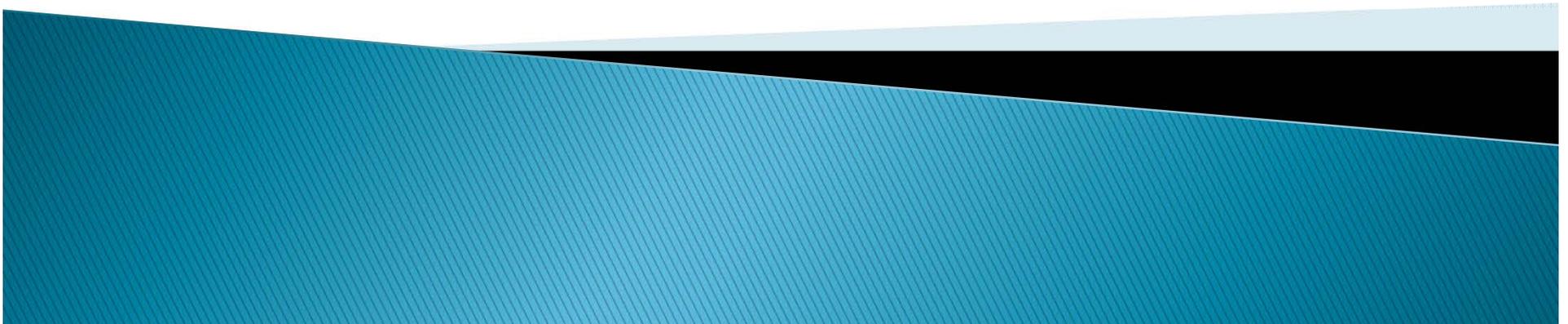


Brookline RePrecincting Committee

Presentation to the
Board of Selectmen
June 7, 2011



2010 CENSUS RE-PRECINCTING COMMITTEE

<u>PRECINCT</u>	<u>NAME</u>	<u>2000 COM</u>	
1	TOMMY VITOLO		Tech
2	STANLEY SPIEGEL	X	Tech
3	JEAN STRINGHAM		
4	JOHN MULHANE		
5	NEIL WISHINSKY, <i>VICE-CHAIR</i>		Tech
6	CAT ANDERSON	X	
7	BERNARD GREENE		
8	CAROL CARO		Tech
9	PAUL HARRIS		
10	MICHAEL TRAISTER		
11	BOBBIE KNABLE		
12	AMY HUMMEL		Tech
13	LEE SELWYN		Tech
14	GEORGIA JOHNSON		
15	AB SADEGHI-NEJAD		
16	MICHAEL BERGER	X	
AL	<i>BETSY DEWITT, CHAIR</i>	X	

- ▶ STAFF: Town Clerk Patrick Ward
- ▶ Recording Secretary Linda Kirby
- ▶ IT Specialists Feng Yang and Jed Ferenbach

The Challenge

- ▶ Town Precincts must be adjusted to accommodate the results of the U.S. Census
- ▶ Occurs every 10 years



The Town of Brookline



Draft



Map Prepared for the Town of Brookline
 Courtesy of William F. Galvin, Census Liaison

Population is based on the official U.S. 2010 Census block-level data.

