# Reforms II: Gerrymandering Session 22

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# Roadmap

**Districting** 

Gerrymandering

Consequences

**Solutions** 

Districting

### Place-Based Representation

- ► A political representative "stands in for" a collection of citizens, but how should those collections be defined?
- ▶ One option is geography. What are some alternatives?
- Because the US uses place-based representation, people are represented indirectly via representation of where they live (or vote).
- ► This indirectness introduces a distinctive set of distortions and biases into the representational relationship.

### The UK Parliament, 1800



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Liverpool (Pop: 77,000, MPs: 2)



Old Sarum (1834) by John Gonstable. This image is in the public domain. Source: Web Gallery of Art.

Old Sarum (Pop: 7, MPs: 2)

# US State Legislatures, 1960

Ratio of Largest to Smallest Population Per Member, Each House, American State Legislatures, 1960

State	Lower House	Upper House	State	Lower House	Upper House
Alabama	15.6	41.2	Montana	14.0	88.4
Alaska	6.4	10.8	Nebraska	Unicameral	2.7
Arizona	5.3	85.8	Nevada	31.4	223.6
Arkansas	6.4	2.3	New Hampshire	1081.3	3.0
California	6. 2	422.5	New Jersey	4.6	19.0
Colorado	8.1	7.3	New Mexico	15.5	139.9
Connecticut	424.5	6.7	New York	14.8	4.0
Delaware	35.4	16.8	North Carolina	19.0	6.0
Florida	108.7	98.0	North Dakota	7.5	9.9
Georgia	98.8	42.6	Ohio	14.5	2. 2
Hawaii	2. 2	5.9	Oklahoma	14.0	26.4
Idaho	25.5	102. 1	Oregon	3.0	3.5
Illinois	3.6	9.4	Pennsylvania	31.1	10.7
Indiana	5.4	4.4	Rhode Island	39.0	141.0
Iowa	17.8	15.0	South Carolina	3, 1	25.1
Kansas	33. 2	21.3	South Dakota	4.7	5.8
Kentucky	6.0	2.9	Tennessee	23.0	6.0
Louisiana	17.4	8.0	Texas	6.7	9.4
Maine	6.6	2.8	Utah	27.8	6.9
Maryland	12.5	31.8	Vermont	987.0	6.4
Massachusetts	13.9	2.3	Virginia	7.1	5.5
Michigan	4.0	12.4	Washington	4.6	7.3
Minnesota	13.3	5.8	West Virginia	9.0	3.4
Mississippi	16.7	8.8	Wisconsin	3.9	2.8
Missouri	22. 2	2.8	Wyoming	3.4	9.8

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## One Person, One Vote

- ► Legislative districting has traditionally been considered a political question, and judges have been wary to wade into the "political thicket" to interfere with states' decisions.
- ▶ This changed somewhat in the 1960s, especially with Supreme Court's landmark decision *Baker v. Carr* (1962), which required that legislative districts have approximately equal population.
- ► Two indirect consequences of Baker v. Carr:
  - ► More frequent redistricting (every 10 years at least)
  - ▶ Displacement of traditional districting norms (e.g., respecting county lines)

# Race and Redistricting

- ► The 1960s also brought much stronger federal protections of voting rights, esp. for blacks and other underrepresented groups.
  - Voting Rights Act of 1965 (and 1970, 1975, 1982, etc.)
  - ▶ Judicial interpretation and enforcement
- ► The VRA prohibited districting schemes that "diluted" the political influence of protected racial/ethnic groups.
- Courts often interpreted this as affirmative duty to create majority-minority districts and invalidated plans lacking them.

# Partisanship and Redistricting

- ► Even after the reapportionment and voting-rights revolutions of the 1960s, courts remained unwilling to strike down plans based on partisan criteria.
- As long as plans didn't run afoul of the VRA (tricky, esp. in South), courts had no problem with plans designed to dilute the influence of the opposition party.
- ▶ In the last decade, however, federal (though not Supreme) and esp. state courts have begun invalidating extreme partisan gerrymanders (e.g., PA and NC).

# State-Specific Rules and Institutions

The institutions and rules governing the districting process differ substantially across states (and between legislative and congressional).

- ► Who draws the (legislative) lines?
  - Legislature + governor (26)
  - Legislature alone (10)
  - ► Independent commission (8)
  - ▶ Political commission (6)
- Criteria:
  - Contiguity
  - Political boundaries
  - Compactness
  - Communities of interest
  - Political outcomes

Gerrymandering

# Eldridge Gerry's Salamander



The Gerry-Mander by Elkanah Tisdale. This image is in the public domain.

