

Greater University Circle Community Health Initiative

Map and Data Package

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**NOTE: ALL DATA ARE FOR THE MOST RECENT YEAR AVAILABLE**

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## I. Population

Neighborhood	Total Population	Population < 18		Population 18-64		Population 65+	
	N	N	%	N	%	N	%
Buckeye-Shaker Square	12,303	2,341	19.03	8,098	65.82	1,864	15.15
Buckeye-Woodhill	6,540	1,841	28.15	4,005	61.23	695	10.62
Central	11,924	5,034	42.22	6,197	51.97	693	5.81
Fairfax	6,145	1,403	22.83	3,541	57.63	1,201	19.54
Glenville	26,747	6,854	25.63	15,778	58.99	4,115	15.38
Hough	11,296	2,762	24.45	6,688	59.21	1,846	16.35
University	7,917	293	3.70	6,451	81.48	1,173	14.82
East Cleveland	17,634	3,736	21.19	10,449	59.26	3,449	19.56
Cleveland	390,106	90,895	23.30	250,838	64.30	48,373	12.40
Cuyahoga County	1,263,154	274,104	21.70	784,419	62.10	204,631	16.20

Source: U.S. Census Bureau, 2010 Census SF1; 2013 ACS 1-year estimates  
<sup>1</sup>Population is benchmarked to the 2013 population from the ACS 1-year estimates.

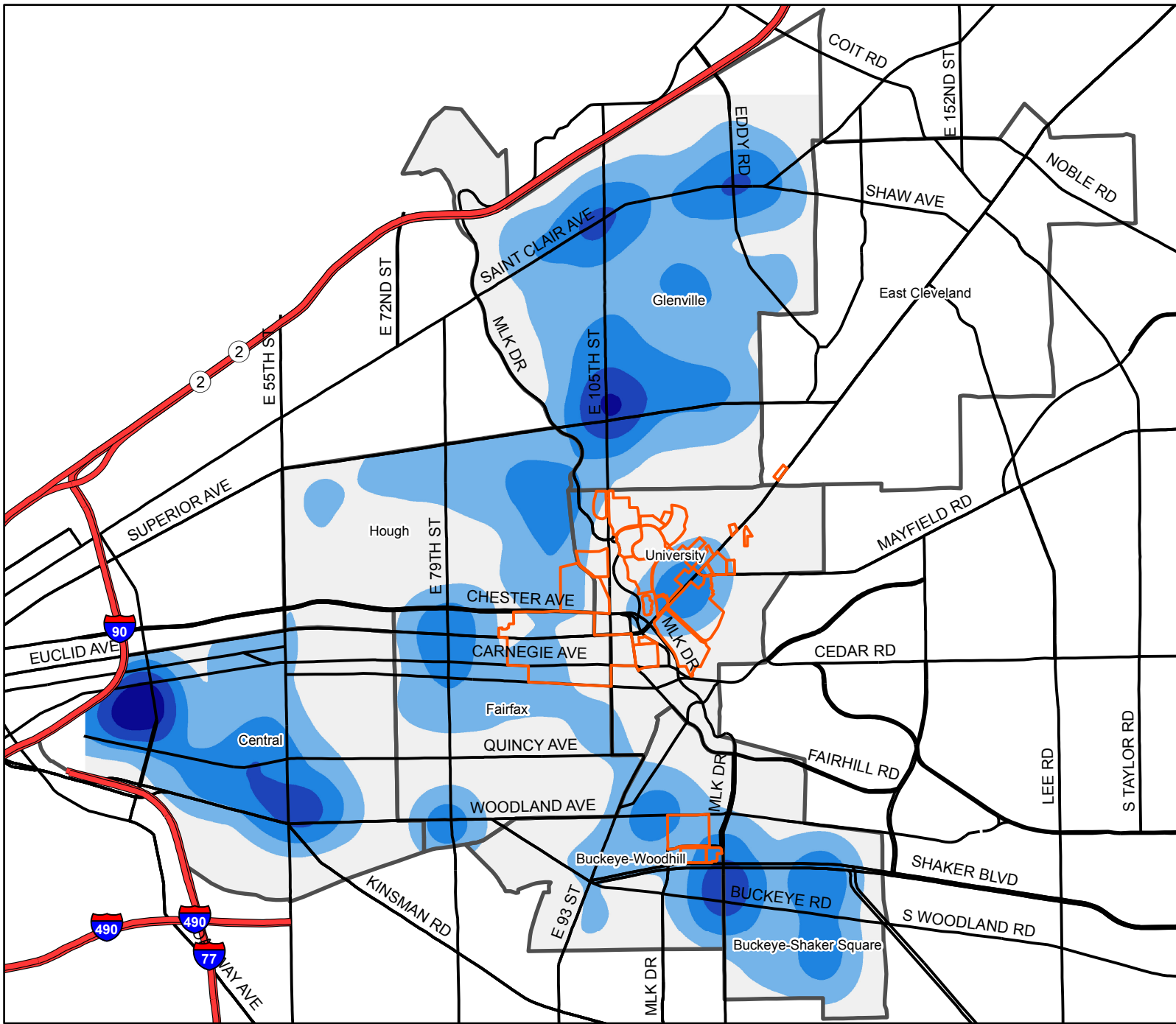
## II. Violence

### 1. Violent Crime Incidents

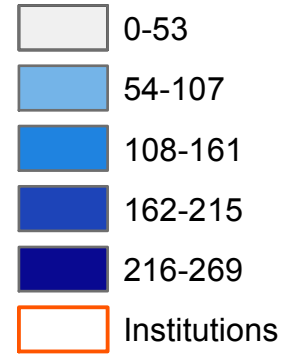
Neighborhood	Violent Crimes <sup>1,2</sup>	
	N	Rate per 100,000 population
Buckeye-Shaker Square	168	1,370.40
Buckeye-Woodhill	150	2,284.81
Central	352	2,909.59
Fairfax	184	2,999.91
Glenville	555	2,072.94
Hough	224	1,983.05
University	106	1,358.14
East Cleveland	--	--
Cleveland	6,481	1,661.34

<sup>1</sup>Source: City of Cleveland, Division of Police, 2013

<sup>2</sup>Violent crimes include homicide, rape, robbery, and aggravated assault.



