

# **Children's Health Equity Report**

## **Northeast Ohio**

By Race, Hispanic Ethnicity, and Language  
2019



Released July 2020

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# 2019 Children's Health Equity Report

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## Northeast Ohio

Using data collected from Better Health Partnership's participating pediatric primary care providers, we document wide variation in health care outcomes across and within certain communities for children with conditions of overweight/obesity and asthma.

These conditions are targeted areas for our collective improvement work across Northeast Ohio - in alignment with Ohio's State Health Improvement Plan, value-based care initiatives, and local community health needs assessments.

This report summarizes these variations among children and identifies targeted opportunities for improvement across race, Hispanic ethnicity, and preferred language. This report covers the data period January 1, 2019—December 31, 2019 submitted by participating systems through the Better Health Partnership.

We thank the following healthcare organizations who contributed data for this performance period and who dedicate their collective effort to improve health and reduce disparities with the children they serve.

- **Akron Children's Hospital**
- **Care Alliance Health Center**
- **Circle Health Services**
- **The MetroHealth System**
- **Neighborhood Family Practice**
- **Senders Pediatrics**
- **UH Rainbow Babies & Children's Hospital**

### **Direct Questions or Comments to:**

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# 2019 Children's Health Equity Report

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## Northeast Ohio

### KEY FINDINGS & NOTES

- **Race/Ethnicity**

- Black/African American children were **2.5x more likely** to be either on Medicaid or Uninsured than White children in Northeast Ohio, while they were **8.7x more likely** to live in a community with a median neighborhood income <\$33,000 when compared with White children
- Disparities within these groups still were large across racial/ethnic groups. Black/African American children on Medicaid & Uninsured had an asthma rate **23% higher** than White children (24.23% vs. 19.63%), yet **63% higher** among children on Commercial insurance (24.09% vs. 14.75%).
- Latinx children had the highest levels of BMI, as Latinx elementary school-aged children (6-10) had overweight rates **35% higher** than that of white children

- **Preferred Language**

- Non-English-speaking children were **2.2x more likely** to live in a community with a median neighborhood income <\$33,000 when compared with English-speaking children. They were also **88% more likely** to be either on Medicaid or uninsured, when compared with English-speaking children.
- Asthma rates differed across language groups depending on the neighborhood. In neighborhoods with a median income above \$55,000, asthma rates for English-speaking children were **63% higher** than for non-English-speaking children.

- **Preferred Language—Latinx**

- Non-English-speaking Latinx children were **40% more likely** to live in a community with a median neighborhood income <\$33,000 when compared with English-speaking Latinx children, and they were **36% more likely** to be either on Medicaid or uninsured.

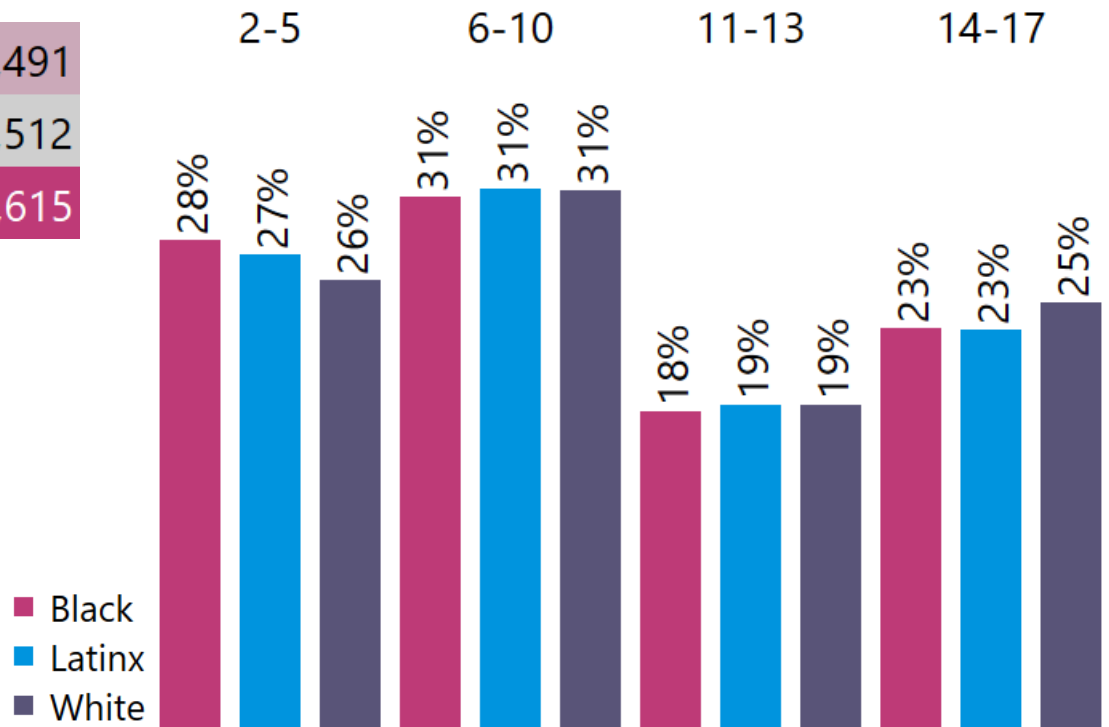
# DEMOGRAPHICS

## Race Ethnicity

Number of Children  
Race/Ethnicity

Black	53,491
Latinx	13,512
White	177,615

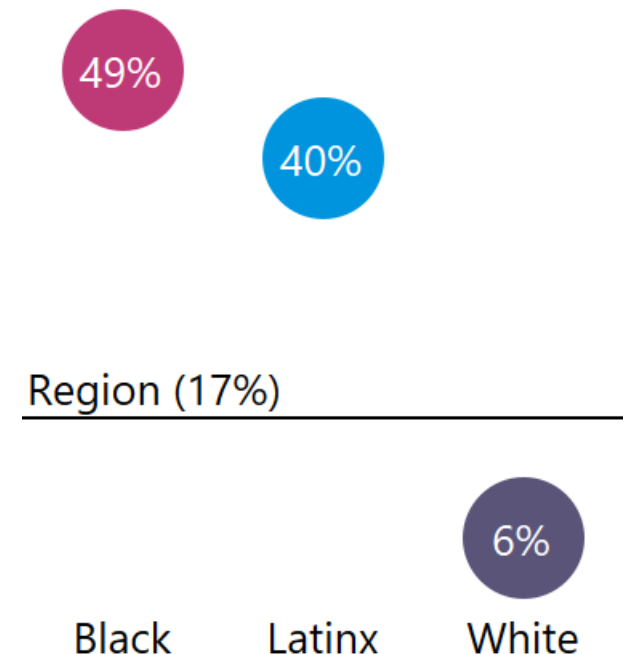
Age Distribution, Race/Ethnicity



Insurance Distribution,  
Race/Ethnicity

	Black	Latinx	White
Commercial	21%	23%	68%
Medicaid	76%	70%	29%
Uninsured	3%	7%	3%

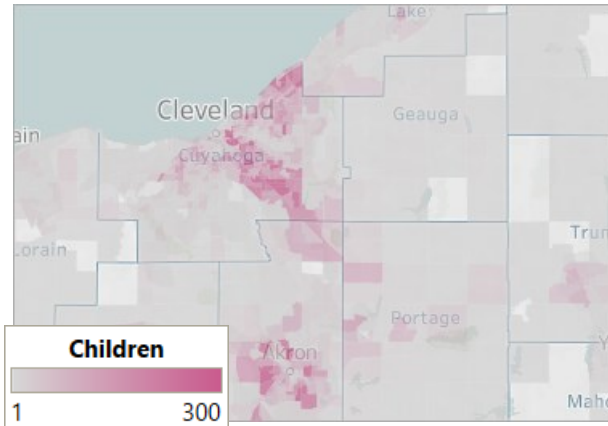
% Residing in Low Income  
Neighborhood, Race/Ethnicity



# DEMOGRAPHICS

## Race Ethnicity

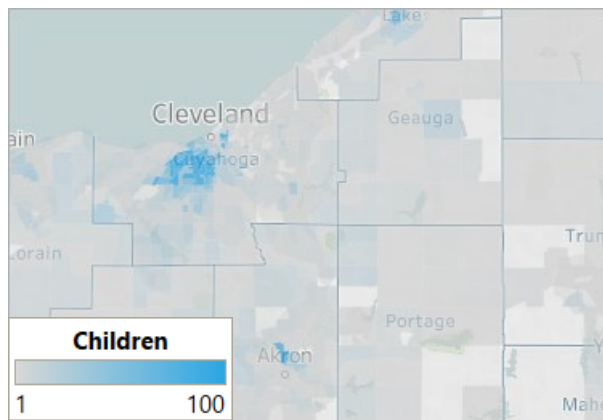
Residence of Children by Census Tract,  
Black



Ten most populated neighborhoods,  
Black

East	Euclid	2,714
Cleveland	Maple Heights	1,850
Suburb	Garfield Heights	1,838
	Cleveland Heights	1,557
	Bedford - Bedford Heights	1,388
East Side	Union-Miles Park	1,720
Cleveland	Glenville	1,673
	Collinwood	1,544
	Broadway - Slavic Village	1,436
	Central	1,346

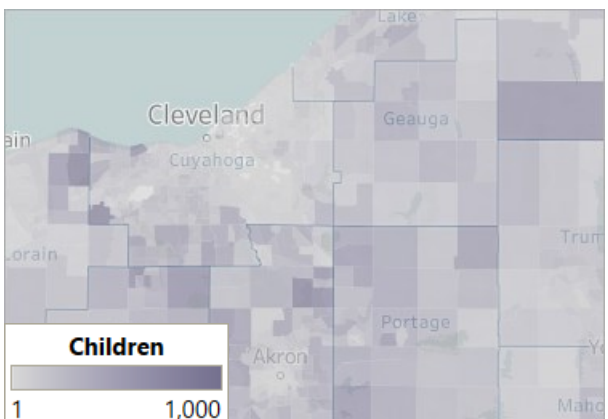
Residence of Children by Census Tract,  
Latinx