# Conflicting Incentives

In addition to institutiona and legal constraints, redistricters face possibly competing incentives.

- ▶ Personal: Maximize probability of reelection.
- Partisan: Maximize probability of party majority.

How might these incentives conflict?

## North Carolina: A Persistent Example

#### % Slave, 1860



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#### Dem-Controlled, 1872



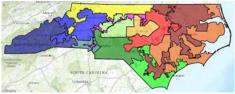
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#### Dem-Controlled, 1983



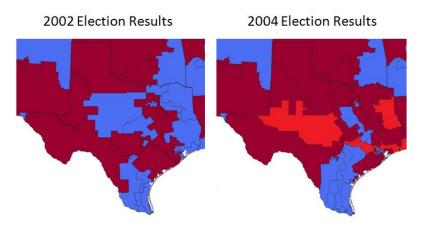
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#### Court-Ordered, 1993



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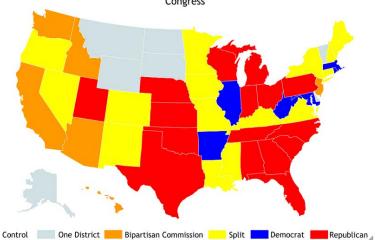
## Texas 2003: A Harbinger



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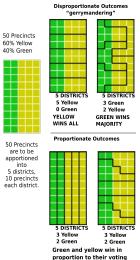
#### The 2010 Elections

# United States Redistricting Control Congress

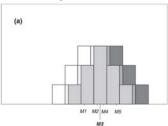


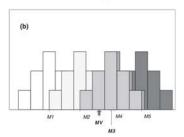
 $Source: \underline{Micah\ Altman\ \&\ Michael\ McDonald\ /\ The\ Public\ Mapping\ Project}.\ License\ CC\ BY.$ 

## Partisan Bias in Theory



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Measures of partisan bias:

► Proportional represention?

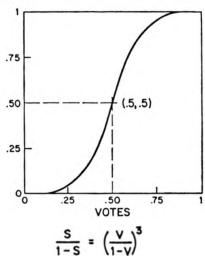
Districting Gerrymandering Solutions

#### Partisan Bias in Practice

# SEATS

Measures of partisan bias:

Proportional represention?



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← 2010

Measures of partisan bias:

- ► Proportional represention?
- ▶ Mean-median difference

Nancy Pelosi Leader John Boehner Republican Democratic Party Leader since February 2, 2006 January 3, 2003 Leader's seat Ohio-8th California-12th 242 seats, 51.7%[1] Last election 193 seats, 44.9% 234 201 Seats won Seat change **V**8 **A** 8 Popular vote 58,228,253 59.645.531

November 6, 2012

All 435 seats in the United States House of Representatives and all 6 nonvoting delegates
218 seats needed for a majority

2014 →

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R median—mean = +5.1%

48 8%

▲ 3.9%

47.6%

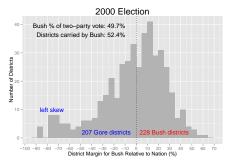
▼ 4.1%

Percentage

Swing

#### Measures of partisan bias:

- Proportional represention?
- ► Mean-median difference
- Bias in tied election



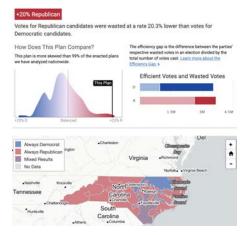
Republican bias 
$$= +2.7\%$$

#### Measures of partisan bias:

- ► Proportional represention?
- ► Mean-median difference
- Bias in tied election
- Efficiency gap (difference in % of "wasted" votes)"

$$EG = S - .5 - 2(V - .5)$$

When V = .5, EG is simply the size of the focal party's majority/minority.



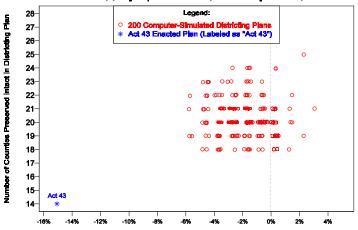
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# Distinguishing Intentional and "Natural" Gerrymanders

The Wisconsin State Legislature, 2012–2020

#### Comparison of Simulated Districting Plans to Act 43 On Efficiency Gap and Preservation of County Boundaries



Efficiency Gap of Districting Plan (Wasted Rep. votes minus wasted Dem. votes, divided by total votes cast)

Stephanopoulos, Nicholas. The Research That Convinced SCOTUS to Take the Wisconsin Gerrymandering Case, Explained." July 11, 2017. Vox. © Vox Media, LLC. All rights reserved. This content is excluded from our Creative Commons license. For more information, see https://ocw.mit.edu/help/faq-fair-use/.

