATE TOTAL	2,117,522	2 97.65%	772,952	36.50%	41,577	1.96%	191,540	9.05%	37,099	1.75%	2,432	0.11%	11,333	0.54%	1,010,811	47.74%	1,344,570	63.50%
7																		
8																		
9 ~ 90%				0		0		0		0		0		0		0		0
10 260% - 289-39%				0		0		0		0		0		0		0		0
11 70% 79.9%				0		0		0		0		0		0		0		0
12 65% - 59-9%				0		0		0		0		0		0		0		0
13 60% 64.9%				0		0		0		0		0		0		0		ω
14 55%-59.9%				0		0		0		0		0		0		_		0
15 50% 54.8%				0		0		0		0		0		0		0		0
16 #5%~40/4%				0		0		0		0		0		0		1		0
17 40% 49.9%				0		0		0		0		0		0		0		0
18 35% 35,5%				ယ		0		0		0		0		0		_		0
19 30% - 34.9%				0		0		0		0		0		0		0		0
20 20% 20%。				0		0		0		0		0		0		0		0
ŝ				0		0		1		0		0		0		0		0
22 *103*				0		ω.		2		_ω		ω.		ယ		0		0
23																		

NM_PlanEmod_Matrix_poli_formatted.xlsx 4-VAPRaceAlone

23	22	21	20	19	18 95%	17	16	15	14	3	12	1	10	9	ω	7	ത ഗ	4	ω	2	_	
	<109k	966 61 960	20% - 20.9%	30% - 345%	95% - 35 g%	40% 45.9%	45% 49.9%	50% - 54.9%	966.69 - 969	60% - 649%	846 893 - 8689	70% - 79 9%	%65 488 - 9%08	- 90% - 00%			STATETOTAL	003	200	DQ1	DISTRICT	7
	••••						***	_							***							Ţ
																	1,638,989	546,149	535,351	557,489	VAPTOT	١
																	100.00%	100.00%	100.00%	100.00%	Percent Tot	,
																	876.177	277,378		309,133	VAPWH_A	_
																	53.46%	50.79%	54.11%	3 55.44	Percentition VAPWH_A PVAPWH_A VAPBL_A	-
	0	0	0	0	0	0	0	2	_	0	0	0	0	0			34,444			5% 16,112	A VAPBL	
								-										7,829 1	10,503 1		3	L
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			2.10% 15	1.43% 10	1.96% 2	2.89% 2	新版 A VAPNA_A 世代	
								L									153.063	102,237	24,305	26,521	VA_A 概念	
	2	_	0	0	0	0	0	0	0	0	0	0	0	0			9.34%	18.72%	4.54%	4.76%	APMA A VAPAS A	_
																	30,378	7,849	5,928	16,601	APAS A	_
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			1.85%	1.44%	1.11%	2.98%	VAPAS A	
																	1,610	466	493	651	VAPPI_A	2
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			0.10%	0.09%	0.09%	0.12%	V LEGUNA	Ļ
																	237,491	63,095	94,016	80,380	VAPOT_A	۲
	0	3	0	0	0	0	0	0	0	0	0	0	0	0			14.49%	11.55%	17.56%	14.42%	WAPPLA VAPOT A PVAPOT A VAPXX	-
	_)										305,826		110,440	12		ı
	0	2	_	0	0	0	0	0	0	0	0	0	0	0			18.66%	15.98%	20.63%	19.39%	FUMPXX PopNonVV I	_
	_																762.812	268,771	245,685	248,356	PopMon#V	٥
																	46.54%	49.21%	45.89%	44.55%	PPopNonW	-

NM_PlanEmod_Matrix_poli_formatted.xlsx 4A-VAPNHRaceAlone

	_	2	ω	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Α	DISTRICT	90 ⁴	2002	903 -		STATE TOTAL			¥96%	968-969	70% 79.8%	88.68	50% - 54.9%	5996 S999%	50%-54.9%	% & & + % & &	٠.	3660-3490	20%-24.9%	20% 29.6%	18/9/6	-10% -100%										
В																																
C	APTOT 3	557,489	535,351	546,149		1,638,989																										
D	Poteontae \	100.00%	100.00%	100.00%		100.00%																										
н	APNHWH A	235,731	210,477	217,854		664,062																										
F	VAPTOT ###################################	42.28%	39.32%	39.89%		40.52%			0	0	0	0	0	0	0	0	_	2	0	0	0	0										
G	VAPNHBL_A	14,34	9,33	7,100		30,778																										
Η	W TURNERAL	2.57%	1.749	1.30%		1.88%								0	0							u										
	VAPNHNA A	6 21,214	6 19,130	6 97,016		6 137,360			0		0	0		0		0	0	0	0		0	ω.										
ſ	W THREADY	3.81%	3.57%	17.76%		8.38%			0	0	0	0	0	0	0	0	0	0	0	0	_	2										
_	VAPNHAS_A	15,961	5,556	7,472		28,989																										
٦.	W STHRESMA	2.86%	1.04%	1.37%		1.77%			0	0	0	0	0	0	0	0	0		0	0	0	3										
М	VAPNHPI A	482	369	348		1,199																										
z	W IGHNAGA	0.09%	0.07%	0.06%		0.07%			0	0	0	0	0	0	0	0	0	0	0	0	0	3										
0	MIRE A VAPNHOT_A PAGEMENT A VAPHISP PAGEMEN VAPNHXX PURPMENT POPULONA PROPINSIA	2,908	2,453	2,564		7,925																										
Ρ	W. ACHINATIVE	0.52%	0.46%	0.47%		0.48%			0	0	0	0	0	0	0	0	0		0	0	0	_ى										
Q	VAPHISP	250,761	275,908	200,095		726,764																										
æ	PWAPHED \	44.98%	51.54%	36.64%		44.34%			0	0	0	0	0	0	1	0	_	_	0	0	0	0										
S	VAPNHXX	16,085	12,127	13,700		41,912																										
Т	AY AXHRAVA	2.89%	2.27%	2.51%		2.56%			0	0	0	0	0	0	0	0	0	0	0	0	0	ω										
_	approximate Pt	321,758	324,874	328,295		974,927																										
<	ANTORNADO.	57.72%	60.68%	60.11%		59.48%			0	0	0	0	2	_	0	0	0	0	0	0	0	0										

23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	œ	7	6	Ŋ	4	3	2	_	
	30%	%661-%06	20% 29.9%	30% - 34.6%	35% 39.9%	40% 45.9%	%8 BF - %5#	50% - 54.9%	%6 6G %S	%6.¥9~ %39	65% - 69 9%	2662 %UL	% 5 BB - 9008	×90%			STATE TOTAL		800	202	001	DISTRICT	Α
																							В
																	1,638,989		546,149	535,351	557,489	VAPTOT	CDE
																	119.36%		116.63%	121.22%	120.25%	2012001010E	D
																	1,172,164		361,534	397,335	413,295	VAPWH_C ▓	Е
	0	0	0	0	0	0	0	0	0	0	_	2	0	0			71.52%		66.20%	74.22%	74.14%	AN D TRUTA O HANGEN	П
																	46,422		11,135	13,745	21,542	VAPBL_C	G
	3	0	0	0	0	0	0	0	0	0	0	0	0	0			2.83%		2.04%				
																	188,477		114,229	34,946	39,302	FELC VAPNA_C	-
	2	0	_	0	0	0	0	0	0	0	0	0	0	0			11.50%		20.92%	6.53%			J
																	41,222		10,809	8,587	21,826	AG O SVADAS O WHAT	7
	3	0	0	0	0	0	0	0	0	0	0	0	0	0			2.52%		1.98%	1.60%		2	Г
																	4,204		1,323	1,258	1,623	AS C VAPPIC PVAPPE C VAPOT_C	Ζ
	သ	0	0	0	0	0	0	0	0	0	0	0	0	0			0.26%		0.24%	0.23%	0.29%	1 3 IddWA	z
																	503,802		137,930	193,107	172,765	/APOT_C #	0
	0	0			_	0	0	0	0	0	0	0	0	0			30.74%		25.26%	36.07%	30.99%	VAPOT C I	ס
																	466,825		184,615	138,016	144,194	POT C PopNonW PPop	۵
	0	0	2	_	0	0	0	0	0	0	0	0	0	0			28.48%		33.80%	25.78%	25.86%	PopNonW	Д Д

NM_PlanEmod_Matrix_poli_formatted.xlsx 5A-VAPNHRace_Combo

23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	00	7	တ	S	4	ω	2	_	П
	× 60%	10%	20%	30%	35%	40%	980 0	50%a	65% • 66	80%	95%	70% -	30%	× 90%			ÿş ≱		003	202	0g1	DISTRICT	
		9 9 9 9	26.8%	34 8%	89 198 8	45.9%	48.8%	54 9%	988	84 986 84 148	88.88	36 150 260 260 260 260 260 260 260 260 260 26	%e 88				TO PA					ã	⊳
	***		***	*** 		 	***	**	***	*** 	***	***	***	***	***	***		**			***		H
L																							В
l																	1,638,989		546,149	535,351	557,489	VAPTOT	ဂ
H																	989		149	351	189	٦ •	Н
l																	102.71%		102.66%	102.40%	9 103.06%	000000	o
Г																	0,		0,	0,	0.		П
l																	702,769		230,469	221,849	250,45	APNHWH_C	т
H																	39		8	9	27	0 8 88	H
l																	42		42	41	44	200	п
L	0	0	0	0	0	ω	0	0	0	0	0	0	0	0			42.88%		42.20%	41.44%	44.92%	**************************************	Ц
l																	ယ္			<u> </u>		VAPNHBL_C	G
L																	38,615		9,391	11,398	17,826	ر م	Ц
l																						- 8	
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			2.36%		1.72%	2.13%	3.20%	8	
l																						PRINKE O VAPNHNA_C P	
																	156,344		103,697	25,062	27,585	NA O	
																						Ř	
l																	9.54%		18.99%	4.68%	4.95	3,476.68	<u>_</u>
H	2		0	0	0	0	0	0	0	0	0	0	0	0			%		%	%	%	₩ VAP	Н
l																	37,072		9,760	7,403	19,909	VAPNHAS_C	χ.
H																	72		60	3	9	О 188	Н
l																	2		_		çω	HARE	_
L	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			2.26%		1.79%	1.38%		TAS O Y	Ц
l																	ω				_	APNHPI_C BYAR	Z
H								L									3,067		966	902	1,199	_C #9	Н
l																			_			APNH	z
L	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			0.19%		0.18%	0.17%	.22%	** **	Ц
l																	_					APNHC	0
L																	18,753		6,277	5,662	6,814	,ĭ_c ₩	
l																						Š	T
l	ω	0	0	٥	0	0	0	0	۰			0	0	0			1.14%		1.15%	1.06%	1.22%	0	
																					250	VAPH	Ω
F							Н	L									726,764		200,095	275,908	,761	SP 🎉	Н
								ĺ									44.34%		36.64%	51.54%	44.98	SEP	IJ
F	0	0	0	0		-	0	1	0	0	0	0	0	0							% 31	MAPLIC VAPNHOT_C PURPHINDT_E VAPHISP PRIMPHED PRIMITE PROPHERY	H
L																	936,220		315,680	313,502	17,038	9	S
																	57.		57.	58.	55.	Propt	ļ
L	0	٥	0	l	0		0	0	u	o	٥		0				57.12%		57.80%	58.56%	55.08%	9	

NM_PlanEmod_Matrix_poli_formatted.xlsx 6-VAPRace_OMB

23	22	21	20	19	18	17	16 45%	15	14	13	12	11	10	9	8	7	တ	η 1	·ω	2	_	
	<u> </u>	ě	20% 29.9%	30% - 349%	35.0%	40% - 469%	45% 45.9%	50% 54 9%	ě	å	85% - 69.9%	70% 79.9%	\$668-9409	900g			STATETOTAL	e e	002	001	DISTRICT	Α
																						8
																	1,638,989	040, I48	535,351	557,489	VAPTOT	C
																	82.57%	05.19%	80.43%	82.05%	Percent for	D
																	876, 177	211,310	289,666	309,133	VAPWH_A	_
	0	0	0	0	0	0	0	2	_	0	0	0	0	0			53.46%	00.79%	54.11%	55.45%	VAPTOT PARRATOR VAPWH_A PLAPBHHA VAPBL_W PLAPBL W VAPNA_W PLAPBHA W VAPAS_W PLAF	F
																	38,210	0,00	11,487	17,872	VAPBL_W	ଜ
	ယ	0	0	0	0	0	0	0	0	0	0	0	0	0			2.33%	1.0276	2.15%	3.21%	WAPEL W	Ξ
																	159,106	004,400	25,891	28,779	VAPNA_W #	
	2	1	0	0	0	0	0	0	0	0	0	0	0	0			9.71%	19.1270	4.84%	5.16%	M WASTA	ے
																	32,623	0,4/	6,601	17,551	VAPAS_W 🖁	~
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			1.99%	1.00%	1.23%	3.15%	W SECTOR	
																	2,757	140	862	1,051	VAPPI_W #	≤
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			0.17%	0.10%	0.16%	0.19%	WAPPI W	z
																	244,359	00,274	96,078	83,007	/APOT_W	0
	0	3	0	0	0	0	0	0	0	0	0	0	0	0			14.91%	1.90%	17.95%	14.89%	AS W VAPPIW FVAPPIW VAPOTW FVAPCTW PoptionW FPOPICHW	٦
																	762,812	200,771	245,685	248,356	PopMonW 1	۵
	0	0	0	0	0	1	2	0	0	٥	0	٥	0	0			46.54%	43.2170	45.89%	44.55%	Wurndada	Z

NM_PlanEmod_Matrix_poil_formatted.xlsx 6A-VAPNHRace_OMB

П	_	2	ω	4 10	7 6	œ	9	10	1	12	13	14	15	16	17	18	19	20	21	22	23
Α	DISTRICT	98	8	8	0) 16 18		×90%	80%	70% 7	8	Š	5496	30%	-%34	#0% #	á	Š	28%	19%-	ŝ	
	4				OTA A			998	988 8	9%	04.00	268.93g	1.9%	%5 6J	\$5 es%	9,6	94 99%	28.9%	98		
В	<																				
С	APTOT *	557,489	535,351	546,149	1,638,989																
D	VAPTOT PARSESTA	97.61%	98.03%	97.90%	97.84%																
Е	VAPNHWH_A	235,731	210,477	217,854	664,062																
F	PURPHER A	42.28%	39.32%	39.89%	40.52%		0	0	0	0	0	0	0	0	_	2	0	0	0	0	
G	W_TBHN4W	15,270	9,759	7,754	32,783																
Н	AN TERHTALIZACI	2.74%	1.82%	1.42%	2.00%		0	0	0	0	0	0	0	0					0	3	
	VAPNHNA_W	21,975	19,469	97,681	139,125									0					0		
ſ	PRAPNIHWA W	3.94%	3.64%	17.89%	8.49%																
	W_NHAS_W		5,889	6 7,882	6 30,273		0		0	0	0	0	0	0	0	0	0	0		2	
L	A STHHAMA	2.96%	1.10%	1.44%	1.85%																
Μ	₩VAPNHPI_W	746	% 611	% 618	% 1,975		0	0	0	0	0	0	0	0	0	0	0	0	0	ယ	
z	An Lawshadtena	0.13%	0.11%	0.11%	0.12%		0	0	0	0	0	0	0	0	0	0	0	0	0	3	
0	VAPNHOT_W	3,201	2,677	2,798	8,676																
P	PYAPMEN W VAPNHOT W PHARMHOT W VAPHISP PYAPMED PODNOWN PPODNOWN	0.57%	0.50%	0.51%	0.53%		0	0	0	0			0	0						3	
Q	VAPHISP	5 250,761	275,908	200,095	726,764		_	Ī)							
R	PVAPHIS	44.98%	51.54%	36.64%	44.34%		_	_	_	_	_	_		_			_	_	_	_	
S	* Paphania	6 321,758	6 324,874	328,295	% 974,927		0	0	0	0	0	0		0			0	0	0	0	
⊣	Managada	57.72%	60.68%	60.11%	59.48%		0	0	0	0	2	_	0	0	0	0	0	0	0	0	

NM_PlanEmod_Matrix_poli_formatted.xlsx Statewide Races

43.71% 35.62% 47.11% 47.11% 42.78% 2016 61.04% 46.88% 59.37% 56.41% 54.89% 54.89% 55.12% 52.466%		#kson % 34.81% 49.40% 35.78% 35.20% 37.38% 52.05% 39.05% 42.08% 43.02% 43.02% 43.02% 43.02% 43.02%	91,531 91,531 96,256 96,256 286,758 (All Election COAREDS 1,320,080 1,315,381 1,305,557	Court of Appeals (All Elections) CoADems CoADems CoAReps Co 1,748,693 56.98% 1,320,080 1,096,285 45.46% 1,315,381 1,789,667 57.88% 1,302,557	1,748,693 1,096,285 1,789,667	13%		Supreme Court (All Elections except 2014) Dens SupReps SupReps 0.84,653 56.27% 842,901 43.7 685,631 45.57% 819,012 54.2 7,127,438 58.52% 799,011 41.2 7,227,438 58.52% 799,011 41.2	Supplems Court (All Elections e. Supplems Supplems % Supplems % 1,084,653 56.27% 842,90 685,631 45.57% 819,01 1,127,438 58.52% 799,01	DISTRICT 1 2 2 3
111 33 23 23 23 23 23 23 23 23 118 1.8 1.8 1.8 1.8 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9		rkson % 34.81% 49.40% 35.78% 39.20% 37.38% 52.05% 39.05% 42.08% 43.02% 43.02%	91,531 91,531 96,971 96,256 286,758 (All Electi ©ARREDS 1,320,080	rt of Appeals aADens % 56.98% 45.46%	1,748,693 1,096,285	73%		Court (All El upDems % 56.27% 45.57%	Supplems & 1,084,653 685,631	DISTRICT 1 2
111 132 23 23 23 170 170 170 170 171 171 171 171 171 171		rkson % 34.81% 49.40% 35.78% 39.20% 37.38% 52.05% 39.05% 42.08% 43.02%	91,531 98,971 96,256 286,758 286,758 (All Election CoARReps 1,320,080	rt of Appeals oADems %	1,748,693	73%		Court (All El upDems % S 56.27%	Supperns S 1,084,653	DISTRICT
111 132 132 23 23 23 24 25 26 36 45 170 170 170 170 171 171 171 171 171 171		#kson % 34.81% 49.40% 35.78% 39.20% 37.38% 37.38% 42.08%	91,531 98,971 98,975 96,256 286,758 (All Election	rt of Appeals	CoADens t		· ***** **	Court (All El	Suppreme	DISTRICT
111 33 23 23 23 23 23 23 23 24 18 18 18 18 19 19 19 19 19 19 19 19		rkson % 34.81% 49.40% 35.78% 39.20% 37.38% 52.05% 39.05% 42.08%	91,531 98,971 98,256 96,256 286,758 (All Election	rt of Appeals	I TO BE THE TANK OF THE PARTY O		ections exc	Court (All El	Supreme	
111 332 332 332 333 445 445 445 445 445 45 466 466 477 477 477 477 477 477 477 477		8888			Cou	4F1UC +u=				
111 332 332 33 23 23 23 23 24 44 45 45 45 45 47 47 47 47 47 47 47 47 47 47 47 47 47		88888								
33 2 3 3 2 3 3 2 3 3 2 3 3 2 3 3 3 3 3		8 8 8 8 8 8 8 8	<u> </u>	57.92%	394,737	46.85%	326,201	53.15%	370,046	Statewide
111 332 332 332 333 445 445 445 45 4770 4770 4770 4770 4770		8 8 8 8 8 8	91,531 98,971	60.95%	150,237	42.98%	109,579	57.02%	145,394	w
33 23 33 23 33 23 33 24 34 44 5 4 5 7 7 0 4 4 5 1 8 5 1 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1		8 8 8 8 8 8	91,531	47.95%	91,178	57.82%	109,401	42.18%	79,797	N
111 132 23 23 23 23 23 23 24 25 27 27 28 28 29 31 29 31 31 31 31 31 31 31 31 31 31 31 31 31		88888	Officer	62.62%	153,322	42.54%	107,221	57.46%	144,855)
111 132 23 23 23 24 166 170 170 170		8 8 8 8 8)	Schenberg %	Eichenberg Eichenberg W	HMontoya %		LMontoya % Hmontoya	Lmontoya L	DISTRICT
43.71% 98,011 35.62% 91,332 47.11% 104,123 42.78% 293,466 2016 Espinoza Espin 61.04% 107,045 46.88% 116,118 59.37% 111,570 56.41% 334,733	Oner 167,723 102,491 163,013 433,227	Clarkson % 34.81% 49.40% 35.78% 39.20%	σ.	2018				2022 (not in index)		
43.71% 98,011 35.62% 91,332 47.11% 104,123 42.78% 293,466 2016 Espinoza Espin 61.04% 107,045 46.88% 116,118 59.37% 111,570 56.41% 334,733	One 167,723 167,723 102,491 163,013 433,227	Clarkson % 34.81% 49.40% 35.78% 39.20%	Irer	Treasurer						
43.71% 98,011 35.62% 91,332 47.11% 104,123 42.78% 293,466 2016 Espinoza Espin 61.04% 107,045 46.88% 116,118 59.37% 111,570 56.41% 334,733	Other 167,723 102,491 163,013 433,227	Clarkson % 34.81% 49.40% 35.78% 39.20%								
43.71% 98,011 35.62% 91,332 47.11% 104,123 42.78% 293,466 2016 Espinoza Espin 61.04% 107,045 46.88% 116,118 59.37% 111,570	Officer 167,723 102,491 163,013	Clarkson % 34.81% 49.40% 35.78%	257,309	60.80%	399,111	43.89%	300,732	56.11%	384,477	Statewide
43.71% 98,011 35.62% 91,332 47.11% 104,123 42.78% 293,466 2016 Espinoza Espin 61.04% 107,045 46.88% 116,118	Oliver 167,723 102,491	Clarkson % 34.81% 49.40%	84,901	64.22%	152,364	40.65%	101,593	59.35%	148,358	ω
43.71% 98,011 35.62% 91,332 47.11% 104,123 42.78% 293,466 2016 Espinoza Espin 61.04% 107,045	Oliver 167,723	Clarkson %	89,688	50.60%	91,867	56.37%	104,355	43.63%	80,757	2
43.71% 98,011 35.62% 91,332 47.11% 104,123 42.78% 293,466 2016 Espinoza Espin	Oliver	Clarkson %	82,720	65.19%	154,880	37.89%	94,784	62.11%	155,362	1 44
43.71% 98,011 35.62% 91,332 47.11% 104,123 42.78% 293,466 2016			Clarkson	Hiver %	Oliver (Trujillo		Oliver C	DISTRICT
43.71% 98,011 35.62% 91,332 47.11% 104,123 42.78% 293,466			n index)	2018 (not in index)			in index)	2022 (not in index)		
43.71% 98,011 35.62% 91,332 47.11% 104,123 42.78% 293,466	Ī		of State	Secretary of State	_	_		_	_	
43.71% 98,011 35.62% 91,332 47.11% 104,123	219,375	42.80%	298,051	57.20%	398,378	46.73%	324,665	53.27%	370,146	Statewide
43.71% 98,011 35.62% 91,332		39.13%		60.87%	153,468	42.61%	108,219	57.39%	145,756	IJ
43.71% 98,011	50,526	52.38%	101,424	47.62%	92,206	58.07%	108,383	41.93%	78,272	N
	76,112	39.08%	97,976	60.92%	152,704	42.51%	108,063	57.49%	146,118	944
g % Martinez Martinez %	King King %	Pearce %	Pearce	Grisham %	Grisham (Ronchelli %		disham % F	Grisham Grisham % Ronchetti	DISTRICT
2014			œ	2018			in index)	2022 (not in index)		
_	_		nor	Governor		_				
	,		T		,				,	
335.829	415.356	45.35%		54.65%	385.236	44.48%	401.883	55.52%	501.599	Statewide
59.81% 110.287 40.19%	164 159	41.73%	105,702	58.27%	147.568	41.53%	132,845	58.47%	187,033	μ h
77.25% 111,795 42.75%	101	41.52%	111, 102	36.06%	145,105	56.75%	142,554	01.23%	200,016) p.
200 E7 250/ 111 703 / 77 750/	1/0 700	71 278/	100 105	/00/ 03 7/ 1/03/1999	1/15 103			-2000	200 01°	ייינו
2012	2	4		91.07				88 99 w	7	
22			ent	President			S.	9		
		45.93%	6,398,942	54.07%	7,532,367	45.87%	11,445,540	54.13%	13,506,401	Statewide
		41.87%	2,101,568	58.13%	2,917,105	41.98%	3,807,463	58.02%	5,261,603	3
		54.50%	2,134,393	45.50%	1,781,916	54.57%	3,822,718	45.43%	3,182,545	N
		43.29%		56.71%	2,833,346	42.98%	3,815,359	57.02%	5,062,253	14
		Rep %	Rep	677.76	9	60°0	řep	8	Oem D	DISTRICT
		æ	osite Scor	udicial Composite Score	_		ite Composite Score	State Compo		