Ten most populated neighborhoods, Latinx

Cuyahoga	West Park	1,139
County	Old Brooklyn	1,047
	Westtown	851
	Clark-Fulton	809
	Parma - Parma Heights	662
	Brooklyn Centre	505
	Stockyards	473
	Detroit-Shoreway	373
	Cudell	354
Lake County	Greater Painesville	289

Residence of Children by Census Tract,  
White



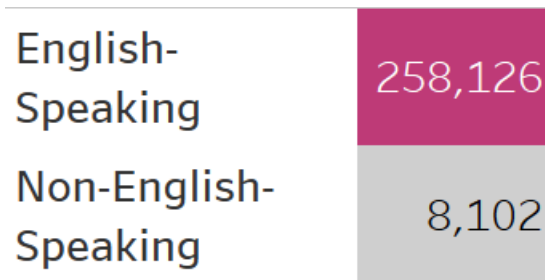
Ten most populated neighborhoods, White

Cuyahoga County	Parma - Parma Heights	6,040
	Strongsville	3,236
	North Royalton - Broadview Hts.	3,032
	Bay Village - Westlake	2,952
Medina County	Brunswick	4,005
Summit County	Bath - Copley	3,072
	Barberton - Norton	3,036
	Hudson	2,793
	Stow - Munroe Falls	2,754
Trumbull County	Southeast Trumbull County	2,827

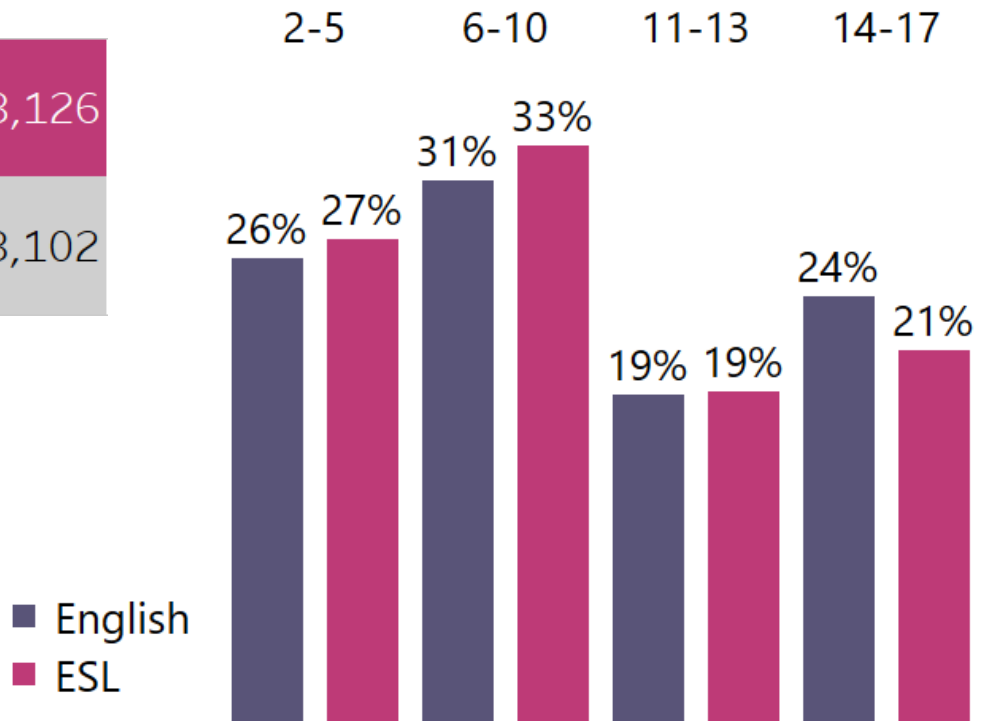
# DEMOGRAPHICS

## Preferred Language

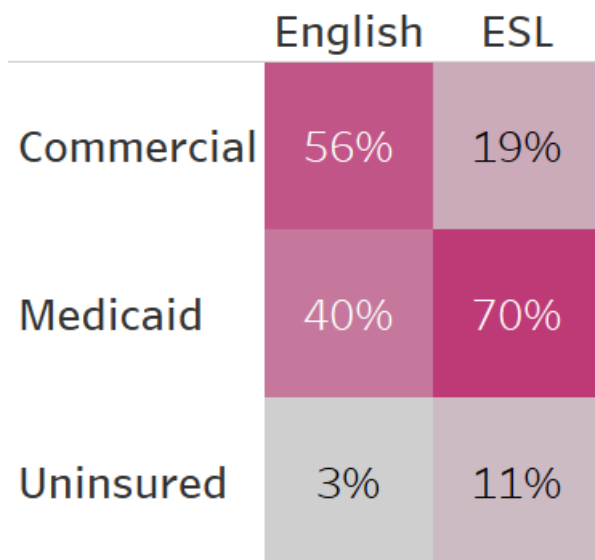
Number of Children by Preferred Language



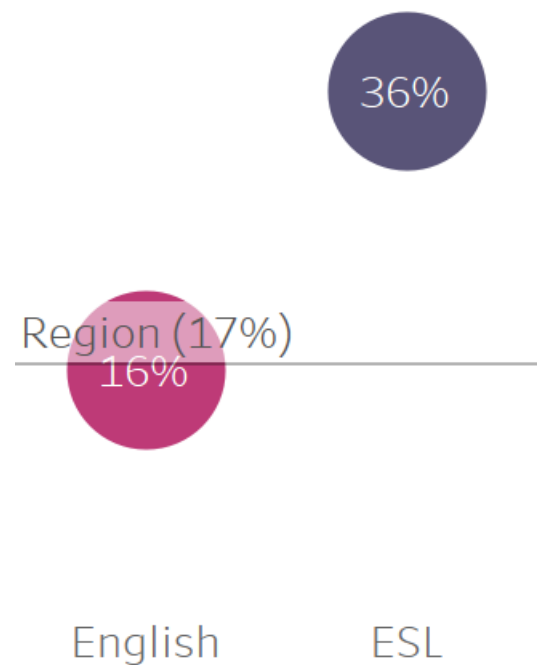
Age Distribution by Preferred Language



Insurance Distribution by Preferred Language



% Residing in Low Income Neighborhood, Language



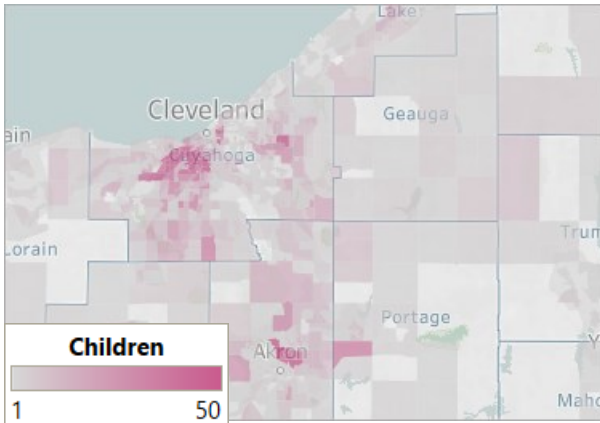


# DEMOGRAPHICS

## Preferred Language

Residence of Children by Census Tract,  
Non-English-Speaking

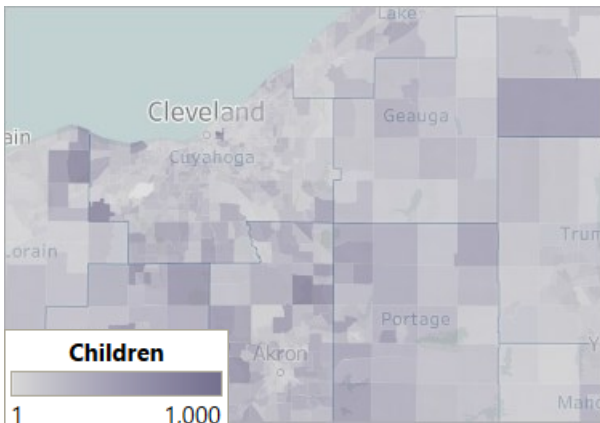
Ten most populated neighborhoods,  
Non-English-Speaking



Cuyahoga County	West Park	702
	Westtown	516
	Clark-Fulton	390
	Parma - Parma Heights	386
	Old Brooklyn	377
	Stockyards	249
	Detroit-Shoreway	218
	Brooklyn Centre	213
	Cudell	196
Summit County	North Hill	248

Residence of Children by Census Tract,  
English-Speaking

Ten most populated neighborhoods,  
English-Speaking



Cuyahoga County	Parma - Parma Heights	7,684
	Strongsville	3,961
	Bay Village - Westlake	3,458
	West Park	3,458
	North Royalton - Broadview Hts.	3,447
Medina County	Brunswick	4,482
Summit County	Bath - Copley	3,992
	Barberton - Norton	3,629
	Hudson	3,195
Trumbull County	Southeast Trumbull County	3,413