Consequences

#### Polarization

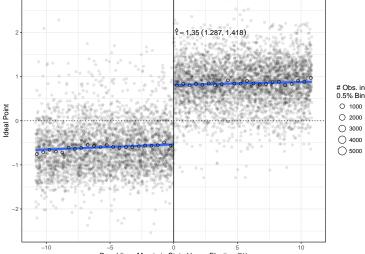
The idea that gerrymandering explains polarization appeals to many people (we want all "bads" to go together).

- ▶ What's the logic behind this belief?
- What's wrong with this logic?

Gerrymandering may not explain polarization, but polarization exacerbates the effects of gerrymandering.

# Intradistrict Divergence

Effect of Partisan Selection on State Legislators' Ideal Points

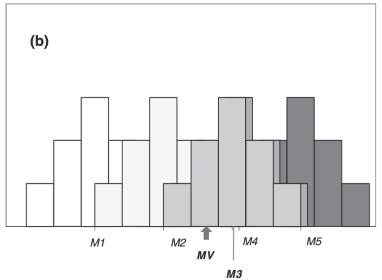


Republican Margin in State House Election (%)

Caughey, Devin, Chris Tausanovitch, and Christopher Warshaw. "Partisan Gerrymandering and the Political Process: Effects on Roll-Call Voting and State Policies." Election Law Journal: Rules, Politics, and Policy 16, no. 4 (2017): 453-69. 

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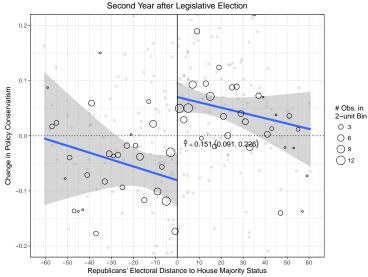
# Gerrymandering with Partisan Divergence



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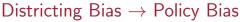
# The Policy Effects of a Legislative Majority

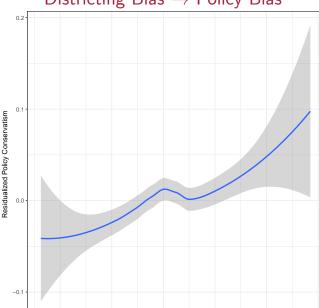


Caughey, Devin, Chris Tausanovitch, and Christopher Warshaw. Partisan Gerrymandering and the Political Process Effects on Roll-Call Voting and State Policies. Election Law Journal: Rules, Politics, and Policy 16, no. 4 (2017): 453–69. © Mary Ann Liebert, Inc. All rights reserved. This content is excluded from our Creative Commons license. For more information, see https://ocw.mit.edu/help/faq-fair-use/.

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Caughey, Devin, Chris Tausanovich, and Christopher Warshaw. "Partisan Gerrymandering and the Political Process: Effects on Boll-Call Yoting and State Politics." Election Law Journal: Rules, Politics, and Policy 16, no. 4 (2017): 435–39. 9 Mary Ann Liebert, Inc. All rights reserved. This content is excluded from our Creative Commons license. For more information, see https://ow.min.edu/help/fagfatis-use/. **Solutions** 

# Prospects for Mitigating Gerrymandering

With increasingly sophisticated software and data and unravelling norms of restraint, parties will likely be even more aggressive in gerrymandering. What might prevent this?

- ► Independent commissions
- Judicial intervention
- ► The political process

## Looking Forward to the 2020 Cycle

#### Republicans will control House maps in 19 states

In most states, the legislative body and the governor will control the redrawing of U.S. House district lines in 2021. Republican control
Democratic control
Mixed control Independent commission
 Current single-district states (could change) Wisconsin **New Hampshire** Democrats stopped a Republicans gained total GOP supermajority control for first time since 2018 MIT Virginia Approved a bipartisan commission this year **North Carolina** Kansas Republicans maintained their Democratic governor supermajority, giving them power to has no veto power override the Democratic governor over map lines

Phillips, Amber. "Where Democrats Will Be Locked Out of Power in Redistricting Battles Next Year," Washington Post, November 11, 2020. © The Washington Post. All rights reserved. This content is excluded from our Creative Commons license. For more information, see <a href="https://ocw.mit.edu/help/faq-fair-use/">https://ocw.mit.edu/help/faq-fair-use/</a>.

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<sup>\*</sup> Single, nonpartisan legislative body, effectively controlled by Republicans.

Sources: National Conference of State Legislatures THE WASHINGTON POST

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