

# Incorporating GIS and Civic Participation: Somerville, MA

Higher voter turnout can lead to more community involvement and personal empowerment.

## Who Contributes to whom and where do they live in Somerville.

### Purpose:

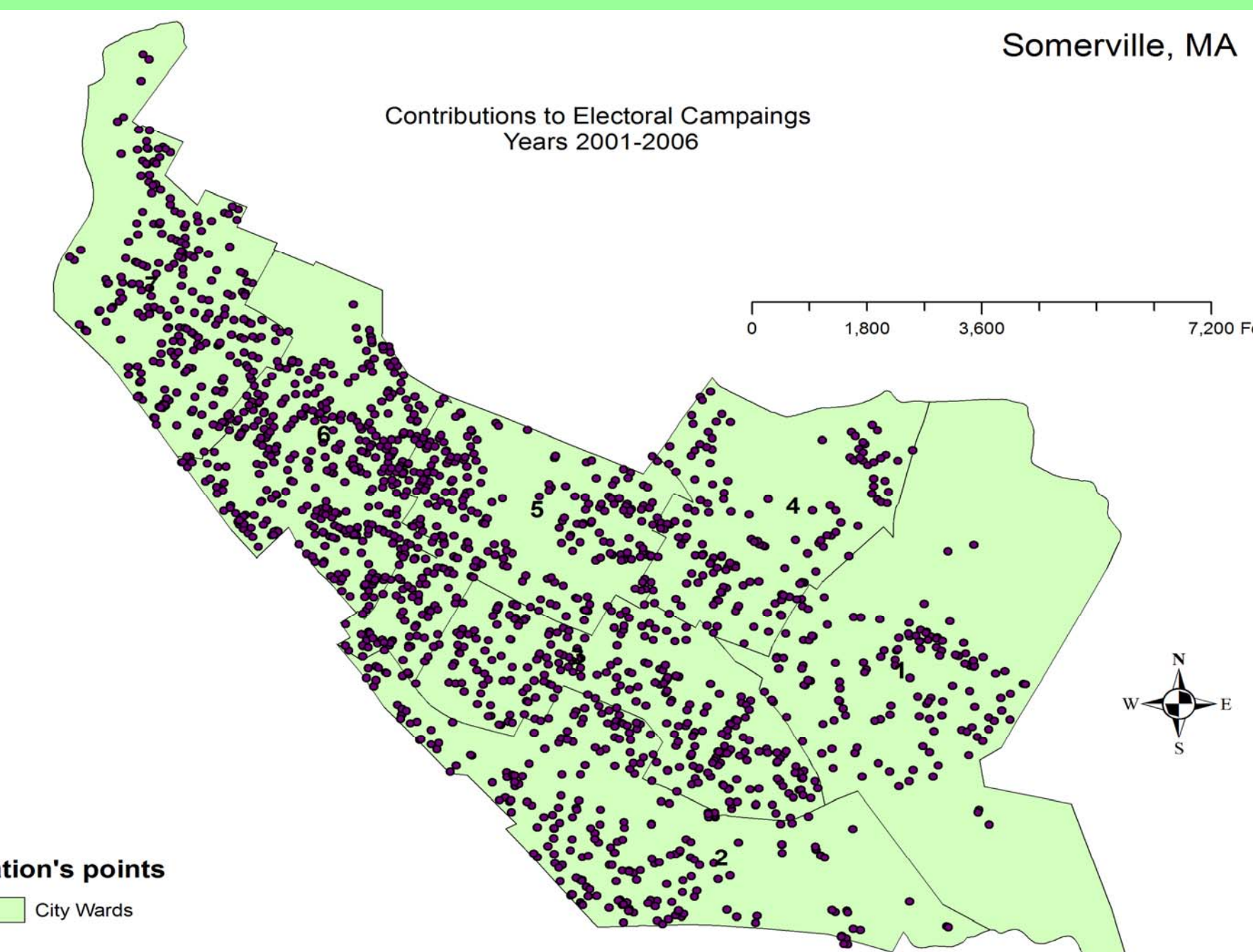
To determine and illustrate civic participation within the city's voting districts and Analyze and present the spatial distribution of contributions to electoral campaigns 2001-2006.