NM_PlanEmod_Matrix_poli_formatted.xlsx Statewide Races

				50.07%	250,016	49.93%	249,347	45.77%	297,379	54.23%	352,335	45.02%	310,815	54.98%	379,566
				44.86%	85,824	55.14%	105,489	42.28%	99,437	57.72%	135,728	40.84%	103,550	59.16%	149,974
				58.63%	80,990	41.37%	57,140	54.32%	98,096	45.68%	82,507	56.49%	104,828	43.51%	80,742
				48.97%	2	51.03%	86,718	42.68%	846	57.32%	134,100	76%		59.24%	148,850
				Dunn %	Dunn D	Powell %	Powell F	Lyons %		Richard Richard % Lyons	Richard R	Byrd %		Richard Richard % Byrd	Richard F
					4	2014				20			2022 (not in index)	2022 (no	
									Land Commissoner	Land Con					
45.75%	228,038	54.25% 228,038	270,392	42.44%	291,714	57.56%	395,708	38.06%	245,696	61.94%	399,774	51.64%	262,138	48.36%	245,521
42.20%	80,551	57.80%	110,347	39.06%	97,098	60.94%	151,463	34.73%	83,068	65.27%	156,080	48.91%	94,952	51.09%	99,194
54.52%	74,961	45.48%	62,531	51.22%	97,978	48.78%	93,309	48.57%	83,857	51.43%	88,795	60.97%	85,288	39.03%	54,600
42.65%	72,526	57.35%	97,514	39.03%	96,638	60.97%	150,936	33.71%	78,771	66.29%	154,899	47.17%	81,898	52.83%	91,727
vrago⊓ %	\ragon A	Celler % A	Seller *	# % nosauk	Johnson Jo	Calon Colon % Johnson Johnson % Keller Keller % Aragon Aragon %	Colon t	Sanchez %		Maestas Maestas % Sanchez	Viaestas N			Oliver % Duran	
		2014			o o	2018			×	2022 (not				22	
						Auditor							secretary or state	Secretar	
				41.73%	211,309	58.27%	295,010	35.11%	231,326	64.89%	427,550	44.69%	313,999	55.31%	388,542
				36.48%	70,760	63.52%	123,233	31.87%	76,070	68.13%	162,621	40.78%	104,783	59.22%	152,155
				51.33%	71,665	48.67%	67,942	45.42%	82,916	54.58%	99,654	56.04%	106,727	43.96%	83,734
				39.88%	68,884	60.12%	103,835	30.44%	72,340	69.56%	165,275	0.17%	189	59.83%	152,653
				Riedel %		Balderas Balderas % Riedel	Balderas I	Balderas Balderas % Hendricks Hendricks %	Hendricks I	alderas % F	Balderas E	Gay %	Gay G	onez% (Tonez T
					4	2014			2018 (not in index)	2018 (not			2022 (not in index)	2022 (no	
									Attorney General	Attorney					
47.03%	351,316	52.97% 351,316	395,722	44.44%	229,106	55.56%	286,417	36.08%	212,777	63.92%	377,003	46.87%	418,480	53.13%	474,462
43.98%	119,878	56.02% 119,878	152,679	38.63%	76,464	61.37%	121,492	32.12%	68,688	67.88%	145,162	43.41%	137,802	56.59%	179,626
52.77%	110,928	47.23% 110,928	99,287	52.74%	74,833	47.26%	67,050	46.30%	76,914	53.70%	89,207	56.16%	141,427	43.84%	110,417
45.60%	120,510	54.40% 120,510	143,756	9%	77,809	55.71%	375	32.02%		67.98%	_	43.02%	139,251	%	184,419
Vilson %	Wison W	% uosiiM uosiiM % uauueH uauueH	teimich t	Weh %	Weh W	Udall % '	1 BEDU	Rich %	Rich I	Heinrich % F	Heinrich +	anchetti %	Ronchetti Ronchetti %	l %inefn⊤	Lugar L
		2012			4	2014			2018 (not in index)	2018 (not			2020	21	
							Ø	US Senate							

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Judicial

24 AQ%	328,760	55.51%	410,187	45.19%	338,103	54.81%	410,023	Statewide
40.35%	108,447	59.65%	160,308	40.12%	109,085	59.88%	162,798	3
50.36%	106,615	49.64%	105,102	50.70%	108,450	49.30%	105,441	2
43.99%	113,698	56.01%	144,777	45.96%	120,568	54.04%	141,784	1
Hanisee %		Zamor	Zamora	Kennedy %	Kennedy	Vigit12 Vigit12 % Kennedy	Vigil12	DISTRICT
	Ĭ	Contest 1			Contest 1	60		
	als (2012	Court of Appeals (2012)		(2)	Supreme Court (2012)	supreme		
				50.90%	246,861	49.10%	238,131	Statewide
				45.85%	85,068	54.15%	100,482	3
				57.46%	77,345	42.54%	57,263	ಬ
				51.23%	84,448	48.//%	80,386	1
				Hanisee %	Harusee	Kiernan Kiernan % Hanisee	Kiernan	DISHRICH
					Contest 1	Co		
				74)	Court of Appeals (2014)	Court of A		
41.52%	35/,83/	52.48%	395,227	52.00%	396,303	48.00%	305,/90	Statewise
43.42%	116,606	56.58%	151,955	45.78%	124,500	54.22%	147,450	y
53.17%	114,662	46.83%	100,974	55.25%	119,986	44.75%	97,170	~
47.07%	126,569	52.93%	142,298	55.61%	151,817	44.39%	121,170	۳
French %	_>>>>	Vargas Vargas % French	Vargas	Nakamura %	vakamura	VIGH VIGH % Nakamura	WIGH.	ואאנטש
* *	0 3 000	Contest 1		* *	Contest 1			7
ľ	als (2016	Court of Appeals (2016)		16)	Supreme Court (2016)	Supreme		
45.42%	308,146	54.58%	370,314	40.83%	278,502	59.17%	403,573	Statewide
41.84%	102,447	58.16%	142,427	36.34%	89,495	63.66%	156,752	w
53.07%	100,565	46.93%	88,938	50.06%	95,274	49.94%	95,060	N
43.07%		56.93%	138,949		93,733	61.82%	151,761	ı
French %	*****	toners % subrepos subrepos	Bogardus	Clingman %	Slingman	ueuduijo % 8tpbjA 8tpbjA	(81/10/A	DISTRICT
	#1	Contest 1			Contest 1	Co		
)	als (2018	Court of Appeals (2018)		(8)	Supreme Court (2018)	Supreme		
45.85%	406,799	54.15%	480,479	44.32%	394,583	55.68%	495,/48	Statewide
42.09%	132,123	57.91%	181,764	40.70%	128,179	59.30%	186,735	3
55.62%	140,563	44.38%	112,158	54.35%	137,396	45.65%	115,400	N
41.82%	134,113	58.18%	186,557	39.99%	129,008	60.01%	193,613	₩
Morris %		Thomson Thomson % Morns	Thomson	Fuller	Fuller	Bacon Bacon % I	Bacon I	DISTRICT
		Contest 2			Contest 1	Co		
			ourt (2020)	Supreme Court (2020)		_		
10.00/0	010,101	07:10/6	2, 2,, 22	7, 23, 63	020,700	25.370	700,52	
75.85	318 18/	5/1 15%	375 785	7020 27	378 750	52 73%	366 336	CP TO THE TANK
41 55%	105 343	58.45%	148 195	43.41%	110 286	%65 95 %46.T4	143,744	<i>.</i> ,
57.01	107 605	7000		7050 62	100 739	11 010/	79 775	ů.
41.81%	<u></u>	146,463 58.19% 105,23	146,463	43.07%	108,426	143,305 56.93% 108,4;	143,305	1
Spring &		Zamma %	Zamnra		Sort S	Vargas %	Varran I	
	÷2	Contest 2			Contest 1	S)		
			wirt (2022)	Supreme Court (2022)				

NM_PlanEmod_Matrix_poli_formatted.xlsx Judicial

45.50%	306,814	54.50%	367,522	42.21%	285,554	57.79%	390,971	42.19%	285,681	57.81%	391,429
42.45%	103,483	57.55%	140,303		92,/13	62.05%	151,58/	37.82%	92,514	62.18%	152,122
J3.01/6	102,103	40.35%	440,000	37.13%	170,06	40.00%	25,473	37.62/	20,400	49.34%	25,720
53.61%	101 236	765 9V	87 595	51 15%	96 821	18 85%	92 /79	20 /e%	95 //69	70 EV%	92.726
42.24%	102,095	57.76%	139 624	39.53%	96,020	60.47%	146,905	40.16%	97,698	59.84%	145,581
Gallegos %	Gallegos	Duffy %	Duffy	Kiehne %	Kiehne	Medina Medina %, Bohnhoff Bohnhoff % Zamora Zamora Kehne Kiehne % Duffy Duffy % Gallegos	Zamora	Bohrhoff %	Bohnhoff	Medina %	Medina
	251.4	Contest 4			ω	Contest 3			Contest 2	Con	
				8)	ais (201	Court of Appeals (2018)					
48.16%	424,149	51.84%	456,615	45.14%	54.86% 370,770	54.86%	450,547	47.51%	419,927	52.49%	464,012
45.42%	141,568	54.58%			58.51% 120,743	58.51%	170,269	44.63%	139,640	55.37%	173,277
57.83%	145,284	42.17%	105,949		45.08% 128,650	45.08%	105,590	57.19%		42.81%	107,876
43.20%	137,297	56.80%	180,522	41.00%	59.00% 121,377	59.00%	174,688	42.68%	136,169	57.32%	182,859
менцеуа %	Montoya	tonalem romalem a Montoya Montoya %	i di di lei i	ree %	red.	Hericarson Hericarson & Lea	Tenderson	Wes IVes /6 Johnson Johnson /6	JOHNSON	17 S. 37.	1408
	3.0	Collesia			•	Z 1Sallion		2	Collesti	. Con	
	Š.	2		3		200				2	
		_		9 1	als (202	Court of Appeals (2020)					
							,				
					54.11% 297,028	54.11%	350,169	46.72%	306,491	53.28%	349,521
				41.61%	98,183	58.39%	137,754	42.11%	101,145	57.89%	139,039
				56.98%	43.02% 100,451	43.02%	75,847	58.16%		41.84%	74,946
				41.88%	98,394	58.12%	136,568	42.74%	101,181	57.26%	135,536
				Lee %		whay Wray % Lee	Aeuna	Haca Laca % Johnson Johnson %	Johnson	Daca %	Daca
						Contest 2		×	Contest I	Con	ı
					•	ı	Court of Libbonia (Fore)	0000		2	
						27	COCI steams	Court of D			

Prepared by Election Data Services, Inc.
-- 3:36 PM 8/23/2023

NM_PlanEmod_Matrix_poli_formatted.xlsx General Stats

7 Turnout 276,318 223,830	1 ! : : :	0					
% Other	_	78,789	35.1%	129,518	43.5%	160,326	u N
% Other	2	99,098	32.5%	143,414	45.0%	198,420	₩
	%	Registered Other	% GOP	30P	% Dem	Registered Dems	DISTRICT
		General Election Turnout (2012)	etion Tu	General Ele			
2%	22.2%	285,778	31.2%	401,325	46.6%	600,541	Statewide
%	20.2%	91,917	27.3%	124,227	52.6%	239,667	ω
%	22.9%	87,115	34.9%	132,662	42.2%	160,389	N
8	23.6%	106,746	32.0%	144,436	44.4%	200,485	μ
ਨ	% Other	General Election Turnout (2014) tered GOP % GOP Registered Other	ection Tu % GOP	General Ele Registered GOP	% Dem	Registered Dems	DISTRICT
				,		,	
١,٠	22.5%	289,662	31.0%	399,911	46.5%	599,809	Statewide
۱,۰	20.2%	90,136	27.5%	122,807	52.4%	234,337	w
- 1	23.4%	87,433	35.4%	132,527	41.2%	154,143	N
	24.0%	112,093	30.9%	144,577	45.2%	211,329	1
227.000 2000000	% Other	General Election Turnout (2016) tered GOP % GOP Registered Other	% GOP	General Ele Registered GOP	% Dem	Registered Dems	DISTRICT
				,			
	23.8%	300.276	30.4%	382,929	45.8%	578,322	Statewide
,	21.4%	95,856	27.1%	121.272	51.5%	230,434	ω
- 1	24.6%	92,280	35.3%	132,426	40.1%	150,196	N
	25.5%	112,140	29.4%	129,231	45.0%	197,692	μ
	% Other	Registered Other	% GOP	Registered GOP	% Dem	Registered Dems	DISTRICT
000000		General Election Turnout (2018)	iction Tu	General Ele			
	23.5%	317,165	31.3%	422,561	45.2%	610,516	Statewide
	21.4%	101,287	28.1%	133,214	50.5%	239,492	3
	24.4%	98,708	37.2%	150,757	38.4%	155,368	N
	24.9%	117,170	29.4%	138,590	45.7%	215,656	1
- M. I.	% Other	Registered Other	% GOP	Registered GOP	% Dem	Registered Dems	DISTRICT
55555		General Election Turnout (2020)	iction Tu	General Ele			
	24.6%	335,679	31.1%	423,911	44.2%	602,431	Statewide
	22.6%	107,761	28.1%	134,433	49.3%	235,585	3
_	25.8%	105,797	37.3%	152,913	36.9%	151,570	2
- :	25.8%	122,121	28.8%	136,565	45.4%	215,276	μ
Ų.	; ;	- Action Colors	3 G C T	Registered GOF	۵ ر و :::	Treflatered Delita	DISTRICT

Autobound EDGE - Compactness Report

Plan Name: Congress:NM_Congress_Emod

For more information on compactness calculations Click Here



	District Area	Perimeter	Area of Circle with	Perimeter of Circle	Compactness
District	(SQM)	(Miles)	Same Perimeter	with Same Area	Value
	605	165	2,173	87	0.28
)	56,424	1,631	211,597	842	0.27
j	64,564	1,581	198,857	901	0.32

Most Compact: 0.32 For District: 3 Least Compact: 0.27 For District: 2

	District Area	Perimeter	Area of Circle with	Perimeter of Circle	Compactness
District	(SQM)	(Miles)	Same Perimeter	with Same Area	Value
	605	165	2,173	87	0.53
<u> </u>	56,424	1,631	211,597	842	0.52
j	64,564	1,581	198,857	901	0.57

Most Compact: 0.57 For District: 3 Least Compact: 0.52 For District: 2

Compactr	ness measure: R	eock Score			
	District Area	Perimeter	Area of Circle with	Perimeter of Circle	Compactness
District	(SQM)	(Miles)	Same Perimeter	with Same Area	Value
1	605	165	2,173	87	0.44
2	56,424	1,631	211,597	842	0.45
3	64,564	1,581	198,857	901	0.52

Most Compact: 0.52 For District: 3 Least Compact: 0.44 For District: 1

	District Area	Perimeter	Area of Circle with	Perimeter of Circle	Compactness
strict	(SQM)	(Miles)	Same Perimeter	with Same Area	Value
	605	165	2,173	87	1.53
	56,424	1,631	211,597	842	1.61
	64,564	1,581	198,857	901	1.51

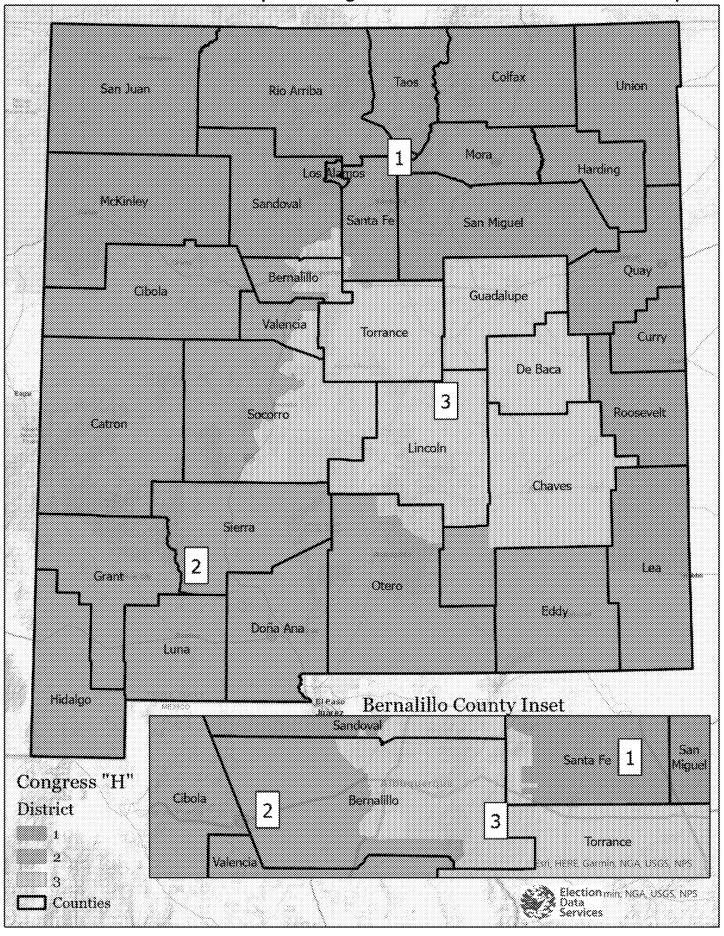
Most Compact: 1.61 For District: 2 Least Compact: 1.51 For District: 3

	District Area	Perimeter	Area of Circle with	Perimeter of Circle	Compactness
District	(SQM)	(Miles)	Same Perimeter	with Same Area	Value
l	605	165	2,173	87	0.79
<u>)</u>	56,424	1,631	211,597	842	0.75
3	64,564	1,581	198,857	901	0.84

Most Compact: 0.84 For District: 3 Least Compact: 0.75 For District: 2

Report Date: 8/23/2023 12:19:38 PM

New Mexico - District Map of Congressional Commission "H" Concept



New Mexico Districts with 2020 Census Data	Guide Pop = VAP = WH = BL= AS= NA, or AI= PI= NH= XX= P= XX= P= A= C= L W= It tables	
Mexico Districts with 2020 Census Data	Guide Pop = VAP = VAP = NA, or A = NH= P= NH= AS= NH= NH= P= AS= NH= NH= P= AS= NH= NH= P= NH= NH= P= NH= NH= NH= NH= NH= NH= NH= NH= NH= NH	
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Mexico Districts with 2020 Census Data	Guide Pop = VAP = WH = BL= NA, or A = P = OT=	
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Mexico Districts with 2020 Census Data Congress 2020 3 Irget) 705,841 0.002% Idow 14 Window 7 mbers) 705,848 ages) 705,834 ages) 705,834 ages) -0.0005% ages) -0.0005%	2020 2020 3 705,841 0.002% 14 0.005% 705,848 0.0005% 705,834 -0.0005%	
New Mexico Districts with 2020 Census Data Number of Members Congress Number of Members 3 Ideal District Size (Target) 705,841 Acceptable Deviation 0.002% Overall Deviation Window 14 One-sided Deviation Wimbers) 705,848 High Range (Raw Numbers) 705,848 High Range (Percentages) 0.0005% Low Range (Percentages) -0.0005% Low Range (Percentages) -0.0005%	2020 705,8 0.002 0.002 0.002 0.0005 5) 705,8 -0.0005	
New Mexico Districts with 2020 Census Data Congress Congress	2020 705,8 0.002 0.002 0.0005 0.0005 0.0005 0.0005	Low Range (Percentac
New Mexico Districts with 2020 Census Data Congress Congress	2020 705,8 0.002 0.002 s) 705,8 0.0005	Low Range (Raw Num
New Mexico Districts with 2020 Census Data Congress 2020 Number of Members Ideal District Size (Target) Acceptable Deviation Overall Deviation Window One-sided Deviation Window High Range (Raw Numbers) New Mexico Districts with 2020 Census Data Congress 2020 3 Congress 705,841 0.002% 0.002% 77 77 98 99 90 90 90 90 90 90 90 90 90 90 90 90	2020 705,8 0.002	High Range (Percenta
New Mexico Districts with 2020 Census Data Number of Members Congress Congress Ideal District Size (Target) 705,841 Societable Deviation Window 9 Societable Deviation Window 14 S	2020 705,8 0.002	High Range (Raw Num
New Mexico Districts with 2020 Census Data Congress Congress	2020 705,8 0.002	One-sided Deviation V
New Mexico Districts with 2020 Census Data Congress 2020 Number of Members Ideal District Size (Target) Acceptable Deviation New Mexico Districts with 2020 Census Data Congress 2020 3 0.002%	2020 705,84 0.002°	Overall Deviation Wind
New Mexico Districts with 2020 Census Data Congress 2020 Number of Members 1705,841 Number of Members 1705,841	2020 705,84	Acceptable Deviation
New Mexico Districts with 2020 Census Data Congress 2020 Number of Members New Mexico Districts with 2020 Census Data		ldeal District Size (Tar
New Mexico Districts with 2020 Census Data Congress 2020	2020	Number of Members
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New Mexico Districts with 2020 Census Data	Congress	
New Mexico Districts with 2020 Census Data		
	Wexico Districts with 2020 Census Data	New

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		10 Lowest	Highest	Total Dev		STATE TOT		03	20	01	DISTRICT	А
						2,117,522		705,810	705,904	705,808	TAPERSONS	В
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		(33)	63	96				(31)	63	(33)	Raw Dev.	D
		-0.0046%	0.0090%	0.0136%				0.0%	0.0%	0.0%	% Dev.	Е
								705,810			POPTOT	F
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NM_PlanH_Matrix_poli_formatted.xlsx Overview

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	S22	522	5,810 7	5,904 7	5,808 7		ᇙ
			705,810 705,841	05,841	05,841		Total Population
				18 18 18			lation
			31	ස	ü		
			43.88%	29.74%	35,89%		77)
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			38 28 28 28 28	4.98%	17.89%		ics as Pe
			2,709	1.009	1,299	NH Asi	rcent of
			۰ ۵	59.	45	an Hisp	Total Po
			% 5	75% 7	1.29% 40.24% 64.11%	NH Asian Hispanic Minority	pulation
			5.12% **	0.26%	4.11%	inority	•
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			ĸ	70	<i>37</i>		je Papu
			79.8%	75.7%	76.7%		lation

			47.78%	33.64%	39.74%		Rac
			2.37%	1.88	1.37		al Demo
							graphics
			3.67%				as Perce
			2.78%	1.10%	1.37%	NH Asian	int of Yor
			39.77%	55.86%	37.74%	Hispanic	Percent of Voting Population
			52.22%	66.36%	60.26%	Minority	ation
						_	

NM_PlanH_Matrix_poli_formatted.xlsx 1-PopRaceAlone

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																				ס	В
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																100.00%	100.00%	100.00%	100.00%	Percentian	D
																1,078,937	405,236	335,804	337,897	POPWH_A	ш
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																45,904	19,509	15,427	10,968	POPBL_A	G
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0		2.17%	2.76%	2.19%	1.55%	PROPERTY POPINIH A PROMINE A POPBLA PROMISE A POPINA A PROMINE A POPAS A POPINA A POPINA	Ŧ
																212,241	34,242	43,296	134,703	POPNA_A	- -
	2		0	0	0	0	0	0	0	0	0	0	0	0		10.02%	4.85%	6.13%	19.08%	Popula A	د
																37,469	20,024	7,754	9,691	POPAS_A	~
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	ω	0	0	0	0	0	0	0	0	0	0	0	0	0		0.10%	0.12%	0.10%	0.08%	PopPl A P	z
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																422,246	136,008	164,181		OPXX #200	Q
	0	2	_	0	0	0	0	0	0	0	0	0	0	0		19.94%	19.27%	23.26%	17.29%	ZplusRace	æ
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п	HMHNAC	253,	209,943	309,714	772,952																	
┞	Prop	295	943	714	952																	
Ŀ	10 MARKS	35.89%	29.74%	43.88%	36.50%					0	0	0	0	0	0	1	_	0	_		0	
G	POPNHB	9	12	16	38																	
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7	POPNHA	3																				
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7	. #888#	96 40.2			П																	
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ď	MXX MA	0,116	15,772	23,879	59,767																	
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c	PARKER A POPNICT A PROBREST A POPHISP PROBESS POPNIXX PROMISE POPNIAN PROBREST	452,51	495,961	396,096	1,344,570																	
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	<10%	30% -	20%	30%	35% - 39.9%	40%	45%	50% - 54.9%		500	65-8 8-8-8	09	80% - 89 B%	× 90%			STATETOTAL		963	2002	901	DISTRICT	A
																							В
																	2,117,522		705,810	705,904	705,808	POPTOT	C
																	120.82%			124.05%	118.06%	Percentful	D
																	1,485,973		535,765	495,153	455,055	POPWH_C	ш
																	70.18%		75.91%	70.14%	64.47%	PROPERTY OF THE PROPERTY OF POPERTY OF POPERTY OF PROPERTY OF THE PROPERTY OF	П
	0	0	0	0	0	0	0	0	0		0	2	0	0			68,409			6 22,242	6 17,261	POPBL_C	G
	S	0	0	0	0	0	0	0	0	0	0	0	0	0			3.23%		4.10%	3.15%	2.45%	PPopEL C	I
																	263,615			58,160	152,577	ODBEL C POPNA_C	_
	2	0	_	0	0	0	0	0	0	0	0	0	0	0			12.45%		7.49%	8.24%	7 21.62% 14,702	PPODNA C	٦
																	55,997		28,788	12,507	14,702	POPAS_C	~
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			2.64%		4.08%	1.77%	2.08%	apopas c	г
																	6,012		2,258	1,898	1,856	POPPI_C	≤
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			0.28%		0.32%	0.27%	0.26%	Poppi C	z
																	678,288		200,794	285,670	191,824	POPOT_C :	0
	0	0	2	0	0		0	0	0	0	0	0	0	0			32.03%		28.45%	40.47%	27.18%	PopAS_C POPPI_C PROPPI_C POPOT_C PROPOT_C POPNonW PP	Р
																	631,549		170,045	210,751	250,753	PopNonW	Q
	0	0	2	0		0	0	0	0	0	0	0	0	0			29.82%		24.09%	29.86%	35.53%	PPopNonW	ע

