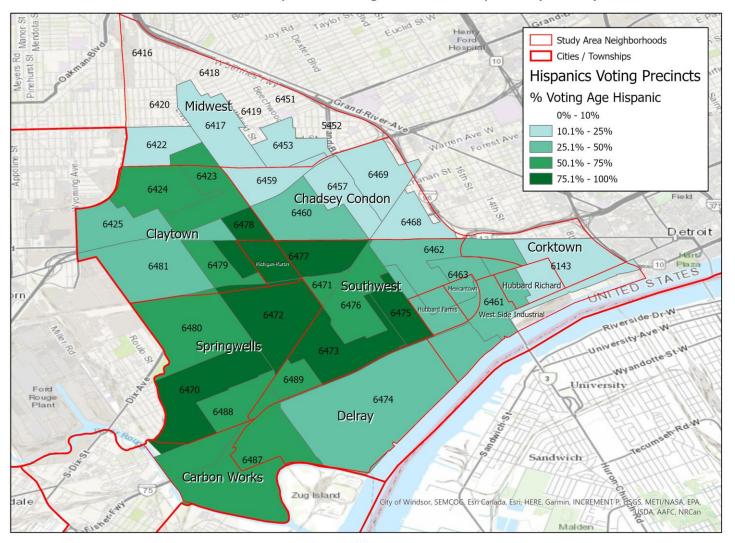
### Voting Patterns of Select Minority Groups in Michigan

#### Hispanic voting patterns: Detroit area

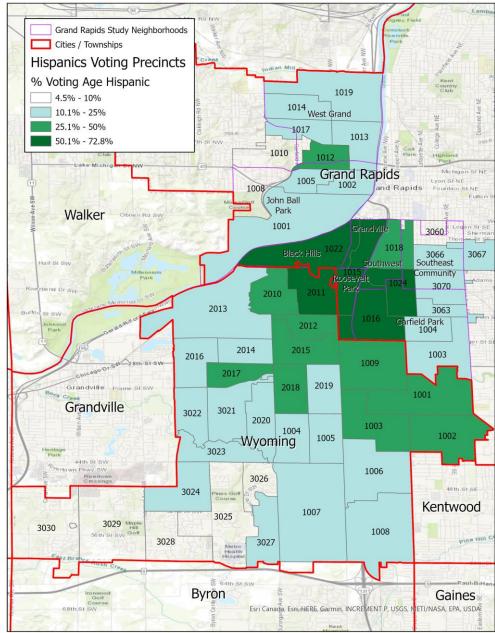
Areas included in Analysis of Voting Patterns - Hispanics (Detroit)



Detroit area			Estimates for Hispanics		
	Party	Race	ER	El 2x2	
2020 General					
U.S. President					
Joseph Biden	D	W	75.4	76.0	
Donald Trump	R	W	24.3	23.9	
others			0.3	0.2	
votes for office			13.9	14.8	
U.S. Senate					
Gary Peters	D	W	73.6	74.8	
John James	R	W	22.6	21.9	
others			3.8	3.2	
votes for office			13.5	14.6	
2018 General					
Governor					
Gretchen Whitmer	D	W	83.1	80.0	
Bill Schuette	R	W	15.3	14.8	
others			1.5	1.8	
votes for office			3.5	5.1	
, ,,					
Secretary of State					
Jocelyn Benson	D	W	84.0	82.6	
Mary Treder Lang	R	W	14.4	13.5	
others			1.7	14.0	
votes for office			3.3	4.4	
, ,,					
Attorney General					
Dana Nessel	D	W	80.1	78.9	
Tom Leonard	R	W	16.4	15.2	
others			3.4	3.7	
votes for office			3.4	4.8	
, ,,					
U.S. Senate					
Debbie Stabenow	D	W	82.5	82.2	
John James	R	W	16.4	17.1	
others			1.3	0.0	
votes for office			3.3	4.5	
, ,,					
2018 Democratic Primary					
Governor					
Abdul El-Sayed	D	ME	55.5	58.5	
Shri Thanedar	D	A	13.6	12.7	
Gretchen Whitmer	D	W	30.8	28.7	
votes for office			-2.0	1.0	
			2.0	2.0	