### Methodology

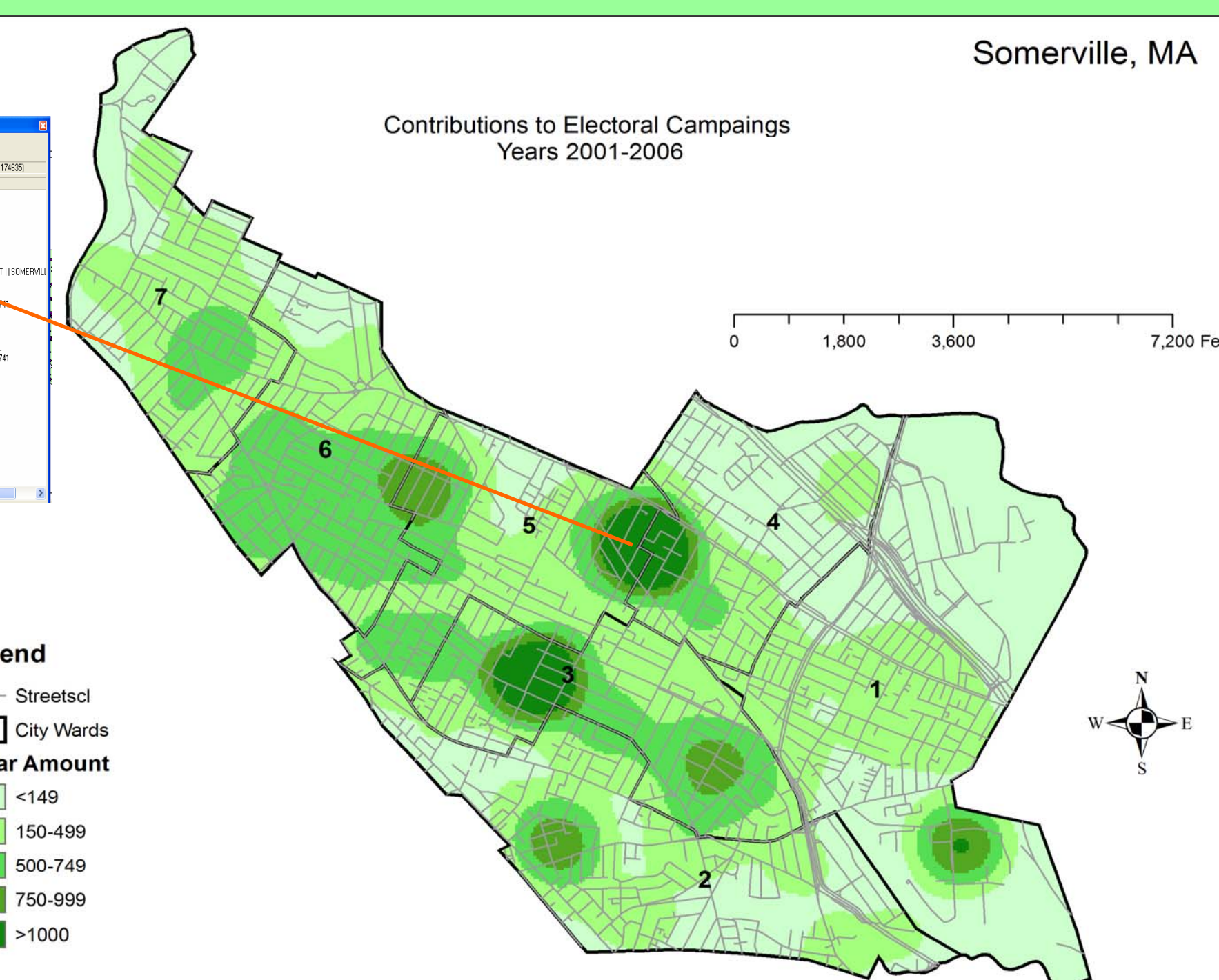
#### Step 1: Collect Data, and Vector Layers

