

**Legislative Reapportionment Commission  
November 15, 2021**

# **Draft Legislative District Plans**

**Submitted by Amanda Holt**

# Five Considerations

**#1**

**Consider the definition of  
absolute necessity:**

No other recourse is available  
to meet the Constitution.

**#2**

**Consider the definition of  
“equal as practicable”:**

Use the Federal Standard of  
a 10% overall population range.

**#3**

**Consider the definition of  
“contiguous”:**

Allow geographic anomalies  
(even though technically  
not contiguous)

# Example of a Geographic Anomaly



**#4**

**Consider the definition of  
“compactness”:**

Use in a general sense  
(without a mathematical threshold).

**#5**

**Consider the definition of  
“minority districts”:**

VAP of one minority group  
is greater than the white VAP.



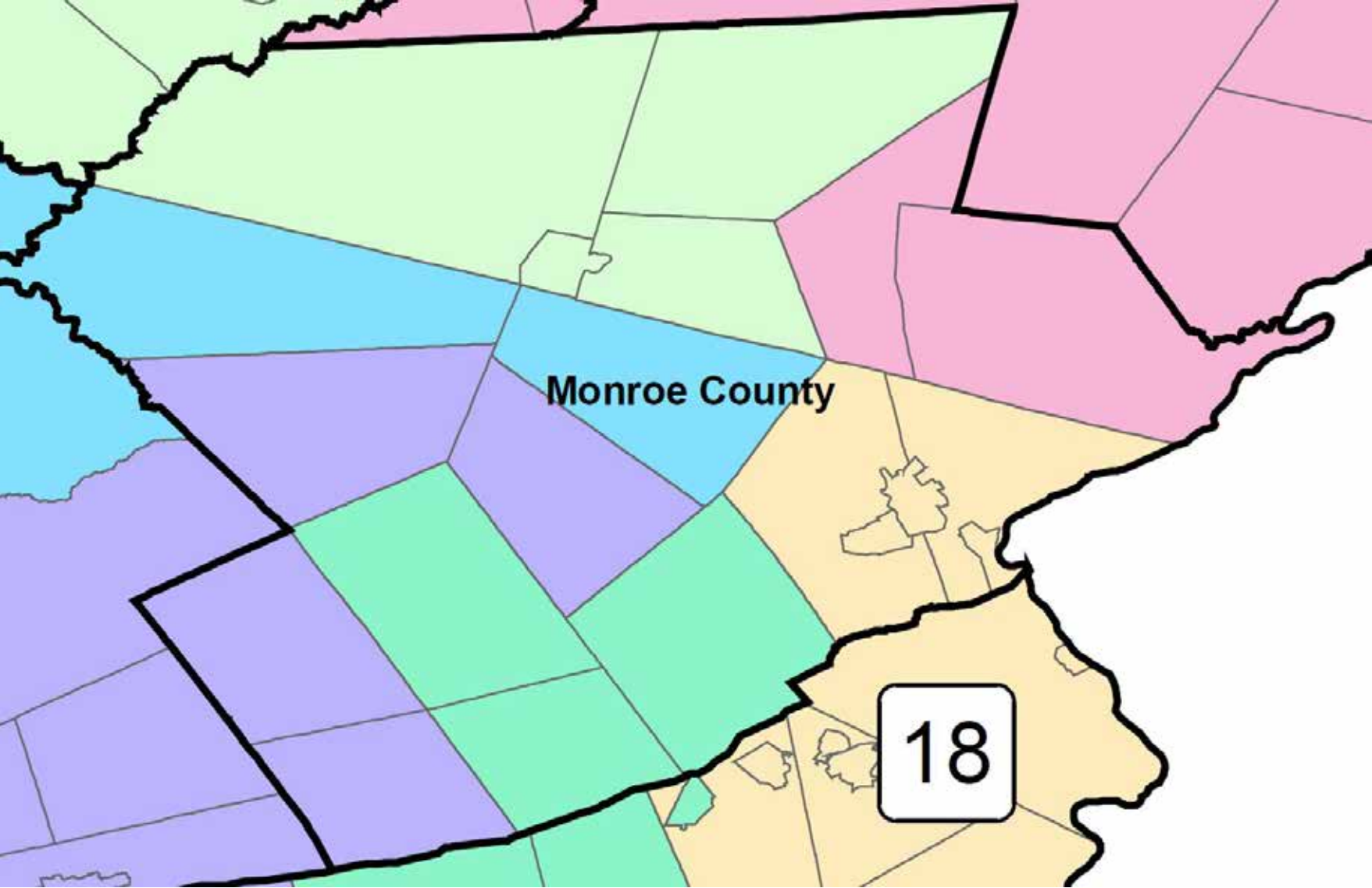
# Terms to Clarify

## Splits vs. Total Splits

Splits count the number of places divided.

Total Splits count the number of times a place is divided

# Example: 1 County, 5 Total Splits



# **Terms to Clarify**

## **Pre-determined vs. Discretionary Splits**

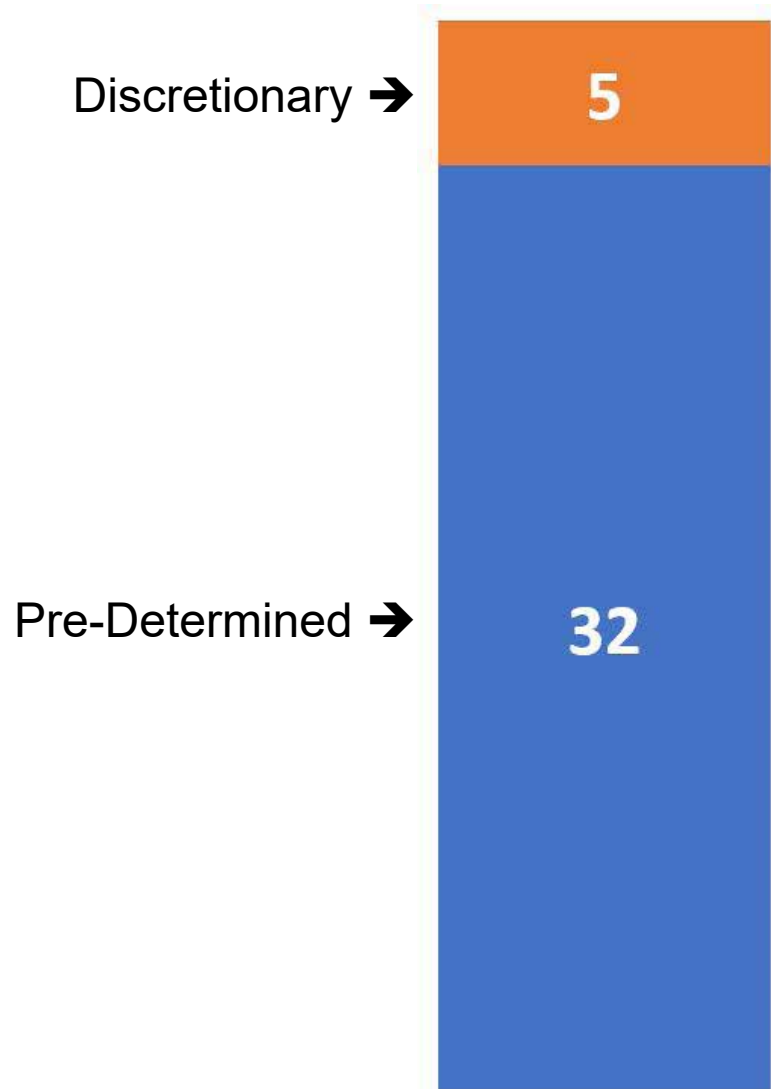
Pre-determined = no choice based  
on population of jurisdiction.

Discretionary =  
choice of placement.