**Violent crime incidents, density per square mile**



**Violent Crime**  
 Greater University Circle  
 Oct 14, 2014

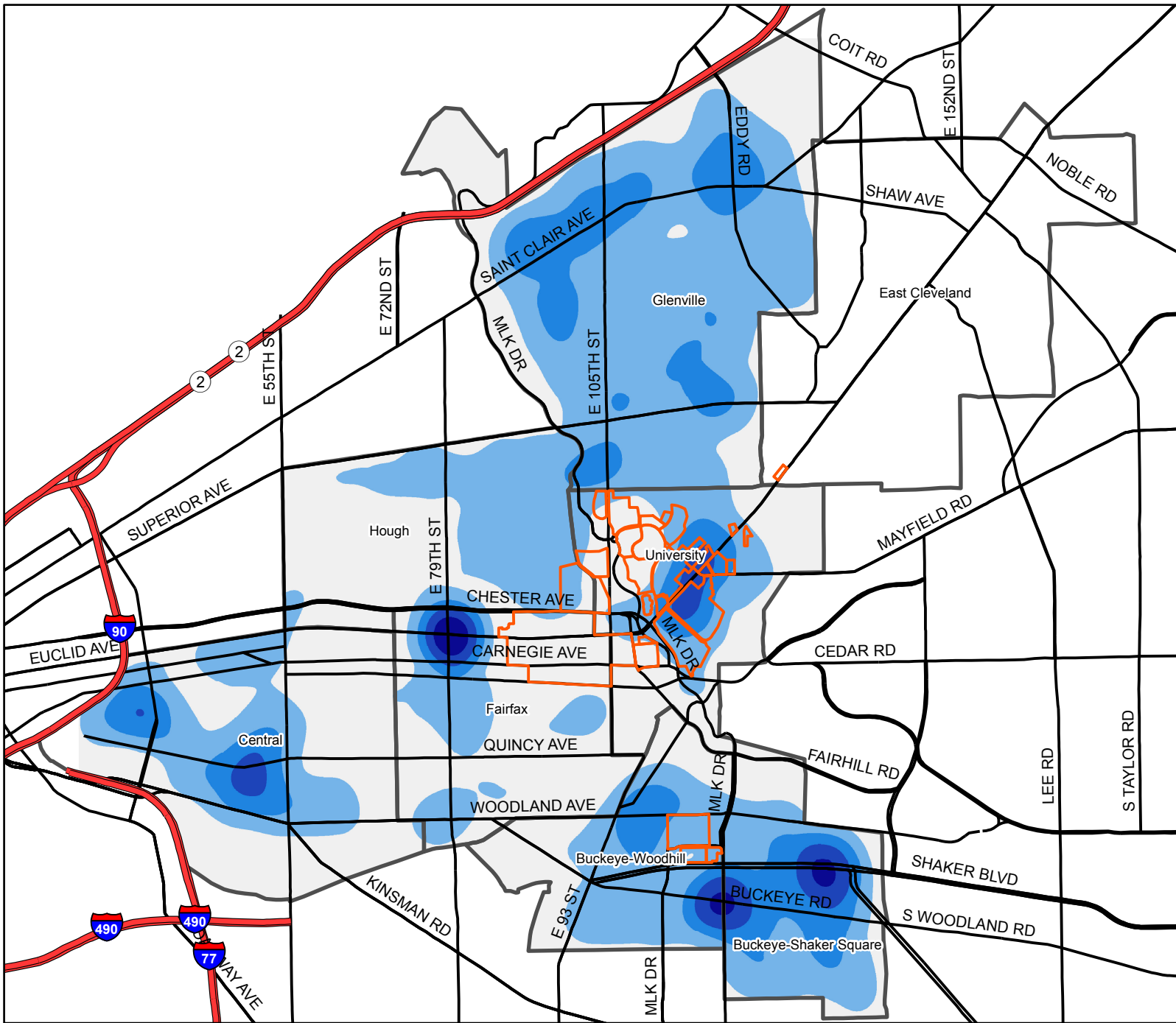


2. Property Crime Incidents

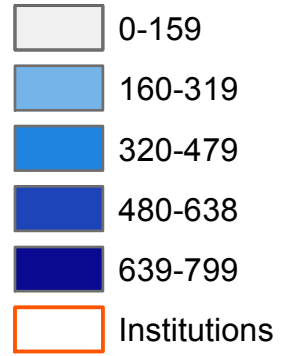
Neighborhood	Property Crimes <sup>1,3</sup>	
	N	Rate per 100,000 population
Buckeye-Shaker Square	648	5,285.84
Buckeye-Woodhill	503	7,661.73
Central	719	5,943.16
Fairfax	461	7,516.08
Glenville	1,565	5,845.32
Hough	574	5,081.56
University	478	6,124.46
East Cleveland	--	--
Cleveland	23,879	6,121.16

<sup>1</sup>Source: City of Cleveland, Division of Police

<sup>3</sup>Property crimes include burglary, larceny-theft, auto theft, and arson.



**Property crime incidents, density per square mile**



**Property Crime**  
 Greater University Circle  
 Oct 14, 2014

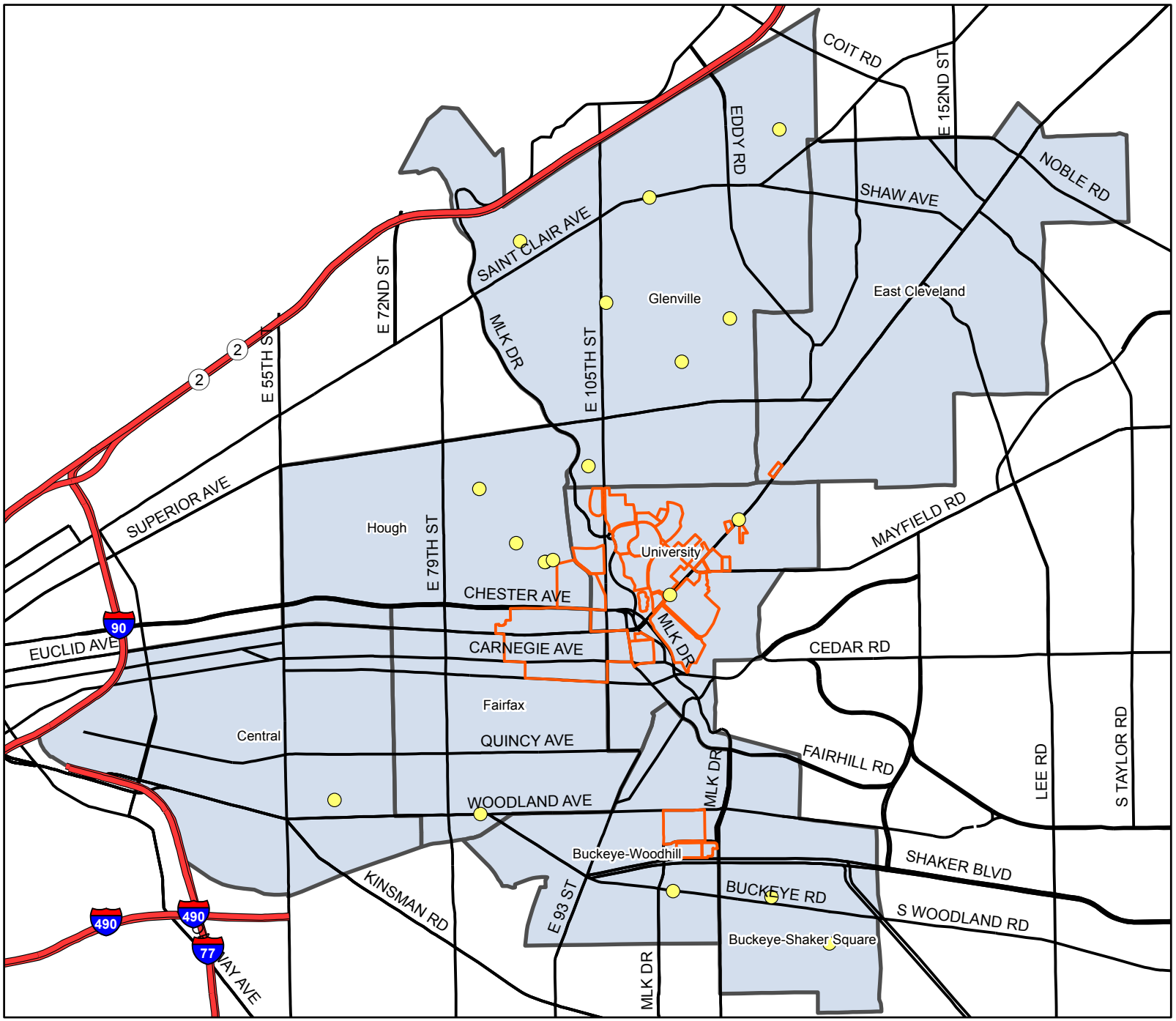


3. Homicides

Neighborhood	Homicides <sup>1</sup>	
	N	Rate per 100,000 population
Buckeye-Shaker Square	2	16.31
Buckeye-Woodhill	1	15.23
Central	1	8.27
Fairfax	1	16.30
Glenville	7	26.15
Hough	5	44.26
University	2	25.63
East Cleveland	--	--
Cleveland	70	17.94