40 Allen, Frank	24 Pleasant Ave	Somerville	MA	02143-02145	75	9/10/2002	publisher	Wisdom Publishing	Reich, Robert
40 Allen, Harvey	20 Third Avenue	Somerville	MA	02143-02145	500	6/25/2002	Letter sent 96/02		Finerman, Thomas M
50 Allen, Harvey	20 Third Avenue	Somerville	MA	02143-02145	500	4/20/2002	Wholesale		Birmingham, Thomas F
50 Allen, Harvey	20 Third Avenue	Somerville	MA	02143-02145	500	3/11/2002	Sales		Joyce, Brian A
50 Allen, Harvey	20 Third Avenue	Somerville	MA	02143-02145	500	3/11/2002	President		M.S. Walker
50 Allen, Harvey	20 Third Avenue	Somerville	MA	02143-02145	500	5/8/2003	Wholesaler/President		M.S. Walker-Ce
50 Allen, Harvey	20 3rd Avenue	Somerville	MA	02143-02145	500	9/24/2003	President		M.S. Walker
50 Allen, Harvey	20 3rd Avenue	Somerville	MA	02143-02145	500	6/9/2003	CEO		Walker MS
50 ALLEN, HARVEY	20 3rd Ave	Somerville	MA	02143-02145	500	10/23/2004	PRESIDENT		M.S. WALKER
50 Allen, Harvey	20 3rd Avenue	Somerville	MA	02143-02145	500	4/16/2004	President		M.S. Walker
50 ALLEN, HARVEY	20 THIRD AVE	Somerville	MA	02143-02145	500	12/23/2005	PRESIDENT		M.S. WALKER FINE WINE AND SP
50 Allen, Harvey	20 Third Ave	Somerville	MA	02143-02145	500	5/8/2005	President		M.S. WALKER
50 Allen, Harvey	20 Third Avenue	Somerville	MA	02143-02145	500	5/9/2005	Owner		Federal Distillery
50 Allen, Harvey	20 3rd Avenue	Somerville	MA	02143-02145	500	5/9/2005	President		M.S. WALKER
50 ALLEN, HARVEY	20 3RD AVE	Somerville	MA	02143-02145	500	8/24/2006	PRESIDENT		M.S. WALKER
50 ALLEN, HARVEY	20 3RD STREET	Somerville	MA	02143-02145	500	11/22/2006	INFO REQUESTED		INFO REQUESTED
50 ALLEN, HARVEY	20 3RD AVE	Somerville	MA	02143-02145	500	5/8/2006	CEO		M.S. WALKER
50 Allen, Harvey	20 3rd Ave	Somerville	MA	02143-02145	500	3/8/2006	President		M.S. Walker
50 Allen, Harvey	20 3rd Ave	Somerville	MA	02143-02145	500	5/11/2006	President		M.S. Walker
50 Allen, Harvey	20 3rd Avenue	Somerville	MA	02143-02145	250	5/13/2006	Owner		Federal Distillery
50 Allen, Harvey	20 3rd Avenue	Somerville	MA	02143-02145	500	2/15/2006	Request Letter 03/07/06		Federal Distillery
