EXHIBIT J
Information Sciences Conference
24th Annual Geographic

Tbilisi
March 23-24, 2011

Redistricting Process and Requirements
State of Maryland
BOUNDARY ANNEXATION SURVEY (BAS) - Secretary of MDP - "Certifying Official" for Municipal Annexations and data products

MDP is also the repository of reapportionment and redistricting maps

Assist in Local Redistricting effort as requested

Task Force

Liaison with Census Bureau and NCSL - Maryland Liaison Redistricting Data Coordination with State and Local Boards of Elections

Participants in all 5 phases - Maryland Representative

Redistricting Data Program with the U.S. Bureau of the Census - MDP is Maryland's designated State Agency Coordinator for the Census

Role in Redistricting
Maryland Department of Planning

BACKGROUND
Examples: Voting districts/precincts, census blocks

Identity those small areas

Requires the Census Bureau to work with the states to

Census Day

Legislative redistricting no later than 1 year following

Mandates the provision of small area data required for

Public Law 94-171

Redistricting Data Program (RDP)

What is Census
History of the Census Redistricting Data Program

- 2000 Redistricting Data Program
- 1990 Redistricting Data Program
- Creation of TIGER Database for 1990 Census
- Public Law 94-171 passed in 1975
- Voting Rights Act of 1965
Phase 1: Legislative District Project

Phase 2: Voting District / Block Boundary Specification Project

Phase 3: 2010 Census Data & Geographical Products

Phase 4: Collection of Post-2010 Redistricting Plan

Phase 5: Evaluation & Recommendations for 2020 Census

The Census Redistricting Data Program
Building Block Precincts to Congressional & Legislative District Plans, Maryland
Case 1:13-cv-03233-JKB

Document 177-12

Filed 05/31/17

Page 11 of 57

and General Elections

> Develop Precinct Level Election Database: Primary

> Decennial Census Boundary Changes to the U.S. Census Bureau

> Map Preparations - Reporting of Precinct and

> Update Precinct Boundaries

Local Boards of Elections

Coordination with State and
Participate in all phases of the Census Redistricting Data Program.

Any precinct changes during the decade.

Legislative the Redistricting.

Update 2010 Precincts to Precincts following the Congressional and State.

There will be 3 steps to this Program.

Update Precinct boundaries coming up.

Local Boards of Elections.

Coordination with State and

Cond.
PHASE 2 (Part 1) REDISTRICTING DATA PROGRAM Challenges
Split Precinct in Legislative District...no no
Legislative and Election Districts Boundary Line
Phase 2 (1st part)

MTPS PROBLEMS ENCOUNTERED
Maryland received P.L. 94-171 on February 9, 2011.

Beginning in early February 2011, the P.L. 94-171 data files were also flowing on a state by state basis with DE on 12/06/10. TigerLine Geospatial Shapefiles released on state by state starting Big Day - Data Releases from the 2020 Census.
Reference Map

Reference Map

Incorporated Places and Census Defined Places

- Voting Districts
- State Legislative
- Congressional

Products for Redistricting

2010 Census – Maps and
2010

65 House State Legislative Districts
47 Senate State Legislative Districts
2,490 Voting Districts/Precincts/Wards
14,247 Census Tabulation Blocks

2000

9,000 Census Tabulation Blocks

of Maryland

2000-2010 Redistricting Data for State
Blocks and precincts boundary line

Census - Challenges
2010 Redistricting process in Maryland
Voting Districts, State Legislative Districts, Congressional Districts
Starting with the census tabulation block
- Data summarized at various geographic levels
- Housing Unit Tails (occupied/vacant)
- By race and Hispanic Origin
- Total Population and Population 18 Years and Older

DVD of redistricting data tabulation (Note: after then April 1, 2017)
- Maps in PDF and/or paper formats
- TIGER Shapefiles (Delivered First)