<sup>1</sup>Source: City of Cleveland, Division of Police, 2013





**Location of homicides**

- Homicide incidents
- Institutions

**Homicide**  
 Greater University Circle  
 Oct 14, 2014



### III. Stress/Substance Abuse

#### 1. Illicit Drug Offenses

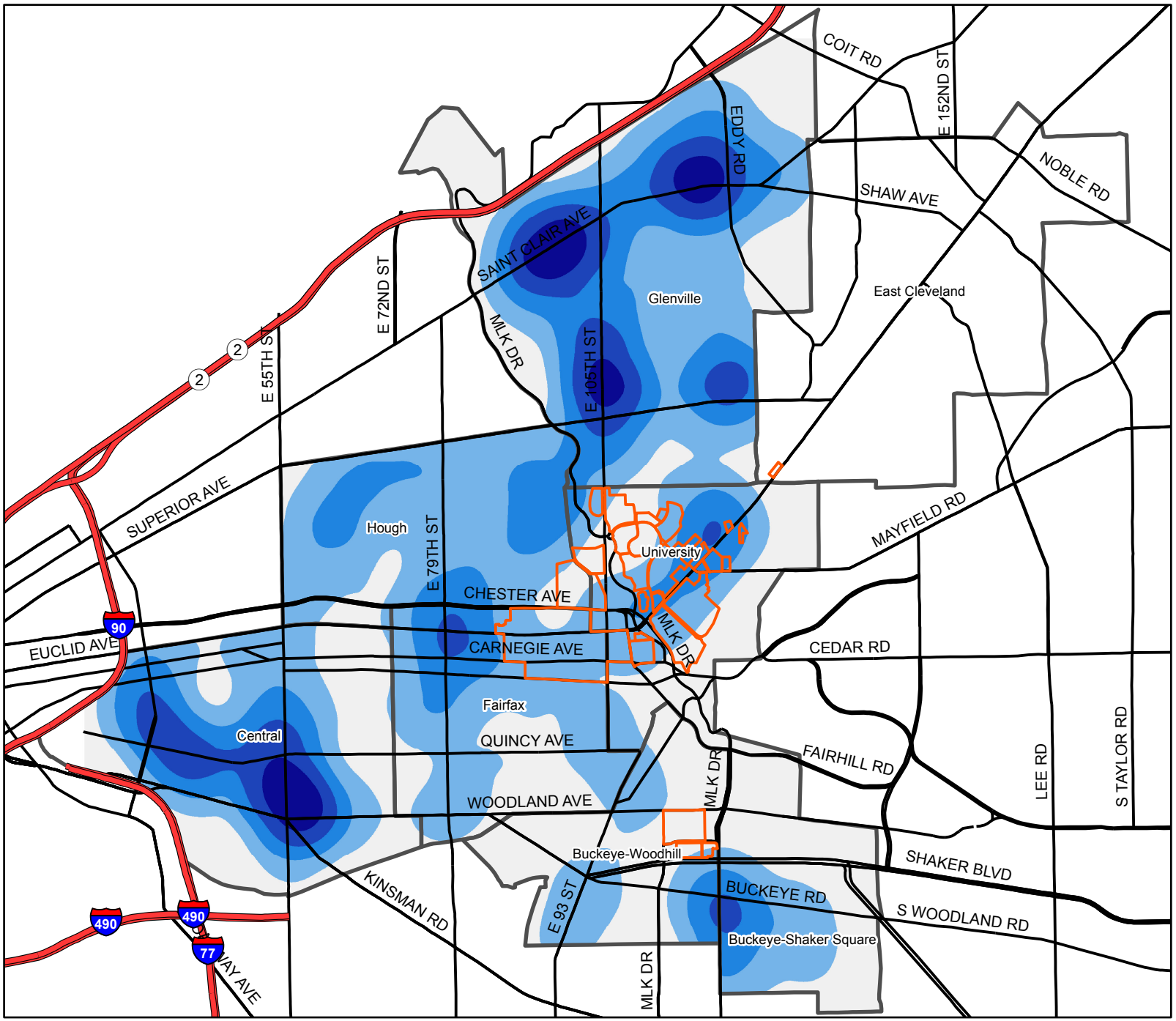
Neighborhood	Drug Offenses <sup>1,2</sup>	
	N	Rate per 100,000 population
Buckeye-Shaker Square	38	311.67
Buckeye-Woodhill	35	536.05
Central	121	1,005.66
Fairfax	60	983.60
Glenville	209	784.90
Hough	88	783.33
University	55	708.56
East Cleveland	--	--

Cleveland 2,746 703.91

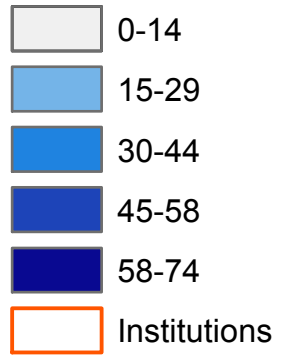
Cuyahoga County -- --

<sup>1</sup>Source: City of Cleveland, Division of Police

<sup>2</sup>Illicit drug offenses include illicit drug possession, illicit drug trafficking, and other illicit drug violations.



**Illicit drug offenses, density per square mile**



**Illicit Drug Offenses**  
 Greater University Circle  
 Oct 14, 2014



2. Alcohol Outlets by Type

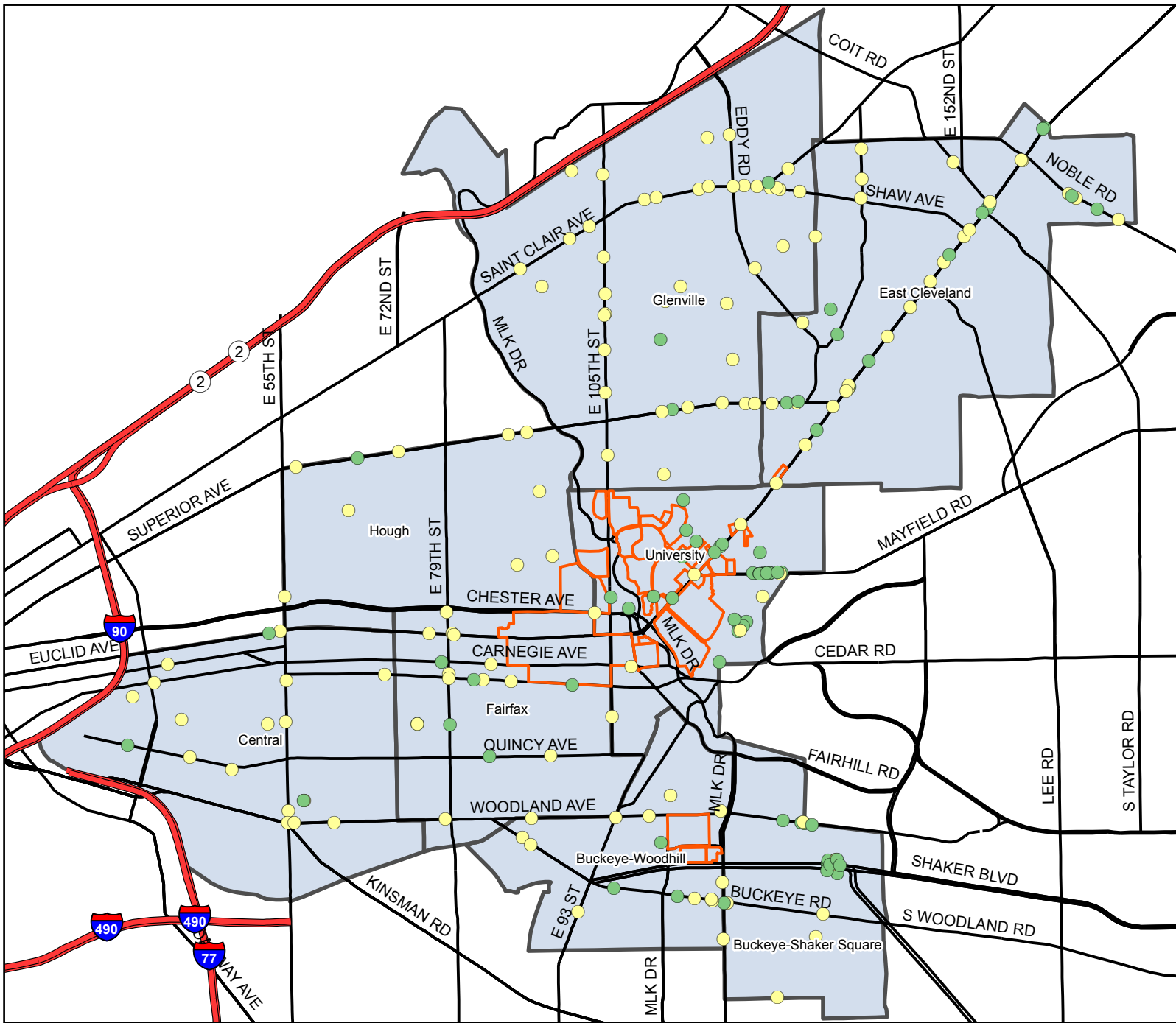
Neighborhood	Alcohol Outlets <sup>3</sup>		
	On-premises consumption <sup>4</sup> (N)	Carryout <sup>5</sup> (N)	Outlets per square mile
Buckeye-Shaker Square	13	7	17.27
Buckeye-Woodhill	3	13	12.98
Central	3	16	13.66
Fairfax	6	12	11.19
Glenville	3	40	11.22
Hough	1	9	5.89
University	31	8	25.74
East Cleveland	15	26	13.27