50 Allen, Harvey	20 3rd Avenue	Somerville	MA	02143-02145	500	5/15/2006	Pres		M.S. Walker
700 CAPUANO, BARBARA	172 CENTRAL ST	Somerville	MA	02143-02145	500	5/15/2006	ACCOUNTANT		INFO REQUESTED
700 CAPUANO, JOSEPH	172 CENTRAL ST	Somerville	MA	02143-02145	500	5/15/2006	STUDENT		INFO REQUESTED
700 CAPUANO, MICHAEL	172 CENTRAL ST 2741	Somerville	MA	02143-02145	500	5/15/2006	CONGRESSMAN		INFO REQ
700 Cardoso, M Teresa	9 Adian St	Somerville	MA	02143-02145	50	5/13/2005			Mackey, Joseph K
700 CARDOSO, M	9 Adian St	Somerville	MA	02143-02145	75	5/14/2005	OFFICE MANAGER		FINNEGAN & UNDERWOOD
700 Cardoso, Maria	9 Adian St	Somerville	MA	02143-02145	50	3/17/2002			Barros, Janet T
700 Cardoso, Maria	98 POWDER HOUSE BLV	Somerville	MA	02143-02145	50	5/13/2005			Mackey, Joseph K
700 CAREY, ALICE	44 Tenneyson St	Somerville	MA	02143-02145	125	5/17/2006			Patrick, Dew L
700 Carey, Jane	44 Tenneyson St	Somerville	MA	02143-02145	100	12/29/2005	administrator		EWB
700 Carey, Jane	44 Tenneyson St	Somerville	MA	02143-02145	100	11/19/2005	administrator		EWB
700 Carey, Jane	44 Tenneyson St	Somerville	MA	02143-02145	200	7/26/2005	Administrator		Brigham & Women's
700 Carey, Jane	44 Tenneyson St	Somerville	MA	02143-02145	200	5/10/2005	Administrator		Brigham & Women's
700 Carey, Kathleen	19 Dane St	Somerville	MA	02143-02145	25	2/1/2004			Shannon Jr, Charles E
700 Carey, Kathleen	19 Dane St	Somerville	MA	02143-02145	50	5/13/2004			Shannon Jr, Charles E
700 Carey, Kathleen	19 Dane St #1	Somerville	MA	02143-02145	25	7/15/2005			Mackey, Joseph K
700 CARITO, WILLIAM	64 LEDGISTON AVENUE	Somerville	MA	02143-02145	200	3/21/2004	CONSULTANT		PUBLIC POLICY SYSTEMS INC
700 CARITO, WILLIAM	411A HIGHLAND AVE	41 Somerville	MA	02143-02145	100	5/22/2006			Murray, Theresa
700 CARITO, WILLIAM	411A HIGHLAND AVE 413	Somerville	MA	02143-02145	500	5/18/2006	PRINCIPAL		Democratic State Committee,
700 Carv, William A	411 A Highland Ave, #413	Somerville	MA	02143-02145	500	3/30/2004	Public Relations		Flaherty Jr, Michael F
									The Bacon Group