State Received:
PL 94-171 Geographic and Data Products
<table>
<thead>
<tr>
<th>Layers (as of May 16, 2017)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tabulation blocks</td>
<td></td>
</tr>
<tr>
<td>Voting districts (precincts)</td>
<td></td>
</tr>
<tr>
<td>Election districts/Wards</td>
<td></td>
</tr>
<tr>
<td>Census Designated Places</td>
<td></td>
</tr>
<tr>
<td>Municipalities</td>
<td></td>
</tr>
<tr>
<td>Counties</td>
<td></td>
</tr>
</tbody>
</table>

TIGER/LINE files used with redistricting software:

Why GIS layers are used for Maryland Redistricting:
Contact the Maryland Department of Planning at 410-767-4500 or the Maryland Planning and Zoning Administration (PMZ) for further information. Visit our website at http://planning.maryland.gov/redistricting/

Without Population Act of 2010

Without Representation purposes of redistricting in accordance with the Maryland “No Representation Act of 2010.

The Secretaries of the Maryland Department of Planning and the Department of Legislative Services (DLS) certified adjusted Census figures for the process of implementing the Act.

The Act, approved by the General Assembly and signed by the Governor last year, before incarceration. Information on some 22,000 prisoners was reviewed in the state Legislative and local redistricting purposes based on their last known address. Requires that prisoners in state or federal prisons are counted for Congressional.
Pursuant to Maryland law, passed in 2010, the Maryland census data must be adjusted for purposes of creating congressional, state legislative, and local districting plans. Generally, the law requires that the census data must be adjusted to reassign Maryland residents in correctional institutions to their assigned address and to exclude out-of-state residents in correctional institutions from redistricting.

Data used for Maryland Redistricting

ADJUSTED Census population counts (P.L.94-171) received from Census Bureau
Adjusted Census Population by race
Adjusted Census Population by ethnicity
Housing (New for 2010)

Setup for use with redistricting software and maps
Special Projects - Products & Services

- Standard & Custom
- Paper Congressional & Legislative District Maps & Reports
- Demographic Profiles
- WEB Address Lookup - Find Your District, Map and Reports

WEB Accessible Congressional & Legislative District Maps and

Product Access and Distribution

Redistricting
What is Redistricting?
DEFINITION

- **Redistricting** is the process of redrawing electoral boundaries within a state based on the principle of one person one vote.

- **Reapportionment** (which is different from Redistricting) assigns seats in the U.S. House of Representatives to states based on their population. This is a requirement of Article 1 of the U.S. Constitution. Once the number of representatives each State receives is determined, each State has the responsibility for creating the specific electoral districts from which representatives are to be elected.

- The U.S. Constitution requires that **Congressional districts** be periodically adjusted or redrawn to account for population shifts among them. As with all states, Maryland redistricts after the decennial census is completed and new population data is available to accurately distribute the population among districts.

- In Maryland, the **General Assembly** is ultimately responsible for passing a bill redrawing congressional boundaries. The Governor of Maryland is initially responsible for the state legislative district plan.
REDISTRICTING PROCESS IN MARYLAND
CONGRESSIONAL and LEGISLATIVE DISTRICTS

In Maryland, The Governor’s Redistricting Advisory Committee has traditionally been
given the authority to develop proposed Redistricting plans for both Congressional
and Legislative Districts.

CONGRESSIONAL
Congress has given the state legislatures authority to redistrict congressional seats. The only federal
statutory requirement is that congressional districts be single-member districts.
Both the Maryland Constitution and statutes are silent on the matter of congressional redistricting.
The Maryland congressional plan is introduced as a regular bill in the General Assembly and must be
passed by both houses and signed by the Governor who has veto power over the plan.