# DEMOGRAPHICS

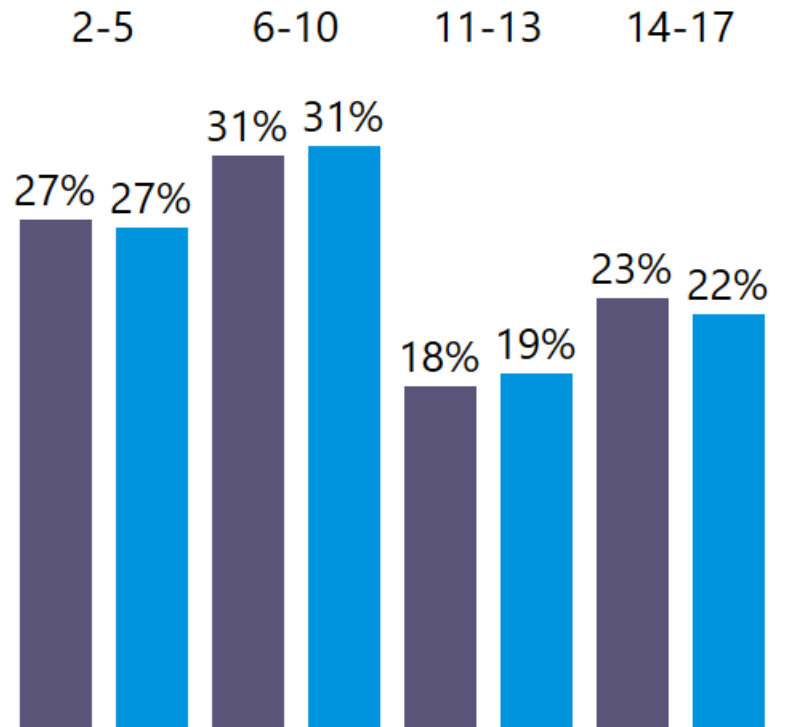
## Preferred Language—Latinx

Number of Children by Race/  
Ethnicity/Language

	English	ESL
Black	53,066	425
Latinx	9,349	4,163
White	176,401	1,214

■ Latinx, English-Speaking  
■ Latinx, ESL

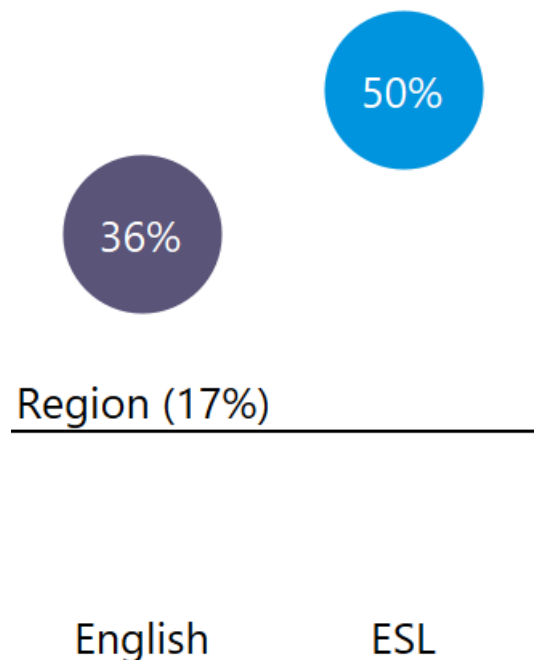
Age Distribution, Latinx Preferred Language



Insurance Distribution,  
Latinx Preferred Language

	English	ESL
Commercial	31%	6%
Medicaid	64%	83%
Uninsured	5%	11%

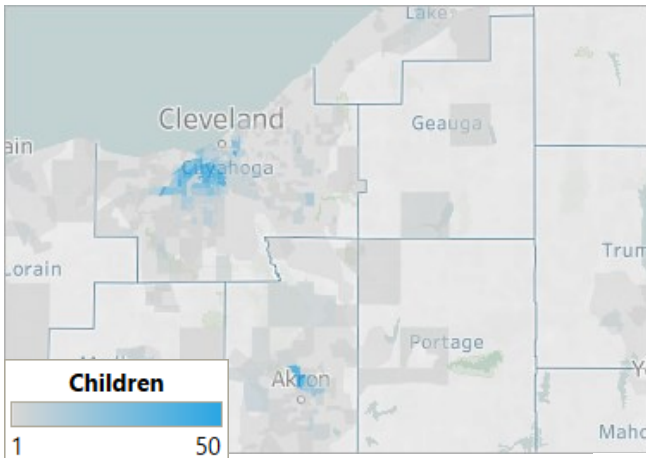
% Residing in Low Income  
Neighborhood, Latinx -Language



# DEMOGRAPHICS

## Preferred Language—Latinx

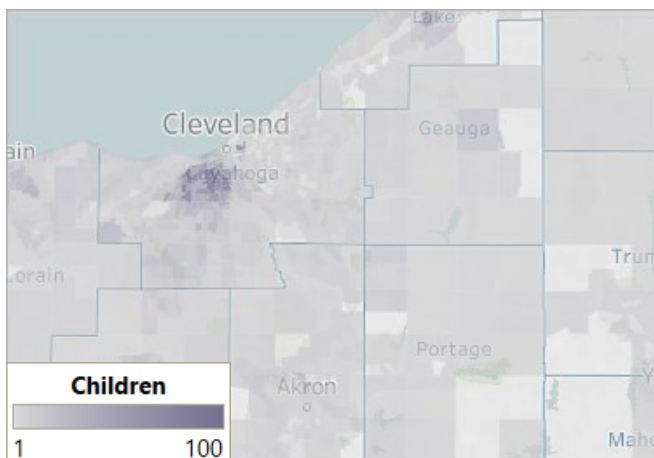
### Residence of Children by Census Tract, Latinx, Non-English-Speaking



### Most populated neighborhoods, Latinx by Preferred Language

		English	ESL
Cuyahoga County	West Park	732	407
	Old Brooklyn	718	329
	Westown	451	400
	Clark-Fulton	470	339
	Parma - Parma Heights	524	138
	Brooklyn Centre	318	187
	Stockyards	260	213
	Detroit-Shoreway	244	129
	Cudell	211	143
Lake County	Greater Painesville	235	54
Lorain County	Eastern Lorain City	225	18
Summit County	North Hill	46	137

### Residence of Children by Census Tract, Latinx, English-Speaking



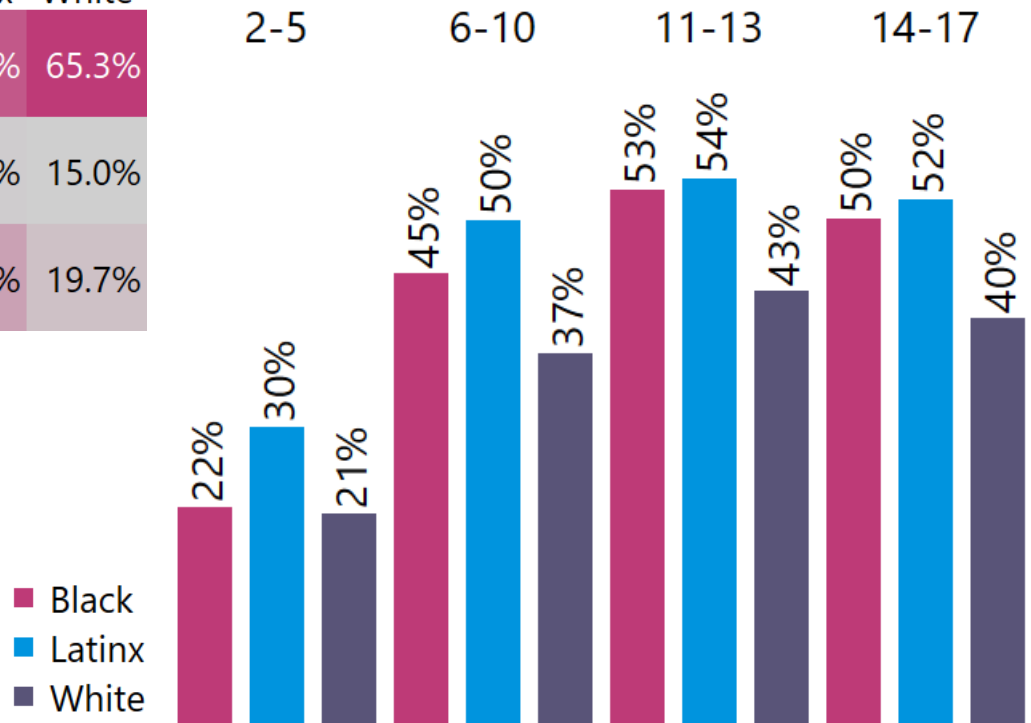
# UNHEALTHY WEIGHT

Race/Ethnicity (% with BMI percentile  $\geq 85$ th)

BMI Category, Race/Ethnicity

	Black	Latinx	White
Normal (< 85)	58.9%	54.2%	65.3%
Overweight (85-94)	15.7%	16.0%	15.0%
Obese (95+)	25.4%	29.7%	19.7%

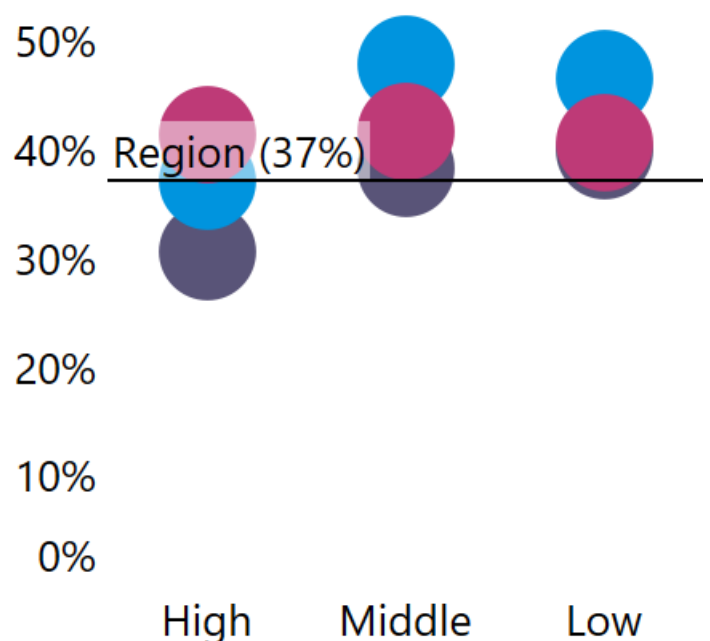
% Unhealthy Weight, Age & Race/Eth.



% Unhealthy Weight, Insurance & Race/Eth.