Minimum 5%	Target Population	Maximum 5%
3,487	3,671	3,855

Precinct Boundaries -- Brookline

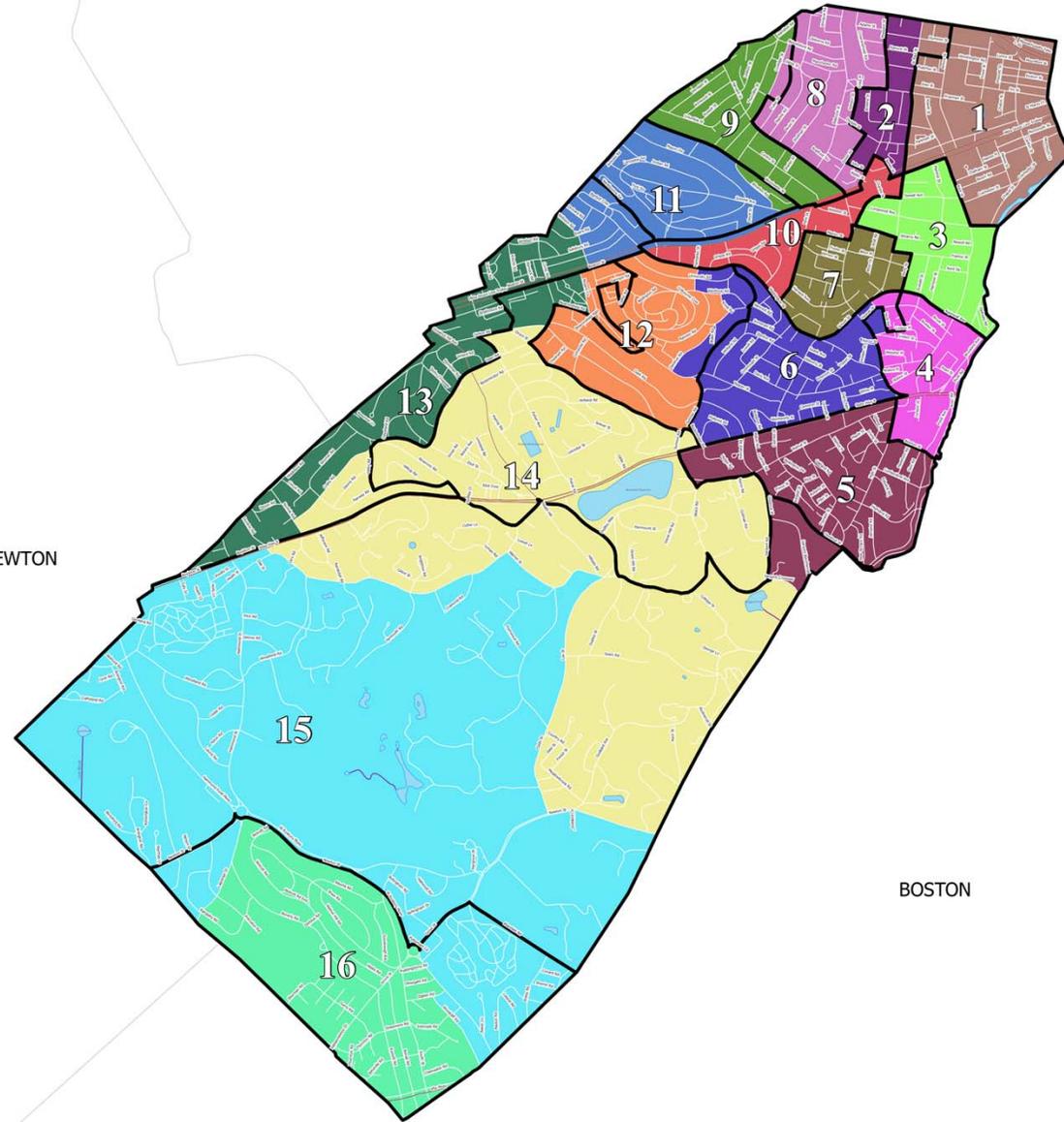
Current Precinct Boundaries

Precinct / Ward	2010 Population	Variance
1	3,833	4.41
2	3,508	-4.44
3	3,606	-1.77
4	3,697	0.71
5	3,635	-0.98
6	3,718	1.28
7	3,660	-0.30
8	3,712	1.12
9	3,684	0.35
10	3,817	3.98
11	3,750	2.15
12	3,579	-2.51
13	3,598	-1.99
14	3,781	3.00
15	3,619	-1.42
16	3,535	-3.70

2010 Population -- 58,732
 Boundaries effective December 31, 2011

NEWTON

BOSTON



Tasks

- ▶ Learn how to create map and the legal standard
- ▶ Develop criteria & methodology for mapping
- ▶ Resolve census block anomalies
- ▶ Shift population from precincts with excess to precincts with deficit
- ▶ Create different mapping scenarios
- ▶ Achieve consensus on a map



Precincts needing to shrink

Precinct	Starting Deviation from Mean
16	19.51%
15	21.69%
14	6.71%



Precincts needing to grow

Precinct	Starting Deviation from Mean
4	-9.61%
5	-12.50%
11	-5.06%
12	-9.06%



Precincts Initially within Guidelines

- ▶ 1
- ▶ 2
- ▶ 3
- ▶ 6
- ▶ 7
- ▶ 8
- ▶ 9
- ▶ 10
- ▶ 13

But every action has a reaction!