# Hispanic voting patterns: Grand Rapids area



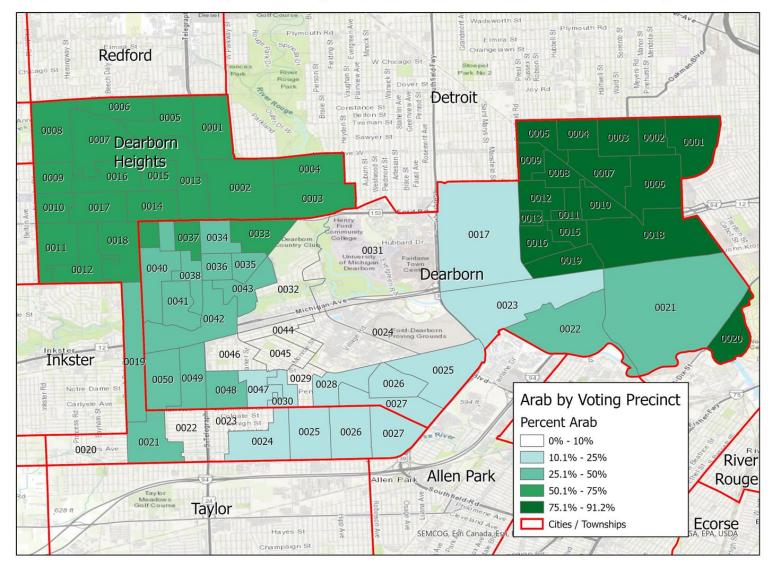


Grand Rapids area			Estimates for Hispanics		
	Party	Race	ER	El 2x2	
2020 General					
U.S. President					
Joseph Biden	D	W	98.6	94.8	
Donald Trump	R	W	0.5	0.1	
others			1.0	1.3	
votes for office			0.0	8.6	
U.S. Senate					
Gary Peters	D	W	96.1	93.3	
John James	R	W	-1.6	3.2	
others			5.3	9.2	
votes for office			0.0	7.3	
2018 General					
Governor					
Gretchen Whitmer	D	W	99.5	95.0	
Bill Schuette	R	W	-4.5	1.6	
others			5.6	6.1	
votes for office			-9.0	1.1	
Secretary of State					
Jocelyn Benson	D	W	102.1	97.0	
Mary Treder Lang	R	W	-5.3	1.1	
others			3.3	6.9	
votes for office			-9.0	0.3	
Attorney General					
Dana Nessel	D	W	97.2	93.1	
Tom Leonard	R	W	-6.4	1.2	
others			9.3	9.8	
votes for office			-9.0	0.8	
U.S. Senate					
Debbie Stabenow	D	W	97.2	93.2	
John James	R	W	-3.4	2.0	
others			6.2	10.4	
votes for office			-9.0	1.1	
2018 Democratic Primary					
Governor	_				
Abdul El-Sayed	D	ME	51.1	51.3	
Shri Thanedar	D	A	39.8	42.4	
Gretchen Whitmer	D	W	8.9	11.9	
votes for office			-2.3	0.1	