	Black	Latinx	White
Commercial	44%	42%	32%
Medicaid	40%	47%	41%
Uninsured	39%	49%	35%

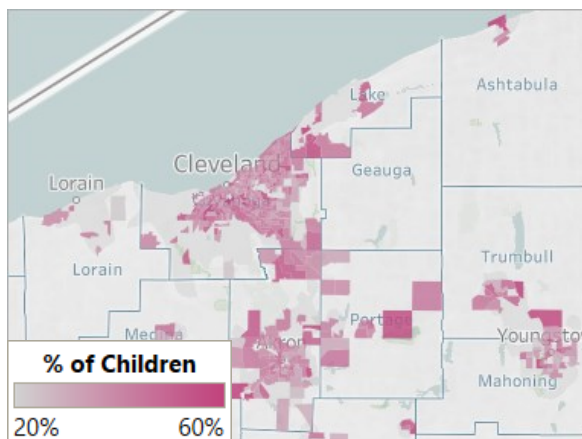
% Unhealthy Weight, Income & Race/Eth.



# UNHEALTHY WEIGHT

Race/Ethnicity (% with BMI percentile  $\geq 85$ th)

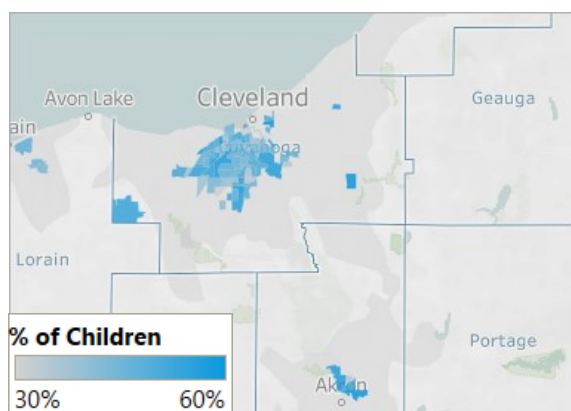
% Unhealthy Weight by  
Census Tract, Black



% Unhealthy Weight by Neighborhood, Black

Ashland County	Ashland City	62%
Ashtabula County	Ashtabula City	49%
Cuyahoga County	Newburg Heights - Cuyahoga Heights	51%
Lake County	Wickliffe - Willowick	52%
Portage County	Northeast Portage County	55%
Stark County	Alliance	53%
Summit County	Ellet	50%
Tuscarawas County	New Philadelphia	53%
	Dover	48%
Wayne County	Wooster	50%

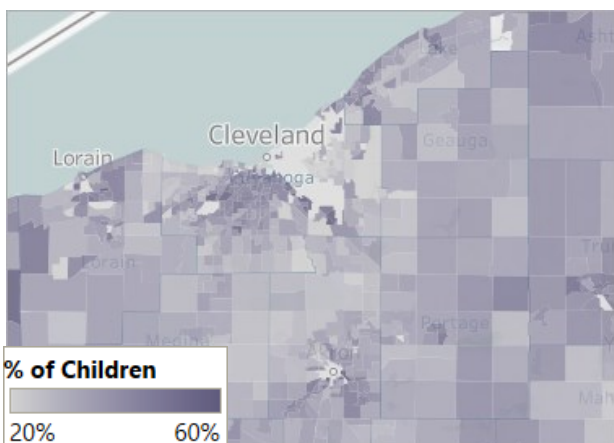
% Unhealthy Weight by  
Census Tract, Latinx



% Unhealthy Weight by Neighborhood, Latinx

Cuyahoga County	Bedford - Bedford Heights	68%
	Fairfax	63%
	Newburg Heights - Cuyahoga Heights	57%
Lorain County	Avon	65%
Stark County	Alliance	55%
Summit County	East Akron	76%
	Stow - Munroe Falls	57%
	North Hill	55%
Tuscarawas County	New Philadelphia	57%
	Southern Tuscarawas County	54%

% Unhealthy Weight by  
Census Tract, White

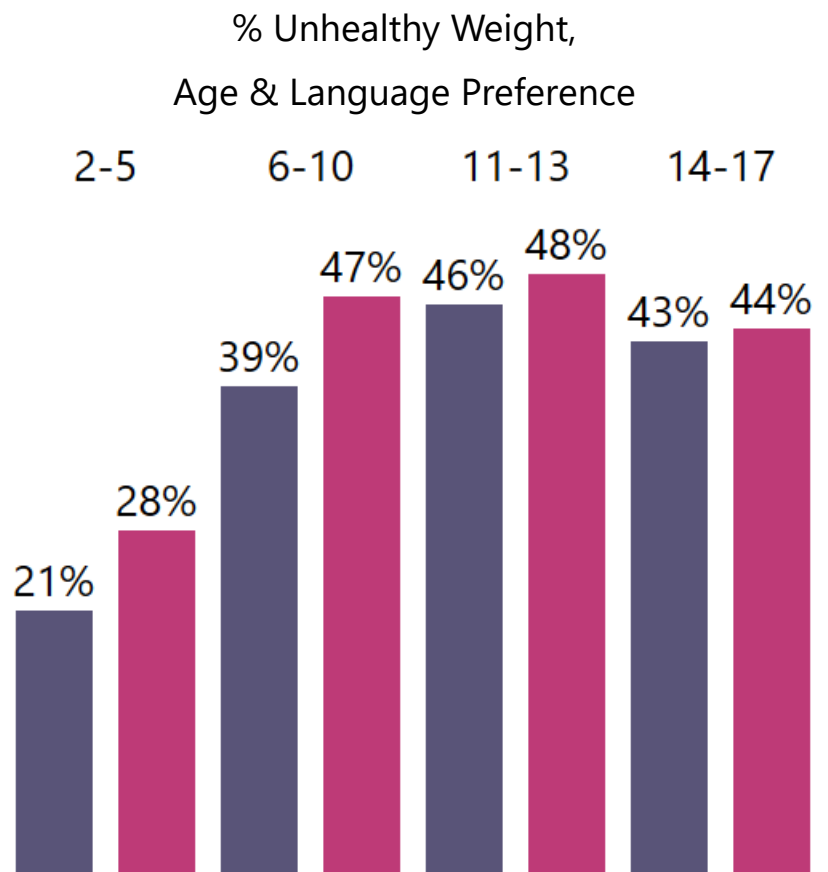
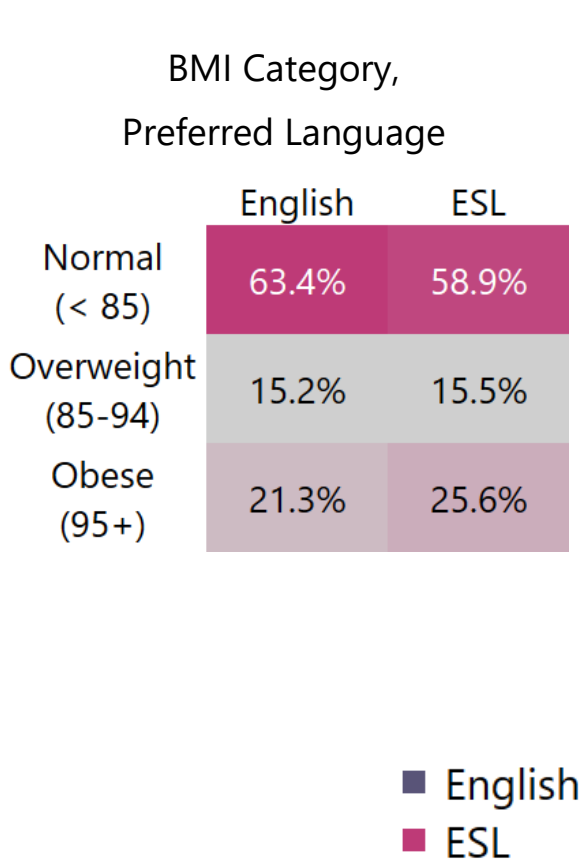


% Unhealthy Weight by Neighborhood, White

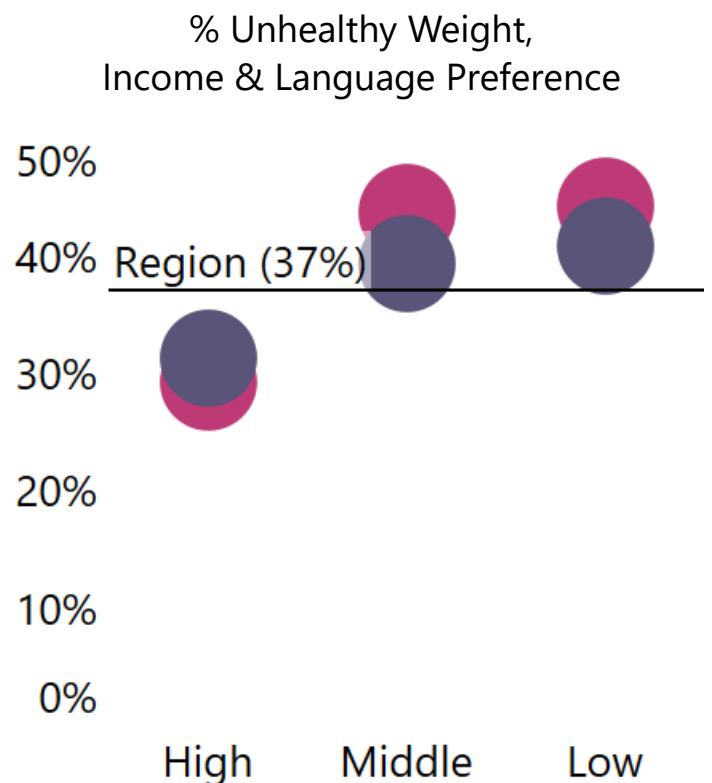
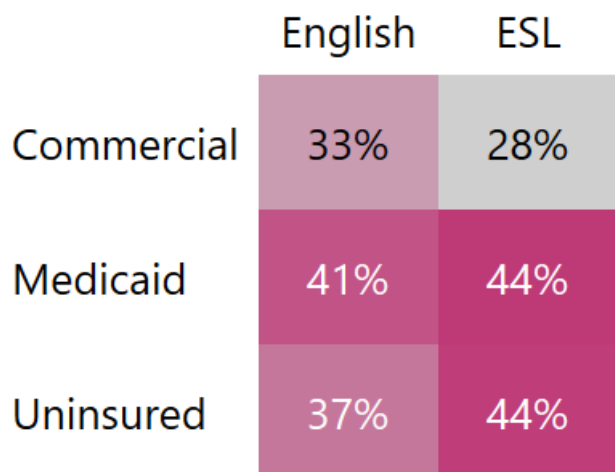
Ashtabula County	Geneva City	49%
	Ashtabula City	49%
Cuyahoga County	Garfield Heights	49%
	Maple Heights	48%
	Bedford - Bedford Heights	48%
	Broadway - Slavic Village	48%
Summit County	Middlebury	56%
	Sherbondy Hill	49%
	Summit Lake	48%
	Canton-Akron Airport	47%