Cleveland	586	512	13.12
Cuyahoga County	1,500	1,197	5.22

<sup>3</sup>Source: Ohio Department of Commerce, Division of Liquor Control

<sup>4</sup>Alcohol outlets (on-premises consumption) include restaurants/night clubs that sell liquor for on-premise consumption.

<sup>5</sup>Alcohol outlets (Carryout) include retail stores that sell liquor for off-premise consumption. Some restaurants/night clubs might sell liquor for off-premise consumption but they are not included in the count.



**Location of alcohol outlets by type**

- Carry-out
- On-premise consumption
- Institutions

**Alcohol Outlets  
Greater University Circle**

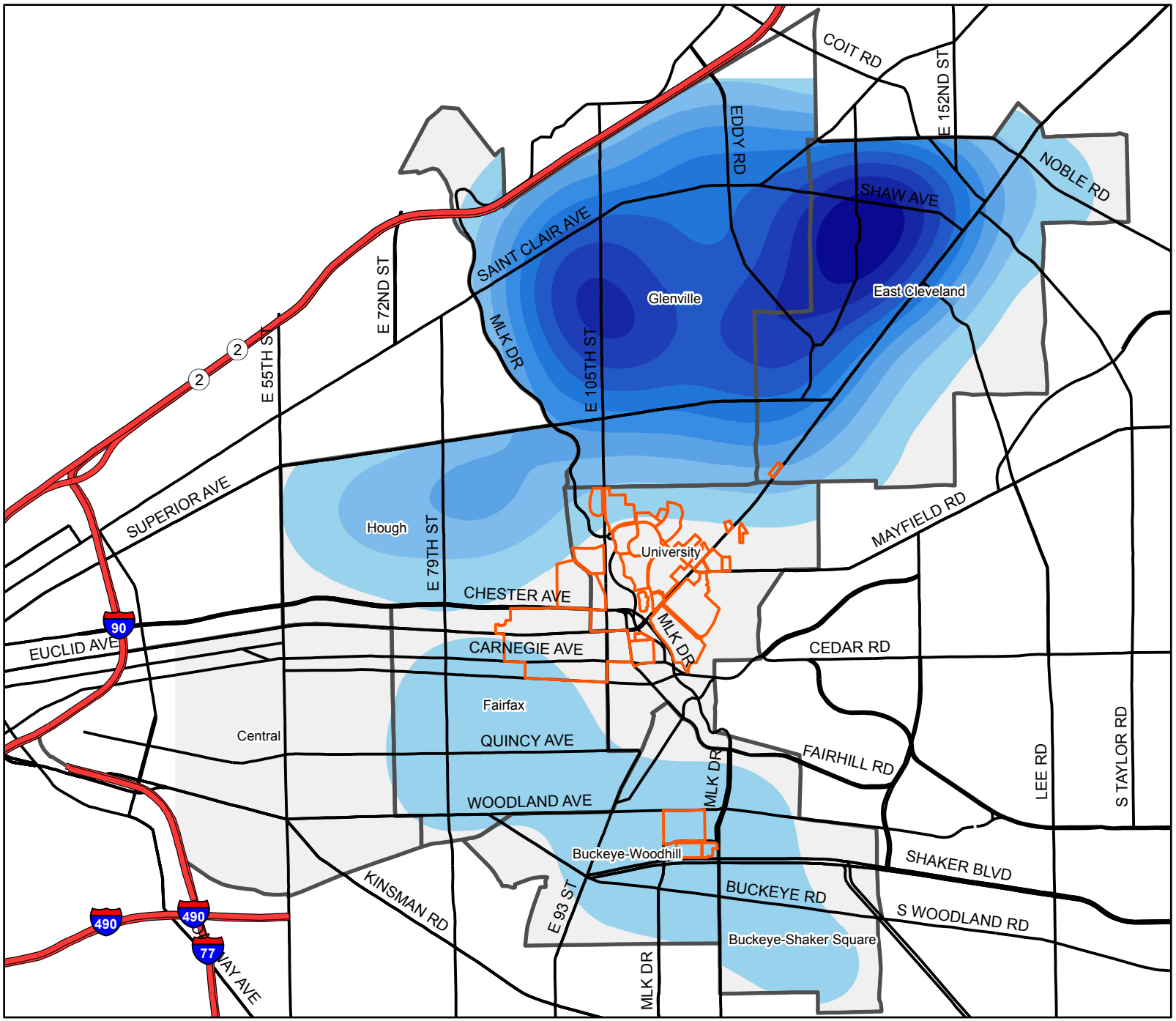
Oct 13, 2014



### 3. Vacant Houses

Neighborhood	Vacant Houses <sup>6</sup>	
	N	Density per square mile
Buckeye-Shaker Square	153	131.96
Buckeye-Woodhill	154	124.74
Central	71	30.28
Fairfax	165	102.43
Glenville	1,710	445.66
Hough	369	216.83
University	30	19.77
East Cleveland	1,256	406.07

<sup>6</sup>Source: USPS vacancy for Quarter 2 of 2014



**USPS vacancy, density per square mile**

- 0-48
- 49-96
- 97-144
- 145-192
- 193-240
- 241-288
- 289-336
- 337-384
- 385-432
- 433-481
- Institutions