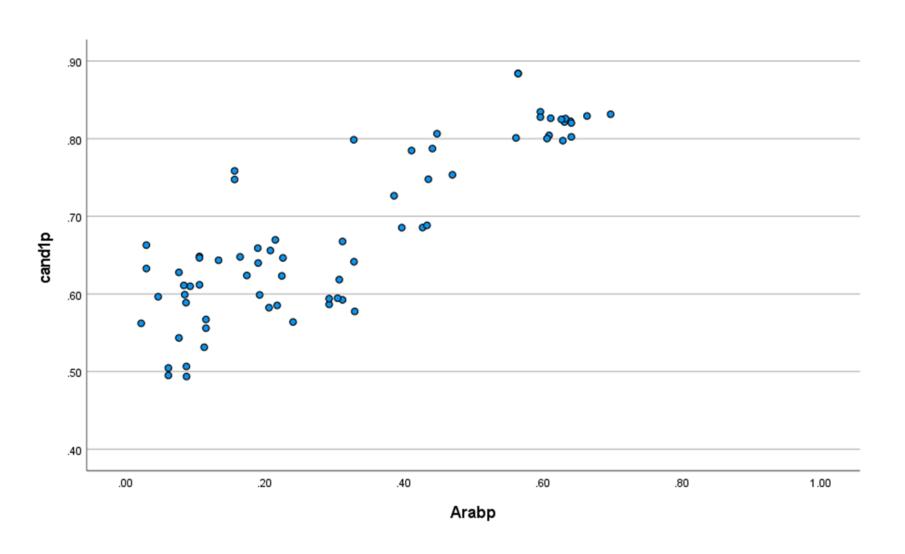
			<b>Estimates for Arab Americans</b>		
	Party	Race	ER	El 2x2	
2020 General					
U.S. President					
Joseph Biden	D	W	98.3	98.9	
Donald Trump	R	W	1.3	0.8	
others			0.6	1.0	
votes for office			24.1	26.7	
U.S. Senate					
Gary Peters	D	W	100.7	99.0	
John James	R	W	-2.9	0.8	
others			2.1	2.1	
votes for office			22.2	24.9	
2018 General					
Governor					
Gretchen Whitmer	D	W	103.9	99.3	
Bill Schuette	R	W	-6.2	1.1	
others			2.5	2.1	
votes for office			8.6	10.3	
Secretary of State					
Jocelyn Benson	D	W	104.7	99.3	
Mary Treder Lang	R	W	-6.3	0.9	
others			1.7	1.7	
votes for office			8.5	9.8	
Attorney General					
Dana Nessel	D	W	106.8	99.5	
Tom Leonard	R	W	-8.0	0.6	
others			1.3	1.3	
votes for office			8.6	10.1	
U.S. Senate					
Debbie Stabenow	D	W	107.2	99.1	
John James	R	W	-9.0	1.1	
others			1.9	1.9	
votes for office			8.4	10.0	
2018 Democratic Primary			_		
Governor					
Abdul El-Sayed	D	ME	116.4	92.8	
Shri Thanedar	D	Α	-0.3	0.2	
Gretchen Whitmer	D	W	-16.0	0.6	
votes for office			15.0	15.1	

#### Arab American voting patterns

Areas included in Analysis of Voting Patterns - Arabs in Dearborn/Dearborn Heights