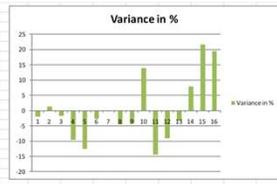


Starting Population by 2000 Census Precinct
 Revised to Reflect Recommended Anomaly Adjustments

Pct	Pop	Dev	% Dev	Allowed Changes at 3%		Allowed Changes at 5%		Previous Population	Adjusted
1	3,600	-71	-1.93%	-39	181	-113	254		
2	3,721	50	1.37%	-160	60	-234	133		
3	3,606	-65	-1.76%	-45	175	-119	248		
4	3,318	-353	-9.61%	243	463	169	536		
5	3,212	-459	-12.50%	349	569	275	642		
6	3,573	-98	-2.66%	-12	208	-86	281		
7	3,660	-11	-0.29%	-99	121	-173	194		
8	3,507	-164	-4.46%	54	274	-20	347		
9	3,513	-158	-4.30%	48	268	-26	341		
10	3,837	166	4.53%	-276	-56	-350	17	4,179	-342
11	3,485	-186	-5.06%	76	296	2	369	3,143	342
12	3,338	-333	-9.06%	223	443	149	516		
13	3,591	-80	-2.17%	-30	190	-104	263	3,548	43
14	3,917	246	6.71%	-356	-136	-430	-63	3,960	-43
15	4,467	796	21.69%	-906	-686	-980	-613		
16	4,387	716	19.51%	-826	-606	-900	-533		
Total	58,732								
Mean	3671	Precinct Population Limits							
+/-3% = 110		3% Max = 3781	3% Min = 3561	Must Gain					
+/-5% = 184		5% Max = 3854	5% Min = 3487	Must Lose					

Census 2010 Redistricting

1	3000	-1.93
2	3721	1.17
3	3006	-1.76
4	3318	-0.41
5	3212	-12.5
6	3513	-0.66
7	3660	-0.29
8	3507	-1.46
9	3513	-4.1
10	4129	13.85
11	3343	-14.38
12	3338	-0.06
13	3548	1.34
14	3960	7.88
15	4467	21.69
16	4387	18.54