**Vacant Houses**  
 Greater University Circle  
 Oct 14, 2014



#### IV. Maternal and Infant Health

##### 1. Infant Mortality

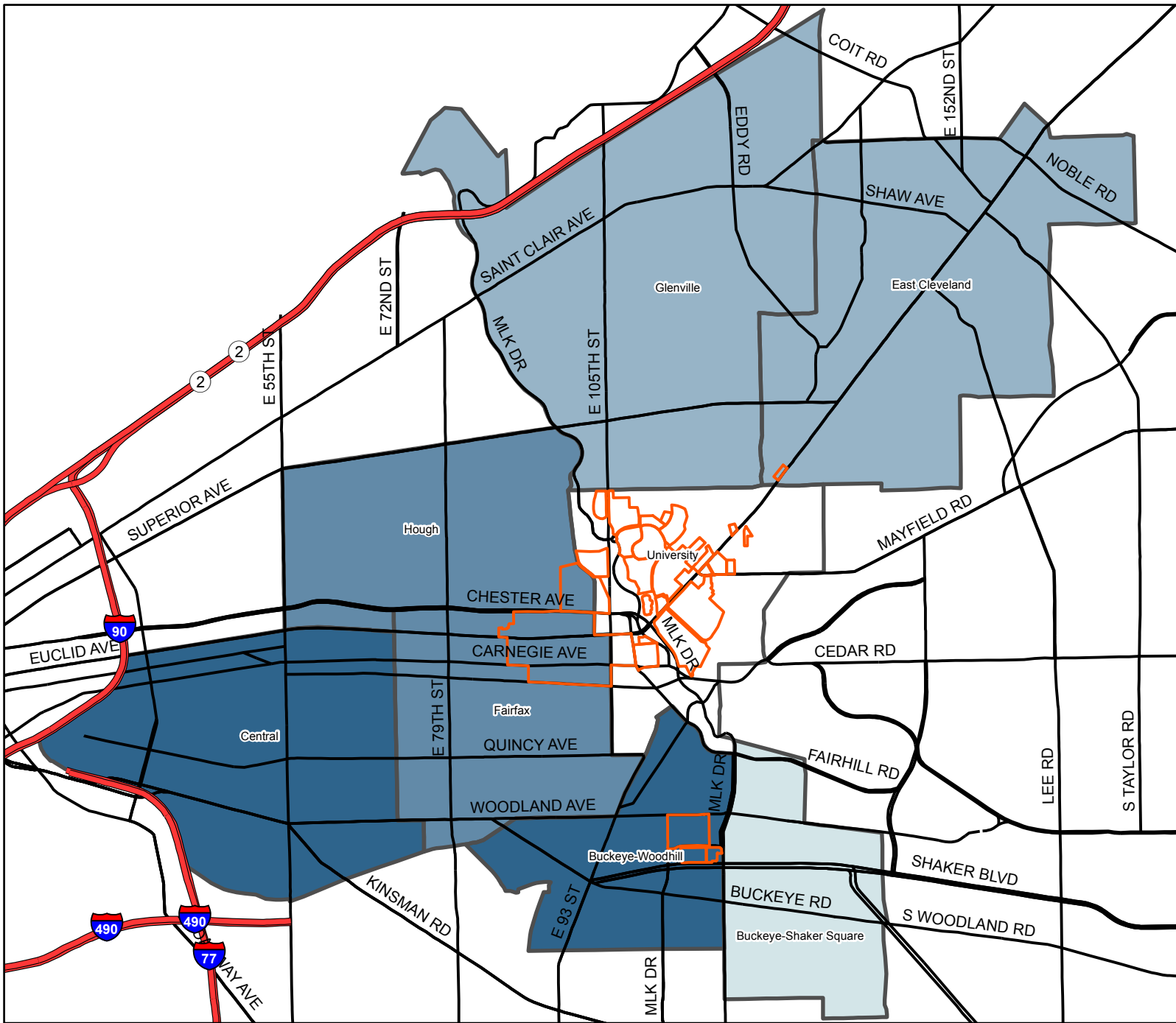
Neighborhood	Infant Deaths <sup>1</sup>	
	N	Rate per 1,000 live births
Buckeye-Shaker Square	1	6.37
Buckeye-Woodhill	4	24.39
Central	8	26.58
Fairfax	2	21.28
Glenville	5	12.59
Hough	4	22.10
University	0	0.00
East Cleveland	3	10.20