NM_PlanH_Matrix_poli_formatted.xlsx 2A-PopNHRace_Combo

23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	œ	7	ග	4 rC	. C	2	_	П
	410% W	10% 38.99	20% - 29.89	30%-34.90	35% 38.99	40% 45.90	45% - 49 <i>8</i> %	50% - 54 89	95% - X9 98	50% 64.99	E8% - 88.99	58.62 + 960£	9E-90E8	V 90%			9143E 101	Š	200	8	DISTRICT	A
					*												2					В
																	2,117,522	705,610	705,90	705,808	POPTOT	С
																	2 103.01%	103.61	4 102.38	8 103.04	Percents.	D
																	% 827,854	331,	% 224,	% 271,	DESCRIPTION POPNHWH_C RESERVE	Е
																	854	980	422	736	CPR	H
	0	0	0	_	1	0	1	0	0	0	0	0	0	0			39.10%	47.00%			2.00	
																	51,565	22,086	16,136	13,343	POPNHBL_C	G
																	2.4	3.13%			8	Ξ
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			2.44% 21				Ndod	_
																	214,685	55,523	42,079	136,083	A 0 32	L
	2	_	0	0	0	0	0	0	0	0	0	0	0	0			10.14%	5.17%	5.96%	19.28%	O WHITE	J
																	48,249	107,07	10,124	12,868	POPNHAS_C	ス
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			2.28%	3.56%			PPODMINAS C	١
																	4,059	1,506			HINDO	Ν
																	0.19%	0.21%				z
	ω	0	0	0	0	0	0	0		0	0	0	0	0			6 24,047	9,192			SPOPNHOT_C	0
																	.7 1.14%	1.30%			SWHALE POPNHOT_C PROBUNION C POPHISP PROBUMED POPHISM PERMINDING	P
	ω	0	٥	0	S	S	J	9	0	0	0	0	0	0			1,010,811	303,046			[®] POPHISP	Q
	_		-				_	1		_		٠	٠	-			1 47.74%	43.22%			DP-00Hisp	R
	0	0	0	0)	.5)	7			0	0)				6 1,289,668	0 3/4,114	Т		PopNonW	S
	0	0	0	0	0	0	0	1	0		_	0	0	0			60.90%	33.00%			PPODMONW	Т

NM_PlanH_Matrix_poli_formatted.xlsx 3-PopRace_OMB

23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	00	7	6	5	4	ω	2	_	
	10%	10%-1	20%	30%-3	35%	40% - 46	45% 48	50% 5	55%	60% 64	65% 66	70%	80% -86	×90%			STATE		9	G 2	9	DISTRICT	
		1000%	28 88 8	349%	39 9% *	459%	49 9%	549%	0100 00 00 00 00 00 00 00 00 00 00 00 00	.	000000000000000000000000000000000000000	ğ,	98				1410					4	⊳
																						B	В
																	2,117,522		705,810	705,904	705,808	PTOT	ဂ
																	81.53%		82.32%	78.14%	84.12%		D
																	1,078,937		405,236	705,904 78.14% 335,804	337,897	POPWH_A	ш
																	50.95%		57.41%	47.57%	47.8	PPODWH	F
	0	0	0	0	0	0	2	0	_	0	0	0	0	0			5%		1%	7%	7%	PO	Н
																	52,604		22,256	17,474	12,874	PBL_W	G
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			2.48%		3.15%	2.48%	1.82%	Poper W	Ξ
																	221,438		37,382	45,939	138, 117	POPNA_W	_
	2		0	0	0	0	0	0	0	0	0	0	0	0			10.46%		5.30%	6.51%	19.57%	PART A POPBL W PROPEL W POPNA W PROPER W POPAS W	ر
	10			0		0	0)	0)	0	0)			40,821		21,378	8,818	10,625	POPAS_W	~
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			1.93%		3.03%	1.25%		7	П
																	3,641		1,333	1,218	1,090	POPPI_W	×
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			0.17%		0.19%	0.17%	0.15%	M ladbad	z
	<u> </u>	0)))))))))			328,890		93,422	142,317	93,151	POPOT_W	0
	0	2	_	0	0	0	0	0	0	0	0	0	0	0			15.53%		13.24%	20.16%	13.20%	DAS_W POPPLW FROMPLW POPOT_W PROPOT_W ForWork	Р
					١	1	ו			١	1	,	1				1,038,585		300,574	370,100	367,911	PopNonW	Q
	0	0	0	0	0	1	0	2	0	0	0	0	0	0			49.05%		42.59%	52.43%	52.13%	Muchdoda	χ,

DISTRICE DOPTOT	
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### SOPHHAS_W PONHII ### 150%	۲
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SOPNHAS, W. POPNHEP, W. 1983. 9.863 1.37% 7.619 1.75% 7.659 1.75% 2.40% 66 19.767 2.80% 60 19.769 1.75% 2.44 6. 37.089 1.75% 2.40 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0	
17.767 2.90% 2.44 37.099 1.75% 2.45 37.099 1.75% 2.45 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	r
7,099 1,75% 2,44 0,000 0 0,000 0 0,0	7
1,37% POPNHPI P! 1,37% P? 1,37% P? 1,37% P? 1,37% P? 1,30% R8 1,30% P? 1,24% P? 1,75% P? 2,4% P? 1,75%	L
1.75% POPAHPI 7: 1.09%	
77 25% 2.45 2.45 2.45 2.45 2.45 2.45 2.45 2.45	_
20 NHPI 71 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	L
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3.539 3.539 4.245 111.333	L
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0.50% 0.50% 0.60% 0.60% 0.60%	L
OPHSER 021,779 421,779 305,046 1,010,811	£
911 046 B	
2 0.11% POPHIOT_W POPHIOT_	L
75.4% 72.5% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7
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492.513 495.961 336.096 1,344.570	z α
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63.50%	
63.50% 63.0% 0 0 0 0 0 0 0 0 0 0	

23	22	21	20	19	18	17	16	15 88	14	13	12	1	10	9	8	7	ග ගෙ	4 rc	ယ	2		
	10%	0% 19	0% 28	0%-34	5% 3599%	0% 45.9%	5% 49 9%	Q% 54	5% - 69 9%	0% 649%	48.00	9% . 79	0% - 89 9%	90%			41 41 51	Ğ	Ñ	9	DISTRICT	Α
		88	29.9%	3# g%	99 90 90	946	3%	54.9%	9	100 800 800 800 800 800 800 800 800 800	98.66	79.9%	£0 €0				2					
																						₿
																	1,638,989	563,152	534,170	541,667	APTOT	C
																	100.00%	100.00%	100.00%	100.00%	ercentTes	D
																	876,177	336,566	265,433	274,178	VAPTOT POWER VAPWH_A PW	т
	0	0	0	0	0	0				0	0	0	0	0			53.46%	59.76%	49.69%			F
)		0						0		0				34,444	14,911	11,386	8,147	HAM A VAPBLA P	G
	63						-										2.10%	2.65%	2.13%		2004	I
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			6 153,063	25,553	31,656	6 95,854	NAPNA_A	
	2	1	0	0	0	0	0	0	0	0	0	0	0	0			9.34%	4.54%	5.93%	17.70%	MPHL A VAPNA_A HVAPNA A VAPAS A FVAPAS & VAPPI	ل
																	30,378	16,247	6,324	7,807	VAPAS_A	ズ
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			1.85%	2.89%	1.18%	1.44%	PVAPAS A	L
																	1,610	666		4	ι_	s
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			0.10%	0.12%	0.09%	0.08%	V ladyna	z
																	237,491	69,504	100,824	67,163	VAPOT_A	0
	0	3	0	0	0	0	0	0	0	0	0	0	0	0			14.49%	12.34%	18.87%	12.40%	XXAVA V LOGUAN V LOGVA W HANNA	P
																	305,826	99,705	118,047	4		ದ
	0	2	1	0	0	0	0	0	0	0	0	0	0	0			18.66%	17.70%	22.10%	16.26%	EXAMPLE !	æ
																	762,812	226,586	268,737	267,489	мисмаста метонам жинина	S
	0	0	0	0	0	_	_	1	0	0	0	0	0	0			46.54%	40.24%	50.31%	49.38%	PopNonW	Т

32 	31	30	29	28	27	26	25	24	23	22	21	20	19 30	18 5#8	17	16 杂	15 数	14 公	13	12 众	<u>-</u> 1	10	9	œ	7	о ж	5	4 003	3 002	2 001	_	F
			l		l		ľ			G	19.9%	29.8%	34 99 1	3660:36	3 45 83 ···	%6.6tr %et)% - 54.9% · · ·	\$6.00 S\$ 98.	\$ \$4.69 14.69 1	5% - 69 9%	78.89 	9%-89-9%	8			STATE TOTAL			×	7	1334150	L
																										1,638,989		563,152	534,170	541,667	VAPTOT	c
																										39 100.00%	Г		70 100.00%	100.00	· Section Co	_
																													% 179	% 215	MAHNAV	-
																										664,062		269,075	179,709	5,278	News W.	L
										0	0	0	_	_	0	1	0	0	0	0	0	0	0			40.52%		47.78%	33.64%	39.74%	A W HANDER	_
																										30,778		13,334	10,031	7,413	APNHBL_A	٥
										ယ	0	0	0		0	0	0	0	0	0	0	0	0			1.88%		2.37%	1.88%	1.37%	W TEHNISKA	
																										137,360		20,645	26,013	90,702	TO CHANGENG V TWINNEYS W THINGSKE W THINGSKE WHO WE HANDERSKE W HAMMADA PROPERTY	
										2	1	0	0	0	0	0	0	0	0	0	0	0	0			8.38%		3.67%	4.87%	16.74%	W THINAW	٠
																										28,989		15,650	5,896	7,443	/APNHAS_A	,
										ယ	0	0	0	0	0	0	0	0	0	0	0	0	0			1.77%		2.78%	1.10%	1.37%	VAPNHAS A PRINCE & VAPNHA A PRINCE	
																										1,199		494	375	330	WHHHA	141
										3	0	0	0	0	0	0	0	0	0	0	0	0	0			0.07%		0.09%	0.07%	0.06%	W HHNSWA	
																										7,925		3,058	2,376	2,491	VAPNHOT_A	·
										ω	0	0	0		0	0	0	0	0	0	0	0	0			0.48%		0.54%	0.44%	0.46%	WHEN A VAPNHOT_A PAREMENT A VAPHISP PROPRIES VAPNHXX PAREMENT POLICE OF THE WORLD	_
																										726,764		223,970	298,389	204,405	VAPHISP #	£
										0	0	0	0	2	0	0	0	_	0	0	0	0	0			44.34%		39.77%	55.86%	37.74%	1 SHILLING	_
																										41,912		16,926	11,381	13,605	APNHXX	,
										ω	0	0	0	0	0	0	0	0	0	0	0	0	0			2.56%		3.01%	2.13%	2.51%	C XX HREEVA	_
																										974,927		294,077	354,461	326,389	f Metonydea	ļ
										0	0	0	0	0	0	0		0		_	0	0	0			59.48%		52.22%	66.36%	60.26%	spapstones.	•

23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8 7	ဝ	ъ	4	ဒ	2	_	
	30%	%6.61 %01	20% 29.9%	368 - 9486	35% - 35 9%	40% 455%	%8 BP - %ST	50% - 54.9%	55% 559 9%	965 704 360	65% - 69 9%	70% 759%	%8 BB - \$08	× 90%		STATE TOTAL		003	202	001	DISTRICT	Α
																						В
																1,638,989		563,152	534,170	541,667	VAPTOT	C
																119.36%		118.53%	122.76%	116.87%	20120010E	D
																1,172,164		432,706	380,295	359,163	VAPTOT #WWW.TW VAPWH_C #	Е
	0	0	0	0	0	0	0	0	0	0	_	2	0	0		71.52%		76.84%	71.19%	66.31%	WAS DIBON O HANDEN	П
																46,422		20,091	14,956	11,375	VAPBL_C	G
	3	0	0	0	0	0	0	0	0	0	0	0	0	0		2.83%		3.57%	2.80%	2.10%	O 18dt/e	I
																188,477		38,626	42,152	107,699	VAPBL C VAPNA_C FVA	_
	2	1	0	0	0	0	0	0	0	0	0	0	0	0		11.50%		6.86%	7.89%	19.88%	2 Wilder	J
																41,222		21,347	9,237	10,638	APPLA C VAPAS C	~
	3	0	0	0	0	0	0	0	0	0	0	0	0	0		2.52%		3.79%	1.73%	1.96%	2 Sedan.	L
																4,204		1,582	1,333	1,289	AS_C_VAPPI_C_PVAPPI_C_VAPOT_C_I	Ζ
	3	0	0	0	0	0	0	0	0	0	0	0	0	0		0.26%		0.28%	0.25%	0.24%	1 3 IddW	z
																503,802		153,137	207,762	142,903	/APOT_C	0
	0	0	2	0	_	0	0	0	0	0	0	0	0	0		30.74%		27.19%	38.89%	26.38%	WAPOT C 1	Р
																466,825		130,446	153,875	182,504	Igoda MuoNdod o LOdi	Q
	0	0	2		0	0	0	0	0	0	0	0	0	0		28.48%		23.16%	28.81%	33.69%	Muchdod	Z)

23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	œ	7	თ	رن ن	4	ω	2		
	× 19%	*D% - 19	20% - 29	30% - 34	35% - 39	40% - 45	45% - 49	50% - 54	55% - 59	50% - 84	95% - 89	70% 79	80%-89	888			57.4 m		003	200	0g1	DISTRICT	⊳
		9%	28.9%	348%	200	45.9%	49.9%	9%6	268	9%	8888	16 15 28	9%				9					4	Ц
																							В
																	1,638,989		563,152	534,170	541,667	VAPTOT	С
																	102.71%		103.18%	102.26%	102.65	Percention	D
																	% 702,769		% 284,737	% 190,	% 227,836	Persent of VAPNHWH_C PX	т
																	769		737	196		Š	Ш
	0	0	0	0	_		0	1	0	0	0	0	0	0			42.88%		50.56%	35.61%	42.06%	**************************************	П
																	38,615		16,738	12,239	9,638	APNHBL_C	G
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			2.36%		2.97%	2.29%	1.78%	VAPNHBL_C PYARMERL C VAPNHNA_C PY	Ι
																	156,344		27,666	31,269	97,409	VAPNHNA_C	_
	2	1	0	0	0	0	0	0	0	0	0	0	0	0			9.54%		4.91%	5.85%		O WRIGHTATA	ے
																	37.072		19,540	7,880	9,652	VAPNHAS_C	~
	3	0	0	0	0	0	0	0	0	0	0	0	0	0			2.26%		3.47%	1.48%	1.78%	DANHAR C	L
																	3.067		1,158	958	951	VAPNHPI_C	M
	3	0	0	0	0	0	0	0	0	0	0	0	0	0			0.19%		0.21%	0.18%	0.18%	PANNAL C	z
																	18.753		7,271	5,330	6,152	VAPNHOT_C	0
	ω	0	0	0	0	0	0	0	0	0	0	0	0	0			1.14%		1.29%	1.00%	1.14%	APNHPI_C PEARMENT C VAPNHOT_C PEARWHOT C VAPHISP	P
																	726,764		223,970	298,389	204,405	VAPHISP	۵
	0	0	0	0	2	0	0	0	_	0	0	0	0	0			44.34%		39.77%	55.86%	37.74%	BANCHED	ZD
																	936,220		278,415	343,974	313,831	PVAPHBS Papyonev PPopManv	S
	0	0	0	0	0	0	1	0	_	_	0	0	0	0			57.12%		49.44%	64.39%	57.94%	PPopMonW	, I

NM_PlanH_Matrix_poli_formatted.xlsx 6-VAPRace_OMB

23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	ပ	2	1	
	10%	10%-169%	20% 250%	30% - 34.9%	35° 35° 36° 36° 36° 36° 36° 36° 36° 36° 36° 36	40% -459%	45% 45.0%	50% 54.9%	25% -359.9%	60% 649%	85% - 69 9%	70% 799%	\$46.68 - %08	25 25 25			STATE TOTAL		503	C02	100	DISTRICT	Α
																							В
																	1,638,989		563,152	534,170	541,667	VAPTOT	C
																	82.57%		83.59%	79.12%	84.90%	Perenter '	D
																	876,177		336,566	265,433	274,178	ROMFO VAPWH_A FV	Е
	0	0	0	0	0	0	1	_	1	0	0	0	0	0			53.46%		59.76%	49.69%	50.62%	V HMdVA	F
																	38,210		16,523	12,543	9,144	W_BL_W	G
	3	0	0	0	0	0	0	0	0	0	0	0	0	0			2.33%		2.93%	2.35%	1.69%	wa m'andan m'abara m'abdan w hmew	н
																	159,106		27,603	33,497	98,006	VAPNA_W	_
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				45.94%	3,938,018	54.06%	4,634,645	45.92%	2,460,924	54.08%	2,897,722	Statewide
				46.51%	1,520,352	53.49%	1,/48,412	47.02%	961,514	52.98%	1,083,396	w
				40.36%	1,137,923	51.42%	1,223,637	40.39%	125,619	51.41%	765,527	×
				78 28%	1 157 973	51 /2%	1 725 657	78 50%	773 879	51 /1%	765 977	٠
				43.14%	1,259,743		1,660,576	0	₽:	57.48%	1,048,399	نبو
				CoAReps %	CaAReps (CoADems CoADems %	CoADems (SupReps %	*****	.#pDems % ∵	SupPens % smeDduS % SupReps	DISTRICT
				ns)	(All Election	Court of Appeals (All Elections)	Cou	ept 2014)	ections exc	Supreme Court (All Elections except 2014)	Supreme	
47.54%	236,715	52.46%	261,212	42.08%	286,758	57.92%	394,737	46.85%	326,201	53.15%	370,046	Statewide
47.90%	91,732	52.10%	99,790	40.90%	107,004	59.10%	154,588	45.97%	122,740	54.03%	144,271	3
50.94%	67,719	49.06%	65,212	46.20%	87,050	53.80%	101,360	51.84%	97,375	48.16%	90,469	ю
44.54%	77,264	55.46%	96,210	40.05%	92,704	59.95%	138,789	43.95%	106,086	56.05%	135,306)
Lopez %		Eichenberg Eichenberg 1/2 Lopez	cichenberg to	Castillo %	Castillo (a Biequatora	HMontoya %	Hmontoya +	LMontoya %	Lmontoya Li	DISTRICT
		2014				2018				2022 (not in index)		
					rer	Treasurer						
43.59%	334,733	56.41%	433,227	39.20%	257,309	60.80%	399,111	43.89%	300,732	56.11%	384,477	Statewide
42.36%	124,109	57.64%	168,906	38.60%	97,861	61.40%	155,695	41.41%	109,654	58.59%	155,139	ω
47.31%	101,824	52.69%	113,415	42.80%	77,121	57.20%	103,064	50.13%	92,258	49.87%	91,770	N
41.89%	TO8,800	58.11%	150,906	36.97%	82,327	63.03%	140,352	41.80%	98,820	58.20%	137,568	(- -
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		2016			indovi	2018 (pot in			in indovi	2022 fmo+		
	_		_	_	f State	Secretary of State				_		
57.22%	293,466	42.78%	219,375	42.80%	298,051	57.20%	398,378	46.73%	324,665	53.27%	370,146	Statewide
58.90%	115,703	41.10%	80,747	42.79%	114,553	57.21%	153,132	45.96%	123,543	54.04%	145,269	w
60.56%	83,334	39.44%	54,265	46.27%	88,953	53.73%	103,311	52.02%	96,715	47.98%	89,205	N
52.82%	94,429	47.18%	84,363	39.98%	94,545	60.02%	141,935	43.49%	104,407	56.51%	135,672	نبو
artinez %	Wartinez Martinez %	King %	King		-‱							DISTRICT
		2014				2018				2022 (not in index)		
					or	Governor						
44.71%	335,829	55.29%	415,356	45.35%	319,667	54.65%	385,236	44.48%	401,883	55.52%	501,599	Statewide
46.31%	132,666	53.69%	153,797	45.32%	120,030	54.68%	144,806	42.68%	145,174	57.32%	194,986	33
46.49%	97,968	53.51%	112,743	48.30%	96,691	51.70%	103,477	48.83%	125,234	51.17%	131,236	N
41.41%	105,195	58.59%	148,816	1%	946	57.09%	136,953	85%	,475	57.15%	175,377	þ
omney %	Romney R	Obama % Romney Romney %	Obama O	Frump %	Gump	linton %	Clinton C	Trump %	Trump 1	den %	Biden Biden %	DISTRICT
		2012			7	2016			8	2020		
					ent	President						
				45.93%	6,398,942	54.07%	7,532,367	45.87%	11,445,540	54.13%	13,506,401	Statewide
				46.71%	2,481,866	53.29%	2,831,808	46.40%	4,421,584	53.60%	5,106,903	3
				48.58%	1,881,802	51.42%	1,991,584	48.73%	3,366,320	51.27%	3,542,040	N
				42.90%	2,035,274	57.10%	2,708,975	42.95%	3,657,636	57.05%	4,857,458	ندو
				Кер %	Rep	em %	9	∠ep %	Rep F	BFT %	Dem	DISTRICT
					THE SCORE	udicial Composite Score	Ų		ate composite score	State Comp		
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2022 (not in index) hard % Byrd 58.14% 100,413 49.43% 94,050 56.02% 116,352 54.98% 310,815	2022 (not in index) Earrez % Gay 58.01% 102,073 50.02% 94,638 56.58% 117,288 55.31% 313,999 Secretary of State 2014 Cliver % Duran 50.58% 87,203 44,10% 75,780 49,32% 99,155 48,36% 262,138	20 Lujan % R 55.51% 50.00% 53.34% 53.13%
in index) yrd By 100,413 94,050 116,352 310,815	3999 138 138 138	2020 Ronchetti Ro 135,229 125,755 127,496 418,480
1) Byrd %. 41.86% 50.57% 43.98% 45.02%	3ay % 41.99% 49.98% 43.42% 44.69% 55.90% 55.68% 51.64%	7020 Ronchetti Ronchetti
125,833 92,456 134,046 352,335	alderas B 149,272 110,480 167,798 427,550 427,550 148,794 145,794 145,794 155,318 399,774	Hammeth ## 133,511 98,981 144,511 144,511
Land Commisso 2018 Richard Richard & Lyons 125,833 56,94% 95, 92,456 51.79% 86, 134,046 53.58% 116, 352,335 54.23% 297,	### Attorney General 2018 (not in index Balderas Balderas % Hendrick 149,272 66.64% 74,71 110,480 66.23% 85,56 427,550 64.89% 231,33 427,550 64.89% 231,33 427,550 64.89% Sanchez 145,794 64.54% Sanchez 145,794 64.54% 80,10 98,662 57.11% 74,10 155,318 62.93% 91,48 399,774 661.94% 245,66	2018 (not in index) Heinrich W Rich 66.51% 67,234 60.20% 65,452 64.34% 80,091 63.92% 212,777
mer 173 077 129 379	6 87 33 66 35 16 65 65 11 15 46 65 11	2018 (not in index) High W. Rich 67,234 66.51% 65,452 64.34% 80,091 63.92% 212,777
Lyons % 43.06% 48.21% 46.42% 45.77%		US Senate Rich % US 33.49% 39.80% 35.66% 36.08%
Powell 95,114 61,891 92,342 249,347	Balderas I 109,717 73,428 111,865 295,010 295,010 (Colon 139,981 104,250 151,477 395,708	dall 109,040 72,436 104,941 286,417
2014 Powell Powell 0. D. 95,114 54.70% 61,891 46.34% 92,342 48.11% 249,347 49.93% 2	2014 Billderas Balderas Riedel Riedel % 109,717 62.24% 66,564 37.76% 1109,717 62.24% 82,773 42.53% 1111,865 57.47% 82,773 42.53% 1111,865 57.47% 211,309 41.73% 295,010 58.27% 211,309 41.73% 2018 Auditor 2018 Colon Colon & Johnson Johnson & Keller & Aragon % 139,981 60.00% 93,310 40.00% 99,003 56.99% 74,706 43.01% 104,250 54.93% 85,542 45.07% 66,609 50.00% 66,603 50.00% 151,477 57.30% 112,862 42.70% 104,780 54.71% 86,729 45.29% 395,708 57.56% 291,714 42.44% 270,392 54.25% 228,038 45.75%	2014 Udali % We 60.60% 52.64% 53.01% 55.56% 2
### 78,762 71,662 99,592 ! 50,016	Rieddai R 66,564 61,972 82,773 211,309 211,309 211,309 211,309 18 Johnson Ji 93,310 85,542 112,862 2 91,714	Web 70,900 65,175 93,027
Dunn % 45.30% 53.66% 51.89% 50.07%	Riedel % 37.76% 45.77% 42.53% 41.73% 40.00% 45.07% 42.70% 42.44%	Weh % 9 47.36% 9 46.99% 9 47.44%
	(aller Ko 99,003 66,609 104,780	Heinrich Hi 138,518 138,814 148,390 395,722
	2014 2014 Are 56.99% 50.00% 54.71% 54.25% 2014	2012 **Fighrigh Heimich & Wilson Wilson % 138,518 55,04% 113,157 44,96% 108,814 52,83% 97,175 47.17% 148,390 51,28% 140,984 48,72% 395,722 52,97% 351,316 47,03%
	2014 2014 2014 2014 2016 2016 2017 2018 2019	2012 2012 2013 EER % Wilson V 55.04% 113,157 52.83% 97,175 51.28% 140,984 52.97% 351,316
	ragon % 43.01% 50.00% 45.29%	VIISON % 44.96% 47.17% 48.72% 47.03%