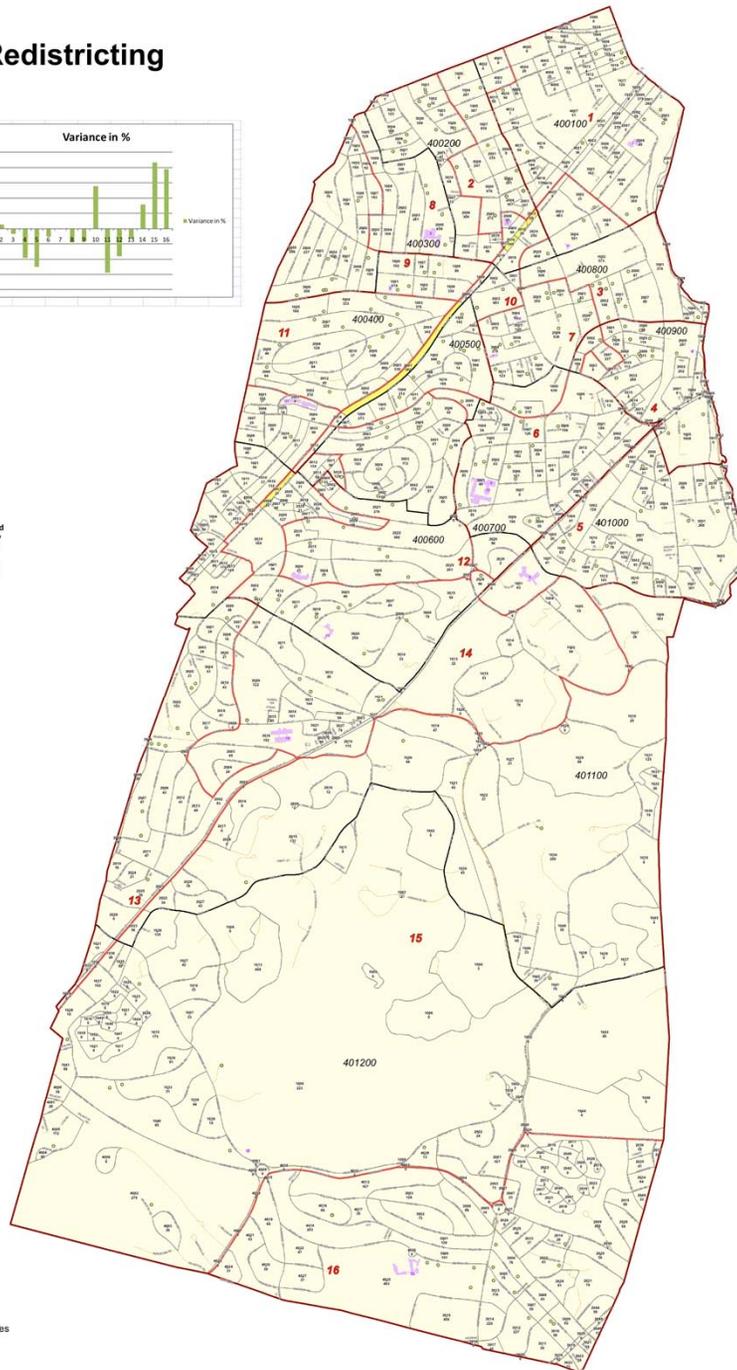


Legend

- Town Meeting Members
- Street Centerlines
- Polling Locations
- High Attention Census Blocks (2010)
- Census Block 2010 (Block No. / Pop.)
- Census Tracts (2010)
- Town Precincts

* This group of five new 2010 Census blocks are selected because 1) they fall along a previous Precinct boundary and 2) they contain population counts but should not because they follow the width of the street. The determination needs to be made from which side of the street the population comes from and assigned to the respective precinct accordingly.

Tract 400600 Block 1017
 Tract 400400 Block 2001
 Tract 400200 Block 2016
 Tract 400200 Block 2015
 Tract 400200 Block 2013



0 0.25 0.5 Miles

1:6,200

Overriding Principle

“The great principle...is equality of representation among all the voters of the Commonwealth.”



Guidelines

- ▶ Compact and contiguous precincts
- ▶ Roughly equal numbers of residents (not voters)
 - $\pm 5\%$ deviation from mean
- ▶ Must use U.S. Census numbers
- ▶ Must not divide Census Blocks



Guidelines (Cont.)

- ▶ Boundaries must follow streets or other “natural boundaries”
- ▶ Must be respectful of “Communities of Interest”
- ▶ Must not fragment minority groups
 - Must not pack high proportion of minorities into one precinct



Additional Considerations

- ▶ Minimize disruptions
- ▶ Respect neighborhoods as much as possible
- ▶ Clean up some anomalous boundaries from last time
 - Precinct 4/6 “Horsehead”
 - Precinct 12/14
- ▶ Consider citizen comments and map submissions



Committee Timeline

Month	Milestone
March 2011	Committee Appointed
March 2011	Census Results Issued
April 2011	Committee Organizes
April 2011	Tech Subcommittee Practice Proposals
May 2011	Beacon St. Anomalies Resolved
May 2011	Proposals to Full Committee by Tech Subcommittee Members
May 2011	Preliminary Adoption of Recommendation to BOS
May 2011	“Final” Adoption of Recommendation to BOS
May 2011	Informal Feedback from SOC
June 2011	Adoption of Technical Corrections
June 2011	Presentation to BOS

Results

- ▶ Unanimous Recommendation
- ▶ Informal SOC comments incorporated into recommendation
- ▶ All precincts within 5% deviation from mean
 - Some are at high end $\pm 4\%$
- ▶ 7 Precincts remain the same
- ▶ 6 incumbent TMMs change precincts



The Map

Committee Recommendation