Cleveland 79 13.02

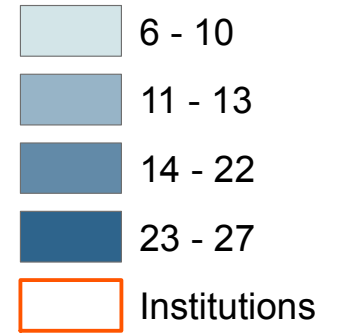
Cuyahoga County 138 9.14

<sup>1</sup>Source: Ohio Department of Health, Vital Statistics Division





**Infant death rate per 1,000 live births**



**Infant Mortality**  
 Greater University Circle  
 Oct 13, 2014

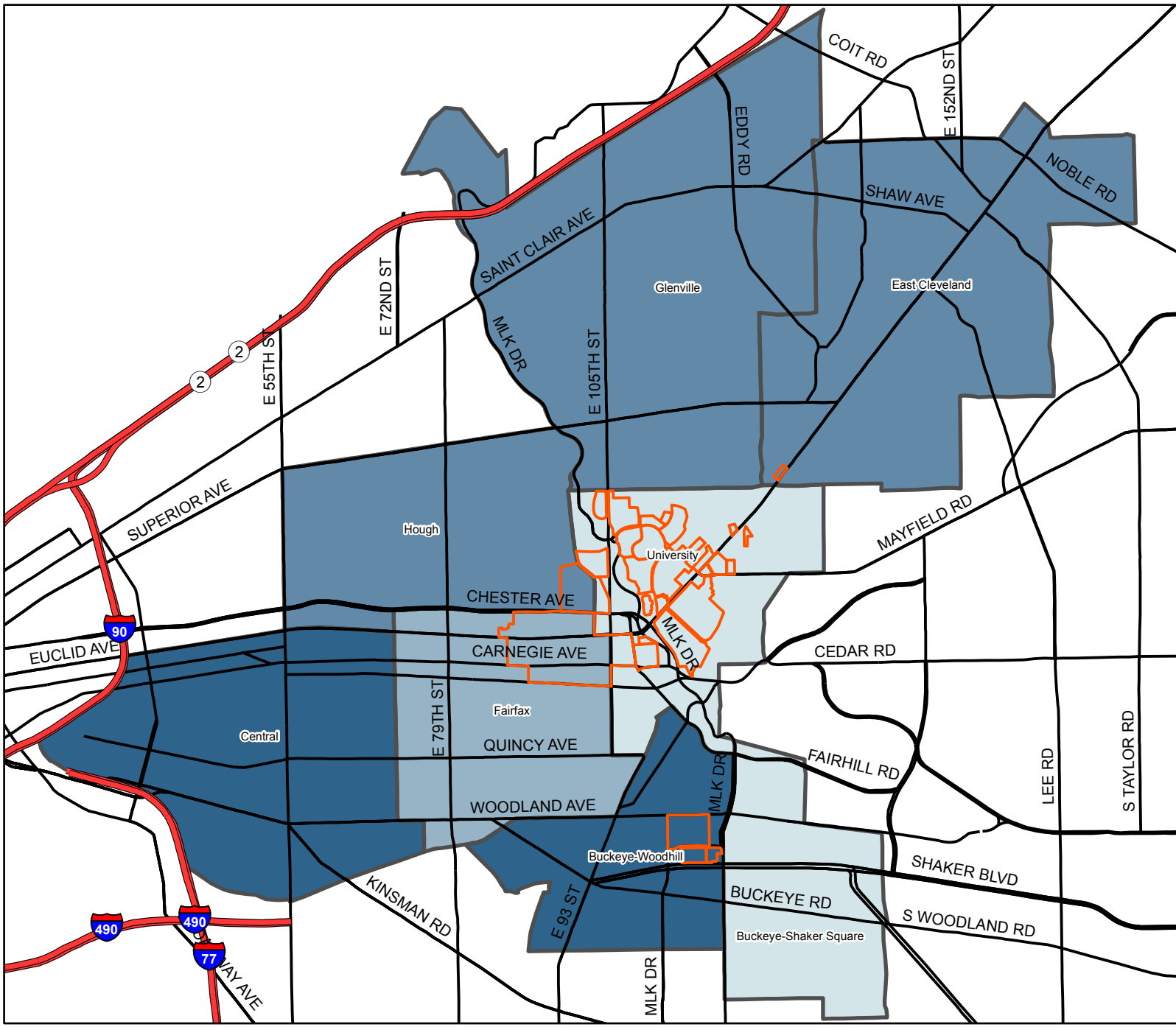


2. Inadequate Prenatal Care

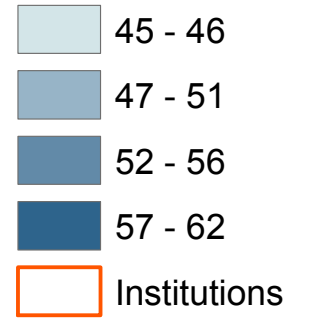
Neighborhood	Births with Inadequate Prenatal Care <sup>1,2</sup>	
	N	%
Buckeye-Shaker Square	56	45.90
Buckeye-Woodhill	81	61.83
Central	140	58.58
Fairfax	38	51.35
Glenville	160	55.56
Hough	68	53.97
University	18	45.00
East Cleveland	119	54.84
Cleveland	2,453	48.44
Cuyahoga County	5,204	39.74

<sup>1</sup>Source: Ohio Department of Health, Vital Statistics Division

<sup>2</sup>Adequacy of prenatal care is determined using the Kessner Index. For prenatal care to be adequate according to the Kessner Index, care must begin in the first trimester and the total number of visits must equal or exceed that which would be expected for the infant's gestational age at birth.



**Percent births with inadequate prenatal care**



**Births with Inadequate Prenatal Care**  
Greater University Circle

Oct 13, 2014



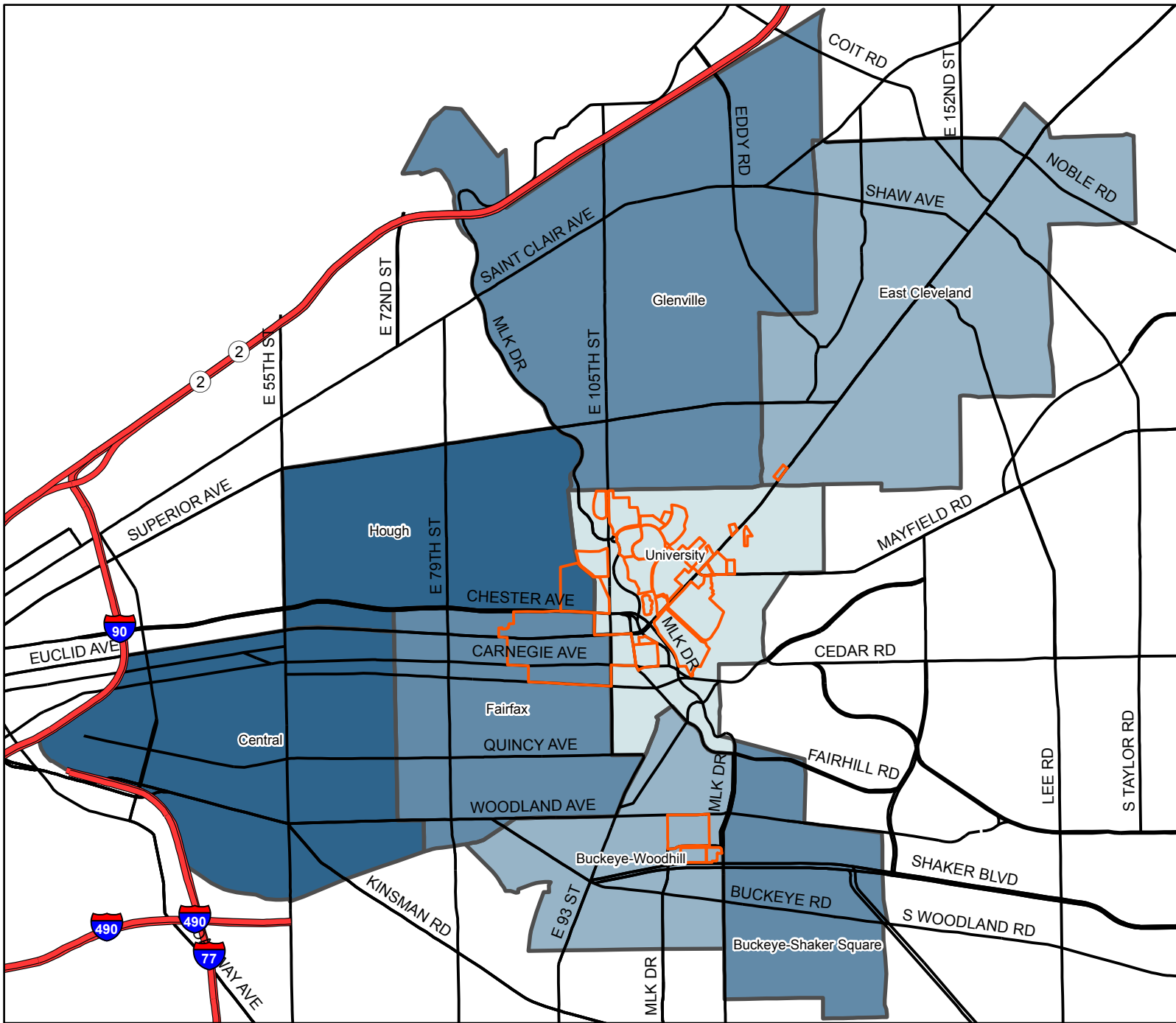
### 3. Low Birth Weight

	Births <2,500 grams <sup>1</sup>	
Neighborhood	N	%
Buckeye-Shaker Square	25	15.92
Buckeye-Woodhill	21	12.80
Central	55	18.39
Fairfax	14	14.89
Glenville	62	15.66
Hough	36	19.89
University	NA*	NA*
East Cleveland	37	12.59

Cleveland	803	13.27
Cuyahoga County	1,563	10.37

<sup>1</sup>Source: Ohio Department of Health, Vital Statistics Division

\*We are required by the Ohio Department of Health to suppress any birth related indicator with a count of less than 5 (and its corresponding rate) in any geographic area.