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Indicates in Montoya % Zamora Zamora 3 Montoya 97,829 52,17% 91,916 91,917	Contest Cont	44.49%	328,760	55.51%	410,187	45.19%	338,103	54.81%	410,023	Statewide
Context Cont	Contest Contest Contest	47.40%	134,352	52.60%	149,113	48.94%	140,812	51.06%	146,914	w
Contest Cont	Contest Contest Contest	44.28%	91,600	55.72%	115,265	45.06%	94,233	54.94%	114,881	N
Contest Cont	Contest Cont	41.35%	,808	58.65%	145,809	41.01%	103,058	58.99%	148,228	H
Contest Cont	Contest Contest Court (2022) Contest Court (2022)	danisee %		Zamora %	Zamora 2	Kennedy %	Kennedy)g 12%	A ZIIIBIA	DISTRICT
Contest 1 Contest 2 Contest 2	Contest 1 Contest 2 Contest 2		·St 1	Conte			intest 1	င္ပ		
Contest 1 Contest 2	Contest 1 Contest 2 Contest 3 Contest 2 Contest 3 Contest 4 Contest 6 Contest 6 Contest 6 Contest 6 Contest 7 Cont		eals (2012)	Court of App			Court (2012)	Supreme		
Contest 1 Contest 2	Contest 1 Contest 2 Contest 3 Contest 2 Contest 4 Contest 2 Contest 3 Contest 3 Contest 4 Cont					50.90%	246,861	49.10%	238,131	Statewide
Contest Cont	Contest Cont					54.11%	100,499	45.89%	85,226	ω
Contest Cont	Contest 1 Contest 2 Contest 2 Contest 2 Contest 2					52.21%	67,952	47.79%	62,197	1.3
Contest 1 Contest 2	Contest Cont					3			90,708	₩
Contest 1 Contest 2	Contest 1 Contest 2 Contest 2 Contest 2 Contest 2					Hantsee %	Hanisee		Kiernan K	DISTRICT
Contest 1 Contest 2	Contest 1 Contest 2 Contest 3 Contest 2 Contest 3 Contest 2 Contest 3 Contest 4 Contest 2 Contest 3 Contest 3 Contest 4 Contest 3 Contest 4 Contest 4 Contest 3 Contest 4 Contest 4 Contest 4 Contest 3 Contest 4 Contest 4 Contest 5 Contest 6 Contest 6 Contest 6 Contest 7 Contest 6 Contest 7 Contest 7 Contest 7 Contest 8 Contest 8 Contest 8 Contest 9 Contest 9 Contest 1 Cont						Appeals (2014)	Court of /		
Contest 1 Contest 2	Contest 1 Contest 2 Contest 2 Contest 2	4/.32%	337,037	%04.2C	393,227	32.00%	390,303	40.00%	303,750	animanore
Contest 1 Contest 2 Contest 2	Supreme Court (2022) Contest 1 Contest 2 Contest 2	30.37 %	257 927	% CO.C+	142,400	57.77%	108,203	/000 0V	365 700	n *** *** *** ***
Contest 1 Contest 2 Contest 2	Contest 1 Contest 2 Contest 2	47.41% 60.27%	144 619	705.20%	141,442	27.05%	169,144	40.91%	122 990	g K
Contest 1 Contest 2 Contest 2 Contest 2	Contest Contest	44.38%	112,771	55.62%	141,319	46.23%	118,896	53.77%	138,297) h-
Contest 1 Contest 2	Contest 1 Contest 2 Contest 2 Contest 2 Contest 2	Tellicia Se	2 772	digas o	SPERIOR	tydraitistiia 70	Nakaisiusa	277	(C C C)	C01787
Contest 1 Contest 2 Contest 2	Contest 1 Contest 2 Contest 2	3		Conte	7	R LT	intest 1		N Guard	2
Contest 1 Contest 2 Wargas Wargas Montoya Montoya Zamora Zamora Montos 102,296 Montos 102,296 Montos 102,296 Montos 102,296 Montos 102,296 49,079 95,415 49,079 95,415 49,079 95,415 49,079 95,415 49,079 92,415 49,079 92,415 49,079 124,733 44,179 42,079 42,079 124,733 44,179 47,278 338,184 40,079 47,279	Contest 1 Contest 2 Contest 2 Contest 2 Contest 2		eals (2016)	Court of App	_		Court (2016)	Supreme	_	
Contest 1 Contest 2 Wargas Wargas Monitoya Monitoya Zamora Zamora Zamora Monits Mo	Contest 1 Contest 2 Contest 2 Contest 2	45.42%	308,146	54.58%	3/0,314	40.83%	2/8,502	59.1/%	403,5/3	Statewide
Contest 1 Contest 2 Vargas Montoya Montoya Montoya Montoya Montoya Montoya Montoya Montoya Montoya Montosa Zamora w Montosa Montosa Montosa Montosa Zamora w Montosa Montosa Montosa Montosa Montosa Montosa 102,296 Montosa 102,296 Montosa 102,296 49,07% 95,415 102,296 49,07% 95,415 49,07% 95,415 49,07% 95,415 49,07% 95,415 49,07% 95,415 40,07% 95,415 40,07% 95,415 40,07% 95,415 40,07% 95,415 40,07% 95,415 40,07% 95,415 40,07% 95,415 40,07% 95,415 40,07% 95,415 40,07% 95,415 40,073 40,07% 40,073 40,073 40,073 40,073 40,073 40,078 40,079 40,078 40,079 40,079 40,799 40,799 40,799 40,799 40,799 40,799 <th< td=""><td> Contest Cont</td><td>46.64%</td><td>121,582</td><td>53.36%</td><td>139,112</td><td>41.73%</td><td>109,386</td><td>58.27%</td><td>152,734</td><td>ω</td></th<>	Contest Cont	46.64%	121,582	53.36%	139,112	41.73%	109,386	58.27%	152,734	ω
Contest 1 Contest 2 Vargass Monttoya Monttoya Monttoya Zamora Zamora Monttoya Monts % 133,886 55.65% 106,713 44.35% 137,811 57.40% 102,296 95,415 95,415 95,415 120,473 95,415 120,473 120,676 120,676 120,676 120,676 120,676 120,676 120,676 120,676 120,677 120,676	Contest 1 Contest 2 Contest 3 Contest 4 Contest 3 Contest 3 Contest 4 Contest 3 Contest 3 Contest 4 Contest 4 Contest 3 Contest 4 Contest 4 Contest 3 Contest 4 Contest 5 Contest 6 Contest 6 Contest 6 Contest 6 Contest 7 Contest 7 Contest 7 Contest 7 Contest 6 Contest 7 Cont	47.14%	88,490	52.86%	99,217	43.61%	82,213	56.39%	106,314	N
Contest 1 Contest 2 Vargas Vargas Montoya Montoya Montoya Montoya Montoya Montoya Montos Zamora Zamora Zamora Montos Montos Montos Montos Montos % Montos Montos % Montos Montos % 102,296 Montos % 1142,744 53.53% 123,908 46.47% 146,058 54.80% 120,473 120,473 120,473 46.47% 146,058 54.15% 318,184 120,473 46.47% 47.27% 375,785 54.15% 318,184 120,473 47.27% 375,785 54.15% 318,184 47.273 47.27% 375,785 54.15% 318,184 47.273 47.27% 47.27% 47.27% 47.27% 47.27% <td> Contest 1 Contest 2 Contest 2 Contest 2 Contest 2 </td> <td>42.63%</td> <td>98,074</td> <td>57.37%</td> <td>131,985</td> <td>37.55%</td> <td>86,903</td> <td>62.45%</td> <td>144,525</td> <td>H</td>	Contest 1 Contest 2 Contest 2 Contest 2 Contest 2	42.63%	98,074	57.37%	131,985	37.55%	86,903	62.45%	144,525	H
Contest 1 Contest 2 Varigas Varigas Montoya Montoya Montoya Montoya Montoya Montos Zamora Zamora Montes Montes Montes Montes Montes Montes Montes % Montes Montes Montes % Montes Montes % 142,744 53.53% 123,908 46.47% 146,058 54.80% 120,473 120,473 366,324 52.73% 328,450 47.27% 375,785 54.15% 318,184 120,473 366,324 52.73% 328,450 47.27% 375,785 54.15% 318,184 120,473 Baccon Fuller Fuller Fuller Thomson Mornes Mornes Mornes Mornes 130,606 130,606 124,331	Contest Contest	Tench %	Ä	3ogardus % F	gogardus (Clingman %	Clingman	ʻig⊭18 %	A 8thBiA	DISTRICT
Contest 1 Contest 2 Vargas Vargas Montoya Montoya Montoya Montoya Montoya Montoya Montoya Montos Zamora Zamora Zamora Montos Montos Montos % 133,886 55.65% 106,713 44.35% 137,811 57.40% 102,296 40078 95,415 95,415 95,415 95,415 95,415 95,415 95,415 95,415 120,473 </td <td> Contest 1 Contest 2 Contest 2 Contest 2 </td> <td></td> <td>st1</td> <td>Conte</td> <td></td> <td></td> <td>intest 1</td> <td>Cc</td> <td></td> <td></td>	Contest 1 Contest 2 Contest 2 Contest 2		st1	Conte			intest 1	Cc		
Contest 1 Contest 2 Contest 2 Contest 2 Contest 2 Contest 2 Contest 2 Contest 3 Contest 3 Contest 3 Contest 3 Contest 3 Contest 3 Monts 3 <	Contest Contest		eals (2018)	Court of App	_		Court (2018)	Supreme		
Contest 1 Contest 2 Vargas Montoya Montoya Montoya Montos Zamora Montos Montos Montos 133,886 55.65% 106,713 44.35% 137,811 57.40% 102,296 102,296 89,694 47.83% 97,829 52.17% 91,916 49.07% 95,415 142,744 53.53% 123,908 46.47% 146,058 54.80% 120,473 366,324 52.73% 328,450 47.27% 375,785 54.15% 318,184 Contest 1 Supreme Court (2020) Contest 2 Baccon Fuller Euller Thomson Morris Morris 174,995 57.94% 127,059 42.06% 170,657 56.55% 130,606 131,340 56.34% 146,810 43.66% 182,543 54.59% 151,862 140,513 56.34% 146,810 43.66% 182,543 54.59% 151,862	Contest 1 Contest 2 Contest 2 Contest 2 Contest 2	45.85%	406,799	54.15%	480,479	44.32%	394,583	55.68%	495,/48	201M31R3C
Contest 1 Contest 2 Vargas Montoya Montoya Montoya Montos Mon	Contest 1 Contest 2 Contest 3 Thomson % Morris % Morris % 174,995 57.94% 127,714 47.89% 127,279 50.55% 124,331	45.41%	151,862	54.59%	182,543	43.66%	146,810	56.34%	189,413	w
Contest 1 Contest 2 Contest 3 Contest 3 <t< td=""><td> Contest 1 Contest 2 Contest 3 Contest 4 Contest 2 </td><td>49.41%</td><td>124,331</td><td>50.59%</td><td>127,279</td><td>47.89%</td><td>120,714</td><td>52.11%</td><td>131,340</td><td>N</td></t<>	Contest 1 Contest 2 Contest 3 Contest 4 Contest 2	49.41%	124,331	50.59%	127,279	47.89%	120,714	52.11%	131,340	N
Contest 1 Contest 2 Varigas: Varigas: Montoya Montoya Montos Zamora Zamora Montos	Contest 1 Contest 2 Contest 3 Contest 4 Contest 2	20000	30,606	56.65%	170,657	20000000	127,059	57.94%	174,995	1
Contest 1 Contest 2 Vargas: Vargas: Montoya Montoya Zamora Morris Morris Morris Morris % 133,886 55,65% 106,713 44.35% 137,811 57.40% 102,296 Morris % 89,694 47.83% 97,829 52.17% 91,916 49.07% 95,415 142,744 53.53% 123,908 46.47% 146,058 54.80% 120,473 142,744 52.73% 328,450 47.27% 375,785 54.15% 318,184 366,324 52.73% 328,450 47.27% 375,785 54.15% 318,184	Supreme Court (2022) Contest 1 Contest 2 Vargas Vargas % Montoya % Zamora Zamora % Morris % 133,886 55.65% 106,713 44.35% 137,811 57.40% 102,296 89,694 47.83% 97,829 52.17% 91,916 49.07% 95,415 112,744 53.53% 123,908 46.47% 146,058 54.80% 120,473 366,324 52.73% 328,450 47.27% 375,785 54.15% 318,184 Supreme Court (2020)	Apris %		homson %	Thomson	Fuller	Fuller	acon %	Bacon B	DISTRICT
Contest 1 Contest 2 Vargas Montoya Montos Zamora Monts Monts 133,886 55.65% 106,713 44.35% 137,811 57.40% 102,296 89,694 47.83% 97,829 52.17% 91,916 49.07% 95,415 142,744 53.53% 123,908 46.47% 146,058 54.80% 120,473 366,324 52.73% 328,450 47.27% 375,785 54.15% 318,184	Supreme Court (2022) Contest 1 Contest 2 Vargas Monitoya Monitoya Zamora Zamora Monitos Monitos 133,886 55.65% 106,713 44.35% 137,811 57.40% 102,296 89,694 47.83% 97,829 52.17% 91,916 49.07% 95,415 142,744 53.53% 123,908 46.47% 146,058 54.80% 120,473 366,324 52.73% 328,450 47.27% 375,785 54.15% 318,184		c+ 3	Conto	Court (2020)	Supreme (mtact 1	Ş		
Contest 1 Contest 2 Vargas Montoya Montos Zamora Monts Monts Monts 133,886 55.65% 106,713 44.35% 137,811 57.40% 102,296 Monts 89,694 47.83% 97,829 52.17% 91,916 49.07% 95,415 142,744 53.53% 123,908 46.47% 146,058 54.80% 120,473 366,324 52.73% 328,450 47.27% 375,785 54.15% 318,184	Supreme Court (2022) Contest 1 Contest 2 Varges Montoya Montoya Zamora Zamora Montos Montos 133,886 55.65% 106,713 44.35% 137,811 57.40% 102,296 89,694 47.83% 97,829 52.17% 91,916 49.07% 95,415 142,744 53.53% 123,908 46.47% 146,058 54.80% 120,473 366,324 52.73% 328,450 47.27% 375,785 54.15% 318,184									
Contest 1 Contest 2 Vargas Vargas % Mombya Montoya % Zamora % Vorns Moms % 133,886 55.65% 106,713 44.35% 137,811 57.40% 102,296 89,694 47.83% 97,829 52.17% 91,916 49.07% 95,415 142,744 53.53% 123,908 46.47% 146,058 54.80% 120,473	Supreme Court (2022) Contest 1 Contest 2 Vargas Montoya Montoya Zamora Zamora Montos Montos 133,886 55.65% 106,713 44.35% 137,811 57.40% 102,296 89,694 47.83% 97,829 52.17% 91,916 49.07% 95,415 142,744 53.53% 123,908 46.47% 146,058 54.80% 120,473	45.85%	318,184	54.15%	375,785	47.27%	328,450	52.73%	366,324	Statewide
Contest 1 Contest 2 Vargas: % Momoya	Supreme Court (2022) Contest 1 Contest 2 Vargas: Vargas: Montoya Montoya Zamora Zamora Montos Montos 133,886 55,65% 106,713 44.35% 137,811 57.40% 102,296 89,694 47.83% 97,829 52.17% 91,916 49.07% 95,415	45.20%	120,473	54.80%	146,058	46.47%	123,908	53.53%	142,744	ω
Contest 1 Contest 2 Vargas Vargas % Montoya % Zamora % Morris % 133,886 55,65% 106,713 44,35% 137,811 57,40% 102,296	Contest 1 Contest 2 Contest 2	50.93%	95,415	49.07%	91,916	52.17%	97,829	47.83%	89,694	N
Contest 1 Contest 2 Vargas Vargas % Montoya Nontoya % Zamora Zamora % Montos	Supreme Court (2022) Contest 1 Contest 2 Vargas Vargas % Montoya % Zamora % Montos	- 2	102,296	57.40%	137,811	44.35%	106,713	55.65%	133,886	⊷
	Supreme Court (2022)	Marris %		amora % !	* erdurez	Mantaya %	Montoya	argas %	A sebien	DISTRICT
	Supreme Court (2022)		st 2	Conte			intest 1	င္ပ		

NM_PlanH_Matrix_poli_formatted.xlsx Judicial

45.50%	306,814	54.50%	367,522	42.21%	285,554	57.79%	390,971	42.19%	285,681	57.81%	391,429
45.61%	117,820	54.39%	140,484	43.16%	111,988	56.84%	147,513	43.77%	113,734	56.23%	146,087
48.15%	90,007	51.85%	96,921	45.01%	84,387	54.99%	103,110	44.29%	83,002	55.71%	104,404
43.21%	98,987	56.79%	130,117	38.85%	89,179	61.15%	140,348	38.69%	88,945	61.31%	140,938
Gallegos %	_~~~	Duffy % Gallegos	Duffy D	Kiemne %		Zamora Zamora Kiehne	Zamora	Bohnhaff %		Medina Medina % Bohnhoff	Wedina N
		Contest 4				Contest				Con	
					als (2018)	Court of Appeals (2018)					
48.16%	424,149	51.84%	456,615	45.14%	370,770	54.86%	450,547	47.51%	419,927	52.49%	464,012
46.79%	155,105	53.21%	176,388	44.74%	138,590	55.26%	171,186	46.23%	153,832	53.77%	178,919
51.89%	129,823	48.11%	120,371	48.51%	112,789	51.49%	119,737	51.10%	128,167	48.90%	122,663
46.55%		159,856 53.45% 139,221	159,856	42.79%	391	57.21%	159,624	92%	928	54.08%	162,430
Montoya %		'chalem % I	Yohalem Y	Lee %		Henderson Henderson % Lee	Henderson I	Johnson %		lves lves % Johnson	lves h
	est 3	Contest 3			•	Contest 2			Contest 1	Con	
					als (2020)	Court of Appeals (2020)					_
				45.89%	297,028	54.11%	350,169	46.72%	306,491	53.28%	349,521
				45.18%	112,457	54.82%	136,467	46.08%	115,774	53.92%	135,451
				51.05%	89,073	48.95%	85,409	52.05%	92,186	47.95%	84,921
				42.67%	95,498	57.33%	128,293	43.28%	98,531	56.72%	129,149
				Lee %		Way Way Lee	vway 1	Johnson %		Haca Haca % Johnson	Haca H
					ľ	Contest 2				COT	

NM_PlanH_Matrix_poli_formatted.xlsx General Stats

Turnout 264,692 219,399	22.1%	101 318	35 1%	165 422	73 3%		
YIXI⊐		00,700	00.4/0	110,111	+/.//0	1/3,003	w M
3 7 M I Y		80.768	30.2%	110 117	47 7%	173 865	J
Z	T	81.010	28.7%	120.451	52.0%	218.463	
₩ ۲	% Other	Registered Other	% GOP	Registered GOP	% Dem	Registered Dems	DISTRICT
۱Ľ		Turnout (2012)	General Election	General			
	22.2%	285,778	31.2%	401,325	46.6%	600,541	Statewide
198,121	22.8%	109,508	34.6%	166,267	42.7%	205,371	w
139,069	23.5%	88,103	30.0%	112,529	46.5%	174,680	2
182,263	20.4%	88,167	28.4%	122,529	51.1%	220,490	н
Turnout	% Other	Turnout (2014) Registered Other	Election % GOP	General Registered GOP	% Dem	Registered Dems	DISTRICT
804,073	22.5%	289,662	31.0%	399,911	46.5%	599,809	Statewide
305,870	23.0%	112,675	33.7%	164,878	43.3%	211,882	ယ
226,222	23.9%	88,684	30.2%	112,447	45.9%	170,610	2
271,981	20.6%	88,303	28.6%	122,586	50.8%	217,317	1
Turnout	% Other	Registered Other	% GOP	Registered GOP	% Dem	Registered Dems	DISTRICT
(OT, 65		300,276	30.4%	382,929	45.8%	5/8,322	Statewice
701,654		300,276	30.4%	382,929	45.8%	578,322	Statewide
269,505		112,038	32.6%	149,096	42.9%	196,592	w
193,796		93,631	30.1%	112,260	44.8%	167,115	2
238,353	22.0%	94,607	28.2%	121,573	49.8%	214,615	ш
Гurnout	% Other	Registered Other	% GOP	Registered GOP	% Dem	Registered Dems	DISTRICT
		Turnout (2018)	Election	General			
928,234	23.5%	317,165	31.3%	422,561	45.2%	610,516	Statewide
350,145	23.8%	115,781	32.8%	159,376	43.5%	211,451	3
263,128	24.9%	100,413	31.8%	128,531	43.3%	174,732	2
314,961	22.0%	100,971	29.3%	134,654	48.8%	224,333	,
Turnout	% Other	Registered Other		Registered GOP	% Dem	Registered Dems	DISTRICT
	_	Turnout (2020)	General Election	General			
714,754	24.6%	335,679	31.1%	423,911	44.2%	602,431	Statewide
274,616	24.7%	120,473	32.2%	156,615	43.1%	209,771	S.
192,761	26.2%	107,508	32.0%	131,302	41.8%	171,604	2
247,377	23.2%	107,698	29.3%	135,994	47.6%	221,056	Ħ
Iurnout	% CHE	Zegistered Offici	% GCT	Registered GOT	% Dem	Registered Dems	DISTRICT

Prepared by Election Data Services, Inc. -- 3:39 PM 8/23/2023

Autobound EDGE - Compactness Report

Plan Name: Congress:NM_Congress_H

For more information on compactness calculations Click Here



	District Area	Perimeter	Area of Circle with	Perimeter of Circle	Compactness
District	(SQM)	(Miles)	Same Perimeter	with Same Area	Value
1	49,547	1,427	162,002	789	0.31
2	48,696	1,470	172,022	782	0.28
3	23,349	943	70,825	542	0.33

Most Compact: 0.33 For District: 3 Least Compact: 0.28 For District: 2

	District Area	Perimeter	Area of Circle with	Perimeter of Circle	Compactness
District	(SQM)	(Miles)	Same Perimeter	with Same Area	Value
1	49,547	1,427	162,002	789	0.55
2	48,696	1,470	172,022	782	0.53
3	23,349	943	70,825	542	0.57

Most Compact: 0.57 For District: 3 Least Compact: 0.53 For District: 2

Compactr	iess measure: R	eock Score			
5 :	District Area	Perimeter	Area of Circle with	Perimeter of Circle	Compactness
District	(SQM)	(Miles)	Same Perimeter	with Same Area	Value
1	49,547	1,427	162,002	789	0.31
2	48,696	1,470	172,022	782	0.37
3	23,349	943	70,825	542	0.55

Most Compact: 0.55 For District: 3 Least Compact: 0.31 For District: 1

	District Area	Perimeter	Area of Circle with	Perimeter of Circle	Compactness
District	(SQM)	(Miles)	Same Perimeter	with Same Area	Value
	49,547	1,427	162,002	789	1.41
	48,696	1,470	172,022	782	1.49
	23,349	943	70,825	542	1.49

Most Compact: 1.49 For District: 3 Least Compact: 1.41 For District: 1

	District Area	Perimeter	Area of Circle with	Perimeter of Circle	Compactness
District	(SQM)	(Miles)	Same Perimeter	with Same Area	Value
1	49,547	1,427	162,002	789	0.67
2	48,696	1,470	172,022	782	0.72
3	23,349	943	70,825	542	0.81