# UNHEALTHY WEIGHT

Preferred Language (% with BMI percentile  $\geq 85$ th)



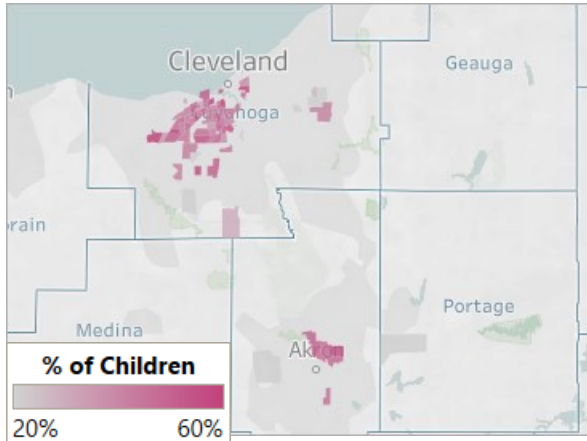
% Unhealthy Weight, Insurance & Language Preference



# UNHEALTHY WEIGHT

Preferred Language (% with BMI percentile  $\geq 85$ th)

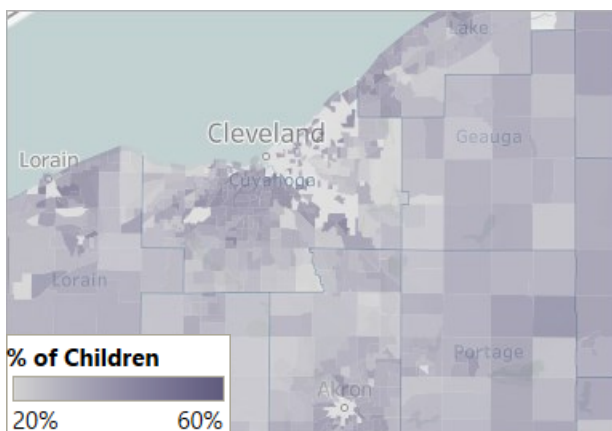
% Unhealthy Weight by  
Census Tract, ESL



% Unhealthy Weight by Neighborhood, ESL

Cuyahoga County	Bedford - Bedford Heights	64%
	Central	53%
Lorain County	Eastern Lorain City	59%
Mahoning County	South Youngstown	50%
Medina County	Brunswick	56%
Summit County	East Akron	56%
	North Hill	49%
Tuscarawas County	New Philadelphia	58%
	Northern Tuscarawas County	50%
	Dover	49%

% Unhealthy Weight by  
Census Tract, English-Speaking



% Unhealthy Weight by Neighborhood,  
English-Speaking

Ashtabula County	Ashtabula City	49%
	Geneva City	49%
Cuyahoga County	Newburg Heights - Cuyahoga Heights	48%
	Brooklyn	46%
	Detroit-Shoreway	46%
	Tremont	46%
	Broadway - Slavic Village	45%
	Brooklyn Centre	45%
Stark County	Alliance	46%
Trumbull County	West Warren	46%

# UNHEALTHY WEIGHT

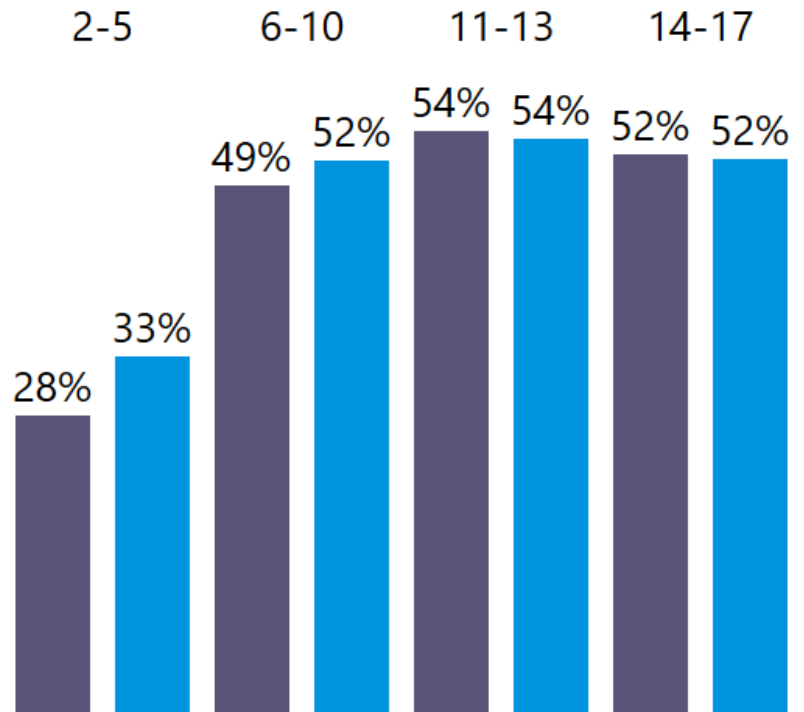
Preferred Language, Latinx (% with BMI percentile  $\geq 85$ th)

% Unhealthy Weight  
by Race/Ethnicity/Language

	English	ESL
Black	41%	43%
Latinx	45%	47%
White	35%	38%

■ Latinx, English-Speaking  
■ Latinx, ESL

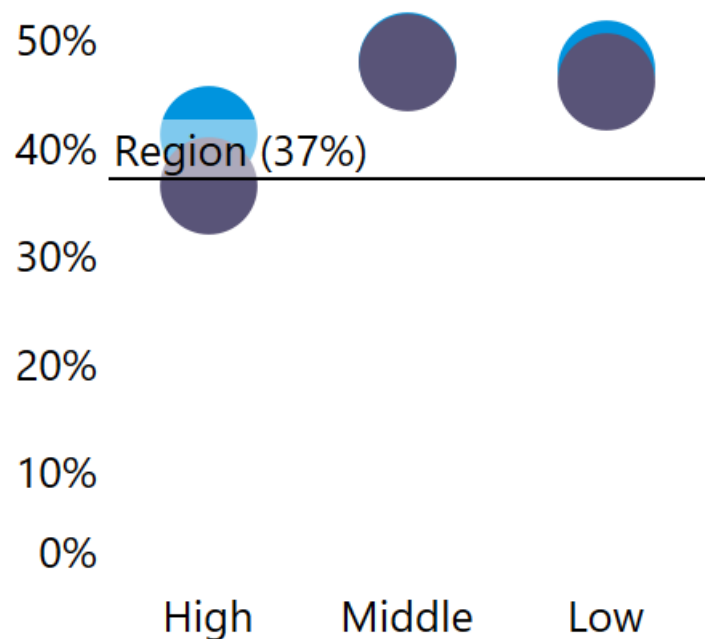
% Unhealthy Weight  
Age & Language Preference—Latinx



% Unhealthy Weight, Insurance & Language Preference—Latinx

	English	ESL
Commercial	41%	48%
Medicaid	46%	47%
Uninsured	50%	48%

% Unhealthy Weight, Income & Language Preference—Latinx

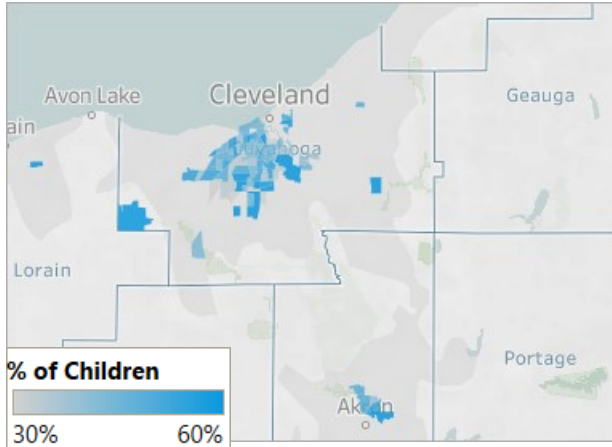




# UNHEALTHY WEIGHT

Preferred Language, Latinx (% with BMI percentile  $\geq 85$ th)

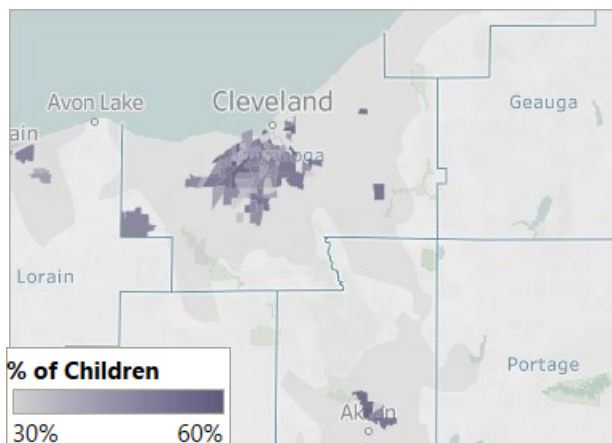
% Unhealthy Weight by  
Census Tract, ESL—Latinx



% Unhealthy Weight by Neighborhood,  
Language Preference—Latinx

		English	ESL
Cuyahoga County	West Park	33%	18%
	Old Brooklyn	32%	15%
	Westtown	23%	22%
	Clark-Fulton	27%	19%
	Parma - Parma Heights	35%	11%
	Brooklyn Centre	30%	18%
	Stockyards	26%	19%
	Detroit-Shoreway	31%	17%
	Cudell	28%	18%
Lake County	Greater Painesville	34%	11%
Lorain County	Eastern Lorain City	40%	5%
Summit County	North Hill	14%	41%