**Percent births with low birth weight (<2,500 grams)**

- 6 - 9
- 10 - 13
- 14 - 16
- 17 - 20
- Institutions

**Births with Low Birth Weight**  
 Greater University Circle  
 Oct 13, 2014



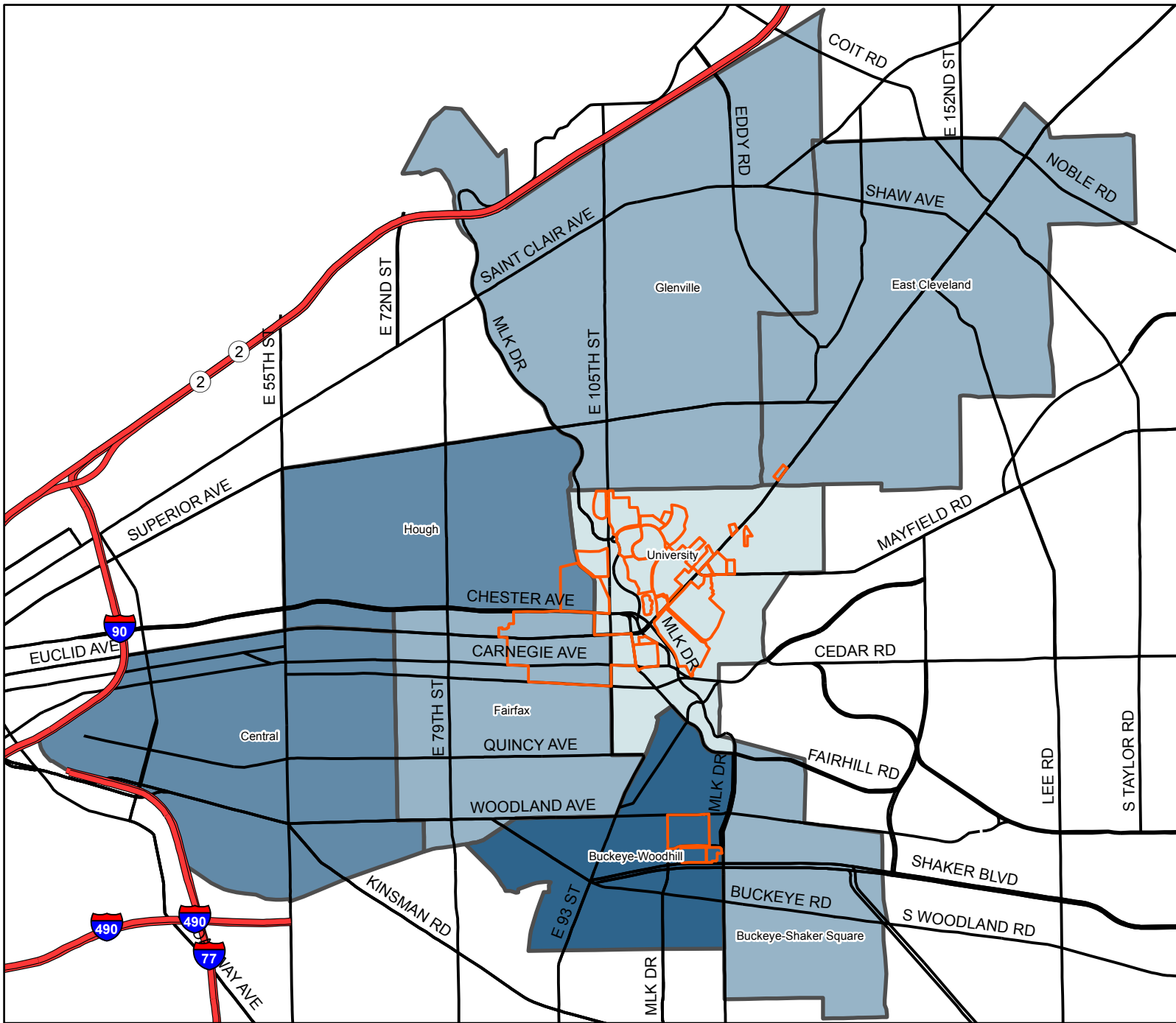
#### 4. Premature Births

Neighborhood	Births < 37 weeks gestation <sup>1</sup>	
	N	%
Buckeye-Shaker Square	32	20.38
Buckeye-Woodhill	45	27.78
Central	73	24.25
Fairfax	18	19.15
Glenville	79	19.95
Hough	43	23.76
University	NA*	NA*
East Cleveland	52	17.69

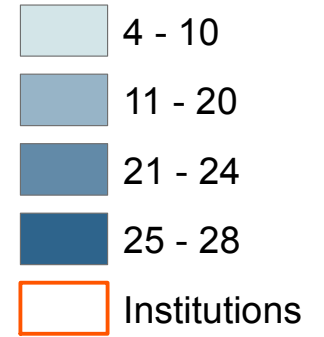
Cleveland	1,061	17.52
Cuyahoga County	2,121	14.06

<sup>1</sup>Source: Ohio Department of Health, Vital Statistics Division

\*We are required by the Ohio Department of Health to suppress any birth related indicator with a count of less than 5 (and its corresponding rate) in any geographic area.



**Percent premature births (<37 weeks)**



**Premature Births  
Greater University Circle**

Oct 13, 2014



## V. Health Screening/Health Care Use

### 1. Newborn Home Visits

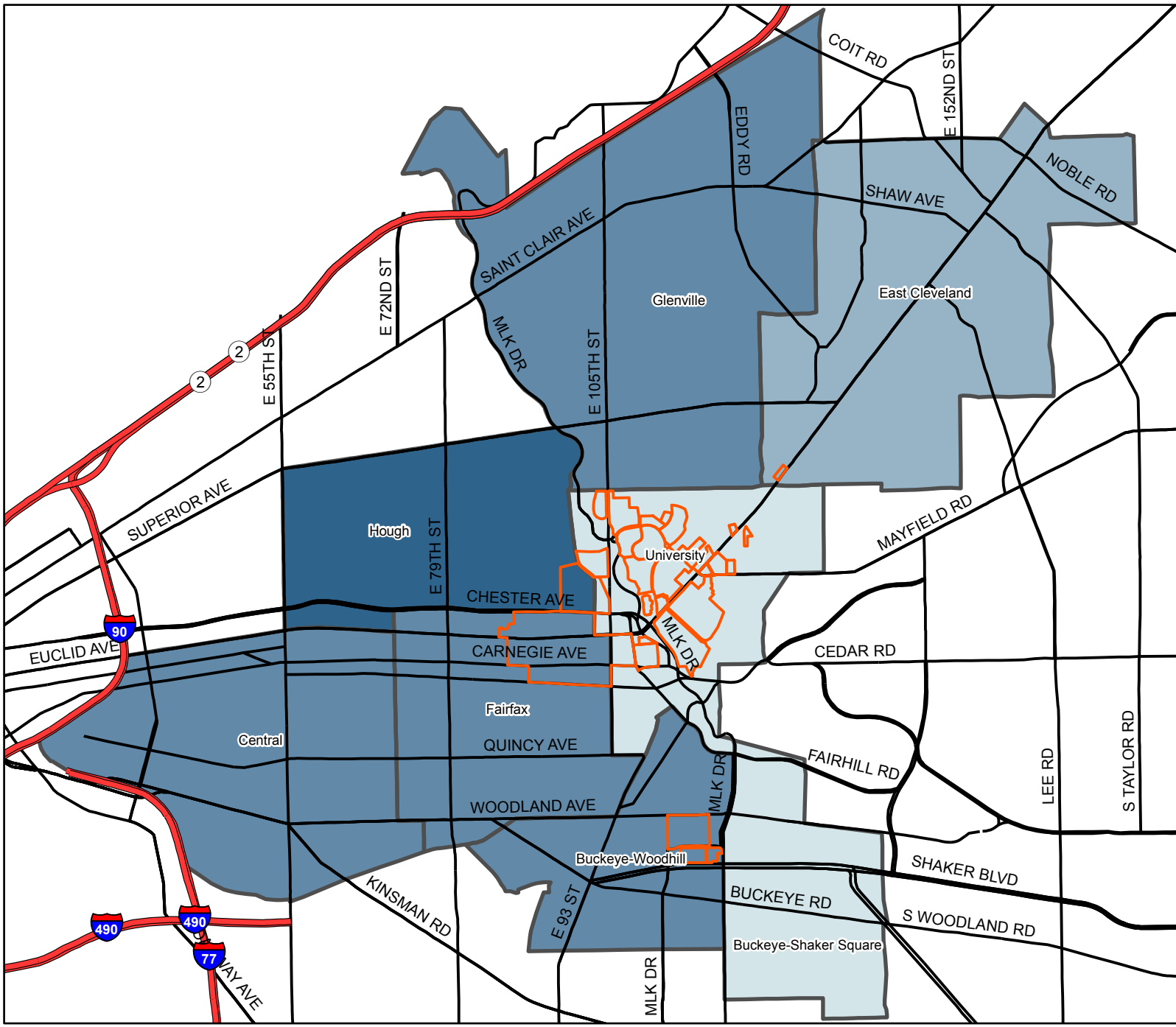
Neighborhood	Newborn Home Visits <sup>1,2</sup> (Children < 1 year)	
	N	%
Buckeye-Shaker Square	15	11.8
Buckeye-Woodhill	26	24.29
Central	71	25.41
Fairfax	18	24.62
Glenville	78	22.92
Hough	41	27.23
University	NA	NA
East Cleveland	43	19.52
Cleveland	843	17.34
Cuyahoga County	1,214	8.57