Most Compact: 0.81 For District: 3 Least Compact: 0.67 For District: 1

Report Date: 8/23/2023 12:30:03 PM

New Mexico Redistricting A Vs B Report A: Previous 2011 Congressional Districts (2012-2020) B: Counties

Santa Fe County	Valencia County	Torrance County	Sandoval County	Bernalillo County	County How much of this District is in:	Previous 2011 Congressional District: 01
5,452	11,231	15,045	21,361	641,488	How much o	gressional Di
0.8%	1.6%	2.2%	3.1%	92.4%	How much of this District is in:	strict: 01
5,452	11,231	15,045	21,361			
3.5%	14.7%	100%	14.4%	94.8%	This District consists of this much of:	Total Population: 694,577
					h of:	,577

Previous 2011 Congressional District: 02 County How much of this District i Doña Ana County 219,561 30.7% Lea County 74,455 10.4%	ressional Di How much c 219,561 74,455	sional District: 02 How much of this District is in: 219,561 30.7% 74,455 10.4%	Total Population: 714,022 This District consists of this much of: 219,561 100% 74,455 100%
Lea County	74,455	10.4%	74,455
Otero County	67,839	9.5%	67,839
Chaves County	65,157	9.1%	65,157
Valencia County	64,974	9.1%	64,974
Eddy County	62,314	8.7%	62,314
Grant County	28,185	3.9%	28,185
Cibola County	27,172	3.8%	27,172
Luna County	25,427	3.6%	25,427
Lincoln County	20,269	2.8%	20,269
Socorro County	16,595	2.3%	16,595
Sierra County	11,576	1.6%	11,576
Roosevelt County	7,015	1%	7,015
McKinley County	6,693	0.9%	6,693
Guadalupe County	4,452	0.6%	4,452
Hidalgo County	4,178	0.6%	4,178
Catron County	3,579	0.5%	3,579
Bernalillo County	2,883	0.4%	2,883
De Baca County	1 608	0 2%	1.698

Previous 2011 Congressional District: 03 County How much of this District in the control of the	ressional Di	sional District: 03 How much of this District is in:	Total Population: 708,923 This District consists of this much of:	10173
Santa Fe County	149,371	21.1%	149,371	
Sandoval County	127,473	18%	127,473	
San Juan County	121,661	17.2%	121,661	
McKinley County	66,209	9.3%	66,209	
Curry County	48,430	6.8%	48,430	
Rio Arriba County	40,363	5.7%	40,363	
Taos County	34,489	4.9%	34,489	
Bernalillo County	32,073	4.5%	32,073	
San Miguel County	27,201	3.8%	27,201	—
Los Alamos County	19,419	2.7%	19,419	9
Colfax County	12,387	1.7%	12,387	7
Roosevelt County	12,176	1.7%	12,176	0
Quay County	8,746	1.2%	8,746	O1
Mora County	4,189	0.6%	4,189	9
Union County	4,079	0.6%	4,079	9
Harding County	657	0.1%	657	

New Mexico Redistricting A Vs B Report A: Passed SB1 Congressional Boundaries (2022-present) **B:** Counties

De Baca County	Otero County	Chaves County	Guadalupe County	Santa Fe County	Torrance County	Lincoln County	Valencia County	Sandoval County	Bernalillo County	County	Passed Congressional District: 1
1,698	2,009	3,967	4,452	9,549	15,045	20,269	33,843	128,705	486,295	How much of	nal District: 1
0.2%	0.3%	0.6%	0.6%	1.4%	2.1%	2.9%	4.8%	18.2%	68.9%	How much of this District is in:	Total Population: 705,832
1,698	2,009	3,967	4,452	9,549	15,045	20,269	33,843	128,705	486,295	This District	
100%	3%	6.1%	100%	6.2%	100%	100%	44.4%	86.5%	71.9%	This District consists of this much of:	

Passed Congressional District: 2 County How much of Doña Ana County 219,561	hal District: 2 How much of 219,561	istrict: 2 Total Population: 705,846 How much of this District is in: 219,561 31.1%	 This District consists of this much of: 219,561 100%
Doña Ana County Bernalillo County	219,561 190,149	31.1% 26.9%	219,561 190,149
Otero County	65,830	9.3%	65,830
Eddy County	45,337	6.4%	45,337
Valencia County	42,362	6%	42,362
Grant County	28,185	4%	28,185
Cibola County	27,172	3.8%	27,172
Luna County	25,427	3.6%	25,427
Lea County	19,038	2.7%	19,038
Socorro County	16,595	2.4%	16,595
Sierra County	11,576	1.6%	11,576
McKinley County	6,693	0.9%	6,693
Hidalgo County	4,178	0.6%	4,178
Catron County	3,579	0.5%	3,579
Chaves County	164	0%	164

County	How much of	How much of this District is in:	This District	This District consists of this much of:
Santa Fe County	145,274	20.6%	145,274	93.8%
San Juan County	121,661	17.2%	121,661	100%
McKinley County	66,209	9.4%	66,209	90.8%
Chaves County	61,026	8.6%	61,026	93.7%
Lea County	55,417	7.9%	55,417	74.4%
Curry County	48,430	6.9%	48,430	100%
Rio Arriba County	40,363	5.7%	40,363	100%
Taos County	34,489	4.9%	34,489	100%
San Miguel County	27,201	3.9%	27,201	100%
Sandoval County	20,129	2.9%	20,129	13.5%
Los Alamos County	19,419	2.8%	19,419	100%
Roosevelt County	19,191	2.7%	19,191	100%
Eddy County	16,977	2.4%	16,977	27.2%
Colfax County	12,387	1.8%	12,387	100%
Quay County	8,746	1.2%	8,746	100%
Mora County	4,189	0.6%	4,189	100%
Union County	4,079	0.6%	4,079	100%

New Mexico Redistricting A Vs B Report A: Passed SB1 Congressional Districts (2022-present) B: Cities & Census Places (over 2,500 population)

Census Place	low much of t	How much of the District is in:	The District cons	District consists of this much of:
Albuquerque	428,643	68.8%	428,643	75.9%
Rio Rancho	102,051	16.4%	102,051	98.1%
North Valley	11,149	1.8%	11,149	100%
Bernaiillo	8,976	1,4%	8,976	100%
Corrales	8,493	1.4%	8,493	100%
Ruidoso	7,679	1.2%	7,679	100%
Edgewood	6,174	1%	6,174	100%
Los Ranchos de Albuquerque	5,874	0.9%	5,874	100%
Placitas	5,041	0.8%	5,041	91.2%
Meadow Lake	4,573	0.7%	4,573	100%
El Cerro Mission	4,566	0.7%	4,566	100%
Bosque Farms	4,020	0.6%	4,020	100%
Kirtland AFB	3,838	0.6%	3,838	100%
Peralta	3,342	0.5%	3,342	100%
Paradise Hills	3,338	0.5%	3,338	77.1%
Sandia Heights	3,273	0.5%	3,273	100%
El Cerro	2,946	0.5%	2,946	100%
Santa Rosa	2,850	0.5%	2,850	100%
Ruidoso Downs	2,620	0.4%	2,620	100%
•				

South Valley	Rio Communities	Roswell	Census Place	Passed SB1 Congressional District: 1
0	809	906	How much of the District is in:	ional Disti
0%	0.1%	0.1%	e District is in:	ict: 1
0 0%	809 16.4%	906 1.9%	The District consists of this much of:	

Census Place	How much of the District is in:	District is in:	The District consis	District consists of this much of:
Albuquerque	135,916	26.6%	135,916	24.1%
Las Cruces	111,385	21.8%	111,385	100%
South Valley	38,338	7.5%	38,338	100%
Carlsbad	32,238	6.3%	32,238	100%
Alamogordo	30,898	6.1%	30,898	100%
Sunland Park	16,702	3.3%	16,702	100%
Chaparral	16,551	3.2%	16,551	100%
Los Lunas	15,176	3%	15,176	88%
Deming	14,758	2.9%	14,758	100%
Hobbs	11,430	2.2%	11,430	28.2%
Silver City	9,704	1.9%	9,704	100%
Grants	9,163	1.8%	9,163	100%
Socorro	8,707	1.7%	8,707	100%
Anthony	8,693	1.7%	8,693	100%
Belen	7,360	1.4%	7,360	100%
Truth or Consequences	6,052	1.2%	6,052	100%
Zuni Pueblo	6,025	1.2%	6,025	97.6%
Santa Teresa	5,044	1%	5,044	100%
Los Chaves	4,997	1%	4,997	100%

Passed SB1 Congressional District: 2	ressional Dist	rict: 2	2	
Census Place	How much of the District is in:	ne District is in:	The District consists of this much of:	s of this muc
Holloman AFB	3,810	0.7%	3,810	100%
Eunice	3,056	0.6%	3,056	100%
University Park	3,007	0.6%	3,007	100%
Vado	2,930	0.6%	2,930	100%
Tularosa	2,553	0.5%	2,553	100%
Paradise Hills	991	0.2%	991	22.9%
Placitas	488	0.1%	488	8.8%
Artesia	194	0%	194	1.5%
Rio Rancho	0	0%	0	0%

Census Place	How much of the District is in:	District is in:	The District consi	District consists of this much of:
Santa Fe	87,505	19.9%	87,505	100%
Roswell	47,516	10.8%	47,516	98.1%
Farmington	46,624	10.6%	46,624	100%
Clovis	38,567	8.8%	38,567	100%
Hobbs	29,078	6.6%	29,078	71.8%
Gallup	21,899	5%	21,899	100%
Los Alamos	13,179	3%	13,179	100%
Las Vegas	13,166	3%	13,166	100%
Artesia	12,681	2.9%	12,681	98.5%
Portales	12,137	2.8%	12,137	100%
Lovington	11,668	2.7%	11,668	100%
Española	10,526	2.4%	10,526	100%
Shiprock	7,718	1.8%	7,718	100%
Bloomfield	7,421	1.7%	7,421	100%
North Hobbs	6,529	1.5%	6,529	100%
Taos	6,474	1.5%	6,474	100%
Aztec	6,201	1.4%	6,201	100%
Raton	6,041	1.4%	6,041	100%
Eldorado at Santa Fe	6,005	1.4%	6,005	100%
1	Л ЯЛЭ	, , , , , , , , , , , , , , , , , , ,		

Placitas	Bernalillo	Zuni Pueblo	Rio Rancho	San Felipe Pueblo	Clayton	Ranchos de Taos	West Hammond	Duice	Crownpoint	Agua Fria	Chimayo	La Cienega	Lee Acres	Crouch Mesa	Tucumcari	Census Place	Passed SB1 Congressional District: 3
0	1	151	1,995	2,542	2,643	2,707	2,724	2,788	2,900	2,913	3,077	3,885	4,170	5,257	5,278	How much of the District is in:	essional Distr
0%	0%	0%	0.5%	0.6%	0.6%	0.6%	0.6%	0.6%	0.7%	0.7%	0.7%	0.9%	0.9%	1.2%	1.2%	e District is in:	ict: 3
0	1	151	1,995	2,542	2,643	2,707	2,724	2,788	2,900	2,913	3,077	3,885	4,170	5,257	5,278	The District cons	
0%	0%	2.4%	1.9%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	District consists of this much of:	

New Mexico Redistricting A Vs B Report A: Previous 2011 Congressional Districts (2012-2020) B: Passed SB 1 Districts (2022 - Present)

		Passed	Previous 2011 Congressional District: 01
ω ν	P	Passed SB1 District	2011 Cc
		Ном	ngress
166,485	528,092	much of the	ional Di
23.6% 0%	74.8%	How much of the original District is in:	strict: 0
		trict is in:	1
166	528	The origi	Total P
166,485 0	528,092	nal District	opulatio
24%	76%	ne original District consists of this much of:	Total Population: 694,577
		nis much of:	577

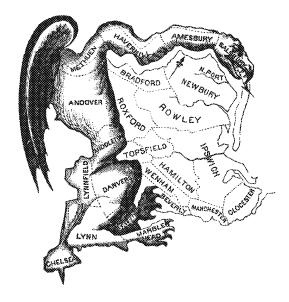
- ω	2	Passed SB1 District	Previous 2011 Congressional District: 02
140,435 55,518	518,069	How much of the	ıgressional D
19.9% 7.9%		How much of the original District is in:	District: 02
			T
140,435 55,518	518,069	The original Dis	Total Population: 714,022
19.7% 7.8%	72.6%	e original District consists of this muc	ation: 71
		ne original District consists of this much of:	4,022
		. TP	

2 21,292	1 122,222	3 565,409	Ť	Previous 2011 Congressional District: 03
3%	17.3%	80.1%	How much of the original District is in:	strict: 03
21,292	122,222	565,409	The original Dist	Total Popula
3%	17.2%	79.8%	The original District consists of this much of:	tal Population: 708,923
			uch of:	w

Measuring Compactness

The Original Gerrymander

The term Gerrymandering refers to the act of manipulating the boundaries of voting districts to achieve some political advantage. The term was coined during tenure Massachusetts Governor Elbridge Gerry, who in 1812 redrew the voting districts for the Massachusetts State Senate to favor his own party. One district caught the attention of the Boston Gazette, who published a political cartoon likening the district's shape to that of a salamander and labeling the phenomenon "The Gerry-mander" after the Governor.



The Original "Gerry-mander""

Compactness and Geographic Gerrymandering

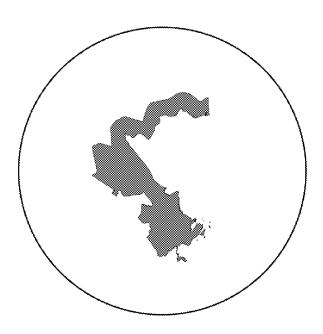
Compactness measures have been widely used to assess geographic gerrymandering. Although it is generally accepted that legislative districts should be "compact" the defintion of compactness has proved elusive. Numerous, sometimes conflicting, measures of compactness across a number of theoretical dimensions have been proposed in the academic literature. These measures are typically based on comparing geometric features of the district (e.g. perimeters, areas) to the features of a related base geometric object (e.g. minimum bounding circle, convex hull).

Here we provide six of the most frequently used measures of compactness used by academic researchers: (1) Polsby-Popper (Polsby and Popper, 1991); (2) Schwartzberg (1965); (3) Reock (1961); (4) Convex Hull; (5) X-Symmetry; and (6) Length-Width Ratio (C.C. Harris, 1964). As no one threshold for determining if a district has been gerrymandered exists we provide three cutoffs from which to compare scores from different districts (1) the scores for the original gerrymander, (2) the state mean, and (3) the state median.

Polsby-Popper

The Polsby-Popper (PP) measure (polsby & Popper, 1991) is the ratio of the area of the district (A_D) to the area of a circle whose circumference is equal to the perimeter of the district (P_D) . A district's Polsby-Popper score falls with the range of [0,1] and a score closer to 1 indicates a more compact district.

$$PP=4\pi imesrac{A_D}{P_D^2}$$

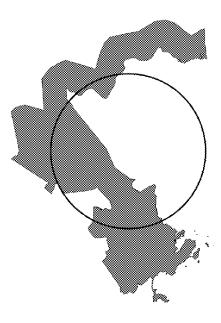


Circumfrence Equal to District Perimeter

Schwartzberg

The Schwartzberg score (S) compactness score is the ratio of the perimeter of the district (P_D) to the circumference of a circle whose area is equal to the area of the district. A district's Schwartzberg score as calculated below falls with the range of [0,1] and a score closer to 1 indicates a more compact district.

$$S=rac{1}{P_D/C}=rac{1}{P_D/(2\pi\sqrt{A_D/\pi})}$$

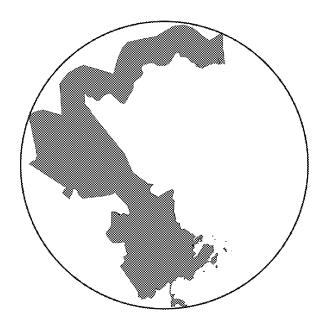


Circle with Area Equivalent to the District

Reock Score

The Reock Score (R) is the ratio of the area of the district A_D to the area of a minimum bounding cirle (A_{MBC}) that encloses the district's geometry. A district's Reock score falls within the range of [0,1] and a score closer to 1 indicates a more compact district.

$$R = \frac{A_D}{A_{MBC}}$$

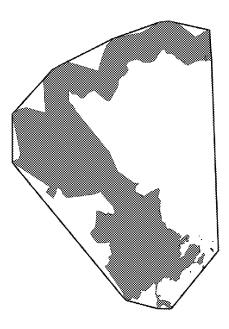


Minimum Bounding Circle of Original Gerrymander

Convex Hull

The Convex Hull score is a ratio of the area of the district to the area of the minimum convex polygon that can encloses the district's geometry. A district's Convex Hull score falls within the range of [0,1] and a score closer to 1 indicates a more compact district.

$$CH = rac{A_D}{A_{MCP}}$$



Convex Hull of Original Gerrymander

X-Symmetry

X-Symmetry is calculated by dividing the overlapping area A_O , between a district and its reflection across the horizontal axis by the area of the original district A_D . A district's X-Symmetry score falls with the range of [0,1] and a score closer to 1 indicates a more compact district.

$$XS = \frac{A_O}{A_D}$$

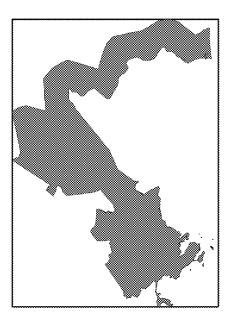


Area of Overlapping X-Symmetry

Length-Width

The Length-Width Ratio (LW) is calculated as the ratio of the length (L_{MBR}) to the width (W_{MBR}) of the minimum bounding rectangle surrounding the district. To orient the Length-Width score towards other compactness measures the maximum value of a district's width or length has been set to the denominator, making scores close to 1 more compact, and scores closer to zero less compact.

$$LW = rac{W_{MBR}}{L_{MBR}}$$



Minimum Bounding Rectangle of Original Gerrymander

References

Harris, Curtis C. 1964. "A scientific method of districting". Behavioral Science 3(9), 219-225.

Polsby, Daniel D., and Robert D. Popper. 1991. "The Third Criterion: Compactness as a procedural safeguard against partisan gerrymandering." Yale Law & Policy Review 9 (2): 301–353.

Reock, Ernest C. 1961. "A note: Measuring compactness as a requirement of legislative apportionment." Midwest Journal of Political Science 1(5), 70–74.

Schwartzberg, Joseph E. 1965. "Reapportionment, gerrymanders, and the notion of compactness". In: Minn. L. Rev. 50, 443.

State	District	Perimeter (miles)	Area (sq miles)	Polsby Popper	Schwartzberg	Reock	Length-Width	Convex Hull
Wyoming	01	1261.27	97809.44	0.77	0.88	0.55	0.57	1.00
Wyoming	sw	1,261.27	97,809.44	0.77	0.88	0.55	0.57	1.00
Indiana	07	70.71	282.84	0.71	0.84	0.51	0.54	0.97
Ohio	14	223.20	2481.84	0.63	0.79	0.52	0.76	0.91
Nevada	02	1189.76	65518.00	0.58	0.76	0.49	0.58	
Florida	15	121.20	674.87	0.58	0.76	0.53	0.67	0.88
Michigan	07	251.62	2814.38	0.56	0.75	0.43	0.47	0.90
Colorado	05	182.13	1474.30	0.56	0.75	0.53	0.76	
Indiana	05	222.97	2209.31	0.56	0.75	0.49	0.63	
South Dakota	01	1317.98	77115.61	0.56	0.75	0.41	0.44	
South Dakota	sw	1,317.98	77,115.61	0.56	0.75	0.41	0.44	
Minnesota	04	87.61	333.99	0.55	0.74	0.45	0.53	
Texas	19	845.62	30260.41	0.53	0.73	0.46	0.65	-
Indiana	03	324.93	4445.57	0.53	0.73	0.49	0.60	
Indiana	02	324.93	4397.73	0.53	0.73	0.43	0.00	
Missouri	07	373.82	5864.90	0.53	0.73	0.45	0.93	
North Dakota	01	1314.27	70694.70	0.53	0.73	0.43	0.48	-
North Dakota	SW	1,314.27	70,694.70	0.52	0.72	0.43	0.41	-
California	11	31.81	40.55	0.50	0.71	0.48	0.63	
Montana	02	1629.20	106260.33	0.50	0.71	0.45	0.44	
Nevada	04	1025.53	42008.70	0.50	0.71	0.40	0.53	
Washington	05	689.81	18983.52	0.50	0.71	0.58	0.82	
Ohio	03	74.54	221.10	0.50	0.71	0.59	0.69	
New York	26	108.54	460.74	0.49	0.70	0.55	0.75	
Michigan	12	70.50	191.56	0.49	0.70	0.60	0.90	
Florida	06	313.53	3773.30	0.48	0.70	0.73	0.88	
Florida	05	133.98	683.67	0.48	0.69	0.51	0.61	
Utah	01	547.58	11356.24	0.48	0.69	0.36	0.42	
North Carolina	04	235.63	2088.27	0.47	0.69	0.41	0.62	
Florida	16	180.75	1228.19	0.47	0.69	0.48	0.93	
Florida	21	212.24	1688.43	0.47	0.69	0.48	0.75	
Indiana	01	172.84	1114.97	0.47	0.69	0.38	0.64	
Florida	09	222.59	1846.11	0.47	0.68	0.49	0.66	0.86
Indiana	SW	336.75	4,021.13	0.47	0.67	0.47	0.66	0.83
Florida	03	458.71	7537.03	0.45	0.67	0.55	0.83	0.90
Kansas	03	253.07	2293.77	0.45	0.67	0.40	0.60	0.79
Florida	24	59.04	124.07	0.45	0.67	0.47	0.72	0.89
Kansas	04	641.35	14637.46	0.45	0.67	0.34	0.35	0.88
Florida	01	319.52	3578.44	0.44	0.66	0.44	0.46	0.86
Michigan	04	265.80	2443.97	0.44	0.66	0.38	0.60	0.76
Ohio	10	169.91	996.60	0.43	0.66	0.43	0.50	0.87
California	23	722.42	17985.35	0.43	0.66	0.51	0.54	0.91
Arkansas	03	351.20	4244.95	0.43	0.66	0.46	0.92	0.83
Nevada	sw	676.53	27,642.59	0.44	0.66	0.43	0.59	0.85
Kentucky	03	97.22	323.09		0.66	0.36	0.55	
Minnesota	05	63.36			0.66	0.60	0.77	
Nevada	01	173.07	1018.89		0.65	0.56	0.87	
Oregon	02	1464.27	72876.55		0.65	0.40	0.53	
Pennsylvania	15	621.56				0.46	0.47	
Pennsylvania	02	44.67	67.46			0.33	0.40	
North Carolina	06	227.63			0.65	0.43	0.57	
Florida	18	459.48			0.65	0.45	0.65	
Indiana	06	314.01	3298.23		0.65	0.41	0.50	
lowa	02	624.17	12985.59		0.65	0.45	0.66	
Pennsylvania	07	188.73				0.45		