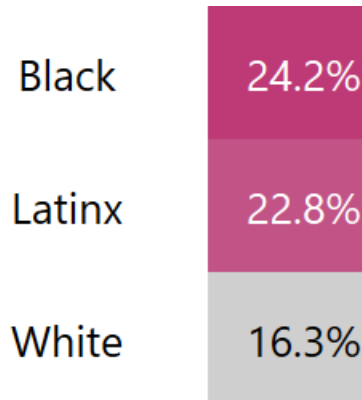
% Unhealthy Weight by  
Census Tract, English-Speaking—  
Latinx



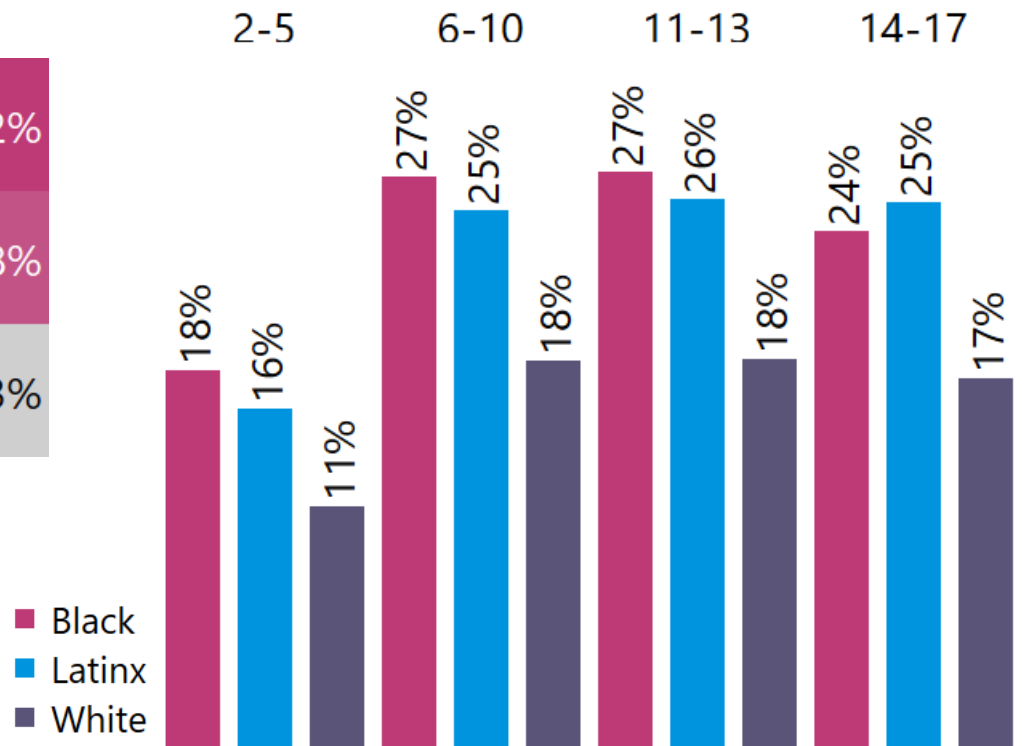
# ASTHMA

## Race/Ethnicity (% with Asthma Diagnosis)

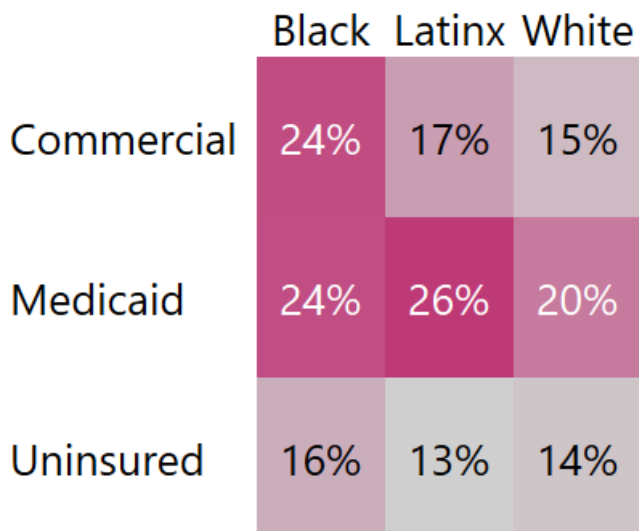
% with Asthma Diagnosis,  
Race/Ethnicity



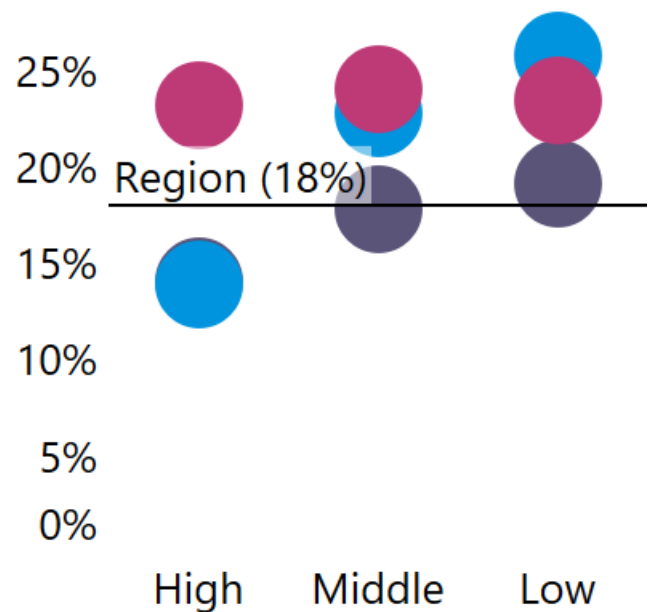
% with Asthma Diagnosis, Age and Race/Ethnicity



% with Asthma Diagnosis,  
Insurance and Race/Ethnicity



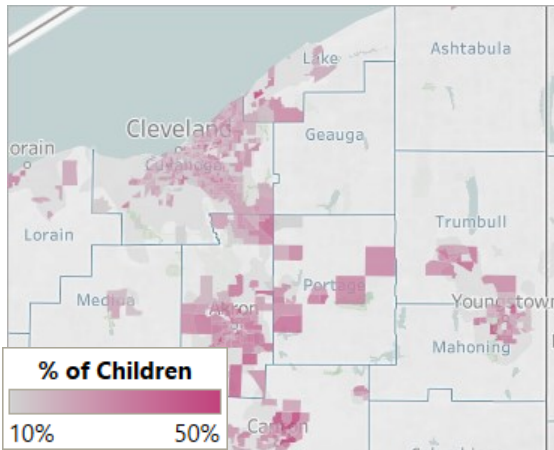
% with Asthma Diagnosis,  
Income and Race/Ethnicity



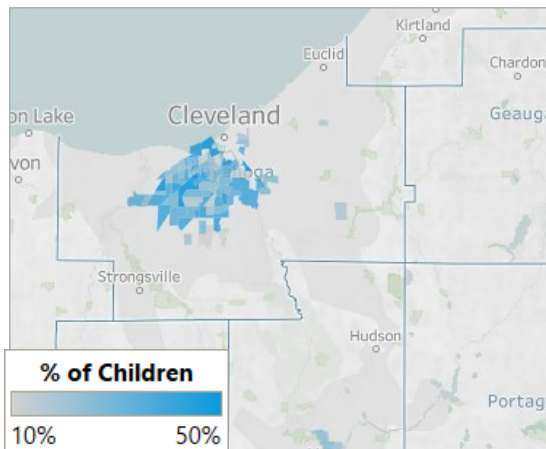
# ASTHMA

## Race/Ethnicity (% with Asthma Diagnosis)

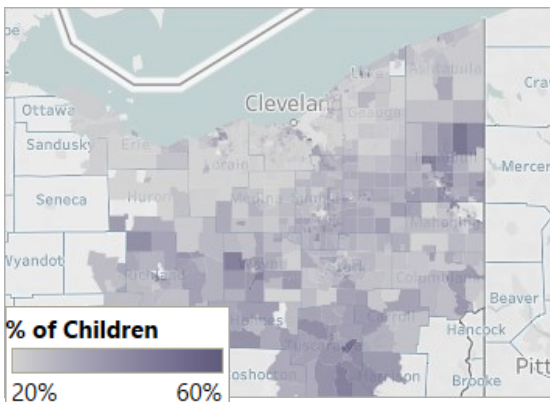
% Asthmatic by  
Census Tract, Black



% Asthmatic by  
Census Tract, Latinx



% Asthmatic by  
Census Tract, White



% Asthmatic by Neighborhood, Black

Portage County	Ravenna	33%
Summit County	Green	37%
	East Akron	33%
	Ellet	33%
	Goodyear Heights	33%
	Firestone	33%
	West Akron	32%
	Barberton - Norton	32%
Wayne County	Wooster	40%
	Eastern Wayne County	39%

% Asthmatic by Neighborhood, Latinx

Cuyahoga County	St. Clair - Superior	37%
	Edgewater	31%
	Central	31%
	Stockyards	30%
	Detroit-Shoreway	29%
	West Park	28%
	Clark-Fulton	28%
Mahoning County	North Central Youngstown	38%
	East Youngstown	38%
	South Youngstown	29%

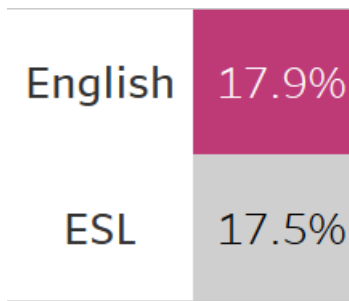
% Asthmatic by Neighborhood, White

Harrison County	Harrison County	31%
Summit County	Sherbondy Hill	37%
	Canton-Akron Airport	26%
	South Akron	25%
	Coventry	25%
Trumbull County	Northeast Trumbull County	27%
Tuscarawas County	Dover	29%
	Southern Tuscarawas County	29%
	New Philadelphia	28%
	Northern Tuscarawas County	25%