# **What is the minimum number of “absolutely necessary” divisions to achieve:**

- Minority Districts
- Equal Population
- Contiguous Districts
- Compact Districts

# Total Splits in Draft Senate Plan:



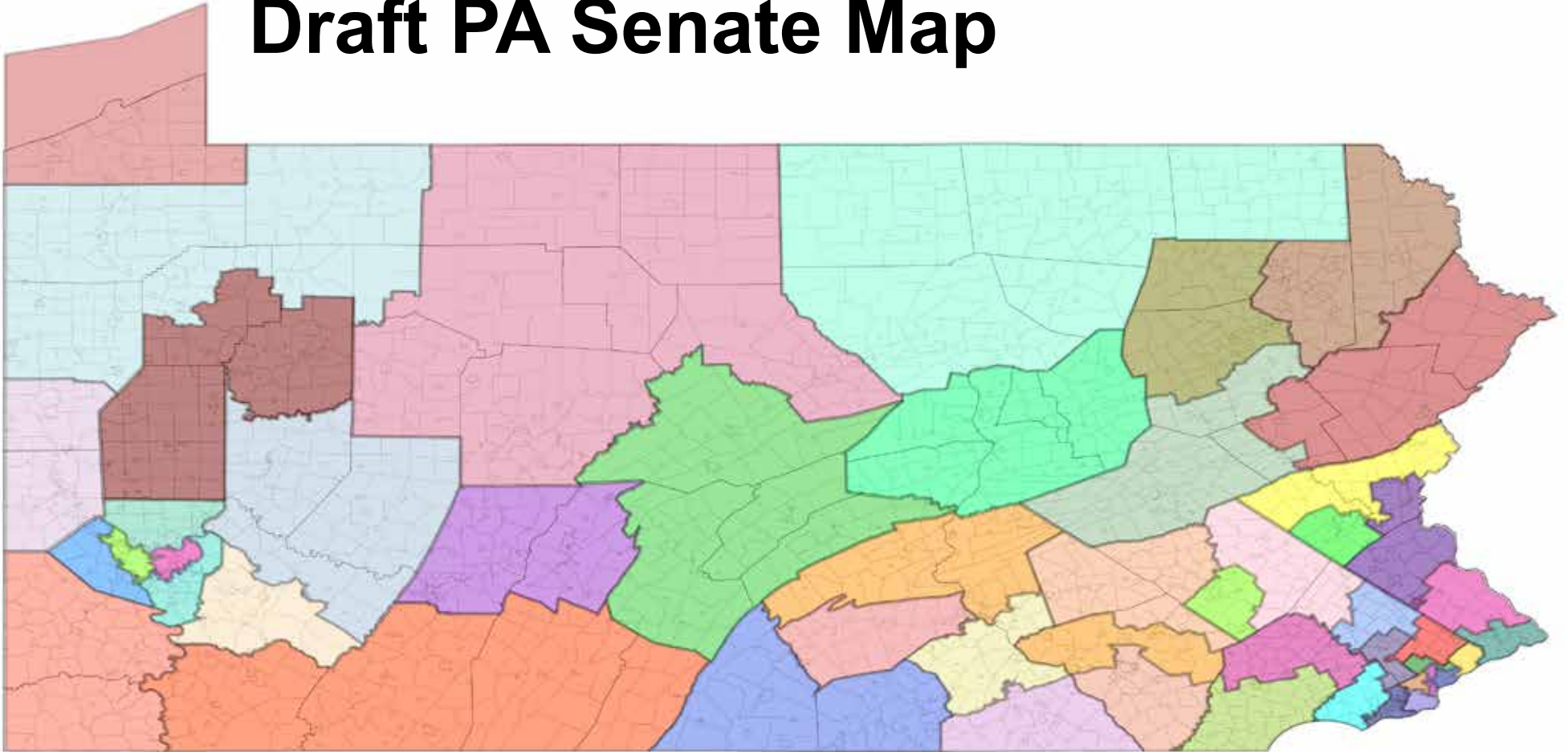
## Details on Discretionary Total Splits

- 3 in counties for population
- 2 in wards for minority districts

## Constitutional Requirements

- Minority Districts
  - 4 = Blacks largest share of VAP
  - 1 = Hispanics share of VAP
  - 1 = Coalition district
- Equal Population
  - 9.84% Overall Range
- Contiguous Districts
  - Yes with one with a geographic anomaly (in Chester County district)
- Compact Districts —
  - District Builder: 37%
  - Roeck: .3991
  - Polsby-Popper: .3617