State	District	Perimeter (miles)	Area (sq miles)	Polsby Popper	Schwartzberg	Reock	Length-Width	Convex Hull
Nebraska	02	194.06	1248.99	0.42	0.65	0.38	0.40	0.88
New York	22	290.20	2767.45	0.41	0.64	0.42	0.56	0.84
Michigan	11	101.15	336.10	0.41	0.64	0.42	0.56	0.82
Michigan	10	83.87	229.37	0.41	0.64	0.40	0.61	0.75
Indiana	04	433.56	6126.14	0.41	0.64	0.43	0.67	0.84
New York	16	63.92	132.79	0.41	0.64	0.60	0.80	
Florida	08	246.21	1964.84	0.41	0.64	0.31	0.39	0.75
Florida	07	171.58	941.03	0.40	0.63	0.47	0.72	0.83
Pennsylvania	16	349.74	3898.15	0.40	0.63	0.50	0.57	0.86
New York	09	21.83	15.16	0.40	0.63	0.56	0.67	0.83
Connecticut	02	256.63	2094.61	0.40	0.63	0.56	0.79	0.84
Michigan	02	559.31	9915.62	0.40	0.63	0.57	0.85	0.78
Wisconsin	02	371.96	4368.26	0.40	0.63	0.58	0.77	0.88
Florida	25	81.27	208.49	0.40	0.63	0.45	0.60	0.83
Pennsylvania	01	151.06	718.12	0.40	0.63	0.32	0.46	0.82
Arizona	03	81.46	206.47	0.39	0.63	0.45	0.61	0.83
Pennsylvania	13	455.01	6403.49	0.39	0.62	0.46	0.52	0.83
New Jersey	01	110.99	380.35	0.39	0.62	0.46	0.74	
Georgia	07	102.62	322.70	0.39	0.62	0.42	0.58	
New York	17	172.74	904.75	0.38	0.62	0.44	0.64	
Utah	02	1149.99	40040.15	0.38	0.62	0.50	0.98	0.81
Missouri	05	119.37	431.41	0.38	0.62	0.42	0.69	
Mississippi	01	577.99	10094.62	0.38	0.62	0.47	0.85	
New York	20	231.26	1610.65	0.38	0.62	0.47	0.64	
Oregon	01	339.35	3453.64	0.38	0.61	0.48	0.85	
Arizona	01	232.88	1614.18		0.61	0.41	0.54	
North Carolina	12	124.41	460.27	0.37	0.61	0.61	0.83	
Pennsylvania	11	228.11	1545.08	0.37	0.61	0.37	0.49	
Florida	10	95.82	272.54	0.37	0.61	0.38	0.49	
Georgia	14	333.27	3293.01	0.37	0.61	0.45	0.72	0.80
Delaware	01	262.73	2044.03	0.37	0.61	0.31	0.45	
Delaware	sw	262.73	2,044.03	0.37	0.61	0.31	0.45	0.75
Oregon	06	253.82	1906.82	0.37	0.61	0.47	0.72	0.80
Minnesota	02	247.33	1809.86	0.37	0.61	0.35	0.43	
Wisconsin	05	274.59	2219.22	0.37	0.61	0.56	0.74	
Vermont	01	571.97	9601.95	0.37	0.61	0.42	0.64	0.82
Vermont	sw	571.97	9,601.95	0.37	0.61	0.42	0.64	0.82
Florida	17	237.18	1646.83	0.37	0.61	0.26	0.40	
Florida	22	94.83			0.61	0.40	0.83	
California	27	229.64			0.60	0.45	0.56	
Texas	27	628.26		0.36	0.60	0.48	0.65	
Florida	12	249.54			0.60	0.49	0.86	
Michigan	08	282.47	2270.96		0.60		0.61	
Florida	sw	238.88	2,093.29	0.37	0.60	0.42	0.64	
Florida	11	254.39			0.60	0.52	0.85	
Virginia	05	582.56			0.60	0.32	0.83	
Mississippi	04	510.30			0.60	0.46	0.74	
lowa	03	619.59	10748.55		0.59	0.36	0.50	
North Carolina	07	434.16			0.59	0.45	0.66	
Kansas	01	1337.73	49841.14		0.59	0.43	0.00	
New York	25	174.78			0.59	0.32	0.44	
Oregon	03	227.17	1427.05		0.59	0.24	0.33	
Utah	SW	827.64	21,224.44	0.35	0.59	0.45	0.37	
Indiana	09	471.46			0.59	0.47	0.75	
South Carolina	03	461.70	5845.83	0.35	0.59	0.43	0.55	0.85

State	District	Perimeter (miles)	Area (sq miles)	Polsby Popper	Schwartzberg	Reock	Length-Width	Convex Hull
Oklahoma	05	362.51	3584.18	0.34	0.59	0.47	0.74	0.76
North Carolina	10	332.63	2999.46	0.34	0.58	0.41	0.66	0.79
Texas	03	235.31	1495.99	0.34	0.58	0.44	0.52	0.85
Michigan	sw	438.90	4,465.82	0.35	0.58	0.38	0.56	
Kansas	sw	841.21	20,569.47	0.35	0.58	0.38	0.58	
Montana	sw	1,619.86	73,517.98	0.35	0.58	0.40	0.52	1
lowa	SW	732.90	14,068.13	0.33	0.58	0.38	0.61	
California	14	149.43	585.02	0.33	0.57	0.32	0.47	
Florida	26	303.71	2405.54	0.33	0.57	0.27	0.40	
Oklahoma	01	205.80	1103.44	0.33	0.57	0.39	0.65	
North Carolina	08	379.58	3747.35	0.33	0.57	0.54	0.98	-
Washington	03	536.89	7482.34	0.33	0.57	0.36	0.49	
Colorado	02	666.87	11539.73	0.33	0.57	0.59	0.66	1
Nebraska	SW	805.69	25,782.38	0.33	0.57	0.35	0.47	
Michigan	09	425.62	4680.23	0.33	0.57	0.59	0.83	
Pennsylvania	03	46.08	54.80	0.32	0.57	0.47	0.80	
Florida	04	271.38	1895.23	0.32	0.57	0.42	0.61	
North Carolina	02	140.47	507.43	0.32	0.57	0.34	0.51	
California	06	99.47	254.26	0.32	0.57	0.27	0.37	0.84
Oregon	SW	611.04	16,178.11	0.33	0.57	0.41	0.65	0.76
Georgia	05	98.83	250.22	0.32	0.57	0.60	0.92	0.80
Idaho	02	1311.15	43663.14	0.32	0.57	0.50	0.70	0.81
Alabama	05	372.29	3501.96	0.32	0.56	0.25	0.32	0.80
Arizona	08	151.42	578.79	0.32	0.56	0.50	0.89	0.76
Michigan	06	198.96	999.22	0.32	0.56	0.33	0.48	0.73
Florida	27	73.01	134.46	0.32	0.56	0.43	0.71	0.67
Pennsylvania	sw	269.16	2,664.89	0.32	0.56	0.42	0.60	0.78
Minnesota	sw	558.84	10,525.28	0.32	0.56	0.40	0.57	0.77
Wisconsin	04	75.53	142.35	0.31	0.56	0.50	0.74	0.85
Arizona	05	127.57	405.75	0.31	0.56	0.51	0.78	0.73
Nebraska	03	1677.30	70044.81	0.31	0.56	0.29	0.34	0.85
Ohio	04	445.58	4921.23	0.31	0.56	0.30	0.40	0.73
California	22	417.92	4320.67	0.31	0.56	0.48	0.64	0.79
North Carolina	11	502.21	6228.24	0.31	0.56	0.31	0.38	0.88
Missouri	sw	537.03	8,713.32	0.32	0.56	0.42	0.62	0.79
Missouri	01	102.55	258.53	0.31	0.56	0.57	0.96	
North Carolina	09	387.87	3679.48	0.31	0.55	0.52	0.84	
Ohio	12	480.16	5633.28	0.31	0.55	0.61	0.87	
Ohio	02	552.08		0.31	0.55	0.38	0.51	
Connecticut	04	139.20			0.55	0.29	0.48	+
New York	23	515.44			0.55	0.22	0.34	
Texas	11	892.12	19344.55	0.31	0.55	0.22	0.35	
Maryland	08	107.42	280.29		0.55	0.59	0.86	
, Virginia	08	80.22	156.32	0.31	0.55	0.43	0.55	
Texas	21	510.82	6332.88		0.55	0.36	0.48	
Colorado	03	1439.92	50086.60	0.30	0.55	0.33	0.67	
Pennsylvania	14	446.33	4808.87	0.30	0.55	0.42	0.60	
Missouri	04	779.71	14664.47	0.30	0.55	0.51	0.82	
Missouri	06	924.42	20483.43	0.30	0.55	0.25	0.33	
Michigan	03	186.33				0.29		
New Mexico	02	1467.61	•	0.30		0.35		
New York	11	53.29	i .	l .	1		1	1
New Mexico	01	857.95	17589.64	0.30		0.43		
New York	18	293.27	i .	1		0.37	t .	1

State	District	Perimeter (miles)	Area (sq miles)	Polsby Popper	Schwartzberg	Reock	Length-Width	Convex Hull
California	26	268.99	1724.50	0.30	0.55	0.43	0.60	0.86
Arizona	02	1568.17	58490.56	0.30	0.55	0.60	0.85	0.84
North Carolina	13	280.16	1849.90	0.30	0.54	0.46	0.55	0.83
New York	12	19.48	8.93	0.30	0.54	0.40	0.48	0.83
California	37	47.41	52.83	0.30	0.54	0.44	0.62	0.78
Virginia	04	388.41	3529.21	0.29	0.54	0.49	0.76	0.85
Minnesota	03	148.69	516.99	0.29	0.54	0.51	0.77	0.73
Missouri	02	279.13	1821.36	0.29	0.54	0.41	0.55	
Pennsylvania	06	200.47	935.74	0.29	0.54	0.43	0.84	
Florida	13	112.66	294.71	0.29	0.54	0.27	0.35	0.79
Tennessee	08	635.74	9379.35	0.29	0.54	0.56	0.77	0.87
Colorado	04	1180.56	32295.80	0.29	0.54	0.45	0.82	0.83
Ohio	sw	326.58	2,754.86	0.30	0.54	0.37	0.54	
New Mexico	SW	1,298.78	40,530.57	0.29	0.54	0.37	0.68	1
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North Carolina		447.94	3,553.81	0.30	0.54	0.41	0.61	
Minnesota	01	736.91	12454.82	0.29	0.54	0.17	0.23	
lowa	01	696.34	10997.57	0.29	0.53	0.28	0.50	
Virginia	10	274.39	1705.78	0.29	0.53	0.48	0.69	
Florida	02	674.11	10272.07	0.28	0.53	0.34	0.46	
Georgia	10	476.47	5125.88	0.28	0.53	0.51	0.74	
South Carolina	07	494.22	5514.20	0.28	0.53	0.35	0.53	
Oklahoma	SW	724.03	13,979.77	0.29	0.53	0.39	0.63	0.75
Utah	04	450.06	4541.06	0.28	0.53	0.47	0.81	
Hawaii	01	82.53	152.52	0.28	0.53	0.26	0.56	0.61
Kentucky	05	728.56	11880.45	0.28	0.53	0.39	0.52	0.80
Ohio	08	284.18	1804.95	0.28	0.53	0.37	0.50	0.78
Pennsylvania	09	524.91	6153.48	0.28	0.53	0.47	0.74	0.74
Pennsylvania	08	356.88	2840.23	0.28	0.53	0.45	0.74	0.74
Massachusetts	01	321.01	2292.89	0.28	0.53	0.28	0.43	0.74
Texas	13	1260.63	35360.81	0.28	0.53	0.24	0.46	0.67
Georgia	12	666.11	9824.61	0.28	0.53	0.56	0.74	0.86
Illinois	02	421.54	3930.67	0.28	0.53	0.41	0.64	0.77
Illinois	14	301.07	1998.04	0.28	0.53	0.35	0.56	0.70
Florida	20	329.86	2397.24	0.28	0.53	0.50	0.84	0.77
Michigan	13	98.61	214.24	0.28	0.53	0.20	0.37	0.65
Virginia	03	127.14	355.22	0.28	0.53	0.34	0.54	0.67
Iowa	04	991.50	21540.81	0.28	0.53	0.44	0.75	0.73
Georgia	03	440.52	4249.29	0.28	0.53	0.47	0.81	0.82
Pennsylvania	10	243.12	1294.24	0.28	0.53	0.43	0.72	0.71
Arizona	SW	606.02	12,664.69	0.28	0.52	0.39	0.64	0.74
Michigan	05	499.29	5354.71	0.27	0.52	0.14	0.20	0.75
Oklahoma	02	1021.62	22414.35		0.52	0.48	0.74	
Utah	03	1162.93	28960.33		0.52	0.46	0.72	
Ohio	13	171.79	630.98		0.52	0.49	0.61	
Washington	06	586.45			0.52	0.40	0.59	
Tennessee	01	457.36			0.52	0.29	0.42	
Illinois	10	158.50	534.76		0.52	0.25	0.47	
Georgia	02	689.68			0.52	0.50	0.66	
Missouri	08	932.23				0.42		
New Mexico	03	1570.77	52449.57	•	0.52	0.32	0.71	
Wisconsin	sw	535.92	7,018.91	0.27	0.52	0.42	0.64	1
			-					
Arkansas	02	507.14			0.52	0.42	0.68	
Tennessee	07	533.29			0.52	0.42	0.73	
Mississippi	SW	802.73	11,922.62	0.28	0.52	0.43	0.69	0.78

State	District	Perimeter (miles)	Area (sq miles)	Polsby Popper	Schwartzberg	Reock	Length-Width	Convex Hull
Pennsylvania	05	106.29	239.58	0.27	0.52	0.36	0.65	0.72
Connecticut	sw	208.67	1,004.10	0.27	0.52	0.42	0.68	0.73
Virginia	11	109.84	254.33	0.27	0.52	0.54	0.85	0.77
Pennsylvania	17	207.81	909.07	0.26	0.51	0.42	0.58	0.76
Washington	08	689.25	9995.92	0.26	0.51	0.47	0.67	0.74
Arkansas	04	1050.10	23110.98	0.26	0.51	0.52	0.74	0.80
Illinois	12	826.69	14273.59	0.26	0.51	0.48	0.69	0.78
New York	19	619.98	7989.58	0.26	0.51	0.26	0.38	0.72
Wisconsin	01	275.35	1575.49	0.26	0.51	0.30	0.40	0.76
Wisconsin	06	507.94	5358.32	0.26	0.51	0.34	0.49	0.72
California	12	67.03	93.14	0.26	0.51	0.40	0.50	0.83
Georgia	sw	397.61	4,207.64	0.26	0.51	0.45	0.69	0.76
Texas	34	492.53	5010.49	0.26	0.51	0.41	0.58	0.73
Arkansas	SW	840.35		0.27	0.51	0.44	0.77	0.73
			13,299.50					
Texas	25	666.15	9135.52	0.26	0.51	0.40	0.66	0.71
Alabama	02	717.90	10524.22	0.26	0.51	0.48	0.73	0.76
Nebraska	01	545.72	6053.34	0.26	0.51	0.38	0.66	0.70
New York	21	916.26	17037.53	0.26	0.51	0.57	0.97	0.82
Kentucky	06	434.66	3831.54	0.26	0.51	0.44	0.63	0.80
Minnesota	08	1301.79	34310.16	0.25	0.50	0.30	0.57	0.69
Georgia	09	446.46	4005.43	0.25	0.50	0.33	0.55	0.70
Nevada	03	317.77	2024.75	0.25	0.50	0.24	0.36	0.71
California	52	84.55	143.19	0.25	0.50	0.37	0.72	0.75
Oklahoma	04	703.12	9890.05	0.25	0.50	0.39	0.62	0.76
Washington	10	199.35	791.03	0.25	0.50	0.28	0.34	0.80
California	35	94.52	177.42	0.25	0.50	0.30	0.52	0.71
Idaho	SW	1,477.40	41,783.98	0.25	0.50	0.39	0.55	0.77
West Virginia	01	856.28	14450.03	0.25	0.50	0.37	0.53	0.80
Connecticut	03	158.97	497.63	0.25	0.50	0.33	0.55	0.73
Alabama	03	655.70	8456.45	0.25	0.50	0.42	0.62	0.77
Tennessee	06	554.71	6044.48	0.25	0.50	0.31	0.44	0.77
Colorado	sw	584.50	13,011.81	0.27	0.50	0.40	0.65	0.76
New Jersey	05	186.18	677.85	0.25	0.50	0.24	0.37	0.68
California	07	190.18	707.00	0.25	0.50	0.27	0.51	0.64
Georgia	04	146.28	417.64	0.25	0.50	0.30	0.40	0.76
Colorado	07	607.75	7200.09	0.25	0.50	0.46	0.77	0.80
Mississippi	03	779.06	11822.98	0.25	0.50	0.36	0.55	0.69
Ohio	01	177.76	611.07	0.24	0.49	0.29	0.57	0.61
Nationwide		474.44	7147.79	0.26	0.49	0.37	0.59	0.72
Ohio	11	106.70	218.41	0.24	0.49	0.29	0.46	400000000000000000000000000000000000000
New York	07	34.22	22.27			0.38	0.64	
Florida	19	225.23	960.95			0.23	0.47	0.61
California	09	270.33	1383.49			0.44	0.60	
North Carolina	14	161.16				0.37	0.55	
Washington	SW	485.97	6,812.30	0.25	0.49	0.38	0.57	0.74
New Jersey	03	242.63	1104.52			0.35	0.79	
Oklahoma	03	1327.10	32906.84			0.33	0.79	
Georgia	01	640.22	7640.09		0.48	0.22	0.38	
Virginia	SW	409.89	3,704.82	0.24		0.36	0.58	
South Carolina	04	259.25	1249.08		0.48	0.36	0.50	
New York	SW	211.50	1,866.38	0.25	0.48	0.35	0.55	
Oregon	04	798.78	11773.98		0.48	0.36	0.79	
California	13	588.39			0.48	0.39	0.54	
Connecticut	05	264.24	1280.33	0.23	0.48	0.50	0.92	0.75

State	District	Perimeter (miles)	Area (sq miles)	Polsby Popper	Schwartzberg	Reock	Length-Width	Convex Hull
New York	06	37.62	25.93	0.23	0.48	0.28	0.41	0.75
Texas	16	131.51	316.31	0.23	0.48	0.26	0.35	0.73
Washington	09	104.93	201.26	0.23	0.48	0.43	0.61	0.75
Washington	04	997.70	18188.08	0.23	0.48	0.40	0.77	0.69
California	10	175.54	560.98	0.23	0.48	0.39	0.53	0.74
Kentucky	sw	634.93	6,734.29	0.24	0.48	0.34	0.53	0.69
Texas	02	190.82	659.67	0.23	0.48	0.39	0.71	0.69
Kentucky	02	641.33	7445.89	0.23	0.48	0.49	0.70	0.77
California	17	99.85	180.27	0.23	0.48	0.48	0.83	0.74
Florida	23	98.24	173.69	0.23	0.48	0.40	0.65	0.73
Minnesota	06	381.22	2615.21	0.23	0.48	0.41	0.71	0.64
South Carolina	05	540.53	5252.10	0.23	0.48	0.30	0.40	0.78
North Carolina	05	503.78	4561.67	0.23	0.48	0.25	0.34	0.74
North Carolina	01	669.03	8040.75	0.23	0.48	0.39	0.47	0.85
Arizona	06	874.49	13711.15	0.23	0.48	0.38	0.81	0.70
Texas	08	409.66	3000.67	0.23	0.47	0.29	0.48	0.63
Massachusetts	03	209.21	779.07	0.22	0.47	0.22	0.41	0.67
Ohio	07	272.98	1325.60	0.22	0.47	0.34	0.61	0.67
California	01	1243.44	27048.21	0.22	0.47	0.52	0.88	0.78
Ohio	06	532.41	4842.39	0.22	0.46	0.33	0.52	0.75
Texas	36	597.28	6091.00	0.21	0.46	0.34	0.51	0.75
Arizona	04	103.06	179.76	0.21	0.46	0.21	0.38	0.65
Indiana	08	696.95	8216.91	0.21	0.46	0.42	0.67	0.73
Ohio	05	573.60	5562.17	0.21	0.46	0.20	0.35	0.62
Massachusetts	02	332.47	1863.67	0.21	0.46	0.26	0.39	0.68
Wisconsin	07	1196.03	24054.26	0.21	0.46	0.39	0.66	0.71
Georgia	08	813.94	11080.43	0.21	0.46	0.37	0.60	0.73
Alabama	sw	659.33	7,386.04	0.21	0.46	0.39	0.67	0.71
Texas	28	830.03	11468.71	0.21	0.46	0.28	0.59	0.64
Oregon	05	582.85	5630.60	0.21	0.46	0.43	0.68	0.66
New Jersey	11	157.89	412.56	0.21	0.46	0.52	0.69	0.80
Texas	12	245.18	994.85	0.21	0.46	0.37	0.50	0.74
California	49	174.27	502.39	0.21	0.46	0.26	0.45	0.68
Virginia	07	409.98	2775.86	0.21	0.46	0.32	0.55	0.68
Georgia	11	266.24	1168.28	0.21	0.46	0.48	0.96	0.71
Colorado	08	250.54	1031.47	0.21	0.45	0.44	0.73	
California	34	55.28	50.05	0.21	0.45	0.37	0.69	
Maine	02	1350.65	29430.41	0.20	0.45	0.52	0.80	
Virginia	06	625.41	6305.94	0.20	0.45	0.23	0.32	
New Jersey	07	292.79			0.45	0.46	0.85	
California	48	475.83			0.45	0.41	0.64	
Maryland	04	117.27	219.35		0.45	0.35	0.55	1
California	39	134.00	285.77		0.45	0.39	0.63	
Tennessee	SW	510.80	4,680.90	0.20	0.45	0.34	0.59	0.71
California	15	86.69			0.45	0.19	0.29	
Texas	23	1928.69	58956.20	0.20	0.45	0.24	0.37	
Georgia	06	226.60			0.45	0.47	0.68	
Texas	31	602.83			0.44	0.49	0.78	
Montana	01	1610.52	40775.63	0.20	0.44	0.35	0.59	
California	43	68.03			0.44	0.31	0.57	
Texas	30	153.76			0.44	0.36	0.57	0.75
California	21	239.94			0.44	0.24	0.36	
Tennessee	04	650.91	6567.61	0.20	0.44	0.23	0.37	
South Carolina	SW	561.75	4,446.68	0.20	0.44	0.35	0.55	0.74
Alabama	07	847.50	11014.55	0.19	0.44	0.47	0.86	0.68

State	District	Perimeter (miles)	Area (sq miles)	Polsby Popper	Schwartzberg	Reock	Length-Width	Convex Hull
New York	04	78.93	95.46	0.19	0.44	0.38	0.53	0.72
Wisconsin	08	671.58	6889.27	0.19	0.44	0.36	0.63	0.69
New York	15	35.57	19.15	0.19	0.44	0.41	0.81	0.65
Ohio	09	421.76	2688.28	0.19	0.44	0.15	0.22	0.65
California	sw	326.09	3,041.76	0.20	0.44	0.34	0.56	0.69
Alabama	04	774.26	9056.13	0.19	0.44	0.32	0.65	
Louisiana	03	704.34	7455.89	0.19	0.43	0.28	0.36	
New York	10	31.96	15.33	0.19	0.43	0.37	0.62	
Virginia	09	824.75	10162.63	0.19	0.43	0.17	0.26	
California	33	113.29	190.23	0.19	0.43	0.23	0.39	
Idaho	01	1643.66	39904.81	0.19	0.43	0.29	0.40	
Texas	10	727.84	7799.59	0.19	0.43	0.34	0.63	
West Virginia	sw	915.62	12,114.97	0.19	0.43	0.29	0.53	
Rhode Island	02	235.17	807.15	0.18	0.43	0.36	0.56	
New Jersey	04	213.86	663.80		0.43	0.47	0.67	
	SW	476.16		0.19	0.43		0.39	
Hawaii			3,208.48			0.16		
Arizona	09	1272.65	23375.15	0.18	0.43	0.33	0.57	
New York	13	30.75	13.62	0.18	0.43	0.34	0.57	
Pennsylvania California	12 32	173.70 144.31	433.75 299.15	0.18 0.18	0.43 0.43	0.49 0.27	0.64 0.44	
	04							
California	03	523.35	3912.60	0.18	0.42	0.35	0.55	
New York		112.57	180.84	0.18	0.42	0.32	0.65	
Arizona	07	1042.45	15420.43	0.18	0.42	0.16	0.31	
Minnesota	07	1503.80	32024.04	0.18	0.42	0.38	0.56	
California	29	95.94	129.33	0.18	0.42	0.38	0.72	
Texas	SW	519.09	7,023.71	0.19	0.42	0.32	0.54	
New Jersey	12	179.28	445.77	0.17	0.42	0.33	0.53	
Wisconsin	03	914.38	11544.15	0.17	0.42	0.31	0.67	-
California	08	200.24	551.93	0.17	0.42	0.37	0.63	.
Pennsylvania	04	231.28	733.55	0.17	0.42	0.21	0.33	.
California	24	598.54	4912.47	0.17	0.42	0.33	0.67	
New Jersey	SW	194.09	633.98	0.18	0.42	0.34	0.63	
California	18	581.37	4607.85	0.17	0.41	0.27	0.41	
Massachusetts	05	130.53	230.44	0.17	0.41	0.26	0.41	
Connecticut	01	224.32	676.16	0.17	0.41	0.43	0.67	
California	05	870.14	9967.61	0.17	0.41	0.28	0.42	
Tennessee	02	452.31	2684.66	0.17	0.41	0.39	0.75	
South Carolina	02	494.82	3201.26	0.16	0.41	0.44	0.68	
New Hampshire		730.33		0.16		0.30		<u> </u>
Texas	09	129.87	220.01	0.16	0.41	0.43	0.74	
California	47	117.24				0.26	0.51	
New Hampshir		576.55	4,639.91	0.16	0.40	0.32	0.57	
California	46	76.09	74.98			0.49	0.77	
California	25	977.33	12351.79			0.42	0.82	
Texas	22	519.30				0.39	0.64	-
New Hampshire	01	422.78				0.34	0.63	
New Jersey	09	95.56			0.40	0.28	0.54	
California	44	87.36	97.61	0.16	0.40	0.37	0.64	
Massachusetts	04	234.51	703.27			0.42	0.75	
Illinois	06	134.36				0.38	0.57	
California	02	1019.88				0.22	0.47	
Missouri	03	784.98	7697.92			0.30	0.49	
Georgia	13	219.27	599.05			0.34	0.66	
Texas	01	890.72	9868.83			0.34	0.62	
Louisiana	04	1048.79	13666.27	0.16	0.40	0.34	0.71	0.61