# ASTHMA

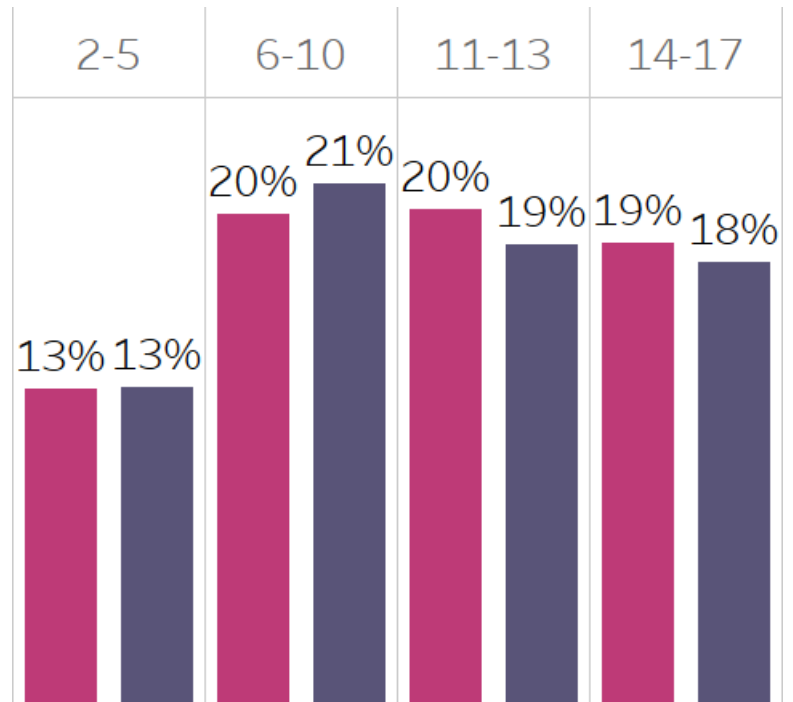
## Preferred Language (% with Asthma Diagnosis)

% with Asthma Diagnosis,  
Preferred Language

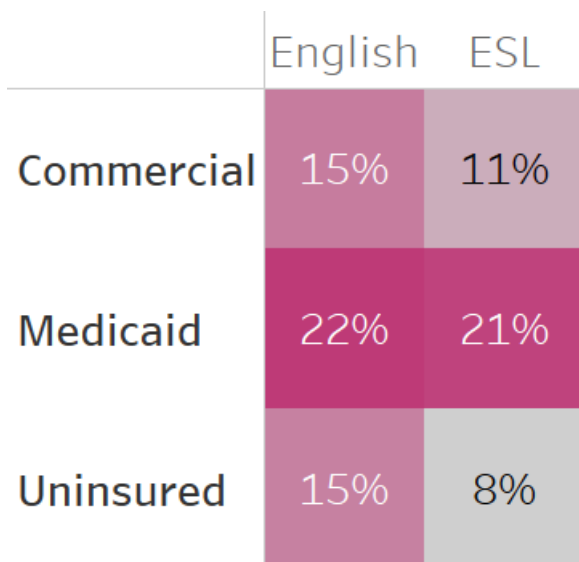


■ English  
■ ESL

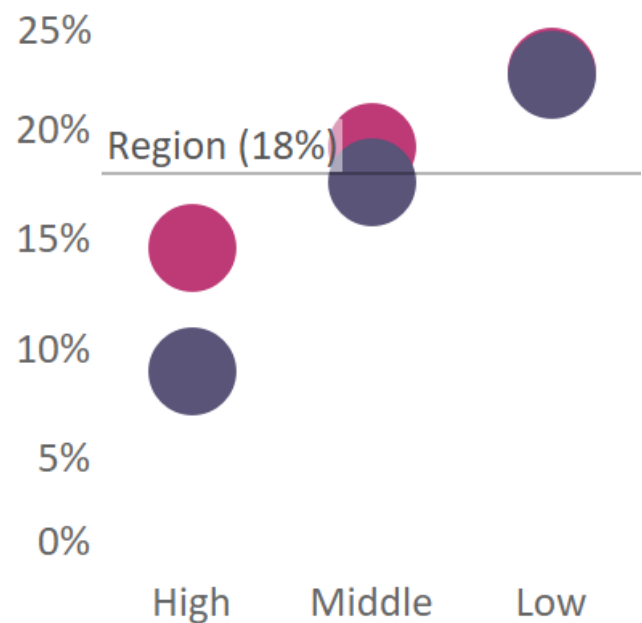
% with Asthma Diagnosis, Age and  
Preferred Language



% with Asthma Diagnosis,  
Preferred Language



% with Asthma Diagnosis,  
Income and Preferred Language



# ASTHMA

## Preferred Language (% with Asthma Diagnosis)

### % Asthmatic by County and City Limits, Non-English Speaking

	City	Suburb
Cuyahoga County	24%	11%
Lorain County	35%	10%
Mahoning County	35%	13%
Stark County	12%	11%
Summit County	15%	12%

### % Asthmatic by Neighborhood, Non-English-Speaking

Cuyahoga County	Tremont	33%
	Stockyards	31%
	Central	29%
	Old Brooklyn	27%
	Broadway - Slavic Village	26%
	Brooklyn Centre	24%
	Westown	24%
	Cudell	23%
Mahoning County	East Youngstown	35%
	South Youngstown	29%

### % Asthmatic by County and City Limits, English-Speaking

	City	Suburb
Cuyahoga County	21%	14%
Lorain County	22%	12%
Mahoning County	24%	18%
Stark County	21%	17%
Summit County	26%	20%

### % Asthmatic by Neighborhood, English-Speaking

Cuyahoga County	Lee-Seville	27%
Harrison County	Harrison County	29%
Summit County	Sherbondy Hill	28%
	East Akron	28%
	South Akron	28%
	West Akron	27%
	Canton-Akron Airport	27%
Tuscarawas County	Dover	29%
	Southern Tuscarawas County	28%
	New Philadelphia	28%

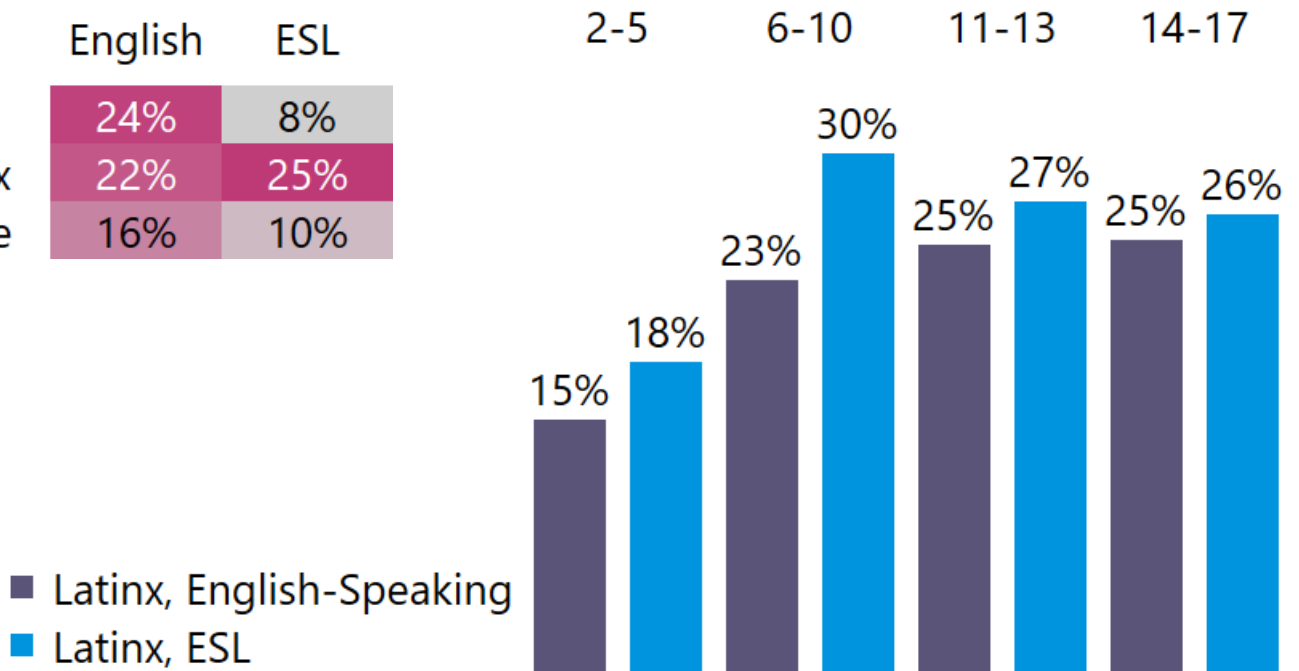
# ASTHMA

## Preferred Language, Latinx (% with Asthma Diagnosis)

% with Asthma Diagnosis,  
by Race/Ethnicity/Language

	English	ESL
Black	24%	8%
Latinx	22%	25%
White	16%	10%

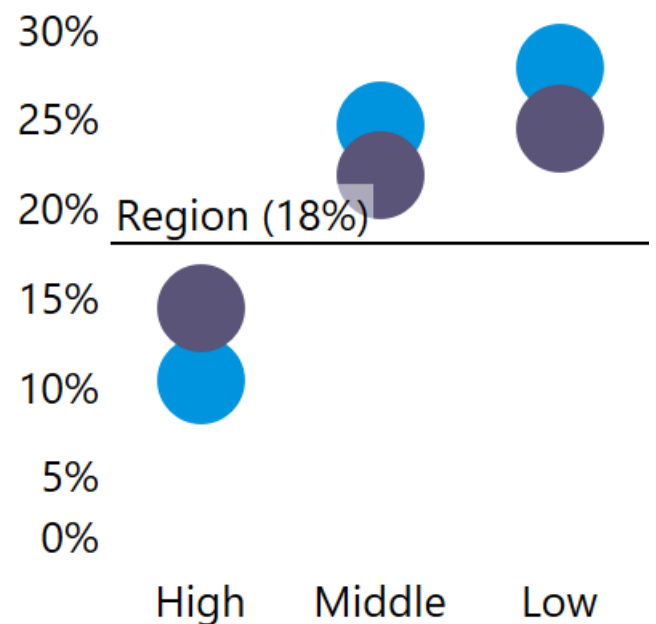
% with Asthma Diagnosis,  
Age & Language Preference—Latinx