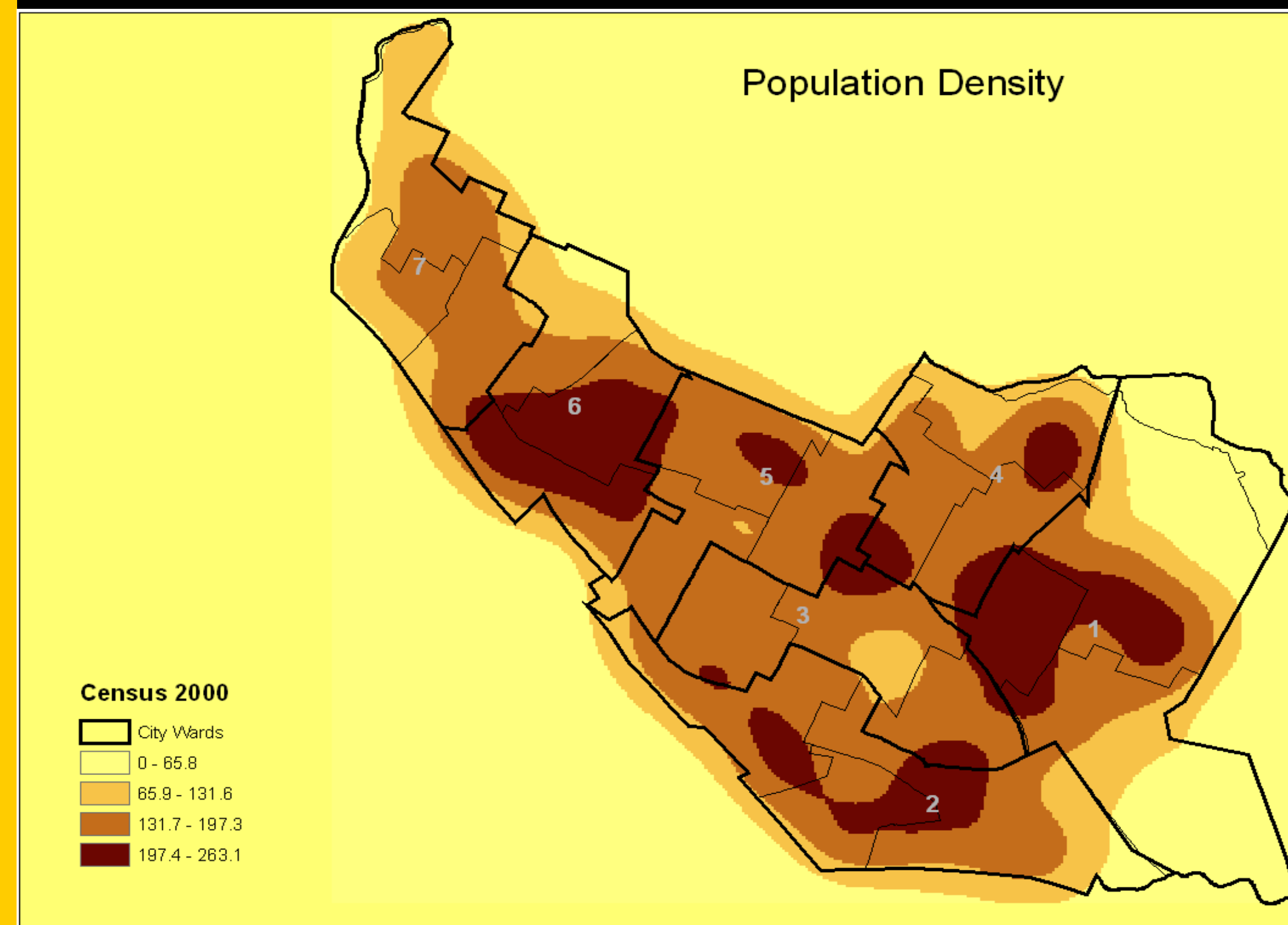
#### Step 2: Geo-code addresses using USA Street Map



#### Step 3: Using ArcMap's Spatial Tools → Density → Feature Input Data: Donors and Feature Population Field: Amount



**Sources:**  
 City of Somerville:  
 Somerville's Election Department:  
 Census2000:  
 Office of Campaign and Political Finance ([www.eis2.cpf.state.ma.us](http://www.eis2.cpf.state.ma.us)):  
 Webpage—Massvote.org  
 Photo:  
 Vector Layers - Shape Files  
 Data (Election Results)  
 Census Tables  
 Donors Info  
 Data  
 Bianca Salazar.



	All Ages		18 years and over	
		%		%
<b>Total Population</b>	<b>77,478</b>	<b>100.0</b>	<b>65,983</b>	<b>100.0</b>
White	56,320	72.7	49,807	75.5
Black or African American	4,868	6.3	3,486	5.3
Asian	4,972	6.4	4,195	6.4
Natives Peoples*	161	0.2	128	0.2
Latino**	6,786	8.8	5,033	7.6
Other***	4,371	5.6	3,334	5.1

\*Native Peoples includes those identified as American Indian, Alaska Native, Native Hawaiian or Other Pacific Islander  
 \*\*Latino includes those identified as Latino regardless of race  
 \*\*\*Other includes those identified as some other race or two or more races