State	District	Perimeter (miles)	Area (sq miles)	Polsby Popper	Schwartzberg	Reock	Length-Width	Convex Hull
Maine	sw	998.09	16,617.12	0.16	0.39	0.37	0.61	0.67
Washington	07	113.48	159.04	0.16	0.39	0.24	0.40	0.59
Alabama	06	515.46	3259.78	0.15	0.39	0.36	0.56	0.68
Texas	37	136.15	227.02	0.15	0.39	0.42	0.68	0.72
Texas	06	701.65	6019.70	0.15	0.39	0.26	0.45	0.62
Tennessee	03	577.25	4066.41	0.15	0.39	0.35	0.64	0.65
Kansas	02	1132.71	15505.51	0.15	0.39	0.44	0.92	0.63
Kentucky	04	641.71	4967.79	0.15	0.39	0.19	0.41	0.52
California	16	211.41	537.42	0.15	0.39	0.29	0.56	0.61
Virginia	02	464.78	2592.22	0.15	0.39	0.15	0.42	0.49
Texas	26	416.17	2057.34	0.15	0.39	0.35	0.88	0.63
Texas	05	569.25	3784.82	0.15	0.38	0.30	0.49	0.64
California	40	183.97	393.25	0.15	0.38	0.42	0.59	0.71
Illinois	11	282.76	928.12	0.15	0.38	0.25	0.60	0.53
Massachusetts	SW	277.43	900.55	0.16	0.38	0.31	0.58	0.61
Ohio	15	412.11	1943.16	0.14	0.38	0.23	0.48	
Washington	01	174.76	349.38	0.14	0.38	0.36	0.58	0.66
California	30	126.21	180.08	0.14	0.38	0.35	0.65	
Illinois	sw	408.93	3,313.99	0.15	0.38	0.27	0.54	
California	38	117.01	150.69	0.14	0.37	0.34	0.49	
Alabama	01	732.17	5889.23	0.14	0.37	0.42	0.92	0.66
Texas	17	987.29	10661.54	0.14	0.37	0.25	0.39	
Texas	14	520.18	2869.50	0.13	0.37	0.15	0.26	
California	03	1442.30	22048.48	0.13	0.37	0.13	0.25	
California	28	274.44	789.68	0.13	0.36	0.36	0.55	
Florida	28	500.98	2626.72	0.13	0.36	0.17	0.57	0.38
Tennessee	05	445.70	2077.32	0.13	0.36	0.24	0.54	
Massachusetts	06	230.62	554.56	0.13	0.36	0.36	0.63	0.69
Illinois	01	244.28	620.34	0.13	0.36	0.27	0.56	0.57
West Virginia	02	974.95	9779.92	0.13	0.36	0.21	0.54	0.50
Texas	20	132.33	179.98	0.13	0.36	0.45	0.79	
Mississippi	02	1343.56	18404.03	0.13	0.36	0.34	0.51	0.73
Maryland	02	284.99	820.48	0.13	0.36	0.28	0.46	
Illinois	15	1298.81	16987.95	0.13	0.36	0.36	0.57	0.65
Texas	38	176.93	310.42	0.12	0.35	0.39	0.73	0.59
Louisiana	05	1240.80	15196.67	0.12	0.35	0.36	0.77	0.60
New York	24	831.34	6778.00	0.12	0.35	0.23	0.47	0.51
Illinois	07	84.19	69.18	0.12	0.35	0.23	0.49	0.50
New York	08	50.97	25.31	0.12	0.35	0.25	0.71	0.45
Arkansas	01	1452.96	20383.80	0.12	0.35	0.36	0.75	0.68
Tennessee	09	289.92	808.64	0.12	0.35	0.29	0.68	0.62
New York	05	70.28	46.65	0.12	0.34	0.22	0.56	0.53
California	42	101.63	97.49	0.12	0.34	0.32	0.64	0.51
Illinois	04	101.40	96.95	0.12	0.34	0.33	0.56	0.56
California	36	102.46	98.68	0.12	0.34	0.20	0.39	
Maryland	06	508.95	2432.31	0.12	0.34	0.15	0.28	0.47
Maine	01	645.52	3803.83	0.11	0.34	0.22	0.42	0.51
Texas	24	174.67	277.04		0.34	0.23	0.32	
Massachusetts	08	182.48	302.16		0.34	0.44	0.80	

State	District	Perimeter (miles)	Area (sq miles)	Polsby Popper	Schwartzberg	Reock	Length-Width	Convex Hull
California	51	145.32	191.05	0.11	0.34	0.51	0.78	0.66
Florida	14	187.52	314.69	0.11	0.34	0.32	0.67	0.51
New Jersey	02	483.80	2087.62	0.11	0.34	0.31	0.63	0.61
Texas	15	840.79	6294.52	0.11	0.33	0.13	0.22	0.54
Rhode Island	SW	241.94	544.73	0.12	0.33	0.28	0.52	0.57
New Jersey	10	96.08	79.25	0.11	0.33	0.31	0.74	
Virginia	01	621.37	3305.64	0.11	0.33	0.37	0.68	-
Illinois	08	184.47	291.32	0.11	0.33	0.24	0.46	
Louisiana	SW	904.15	7,953.54	0.11	0.33	0.32	0.67	
Illinois	13	524.37	2300.23	0.11	0.32	0.11	0.34	
California	31	159.26	210.96	0.10	0.32	0.11	0.60	
Hawaii	02	869.79	6264.44	0.10	0.32	0.05	0.00	<u> </u>
Illinois	09	145.25	172.03	0.10	0.32	0.03	0.22	-
South Carolina	01	609.08	2956.57	0.10	0.32	0.10	0.42	
Washington	02	767.08	4628.52	0.10	0.32	0.24	0.42	
-	16	1074.13		0.10	0.31	0.28	0.47	
Illinois			9022.55					-
Colorado California	06 20	200.25 1120.54	310.96	0.10 0.10	0.31 0.31	0.22 0.35	0.40 0.69	
	01	1120.54	9722.52	0.10	0.31	0.35	0.69	.
Kentucky			11957.01					
Maryland	SW	565.00	1,235.11	0.11	0.30	0.31	0.51	
Texas	29	169.25	209.31	0.09	0.30	0.30	0.58	
Texas	07	134.82	132.81	0.09	0.30	0.22	0.50	
New Jersey	06	169.16	206.84	0.09	0.30	0.18	0.44	
Colorado	01	148.00	155.55	0.09	0.30	0.16	0.38	
Massachusetts	07	97.14	62.19	0.08	0.29	0.25	0.64	
California	50	205.51	274.51	0.08	0.29	0.17	0.47	
Illinois	17	843.89	4567.46	0.08	0.28	0.24	0.94	
Illinois	03	157.52	156.82	0.08	0.28	0.15	0.42	
California	45	128.27	103.97	0.08	0.28	0.36	0.83	
Texas	35	290.90	527.47	0.08	0.28	0.08	0.17	
South Carolina	06	1072.68	7107.74	0.08	0.28	0.36	0.73	
Texas	32	157.17	151.20	0.08	0.28	0.22	0.60	
Louisiana	01	976.54	5789.47	0.08	0.28	0.37	0.88	
Texas	04	947.60	5432.04	0.08	0.28	0.22	0.45	
California	19	688.11	2849.61	0.08	0.28	0.12	0.31	0.38
Illinois	05	168.61	158.12	0.07	0.26	0.12	0.28	0.48
New York	02	228.91	287.45	0.07	0.26	0.14	0.23	0.62
Texas	18	207.35	232.11	0.07	0.26	0.41	0.86	0.54
New Jersey	08	100.82	53.81	0.07	0.26	0.21		<u> </u>
New York	14	65.55	22.38		0.26	0.22	0.50	<u> </u>
Louisiana	06	891.94		0.07	0.26	0.44	0.91	
Maryland	07	162.72			0.25	0.26	0.44	0.67
California	41	530.17	1345.68	0.06	0.25	0.20	0.34	
Louisiana	02	562.49	1469.54	0.06	0.24	0.16	0.41	0.38
Rhode Island	01	248.71	282.31	0.06	0.24	0.20	0.48	0.46
Michigan	01	2682.14	27773.89	0.05	0.22	0.19	0.36	0.50
New York	01	409.27	636.64	0.05	0.22	0.08	0.18	0.48
Maryland	03	372.48	502.92	0.05	0.21	0.23	0.29	0.71
Alaska	01	5364.04	87561.93	0.04	0.20	0.13	0.47	0.34
Alaska	sw	5,364.04	87,561.93	0.04	0.20	0.13	0.47	0.34
Texas	33	274.00	225.62	0.04	0.19	0.20	0.49	
Massachusetts	09	758.88	1316.72	0.03	0.17	0.26	0.72	
North Carolina	03	1892.38			0.17	0.25	0.53	
Maryland	05	843.95			0.16	0.36		
Maryland	01	2122.25			0.10	0.27		l

State	District	Perimeter	Area	PolsbyPop	Schwartzbe	Reock	LengthWidt	ConvexHull
Alabama	01	649.16	6606.81	0.20	0.44	0.41	0.94	0.71
Alabama	02	717.29	10524.22	0.26	0.51	0.48	0.73	0.76
Alabama	03	656.48	8456.45	0.25	0.50	0.42	0.62	0.77
Alabama	04	775.01	9056.13	0.19	0.44	0.32	0.65	0.61
Alabama	05	371.31	3501.96	0.32	0.57	0.25	0.32	0.80
Alabama	06	515.52	3259.77	0.15	0.39	0.36	0.56	0.68
Alabama	07	847.95	11014.56	0.19	0.44	0.47	0.86	0.68
Alaska	01	11438.13	665761.57	0.06	0.25	0.01	0.06	0.76
Arizona	01	232.71	1614.19	0.38	0.61	0.41	0.54	0.84
Arizona	02	1568.35	58490.55	0.30	0.55	0.60	0.85	0.84
Arizona	03	81.39	206.47	0.39	0.63	0.45	0.61	0.83
Arizona	04	102.90	179.75	0.21	0.46	0.21	0.38	0.65
Arizona	05	127.45	405.76	0.31	0.56	0.51	0.78	0.73
Arizona	06	876.16	13711.30	0.22	0.47	0.38	0.81	0.70
Arizona	07	1041.11	15422.64	0.18	0.42	0.16	0.31	0.69
Arizona	08	151.42	578.79	0.32	0.56	0.50	0.89	0.76
Arizona	09	1273.42	23375.15	0.18	0.43	0.33	0.57	0.62
Arkansas	01	1451.02	20400.78	0.12	0.35	0.36	0.75	0.68
Arkansas	02	506.86	5441.29	0.27	0.52	0.42	0.68	0.77
Arkansas	03	351.46	4244.93	0.43	0.66	0.46	0.92	0.83
Arkansas	04	1050.41	23111.02	0.26	0.51	0.52	0.74	0.80
California	01	1243.85	27048.21	0.22	0.47	0.52	0.88	0.78
California	02	1027.70	14629.53	0.17	0.42	0.24	0.49	0.61
California	03	1441.91	22048.49	0.13	0.37	0.13	0.25	0.55
California	04	528.49	3926.94	0.18	0.42	0.35	0.55	0.68
California	05	870.39	9967.61	0.17	0.41	0.28	0.42	0.75
California	06	99.21	254.26	0.33	0.57	0.27	0.37	0.84
California	07	190.15	707.00	0.25	0.50	0.27	0.51	0.64
California	08	187.07	615.22	0.22	0.47	0.40	0.61	0.68
California	09	270.39	1383.49	0.24	0.49	0.44	0.60	0.81
California	10	175.33	560.98	0.23	0.48	0.39	0.53	0.74
California	11	103.66	226.55	0.27	0.52	0.10	0.27	0.36
California	12	61.26	141.33	0.47	0.69	0.49	0.53	0.94
California	13	588.47	6349.22	0.23	0.48	0.39	0.54	0.78
California	14	153.77	609.38	0.32	0.57	0.34	0.45	0.73
California	15	88.25	228.58	0.37	0.61	0.26	0.38	0.82
California	16	223.17	713.54	0.18	0.42	0.33	0.59	0.66
California	17	97.69	187.71	0.25	0.50	0.49	0.83	0.76
California	18	580.81	4607.85	0.17	0.41	0.27	0.41	0.77
California	19	671.78	3584.23	0.10	0.32	0.15	0.33	0.45
California	20	1119.70	9722.53	0.10	0.31	0.35	0.69	0.60
California	21	239.74	893.51	0.20	0.44	0.24	0.36	0.75

State	District	Perimeter	Area	PolsbyPop	Schwartzbe	Reock	LengthWidt	ConvexHull
California	22	418.20	4320.67	0.31	0.56	0.48	0.64	0.79
California	23	720.52	17985.20	0.44	0.66	0.51	0.54	0.91
California	24	724.03	6357.79	0.15	0.39	0.25	0.51	0.55
California	25	976.75	12352.03	0.16	0.40	0.42	0.82	0.61
California	26	282.93	1835.08	0.29	0.54	0.46	0.64	0.86
California	27	229.55	1528.47	0.37	0.60	0.45	0.56	0.89
California	28	274.35	789.68	0.13	0.36	0.36	0.55	0.70
California	29	95.89	129.33	0.18	0.42	0.38	0.72	0.59
California	30	126.21	180.08	0.14	0.38	0.35	0.65	0.63
California	31	159.22	210.96	0.10	0.32	0.37	0.60	0.67
California	32	148.99	388.62	0.22	0.47	0.33	0.48	0.79
California	33	112.93	190.22	0.19	0.43	0.23	0.39	0.68
California	34	55.25	50.05	0.21	0.45	0.37	0.69	0.68
California	35	94.43	177.42	0.25	0.50	0.30	0.52	0.71
California	36	111.50	194.62	0.20	0.44	0.31	0.47	0.68
California	37	47.41	52.83	0.30	0.54	0.44	0.62	0.78
California	38	116.88	150.70	0.14	0.37	0.34	0.49	0.68
California	39	133.76	285.91	0.20	0.45	0.39	0.63	0.68
California	40	184.04	393.21	0.15	0.38	0.42	0.59	0.71
California	41	529.76	1345.59	0.06	0.25	0.20	0.34	0.63
California	42	244.77	664.80	0.14	0.37	0.13	0.40	0.33
California	43	68.03	72.42	0.20	0.44	0.31	0.57	0.67
California	44	95.35	116.70	0.16	0.40	0.31	0.55	0.64
California	45	128.18	103.97	0.08	0.28	0.36	0.83	0.52
California	46	76.05	74.98	0.16	0.40	0.49	0.77	0.69
California	47	127.65	283.87	0.22	0.47	0.36	0.60	0.70
California	48	475.66	3634.40	0.20	0.45	0.41	0.64	0.81
California	49	178.37	671.26	0.27	0.52	0.35	0.52	0.75
California	50	212.99	411.97	0.11	0.34	0.25	0.50	0.52
California	51	145.28	191.05	0.11	0.34	0.51	0.78	0.66
California	52	84.57	143.29	0.25	0.50	0.37	0.72	0.75
Colorado	01	147.87	155.55	0.09	0.30	0.16	0.38	0.49
Colorado	02	666.26	11539.72	0.33	0.57	0.59	0.66	0.90
Colorado	03	1439.83	50086.59	0.30	0.55	0.33	0.67	0.76
Colorado	04	1181.81	32295.84	0.29	0.54	0.45	0.82	0.83
Colorado	05	182.06	1474.30	0.56	0.75	0.53	0.76	0.91
Colorado	06	199.84	310.93	0.10	0.31	0.22	0.40	0.66
Colorado	07	608.40	7200.09	0.24	0.49	0.46	0.77	0.80
Colorado	08	250.53	1031.47	0.21	0.45	0.44	0.73	0.74
Connecticut	01	224.27	676.18	0.17	0.41	0.43	0.67	0.66
Connecticut	02	253.56	2136.43	0.42	0.65	0.57	0.79	0.85
Connecticut	03	163.65	501.08	0.24	0.49	0.33	0.55	0.73

State	District	Perimeter	Area	PolsbyPop	Schwartzbe	Reock	LengthWidt	ConvexHull
Connecticut	04	141.36	526.65	0.33	0.58	0.33	0.52	0.70
Connecticut	05	264.57	1280.31	0.23	0.48	0.50	0.92	0.75
Delaware	01	261.77	2488.77	0.46	0.68	0.37	0.50	0.84
Florida	01	340.55	4416.06	0.48	0.69	0.51	0.56	0.87
Florida	02	578.14	12838.50	0.48	0.70	0.42	0.51	0.82
Florida	03	455.55	8270.72	0.50	0.71	0.60	0.92	0.90
Florida	04	280.00	1980.53	0.32	0.56	0.41	0.66	0.76
Florida	05	140.92	829.03	0.53	0.72	0.58	0.71	0.89
Florida	06	320.15	3928.27	0.48	0.69	0.72	0.85	0.92
Florida	07	180.96	1053.41	0.40	0.64	0.45	0.69	0.83
Florida	08	252.62	2299.14	0.45	0.67	0.35	0.43	0.78
Florida	09	222.53	1846.11	0.47	0.69	0.49	0.66	0.86
Florida	10	95.86	272.54	0.37	0.61	0.38	0.49	0.75
Florida	11	254.35	1836.15	0.36	0.60	0.52	0.85	0.82
Florida	12	289.51	2538.30	0.38	0.62	0.43	0.80	0.75
Florida	13	125.21	730.15	0.59	0.77	0.55	0.66	0.93
Florida	14	117.79	523.83	0.48	0.69	0.53	0.67	0.83
Florida	15	121.27	674.87	0.58	0.76	0.53	0.67	0.88
Florida	16	204.99	1500.18	0.45	0.67	0.43	0.82	0.73
Florida	17	262.17	2148.70	0.39	0.63	0.27	0.41	0.77
Florida	18	458.90	7085.18	0.42	0.65	0.45	0.65	0.82
Florida	19	248.43	1896.77	0.39	0.62	0.34	0.53	0.78
Florida	20	329.53	2397.14	0.28	0.53	0.50	0.84	0.77
Florida	21	218.80	1888.21	0.50	0.70	0.50	0.83	0.82
Florida	22	101.50	345.34	0.42	0.65	0.45	0.86	0.74
Florida	23	105.09	254.27	0.29	0.54	0.51	0.83	0.79
Florida	24	68.88	182.83	0.49	0.70	0.50	0.84	0.90
Florida	25	88.40	236.65	0.38	0.62	0.40	0.51	0.81
Florida	26	307.53	2440.11	0.32	0.57	0.27	0.43	0.77
Florida	27	69.68	280.69	0.73	0.85	0.71	0.88	0.95
Florida	28	593.64	6709.61	0.24	0.49	0.20	0.43	0.55
Georgia	01	599.58	8155.68	0.29	0.53	0.50	0.69	0.79
Georgia	02	689.84	10119.75	0.27	0.52	0.50	0.66	0.80
Georgia	03	440.93	4249.30	0.28	0.52	0.47	0.81	0.82
Georgia	04	146.21	417.65	0.25	0.50	0.30	0.40	0.76
Georgia	05	98.92	250.35	0.32	0.57	0.61	0.92	0.80
Georgia	06	226.55	810.60	0.20	0.45	0.47	0.68	0.73
Georgia	07	102.39	322.69	0.39	0.62	0.42	0.58	0.82
Georgia	08	814.01	11080.43	0.21	0.46	0.37	0.60	0.73
Georgia	09	445.48	4005.71	0.25	0.50	0.33	0.55	0.70
Georgia	10	476.22	5125.88	0.28	0.53	0.51	0.74	0.81
Georgia	11	266.17	1168.28	0.21	0.46	0.48	0.96	0.71

State	District	Perimeter	Area	PolsbyPop	Schwartzbe	Reock	LengthWidt	ConvexHull
Georgia	12	666.04	9824.61	0.28	0.53	0.56	0.74	0.86
Georgia	13	219.13	598.92	0.16	0.40	0.34	0.66	0.59
Georgia	14	333.25	3293.00	0.37	0.61	0.45	0.72	0.80
Hawaii	01	100.58	348.23	0.43	0.66	0.40	0.58	0.75
Hawaii	02	1437.86	10621.58	0.06	0.25	0.00	0.07	0.07
Idaho	01	1642.43	39905.08	0.19	0.43	0.29	0.40	0.74
Idaho	02	1310.82	43663.14	0.32	0.57	0.50	0.70	0.81
Illinois	01	245.68	621.15	0.13	0.36	0.27	0.56	0.57
Illinois	02	424.16	3931.82	0.28	0.52	0.41	0.64	0.77
Illinois	03	157.55	156.82	0.08	0.28	0.15	0.42	0.42
Illinois	04	101.36	96.95	0.12	0.34	0.33	0.56	0.56
Illinois	05	168.62	158.15	0.07	0.26	0.12	0.28	0.48
Illinois	06	134.42	229.78	0.16	0.40	0.38	0.57	0.65
Illinois	07	82.60	69.27	0.13	0.36	0.23	0.49	0.50
Illinois	08	184.57	291.33	0.11	0.33	0.24	0.46	0.59
Illinois	09	145.94	172.20	0.10	0.32	0.10	0.26	0.43
Illinois	10	164.33	536.07	0.25	0.50	0.25	0.47	0.71
Illinois	11	282.74	928.11	0.15	0.38	0.25	0.60	0.53
Illinois	12	826.66	14273.60	0.26	0.51	0.48	0.69	0.78
Illinois	13	524.55	2300.22	0.11	0.32	0.11	0.34	0.38
Illinois	14	301.10	1998.04	0.28	0.53	0.35	0.56	0.70
Illinois	15	1298.40	16987.95	0.13	0.36	0.36	0.57	0.65
Illinois	16	1073.12	9022.63	0.10	0.31	0.33	0.84	0.58
Illinois	17	843.05	4567.37	0.08	0.28	0.24	0.94	0.35
Indiana	01	169.18	1345.91	0.59	0.77	0.46	0.72	0.88
Indiana	02	323.45	4397.73	0.53	0.73	0.63	0.93	0.88
Indiana	03	325.96	4445.57	0.53	0.73	0.49	0.60	0.93
Indiana	04	434.64	6126.14	0.41	0.64	0.43	0.67	0.84
Indiana	05	222.78	2209.31	0.56	0.75	0.49	0.63	0.84
Indiana	06	313.92	3298.23	0.42	0.65	0.41	0.50	0.78
Indiana	07	70.60	282.84	0.71	0.85	0.51	0.54	0.97
Indiana	08	698.14	8216.91	0.21	0.46	0.42	0.67	0.73
Indiana	09	471.71	6098.47	0.35	0.59	0.47	0.75	0.77
lowa	01	695.98	10997.79	0.29	0.53	0.28	0.50	0.68
lowa	02	623.68	12985.59	0.42	0.65	0.45	0.66	0.80
lowa	03	618.41	10748.33	0.35	0.59	0.36	0.51	0.77
lowa	04	991.20	21540.81	0.28	0.53	0.44	0.75	0.73
Kansas	01	1336.20	49841.15	0.35	0.59	0.32	0.44	0.82
Kansas	02	1133.00	15505.50	0.15	0.39	0.44	0.92	0.63
Kansas	03	253.66	2293.77	0.45	0.67	0.40	0.60	0.79
Kansas	04	639.94	14637.45	0.45	0.67	0.34	0.35	0.88
Kentucky	01	1264.25	11957.01	0.09	0.31	0.15	0.34	0.49

State	District	Perimeter	Area	PolsbyPop	Schwartzbe	Reock	LengthWidt	ConvexHull
Kentucky	02	641.23	7445.89	0.23	0.48	0.49	0.70	0.77
Kentucky	03	97.22	323.09	0.43	0.66	0.36	0.55	0.78
Kentucky	04	641.33	4967.80	0.15	0.39	0.19	0.41	0.52
Kentucky	05	727.73	11880.45	0.28	0.53	0.39	0.52	0.80
Kentucky	06	434.55	3831.53	0.26	0.51	0.44	0.63	0.80
Louisiana	01	841.25	8991.18	0.16	0.40	0.46	0.81	0.71
Louisiana	02	563.54	1470.65	0.06	0.24	0.16	0.41	0.38
Louisiana	03	609.63	8602.61	0.29	0.54	0.33	0.40	0.79
Louisiana	04	1048.37	13666.27	0.16	0.40	0.34	0.71	0.61
Louisiana	05	1240.03	15196.67	0.12	0.35	0.36	0.77	0.60
Louisiana	06	864.68	4447.83	0.07	0.27	0.45	0.90	0.64
Maine	01	629.10	5117.52	0.16	0.40	0.28	0.48	0.57
Maine	02	1164.29	30262.19	0.28	0.53	0.53	0.81	0.84
Maryland	01	442.26	5509.75	0.35	0.60	0.36	0.60	0.70
Maryland	02	237.51	852.41	0.19	0.44	0.25	0.42	0.72
Maryland	03	170.41	612.09	0.27	0.52	0.26	0.32	0.75
Maryland	04	111.11	224.34	0.23	0.48	0.35	0.55	0.66
Maryland	05	296.95	2313.41	0.33	0.57	0.40	0.77	0.78
Maryland	06	507.95	2432.31	0.12	0.34	0.15	0.28	0.47
Maryland	07	89.30	181.24	0.29	0.53	0.24	0.36	0.69
Maryland	08	107.42	280.29	0.31	0.55	0.59	0.86	0.78
Massachusetts	01	320.64	2292.89	0.28	0.53	0.28	0.43	0.74
Massachusetts	02	332.30	1863.67	0.21	0.46	0.26	0.39	0.68
Massachusetts	03	208.99	779.07	0.22	0.47	0.22	0.41	0.67
Massachusetts	04	226.49	709.79	0.17	0.42	0.42	0.75	0.62
Massachusetts	05	128.74	239.67	0.18	0.43	0.25	0.40	0.63
Massachusetts	06	166.63	866.63	0.39	0.63	0.45	0.62	0.82
Massachusetts	07	95.04	66.95	0.09	0.31	0.27	0.69	0.48
Massachusetts	08	212.08	460.87	0.13	0.36	0.33	0.57	0.61
Massachusetts	09	394.57	3274.54	0.26	0.51	0.56	0.83	0.77
Michigan	01	1351.19	57170.03	0.39	0.63	0.30	0.35	0.87
Michigan	02	636.87	13067.55	0.41	0.64	0.49	0.70	0.78
Michigan	03	279.76	1885.60	0.30	0.55	0.24	0.30	0.75
Michigan	04	346.45	3904.30	0.41	0.64	0.33	0.44	0.78
Michigan	05	551.82	6478.33	0.27	0.52	0.14	0.18	0.77
Michigan	06	179.90	1017.56	0.40	0.63	0.32	0.47	0.73
Michigan	07	251.27	2814.38	0.56	0.75	0.43	0.47	0.90
Michigan	08	267.43	2453.86	0.43	0.66	0.49	0.67	0.78
Michigan	09	404.90	6899.29	0.53	0.73	0.57	0.79	0.88
Michigan	10	79.72	241.63	0.48	0.69	0.39	0.59	0.76
Michigan	11	101.19	336.10	0.41	0.64	0.42	0.56	0.82
Michigan	12	70.54	191.56	0.48	0.70	0.60	0.90	0.84