% with Asthma Diagnosis, Insurance  
& Language Preference—Latinx

	English	ESL
Commercial	17%	20%
Medicaid	24%	28%
Uninsured	16%	10%

% with Asthma Diagnosis, Income & Language Preference—Latinx



# ASTHMA

## Preferred Language, Latinx (% with Asthma Diagnosis)

% with Asthma Diagnosis,  
by County and City Limits,  
Language Preference—Latinx

		English	ESL
Cuyahoga County	City	24%	30%
	Suburb	19%	21%
Lake County	Suburb	11%	6%
Lorain County	City	24%	33%
	Suburb	19%	17%
Mahoning County	City	32%	37%
	Suburb	26%	30%
Summit County	City	21%	21%
	Suburb	15%	9%

% with Asthma Diagnosis, by Neighborhood,  
Language Preference—Latinx

		English	ESL
Cuyahoga County	West Park	24%	34%
	Old Brooklyn	20%	29%
	Westown	24%	30%
	Clark-Fulton	29%	25%
	Parma - Parma Heights	23%	28%
	Stockyards	27%	35%
	Brooklyn Centre	23%	26%
	Detroit-Shoreway	31%	27%
	Cudell	25%	30%
Lake County	Greater Painesville	11%	6%
Lorain County	Eastern Lorain City	23%	11%
Summit County	North Hill	22%	18%



# APPENDIX

## Demographics (Age & Insurance) by Race/Ethnicity & Language Spoken at

Race/ Ethnicity	Language	Children	Age				Insurance		
			% 2-5	% 6-10	% 11-13	% 14-17	% Com- mercial	% Medi- caid	% Uninsured
All Children	Total	266228	26%	31%	19%	24%	55%	41%	3%
	English-Speaking	258126	26%	31%	19%	24%	57%	41%	3%
	ESL	8102	27%	33%	19%	21%	19%	70%	11%
White, Non-Hispanic	Total	177615	26%	31%	19%	25%	68%	29%	3%
	English-Speaking	176401	26%	31%	19%	25%	69%	29%	3%
	ESL	1214	24%	36%	19%	21%	21%	62%	17%
Black, Non-Hispanic	Total	53491	28%	31%	18%	23%	21%	76%	3%
	English-Speaking	53066	28%	31%	18%	23%	21%	76%	3%
	ESL	425	23%	26%	20%	31%	6%	72%	23%
Latinx	Total	13512	27%	31%	19%	23%	23%	70%	7%
	English-Speaking	9349	27%	31%	18%	23%	31%	64%	5%
	ESL	4163	27%	31%	19%	22%	6%	83%	11%
Other	Total	10779	25%	31%	20%	24%	58%	38%	4%
	English-Speaking	9573	25%	31%	20%	25%	62%	34%	4%
	ESL	1206	31%	35%	18%	17%	26%	68%	5%

# APPENDIX

## Demographics (Income/Region) by Race/Ethnicity & Language Spoken

Race/Ethnicity	Language	Neighborhood Income			Region		
		High (>\$55k)	Medium (\$30-55k)	Low (<\$30k)	Urban	Suburban	Rural
All Children	Total	38%	45%	17%	21%	55%	24%
	English-Speaking	39%	45%	16%	20%	55%	25%
	ESL	21%	43%	36%	51%	39%	10%
White, Non-Hispanic	Total	49%	48%	6%	9%	59%	32%
	English-Speaking	47%	48%	6%	9%	59%	32%
	ESL	32%	60%	8%	24%	59%	17%
Black, Non-Hispanic	Total	13%	39%	49%	52%	43%	5%
	English-Speaking	13%	39%	48%	52%	43%	5%
	ESL	4%	32%	64%	79%	20%	NA
Latinx	Total	15%	44%	40%	59%	32%	9%
	English-Speaking	19%	45%	36%	54%	38%	8%
	ESL	6%	43%	50%	72%	19%	9%
Other	Total	50%	39%	12%	14%	68%	18%
	English-Speaking	51%	38%	11%	12%	69%	19%
	ESL	36%	45%	19%	30%	63%	7%

# APPENDIX

## % Overweight (Age & Insurance) by Race/Ethnicity & Language Spoken

Race/ Ethnicity	Language	% Overweight	Age (% Overweight)				Insurance (% Overweight)		
			% 2-5	% 6-10	% 11-13	% 14-17	% Commer- cial	% Medi- caid	% Un- insured
All Children	Total	37%	21%	39%	46%	43%	33%	41%	38%
	English-Speaking	37%	21%	39%	46%	43%	33%	41%	37%
	ESL	41%	28%	47%	48%	44%	28%	44%	44%
White, Non-Hispanic	Total	35%	21%	37%	43%	40%	32%	41%	35%
	English-Speaking	35%	21%	37%	43%	40%	32%	41%	35%
	ESL	38%	29%	44%	46%	34%	30%	41%	40%
Black, Non-Hispanic	Total	41%	22%	45%	53%	50%	44%	40%	39%
	English-Speaking	41%	21%	45%	53%	50%	44%	40%	39%
	ESL	43%	42%	49%	41%	40%	48%	42%	43%
Latinx	Total	46%	30%	50%	54%	52%	42%	47%	49%
	English-Speaking	45%	28%	49%	54%	52%	41%	46%	50%
	ESL	47%	33%	52%	54%	52%	48%	47%	48%
Other	Total	33%	19%	37%	43%	36%	29%	40%	36%
	English-Speaking	33%	19%	36%	42%	36%	29%	41%	37%
	ESL	33%	16%	42%	45%	31%	27%	35%	32%

# APPENDIX

## % Overweight (Income/Region) by Race/Ethnicity & Language Spoken

Race/Ethnicity	Language	Neighborhood Income (% Overweight)			Region (% Overweight)		
		High (>\$55k)	Medium (\$30-55k)	Low (<\$30k)	Urban	Suburban	Rural
All Children	Total	31%	39%	41%	41%	35%	37%
	English-Speaking	31%	39%	41%	41%	35%	36%
	ESL	29%	44%	44%	45%	35%	47%
White, Non-Hispanic	Total	30%	38%	40%	40%	33%	36%
	English-Speaking	30%	38%	40%	41%	33%	36%
	ESL	31%	42%	36%	38%	36%	51%
Black, Non-Hispanic	Total	41%	42%	41%	40%	42%	43%
	English-Speaking	41%	42%	41%	40%	42%	43%
	ESL	36%	44%	43%	44%	40%	NA
Latinx	Total	37%	48%	46%	47%	43%	45%
	English-Speaking	36%	48%	46%	47%	43%	43%
	ESL	41%	48%	47%	47%	47%	50%
Other	Total	28%	40%	35%	38%	30%	40%
	English-Speaking	27%	40%	36%	40%	30%	40%
	ESL	31%	34%	31%	33%	31%	44%

# APPENDIX

## % Asthmatic (Age & Insurance) by Race/Ethnicity & Language Spoken

Race/ Ethnicity	Language	% Asthmatic	Age (% Asthmatic)				Insurance (% Asthmatic)		
			% 2-5	% 6-10	% 11-13	% 14-17	% Com- mercial	% Medi- caid	% Unin- sured
All Children	Total	18%	13%	20%	20%	19%	15%	22%	14%
	English-Speaking	18%	13%	20%	20%	19%	15%	22%	15%
	ESL	17%	13%	21%	18%	17%	11%	21%	8%
White, Non-Hispanic	Total	16%	11%	18%	18%	17%	15%	20%	14%
	English-Speaking	16%	11%	18%	19%	18%	15%	20%	14%
	ESL	10%	7%	14%	11%	5%	9%	12%	4%
Black, Non-Hispanic	Total	24%	18%	27%	28%	24%	24%	25%	16%
	English-Speaking	24%	18%	28%	28%	25%	24%	25%	17%
	ESL	8%	8%	12%	5%	5%	17%	8%	NA
Latinx	Total	23%	16%	25%	26%	26%	17%	26%	14%
	English-Speaking	22%	15%	23%	25%	25%	17%	24%	16%
	ESL	25%	18%	30%	27%	26%	21%	28%	11%
Other	Total	14%	11%	14%	15%	15%	12%	17%	10%
	English-Speaking	14%	11%	14%	16%	15%	12%	19%	10%
	ESL	9%	7%	12%	7%	8%	9%	9%	9%

# APPENDIX

## % Asthmatic (Income/Region) by Race/Ethnicity & Language Spoken

Race/ Ethnicity	Language	Neighborhood Income (% Asthmatic)			Region (% Asthmatic)		
		High (>\$55k)	Medium (\$30-55k)	Low (<\$30k)	Urban	Suburban	Rural
All Children	Total	14%	19%	23%	22%	16%	17%
	English-Speaking	15%	19%	23%	22%	17%	17%
	ESL	9%	18%	22%	23%	11%	14%
White, Non-Hispanic	Total	14%	18%	19%	19%	15%	17%
	English-Speaking	14%	18%	19%	19%	15%	17%
	ESL	8%	11%	9%	7%	9%	18%
Black, Non-Hispanic	Total	23%	25%	24%	24%	24%	27%
	English-Speaking	23%	25%	24%	25%	24%	27%
	ESL	20%	10%	5%	5%	18%	NA
Latinx	Total	14%	23%	26%	26%	18%	18%
	English-Speaking	15%	22%	25%	24%	18%	20%
	ESL	11%	25%	28%	29%	16%	15%
Other	Total	12%	15%	15%	16%	12%	16%
	English-Speaking	12%	16%	17%	19%	13%	16%
	ESL	8%	9%	8%	8%	9%	8%



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