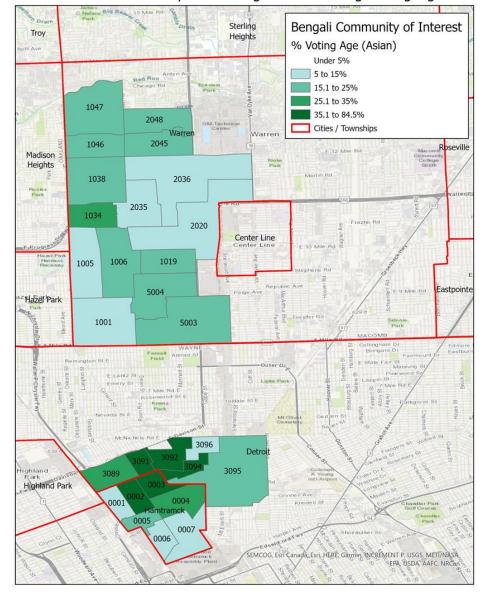


## Scatterplot of proportion Arab American and proportion of votes for Biden in 2020



### Bengali American voting patterns

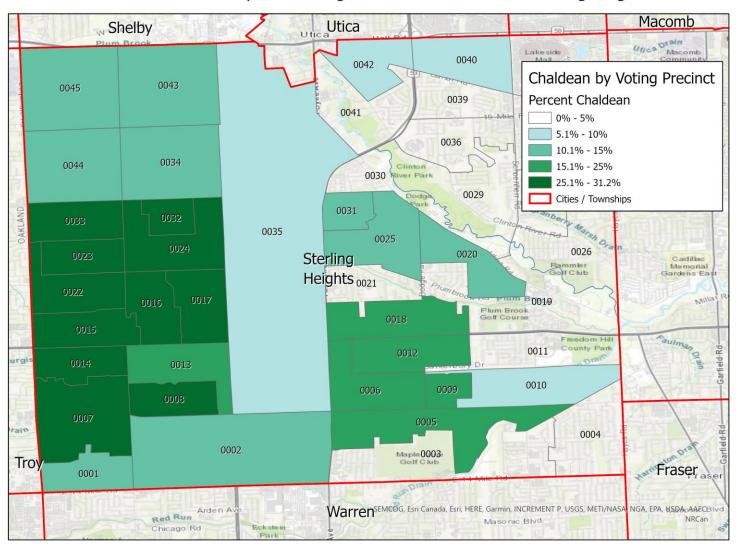
Areas included in Analysis of Voting Patterns - Bengali Language



	Estimates for Bangladeshi Americans					
	Party	Race	ER	El 2x2		
2020 General						
U.S. President						
Joseph Biden	D	W	104.7	96.1		
Donald Trump	R	W	-4.4	3.2		
others			0.1	0.1		
votes for office			31.6	25.2		
U.S. Senate	_					
Gary Peters	D	W	104.4	96.2		
John James	R	W	-5.2	3.3		
others			0.9	1.1		
votes for office	-		31.6	24.6		
2018 General						
Governor						
Gretchen Whitmer	D	W	105.7	99.1		
Bill Schuette	R	w	-7.4	1.1		
others	1		1.1	1.1		
votes for office			13.7	18.7		
votes for office			15.7	10.7		
Secretary of State						
Jocelyn Benson	D	W	105.7	98.9		
Mary Treder Lang	R	W	-7.1	1.3		
others			2.5	2.4		
votes for office			13.9	19.3		
Attorney General						
Dana Nessel	D	w	107.5	98.2		
Tom Leonard	R	w	-8.0	0.7		
others	1.		2.3	2.3		
votes for office			13.8	19.2		
U.S. Senate						
Debbie Stabenow	D	W	107.1	99.1		
John James	R	W	-7.7	0.9		
others			1.7	0.7		
votes for office			13.9	18.4		
2018 Democratic Primary	,					
Governor						
Abdul El-Sayed	D	ME	98.8	97.3		
Shri Thanedar	D	A	6.5	5.1		
Gretchen Whitmer	D	W	-5.2	4.5		
votes for office		**	16.4	14.7		

### Chaldean voting patterns

Areas included in Analysis of Voting Patterns - Chaldeans in Sterling Heights



			Estimates for Chaldeans		
	Party	Race	ER	El 2x2	
2020 General					
U.S. President					
loseph Biden	D	W	19.5	20.5	
Donald Trump	R	W	81.9	80.3	
others			-0.8	2.0	
votes for office			31.2	29.6	
U.S. Senate					
Gary Peters	D	W	26.3	26.2	
John James	R	W	74.0	72.8	
others			-0.6	0.2	
votes for office			27.9	27.2	
2018 General					
Governor					
Gretchen Whitmer	D	W	52.9	48.9	
Bill Schuette	R	W	47.9	47.4	
others			0.2	8.0	
votes for office			-12.2	0.0	
Secretary of State					
locelyn Benson	D	W	55.3	53.7	
Mary Treder Lang	R	W	44.7	42.0	
others			0.4	7.9	
votes for office			-10.8	0.3	
Attorney General					
Dana Nessel	D	W	52.5	48.0	
Tom Leonard	R	W	47.4	47.4	
others			0.4	0.1	
votes for office			-10.3	2.5	
U.S. Senate					
Debbie Stabenow	D	W	55.2	55.6	
John James	R	W	43.2	44.0	
others			0.7	0.9	
votes for office			-11.4	0.4	
, ,,					
2018 Democratic Primary					
Governor					
Abdul El-Sayed	D	ME	50.1	na	
Shri Thanedar	D	Α	11.2	na	
Gretchen Whitmer	D	W	38.7	na	
votes for office			-1.1	0.1	
,, ,	1	1			

## Scatterplot of proportion Chadlean and proportion of votes for Biden in 2020