State	District	Perimeter	Area	PolsbyPop	Schwartzbe	Reock	LengthWidt	ConvexHull
Michigan	13	105.44	252.91	0.29	0.54	0.17	0.31	0.66
Minnesota	01	735.46	12454.82	0.29	0.54	0.17	0.23	0.77
Minnesota	02	246.93	1809.83	0.37	0.61	0.35	0.43	0.85
Minnesota	03	148.63	517.03	0.29	0.54	0.51	0.77	0.73
Minnesota	04	87.61	333.99	0.55	0.74	0.45	0.53	0.89
Minnesota	05	63.37	137.19	0.43	0.66	0.60	0.77	0.86
Minnesota	06	381.01	2615.19	0.23	0.48	0.41	0.71	0.64
Minnesota	07	1504.37	32024.97	0.18	0.42	0.38	0.56	0.70
Minnesota	08	1330.35	37049.93	0.26	0.51	0.33	0.58	0.70
Mississippi	01	578.02	10094.62	0.38	0.62	0.47	0.85	0.82
Mississippi	02	1343.92	18404.03	0.13	0.36	0.34	0.51	0.73
Mississippi	03	779.36	11822.98	0.25	0.49	0.36	0.55	0.69
Mississippi	04	469.22	8114.05	0.46	0.68	0.61	0.83	0.93
Missouri	01	102.67	258.53	0.31	0.56	0.57	0.96	0.77
Missouri	02	278.55	1821.22	0.30	0.54	0.41	0.55	0.80
Missouri	03	783.93	7697.93	0.16	0.40	0.30	0.49	0.64
Missouri	04	779.47	14664.47	0.30	0.55	0.51	0.82	0.79
Missouri	05	119.62	431.41	0.38	0.62	0.42	0.69	0.84
Missouri	06	922.44	20483.43	0.30	0.55	0.25	0.33	0.82
Missouri	07	373.00	5864.90	0.53	0.73	0.45	0.48	0.90
Missouri	08	931.36	18484.66	0.27	0.52	0.42	0.65	0.73
Montana	01	1611.66	40777.69	0.20	0.44	0.35	0.59	0.71
Montana	02	1631.69	106265.04	0.50	0.71	0.45	0.44	0.95
Nebraska	01	545.41	6053.34	0.26	0.51	0.38	0.66	0.70
Nebraska	02	193.58	1248.99	0.42	0.65	0.38	0.40	0.88
Nebraska	03	1673.06	70044.65	0.31	0.56	0.29	0.34	0.85
Nevada	01	173.17	1018.89	0.43	0.65	0.56	0.87	0.89
Nevada	02	1189.42	65518.00	0.58	0.76	0.49	0.58	0.89
Nevada	03	317.99	2024.75	0.25	0.50	0.24	0.36	0.71
Nevada	04	1025.13	42008.70	0.50	0.71	0.40	0.53	0.92
New Hampshire	01	432.47	2328.03	0.16	0.40	0.33	0.67	0.58
New Hampshire	02	734.98	6971.04	0.16	0.40	0.30	0.50	0.74
New Jersey	01	110.94	380.35	0.39	0.62	0.46	0.74	0.80
New Jersey	02	385.00	2966.71	0.25	0.50	0.33	0.65	0.67
New Jersey	03	243.00	1104.52	0.24	0.49	0.35	0.79	0.62
New Jersey	04	180.15	702.44	0.27	0.52	0.50	0.75	0.82
New Jersey	05	185.97	677.88	0.25	0.50	0.24	0.37	0.68
New Jersey	06	178.81	386.07	0.15	0.39	0.26	0.53	0.56
New Jersey	07	292.98	1378.09	0.20	0.45	0.46	0.85	0.68
New Jersey	08	88.62	66.80	0.11	0.33	0.26	0.55	0.57
New Jersey	09	95.64	117.74	0.16	0.40	0.28	0.54	0.56
New Jersey	10	93.72	80.02	0.11	0.34	0.31	0.74	0.57

State	District	Perimeter	Area	PolsbyPop	Schwartzbe	Reock	LengthWidt	ConvexHull
New Jersey	11	157.97	412.52	0.21	0.46	0.52	0.69	0.80
New Jersey	12	179.26	445.80	0.17	0.42	0.33	0.53	0.66
New Mexico	01	857.21	17589.64	0.30	0.55	0.43	0.69	0.77
New Mexico	02	1466.77	51553.60	0.30	0.55	0.35	0.65	0.75
New Mexico	03	1569.77	52449.57	0.27	0.52	0.32	0.71	0.67
New York	01	246.70	1832.39	0.38	0.62	0.22	0.24	0.86
New York	02	128.80	572.66	0.43	0.66	0.26	0.29	0.89
New York	03	91.26	249.28	0.38	0.61	0.41	0.72	0.77
New York	04	62.40	188.96	0.61	0.78	0.60	0.80	0.91
New York	05	70.20	112.54	0.29	0.54	0.28	0.50	0.64
New York	06	37.52	25.95	0.23	0.48	0.28	0.41	0.75
New York	07	34.40	22.37	0.24	0.49	0.39	0.64	0.69
New York	08	45.58	44.76	0.27	0.52	0.33	0.63	0.61
New York	09	21.82	15.16	0.40	0.63	0.56	0.67	0.83
New York	10	28.97	23.43	0.35	0.59	0.57	0.78	0.79
New York	11	50.02	114.45	0.58	0.76	0.45	0.54	0.89
New York	12	20.62	13.58	0.40	0.63	0.52	0.72	0.85
New York	13	26.26	14.57	0.27	0.52	0.36	0.57	0.64
New York	14	42.89	47.10	0.32	0.57	0.34	0.47	0.80
New York	15	32.84	19.95	0.23	0.48	0.42	0.81	0.68
New York	16	63.11	157.08	0.50	0.70	0.55	0.69	0.90
New York	17	172.81	904.43	0.38	0.62	0.44	0.64	0.83
New York	18	293.30	2050.75	0.30	0.55	0.37	0.51	0.77
New York	19	618.98	7989.58	0.26	0.51	0.26	0.38	0.72
New York	20	231.40	1610.62	0.38	0.62	0.47	0.64	0.79
New York	21	916.97	17135.37	0.26	0.51	0.58	0.97	0.82
New York	22	290.13	2767.34	0.41	0.64	0.42	0.56	0.84
New York	23	516.68	7040.94	0.33	0.58	0.24	0.34	0.76
New York	24	800.37	9146.31	0.18	0.42	0.25	0.44	0.60
New York	25	213.74	1980.32	0.55	0.74	0.46	0.63	0.90
New York	26	114.07	478.56	0.46	0.68	0.55	0.74	0.83
North Carolina	01	518.85	8464.10	0.40	0.63	0.38	0.44	0.88
North Carolina	02	140.37	507.43	0.32	0.57	0.34	0.51	0.79
North Carolina	03	849.47	11413.05	0.20	0.45	0.34	0.53	0.63
North Carolina	04	235.34	2088.27	0.47	0.69	0.41	0.62	0.85
North Carolina	05	503.09	4561.67	0.23	0.48	0.25	0.34	0.74
North Carolina	06	227.26	1744.24	0.43	0.65	0.43	0.57	0.79
North Carolina	07	444.71	5583.51	0.36	0.60	0.46	0.65	0.78
North Carolina	08	378.09	3747.35	0.33	0.57	0.54	0.98	0.80
North Carolina	09	387.60	3679.49	0.31	0.56	0.52	0.84	0.79
North Carolina	10	332.03	2999.46	0.34	0.59	0.41	0.66	0.79
North Carolina	11	499.90	6228.24	0.31	0.56	0.31	0.38	0.88

State	District	Perimeter	Area	PolsbyPop	Schwartzbe	Reock	LengthWidt	ConvexHull
North Carolina	12	124.31	460.27	0.37	0.61	0.61	0.83	0.84
North Carolina	13	280.00	1849.90	0.30	0.55	0.46	0.55	0.83
North Carolina	14	159.07	491.38	0.24	0.49	0.37	0.55	0.72
North Dakota	01	1317.31	70698.55	0.51	0.72	0.43	0.41	0.99
Ohio	01	177.76	611.02	0.24	0.49	0.29	0.57	0.61
Ohio	02	552.04	7441.89	0.31	0.55	0.38	0.51	0.77
Ohio	03	74.53	221.10	0.50	0.71	0.59	0.69	0.94
Ohio	04	445.09	4921.24	0.31	0.56	0.30	0.40	0.73
Ohio	05	618.75	5991.16	0.20	0.44	0.20	0.35	0.57
Ohio	06	532.35	4842.32	0.22	0.46	0.33	0.52	0.75
Ohio	07	273.72	1329.14	0.22	0.47	0.34	0.61	0.67
Ohio	08	285.08	1805.00	0.28	0.53	0.37	0.50	0.78
Ohio	09	408.03	3567.72	0.27	0.52	0.20	0.29	0.67
Ohio	10	169.86	996.66	0.43	0.66	0.43	0.50	0.87
Ohio	11	179.16	999.63	0.39	0.63	0.55	0.81	0.85
Ohio	12	479.31	5633.33	0.31	0.56	0.61	0.87	0.78
Ohio	13	172.20	630.98	0.27	0.52	0.49	0.61	0.82
Ohio	14	274.91	3891.38	0.65	0.81	0.55	0.73	0.95
Ohio	15	412.40	1943.10	0.14	0.38	0.23	0.48	0.55
Oklahoma	01	205.60	1103.44	0.33	0.57	0.39	0.65	0.74
Oklahoma	02	1023.44	22414.35	0.27	0.52	0.48	0.74	0.81
Oklahoma	03	1323.48	32906.84	0.24	0.49	0.22	0.38	0.67
Oklahoma	04	703.34	9890.05	0.25	0.50	0.39	0.62	0.76
Oklahoma	05	362.97	3584.18	0.34	0.59	0.47	0.74	0.76
Oregon	01	349.94	3876.41	0.40	0.63	0.47	0.82	0.80
Oregon	02	1462.75	72876.55	0.43	0.65	0.40	0.53	0.87
Oregon	03	227.18	1427.06	0.35	0.59	0.29	0.37	0.78
Oregon	04	803.20	12660.78	0.25	0.50	0.38	0.80	0.66
Oregon	05	582.77	5630.60	0.21	0.46	0.43	0.68	0.66
Oregon	06	253.81	1906.82	0.37	0.61	0.47	0.72	0.80
Pennsylvania	01	151.03	718.12	0.40	0.63	0.32	0.46	0.82
Pennsylvania	02	44.73	67.46	0.42	0.65	0.33	0.40	0.84
Pennsylvania	03	46.11	54.80	0.32	0.57	0.47	0.80	0.72
Pennsylvania	04	231.03	733.55	0.17	0.42	0.21	0.33	0.68
Pennsylvania	05	106.06	239.58	0.27	0.52	0.36	0.65	0.72
Pennsylvania	06	200.29	935.74	0.29	0.54	0.43	0.84	0.73
Pennsylvania	07	188.67	1184.47	0.42	0.65	0.46	0.69	0.78
Pennsylvania	08	356.21	2840.35	0.28	0.53	0.45	0.74	0.74
Pennsylvania	09	524.41	6153.45	0.28	0.53	0.47	0.74	0.74
Pennsylvania	10	243.03	1294.23	0.28	0.53	0.43	0.72	0.71
Pennsylvania	11	227.70	1545.08	0.38	0.61	0.37	0.49	0.88
Pennsylvania	12	173.53	433.75	0.18	0.43	0.49	0.64	0.78

State	District	Perimeter	Area	PolsbyPop	Schwartzbe	Reock	LengthWidt	ConvexHull
Pennsylvania	13	453.80	6403.55	0.39	0.63	0.46	0.52	0.83
Pennsylvania	14	446.11	4808.87	0.30	0.55	0.42	0.60	0.76
Pennsylvania	15	618.69	13082.96	0.43	0.66	0.46	0.47	0.86
Pennsylvania	16	385.79	4648.94	0.39	0.63	0.46	0.49	0.87
Pennsylvania	17	207.69	909.07	0.27	0.52	0.42	0.58	0.76
Rhode Island	01	157.96	510.63	0.26	0.51	0.29	0.61	0.58
Rhode Island	02	207.86	1034.34	0.30	0.55	0.41	0.57	0.76
South Carolina	01	549.19	3558.96	0.15	0.39	0.29	0.46	0.71
South Carolina	02	494.74	3201.25	0.16	0.41	0.44	0.68	0.72
South Carolina	03	461.74	5845.83	0.35	0.59	0.43	0.55	0.85
South Carolina	04	259.00	1249.07	0.23	0.48	0.36	0.50	0.77
South Carolina	05	536.51	5252.13	0.23	0.48	0.30	0.40	0.78
South Carolina	06	1091.04	7137.61	0.08	0.27	0.37	0.73	0.58
South Carolina	07	492.32	5778.50	0.30	0.55	0.35	0.52	0.79
South Dakota	01	1317.47	77115.77	0.56	0.75	0.41	0.44	0.93
Tennessee	01	457.12	4465.95	0.27	0.52	0.29	0.42	0.81
Tennessee	02	451.88	2684.91	0.17	0.41	0.39	0.75	0.63
Tennessee	03	576.81	4066.55	0.15	0.39	0.35	0.64	0.65
Tennessee	04	650.29	6567.61	0.20	0.44	0.23	0.37	0.70
Tennessee	05	445.82	2077.96	0.13	0.36	0.24	0.54	0.56
Tennessee	06	553.90	6043.82	0.25	0.50	0.31	0.44	0.77
Tennessee	07	533.14	6034.42	0.27	0.52	0.42	0.73	0.78
Tennessee	08	634.44	9379.35	0.29	0.54	0.56	0.77	0.87
Tennessee	09	289.55	808.64	0.12	0.35	0.29	0.68	0.62
Texas	01	891.17	9868.81	0.16	0.40	0.34	0.62	0.70
Texas	02	190.84	659.67	0.23	0.48	0.39	0.71	0.69
Texas	03	235.03	1495.99	0.34	0.58	0.44	0.52	0.85
Texas	04	947.37	5432.06	0.08	0.28	0.22	0.45	0.53
Texas	05	568.88	3784.84	0.15	0.38	0.30	0.49	0.64
Texas	06	700.94	6019.67	0.15	0.39	0.26	0.45	0.62
Texas	07	134.82	132.81	0.09	0.30	0.22	0.50	0.48
Texas	08	409.71	3000.67	0.23	0.47	0.29	0.48	0.63
Texas	09	129.87	220.01	0.16	0.41	0.43	0.74	0.68
Texas	10	727.84	7799.59	0.19	0.43	0.34	0.63	0.66
Texas	11	890.72	19344.55	0.31	0.55	0.22	0.35	0.74
Texas	12	245.03	994.85	0.21	0.46	0.37	0.50	0.74
Texas	13	1259.86	35360.81	0.28	0.53	0.24	0.46	0.67
Texas	14	520.52	3470.66	0.16	0.40	0.18	0.29	0.56
Texas	15	841.30	6295.20	0.11	0.33	0.13	0.22	0.54
Texas	16	131.54	316.37	0.23	0.48	0.26	0.35	0.73
Texas	17	986.77	10661.54	0.14	0.37	0.25	0.39	0.65
Texas	18	207.36	232.11	0.07	0.26	0.41	0.86	0.54

State	District	Perimeter	Area	PolsbyPop	Schwartzbe	Reock	LengthWidt	ConvexHull
Texas	19	845.17	30260.41	0.53	0.73	0.46	0.65	0.84
Texas	20	132.33	179.98	0.13	0.36	0.45	0.79	0.63
Texas	21	510.62	6332.89	0.31	0.55	0.36	0.48	0.83
Texas	22	533.34	3706.61	0.16	0.41	0.37	0.65	0.65
Texas	23	1938.00	58961.12	0.20	0.44	0.24	0.37	0.73
Texas	24	174.51	277.04	0.11	0.34	0.23	0.32	0.67
Texas	25	665.96	9135.61	0.26	0.51	0.40	0.66	0.71
Texas	26	416.32	2057.35	0.15	0.39	0.35	0.88	0.63
Texas	27	630.66	11669.69	0.37	0.61	0.49	0.65	0.82
Texas	28	830.44	11469.81	0.21	0.46	0.28	0.59	0.64
Texas	29	169.25	209.31	0.09	0.30	0.30	0.58	0.57
Texas	30	153.48	369.75	0.20	0.44	0.36	0.57	0.75
Texas	31	602.70	5712.88	0.20	0.44	0.49	0.78	0.72
Texas	32	157.08	151.20	0.08	0.28	0.22	0.60	0.48
Texas	33	273.94	225.62	0.04	0.19	0.20	0.49	0.39
Texas	34	503.08	5399.84	0.27	0.52	0.43	0.61	0.74
Texas	35	290.87	527.47	0.08	0.28	0.08	0.17	0.44
Texas	36	565.69	6320.64	0.25	0.50	0.35	0.51	0.77
Texas	37	136.16	227.02	0.15	0.39	0.42	0.68	0.72
Texas	38	176.94	310.42	0.12	0.35	0.39	0.73	0.59
Utah	01	546.57	11356.23	0.48	0.69	0.36	0.42	0.86
Utah	02	1148.43	40040.85	0.38	0.62	0.50	0.98	0.81
Utah	03	1162.09	28959.74	0.27	0.52	0.46	0.72	0.75
Utah	04	450.80	4540.96	0.28	0.53	0.47	0.81	0.71
Vermont	01	572.40	9615.19	0.37	0.61	0.42	0.64	0.82
Virginia	01	496.63	3882.61	0.20	0.45	0.41	0.63	0.72
Virginia	02	494.49	3936.00	0.20	0.45	0.22	0.50	0.59
Virginia	03	132.27	447.61	0.32	0.57	0.42	0.77	0.71
Virginia	04	388.24	3529.21	0.29	0.54	0.49	0.76	0.85
Virginia	05	582.27	9609.92	0.36	0.60	0.46	0.74	0.89
Virginia	06	625.91	6305.95	0.20	0.45	0.23	0.32	0.74
Virginia	07	410.11	2782.11	0.21	0.46	0.32	0.55	0.68
Virginia	08	82.67	158.51	0.29	0.54	0.40	0.52	0.78
Virginia	09	822.50	10162.63	0.19	0.43	0.17	0.26	0.76
Virginia	10	274.47	1705.78	0.29	0.53	0.48	0.69	0.74
Virginia	11	109.91	254.33	0.27	0.51	0.54	0.85	0.77
Washington	01	174.62	349.38	0.14	0.38	0.36	0.58	0.66
Washington	02	480.20	5836.68	0.32	0.56	0.33	0.46	0.77
Washington	03	486.06	7747.01	0.41	0.64	0.36	0.48	0.80
Washington	04	997.71	18189.92	0.23	0.48	0.40	0.77	0.69
Washington	05	688.53	18983.80	0.50	0.71	0.58	0.82	0.89
Washington	06	476.46	8939.97	0.50	0.70	0.46	0.64	0.84

State	District	Perimeter	Area	PolsbyPop	Schwartzbe	Reock	LengthWidt	ConvexHull
Washington	07	93.58	253.03	0.36	0.60	0.37	0.46	0.83
Washington	08	689.83	9995.92	0.26	0.51	0.47	0.67	0.74
Washington	09	106.89	213.61	0.24	0.49	0.45	0.62	0.76
Washington	10	199.34	791.03	0.25	0.50	0.28	0.34	0.80
West Virginia	01	856.47	14450.03	0.25	0.50	0.37	0.53	0.80
West Virginia	02	975.67	9779.92	0.13	0.36	0.21	0.54	0.50
Wisconsin	01	355.88	3039.13	0.30	0.55	0.24	0.26	0.87
Wisconsin	02	371.93	4368.26	0.40	0.63	0.58	0.77	0.88
Wisconsin	03	914.92	11544.15	0.17	0.42	0.31	0.67	0.59
Wisconsin	04	153.48	548.02	0.29	0.54	0.21	0.28	0.76
Wisconsin	05	274.65	2219.22	0.37	0.61	0.56	0.74	0.86
Wisconsin	06	572.23	7886.68	0.30	0.55	0.33	0.40	0.79
Wisconsin	07	1110.52	26083.51	0.27	0.52	0.42	0.74	0.72
Wisconsin	08	592.67	9807.61	0.35	0.59	0.37	0.57	0.77
Wyoming	01	1260.75	97809.44	0.77	0.88	0.55	0.57	1.00

Row Labels	Average of PolsbyPop	Average of Schwartzbe	States Average of Reock	Average of LengthWidt	Average of ConvexHull
Alabama	0.22	0.47	0.39	0.67	0.72
Alaska	0.22	0.47	0.39	0.06	0.72
Arizona	0.08	0.23	0.39	0.64	0.74
Arkansas	0.27	0.52	0.39	0.77	0.72
California	0.27	0.31	0.34	0.56	0.69
Colorado	0.27	0.50	0.40		0.76
Connecticut	0.28	0.52	0.43	0.69	0.74
Delaware			0.46		
Florida	0.43	0.65 0.51	0.46	0.68	0.81
Georgia					
Hawaii Idaho	0.25	0.46	0.20	0.33	0.41
			0.39		
Illinois	0.15	0.38	0.27	0.54	0.57
Indiana	0.48	0.68	0.48	0.67	0.85
lowa	0.33	0.58	0.38	0.61	0.74
Kansas	0.35	0.58	0.38	0.58	0.78
Kentucky	0.24	0.48	0.34	0.53	0.69
Louisiana	0.14	0.37	0.35	0.67	0.62
Maine	0.22	0.47	0.41	0.64	0.71
Maryland	0.26	0.50	0.32	0.52	0.70
Massachusetts	0.22	0.46	0.34	0.57	0.67
Michigan	0.41	0.64	0.38	0.52	0.79
Minnesota	0.33	0.56	0.40	0.57	0.77
Mississippi	0.30	0.54	0.45	0.68	0.79
Missouri	0.32	0.56	0.42	0.62	0.79
Montana	0.35	0.58	0.40	0.52	0.83
Nebraska	0.33	0.57	0.35	0.47	0.81
Nevada	0.44	0.66	0.43	0.59	0.85
New Hampshire	0.16	0.40	0.32	0.58	0.66
New Jersey	0.21	0.45	0.36	1	0.67
New Mexico	0.29	0.54	0.37	0.68	0.73
New York	0.36	0.59	0.41	0.59	0.78
North Carolina	0.33	0.57	0.42	0.60	0.79
North Dakota Ohio		0.72 0.55	0.43		
Oklahoma	0.32	0.53	0.39	0.56	0.75
	0.29	0.53	0.39	0.63 0.65	0.75
Oregon Pennsylvania	0.33	0.57	0.41	0.60	0.78
Rhode Island	0.32	0.53	0.41		0.78
South Carolina	0.28	0.53	0.35		0.67
South Carolina South Dakota	0.21	0.45	0.36	0.55	0.74
Tennessee	0.36	0.75	0.41	0.59	0.93
Texas	0.19	0.43	0.34	0.55	0.71
Utah	0.19	0.42	0.32		0.78
Vermont	0.35	0.59	0.45	0.73	0.78
Virginia	0.37	0.50	0.42		0.82
Washington	0.32	0.56	0.38		0.73
		0.36			
West Virginia Wisconsin	0.19	0.43	0.29		0.65
Wyoming	0.31	0.88	0.38		1.00
Nationwide Avg	0.28	<u>.,0.52</u>	ed by Election Data	0.59	0.73