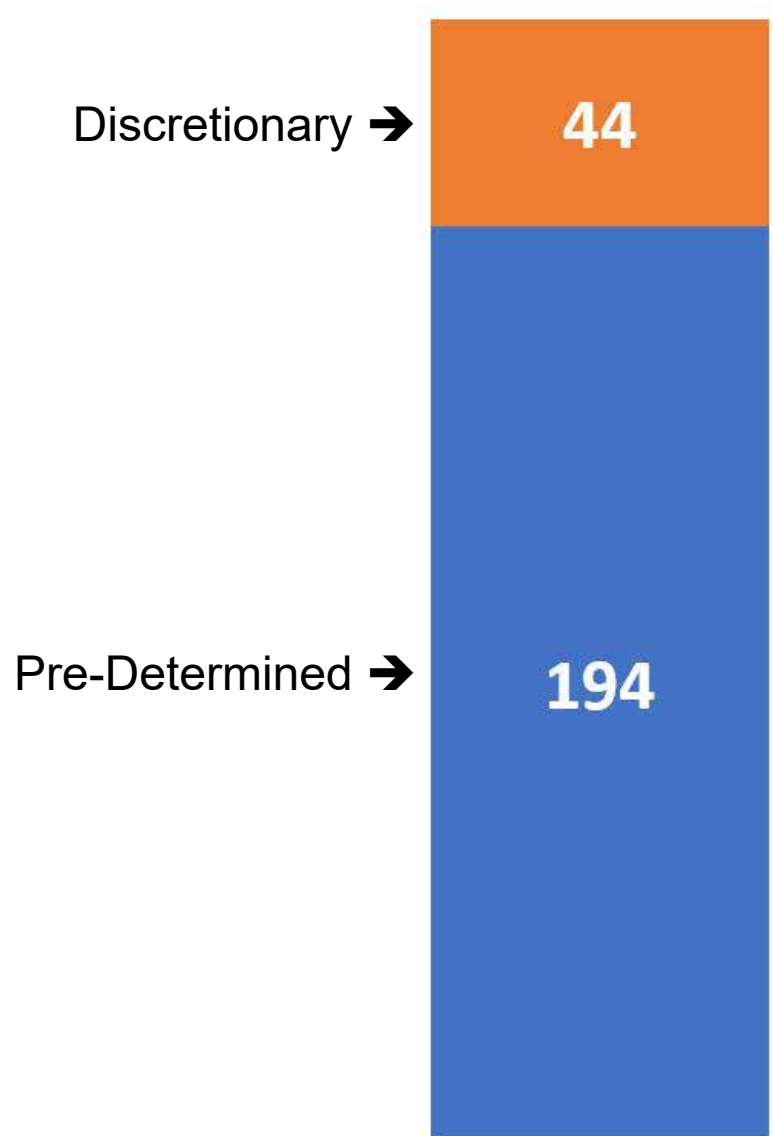
# Draft PA Senate Map



Dave's Redistricting App: <https://davesredistricting.org/join/e71cc1cb-68f1-425f-b5fa-e9077803d553>

District Builder: <https://app.districtbuilder.org/projects/b9d8ec30-fb31-4a63-bafe-315b806be289>