LEGISLATIVE
• Article III, Section 5 of the Maryland Constitution requires the Governor to prepare a legislative
districting plan following the decennial census. The Governor must present the plan to the President
of the Senate and the Speaker of the House of Delegates. The presiding officers must have the plan
introduced as a joint resolution on the first day of the regular session in the second year following the
decennial census (January, 2012). If the General Assembly has not adopted another redistricting plan
by the 45th day of the session, the Governor’s plan as presented becomes law.
Caliper – Mapitude for P & E
Citygate GIS – ArcGIS 10

Software used for Maryland Redistricting
installation for the Governor's Office and Support Staff

MDP Redistricting Hardware and Software Acquisition and

Committee

MDP Technical Staff to the Governor's Redistricting Advisory

Committee

General Assembly Legislative Services provide technical support for the Maryland

LAST DECADES
Keep in mind state Constitutional requirements

Congressional and Legislative redistricting

Schedule regional public hearings throughout state for the

Guidelines for 3rd party plan submission

Adopt legal guidelines for plan development

Establish schedule for meetings

Census population for Maryland redistricting

Briefing of the Committee - educate leadership & members about adjusted

Appointment of the Governor's Redistricting Advisory Committee, if

Following the appointment:

Governor chooses to do so.

Appointment of the Governor's Redistricting Advisory Committee.
Public Release of the Final Plan Recommendation to Governor (including Internet)
Public Hearing on Committee's Plan Proposal
Public Release for Review of Committee's Proposal (includes Internet)
Advisory Committee Legislative District Plan Recommendation

Advisory Committee Congressional District Plan Recommendation

2012 (late 2011)

Recommendations
Congressional plan General Assembly hearings on Congressional bill(s).: adopts a legislative plan takes effect by 45 days unless other plan adopted. General Assembly hearings on legislative plan (s): Governor's State district plans.

Introduction of Bills - Alternative Congressional & State Legislative

Session in the second year following every Census (First day of regular session in the Maryland General Assembly January, 2012 (First day of regular Governor submits State Legislative Redistricting Plan, as a Joint Resolution)

2012 Session of Maryland General Assembly

What's Next
State publishes Adopted Redistricting Plans and Maps

2012 Congressional District plan
2012 State Legislative District plan

Legal challenges to redistricting plans and plan DEFENSE

Congressional District Plan
State Legislative District Plan
Soon after get ready for Circle of LIFE REDISTRICTING 2020!!!

WHAT HOLLOWS AFTER REDISTRICTING

produce hundreds AND THOUSANDS of Maps of all sizes and color and details and no details say

Everything will be accessible on the Website these days..... GOOGLE IT!! One would
data products follow, no later than April 1, 2011.

Case 1:13-cv-03233-JKB   Document 177-12   Filed 05/31/17   Page 52 of 57

Geographic Products: Geographic products delivered first.

2011 - Phase 3: Delivery of the RL 94-171 Redistricting Data &

2010 - Census day April 1st, 2010

Certified by the local Board of Elections

Census data: MDP updated precincts - reverified and

updated. Geographic areas will be used to tabulate 2010

voting district boundaries and tabulation block boundary

2009-10 - Phase 2: Redistricting Data Program (VTD/BBSP) - Collective


Census data to those boundaries. Released data on DVD and

district block equivalency files. Census tabulation of 2000

2005-07 - Phase 1: Submission of 2002 Congressional & State Legislative

Conclusion: IN SHORT
State Legislative districts under New District Plan

Congressional Election under New District Plan

Challenges, Court Rulings to Adopted Plans

Assembly adopts Congressional Plan

Assembly, 45 days to challenge or plan adopted, General

Introduces Plan as Joint Resolution to the General

The First Day of the Session The Presiding Officers

Jan. 2012

and the Speaker of the House of Delegates
Governor Presents the Plan to the President of the Senate
Governor

Advisory Committee Plan Recommendations to the

Redistricting plans, public hearings, final

2014

Apr-Dec, Governor's Redistricting Advisory Committee, Appointed,
Municipal Boundary Updating
Software & Data Maintenance - Census/TigerLine/Precinct &

and Processing
Precinct Level Election Data - Primary and General - Collection

Enhanced Precinct Boundary Map Layer

Redistricting records, maps & products
Software, Database & GIS layers mainenance of Maryland's

GIS Layer and Data Maintenance

Redistricting