# Total Splits in Draft House Plan:



## Details on Discretionary Total Splits

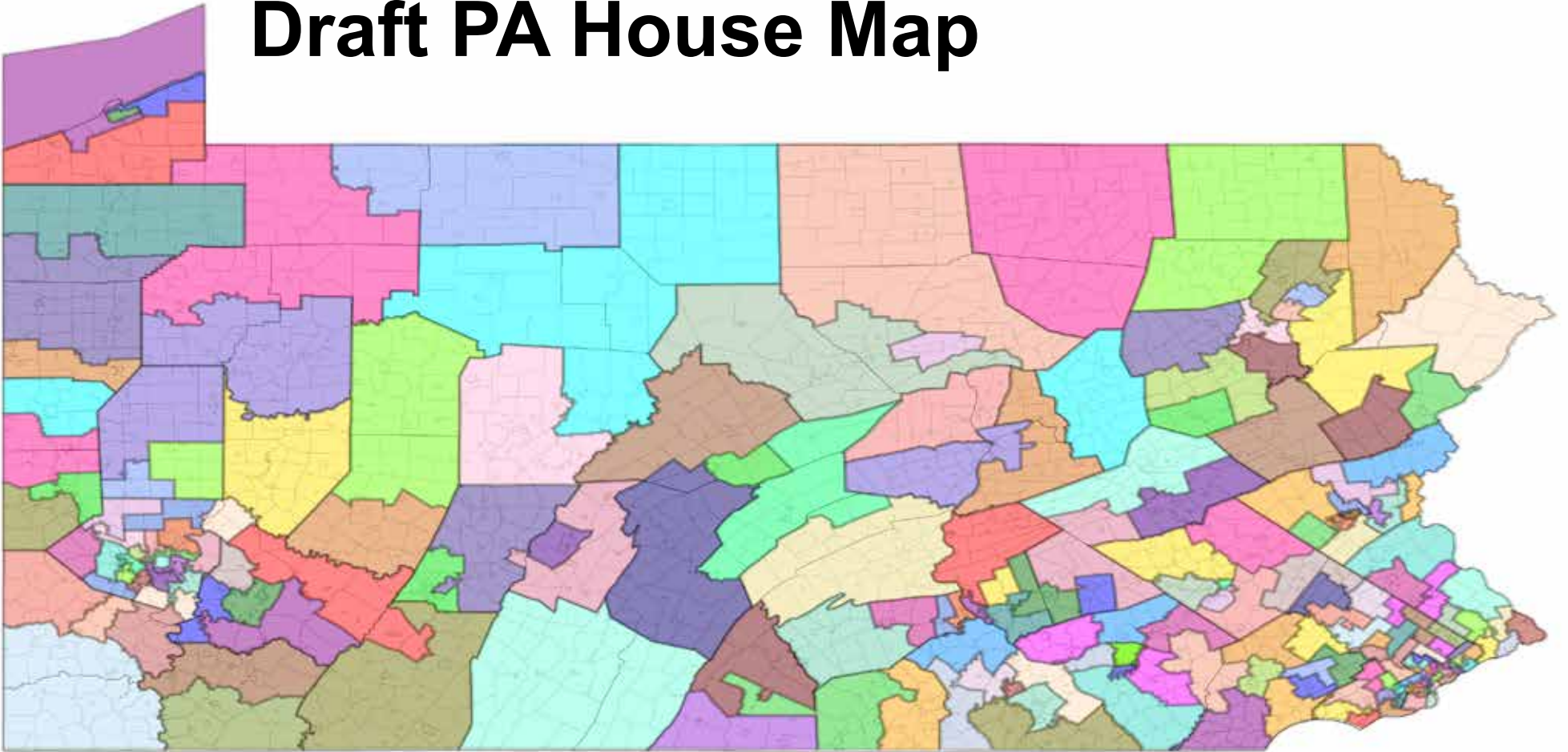
	For Population	For Minority Districts
In Counties	11	
In Municipalities	6	9
In Wards	9	9
In Total	36	18

## Constitutional Requirements

- Minority Districts
  - 19 = Blacks largest share of VAP
  - 4 = Hispanics largest share of VAP
  - 4 = Coalition districts
- Equal Population
  - 9.66% Overall Range
- Contiguous Districts
  - Yes with three with a geographic anomaly (in the counties of Chester, Lancaster, and Lehigh)
- Compact Districts
  - District Builder: 36%
  - Roeck: .3850
  - Polsby-Popper: .3539



# Draft PA House Map

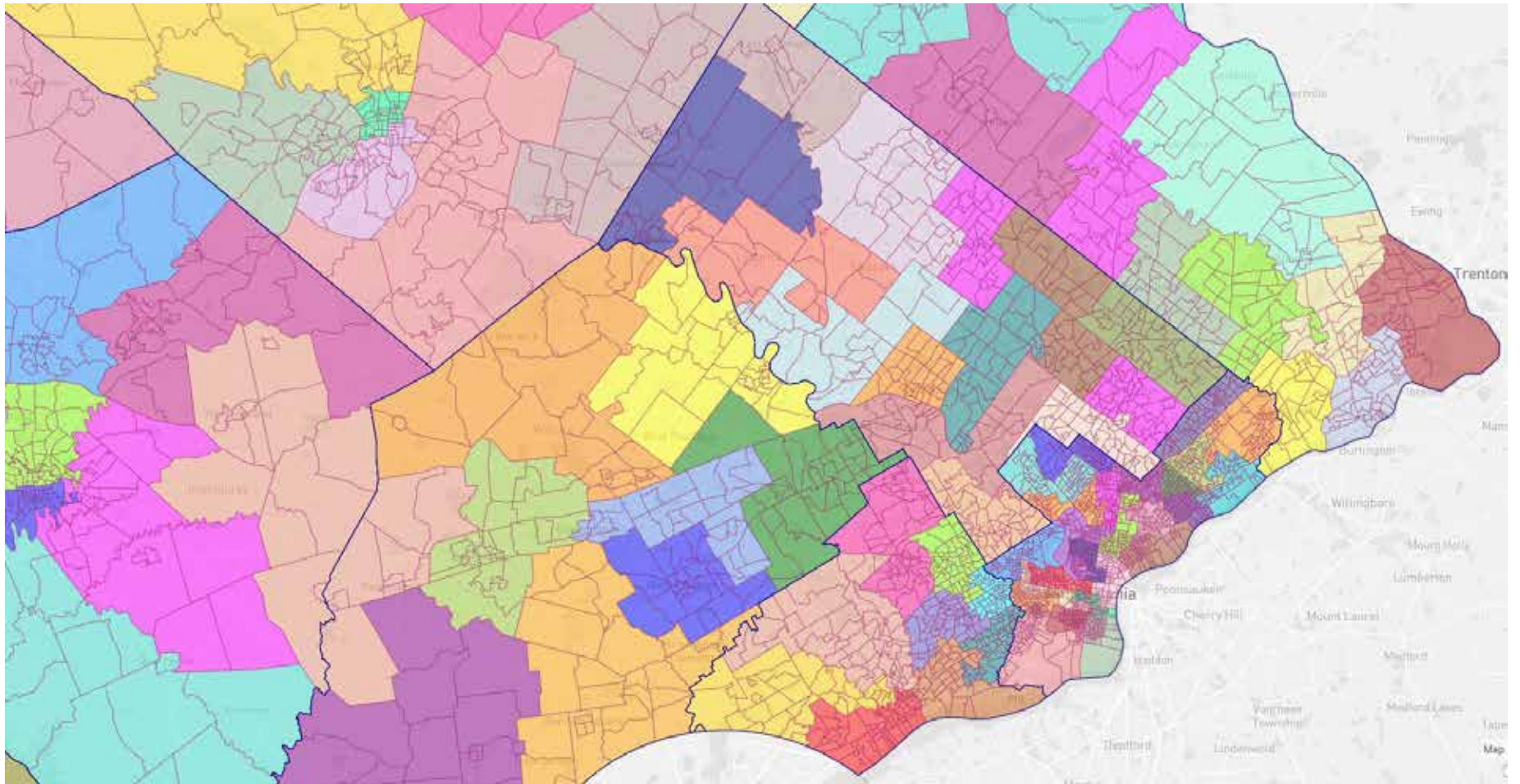


Dave's Redistricting App: <https://davesredistricting.org/join/a3a79f0d-f80c-4a80-8013-758bdb7d7d92>

District Builder: <https://app.districtbuilder.org/projects/1e53ed31-a005-4cee-8951-bcc26aff54d0>



# Draft PA House Map: Southeast



# Draft PA House Map: Southwest