Sources: Cuyahoga County Board of Health, Welcome Home Newborn Visiting Program ; U.S. Census Bureau, Census 2010 SF1 and 2012 ACS 1-year estimates

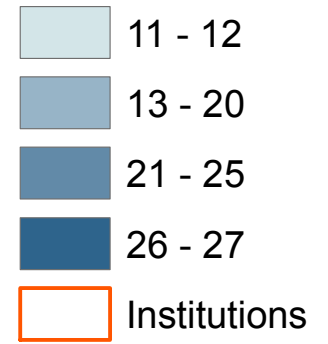
<sup>1</sup>Eligibility for Welcome Home Newborn Visiting is restricted to first-time mother or first-time father with family income less than or equal to 200% of federal poverty level

<sup>2</sup>Number of children used to calculate the percentage is benchmarked to the 2012 population from the ACS 1-year estimates.





**Percent newborns receiving home visits**



**Newborn Home Visits**  
 Greater University Circle  
 Oct 13, 2014



## VI. Healthy Homes

### 1. Age of Housing Units

Neighborhood	Housing Units <sup>1</sup> (1- to 4 family homes)	
	N	Median Age
Buckeye-Shaker Square	3,313	91
Buckeye-Woodhill	1,592	98
Central	754	17
Fairfax	1,626	103
Glenville	8,940	98
Hough	2,404	113
University	610	103
East Cleveland	5,247	96

Cleveland	116,947	92
Cuyahoga County	425,117	61

<sup>1</sup>Source: Cuyahoga County Fiscal Office. Data are preprocessed by the Center for Housing Research and Policy at Cleveland State University

## 2. Housing Stock

Neighborhood	Housing Stock Built Before 1970 <sup>1</sup>	
	N	%
Buckeye-Shaker Square	3,218	97.13
Buckeye-Woodhill	1,407	88.38
Central	186	24.67
Fairfax	1,247	76.69
Glenville	8,324	93.11
Hough	1,980	82.36
University	532	87.21
East Cleveland	5,168	98.49

Cleveland	110,280	94.30
Cuyahoga County	337,269	79.34

<sup>1</sup>Source: Cuyahoga County Fiscal Office. Data are preprocessed by the Center for Housing Research and Policy at Cleveland State University

### 3. Lead Poisoning

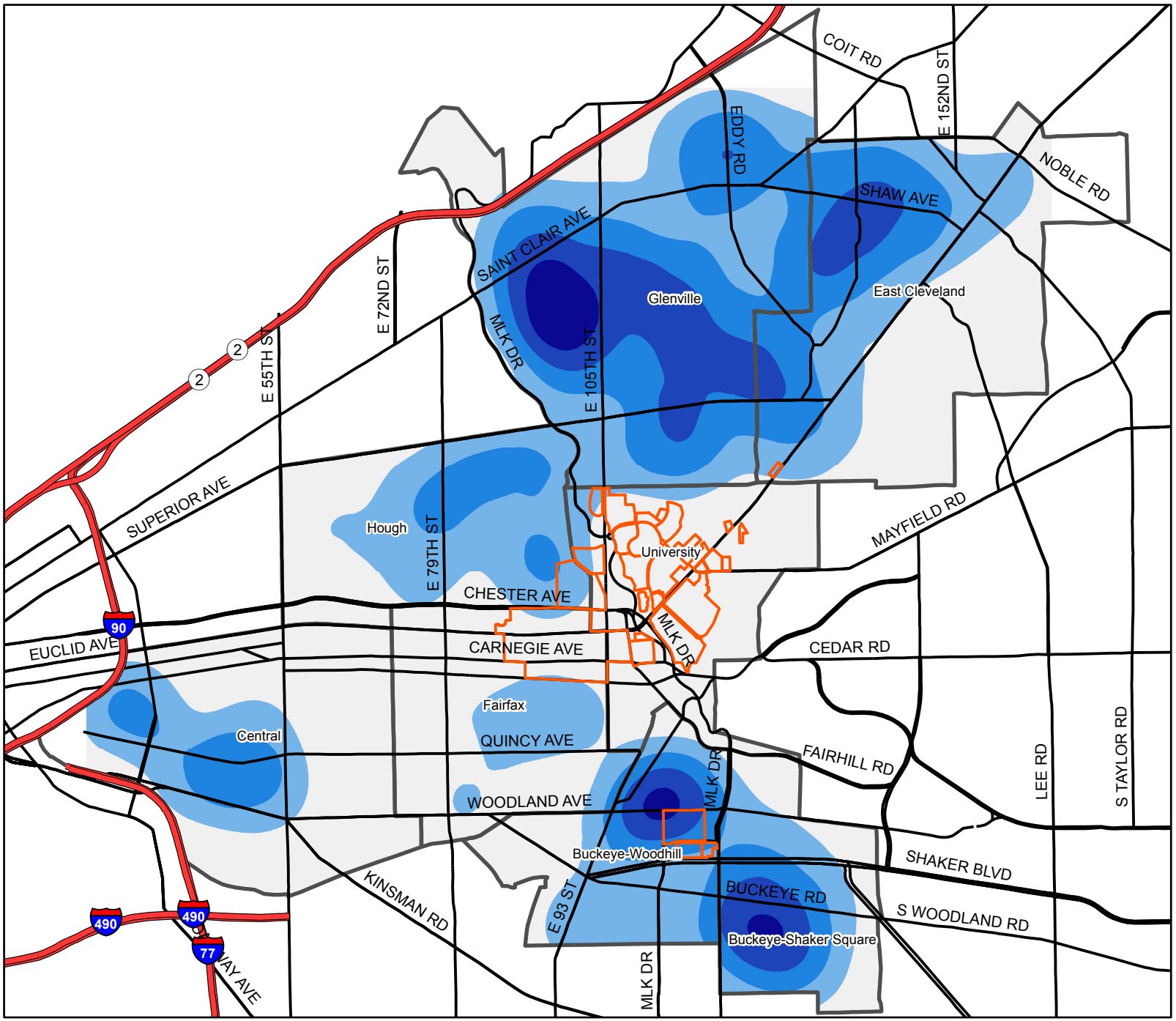
Neighborhood	Children testing positive for lead (of those screened) <sup>2,3*</sup>	
	N	%
Buckeye-Shaker Square	78	21.25
Buckeye-Woodhill	78	23.01
Central	62	6.99
Fairfax	39	16.81
Glenville	270	25.45
Hough	88	18.45
University	6	7.69
East Cleveland	142	26.30

Cleveland	2,183	17.39
Cuyahoga County	2,765	12.45

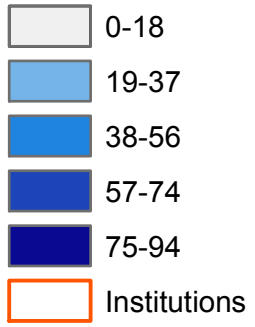
<sup>2</sup>Source: Ohio Department of Health, 2013

<sup>3</sup>Lead poisoning was calculated using the number of positive blood lead tests (N) divided by all tests given. Elevated blood lead levels were defined using the criteria of  $\geq 5\mu\text{g}/\text{dl}$ .

\*This study includes data provided by the Ohio Department of Health which should not be considered an endorsement of this study or its conclusions.



**Positive blood lead tests, density per square mile**



**Lead Poisoning**  
 Greater University Circle  
 Oct 14, 2014

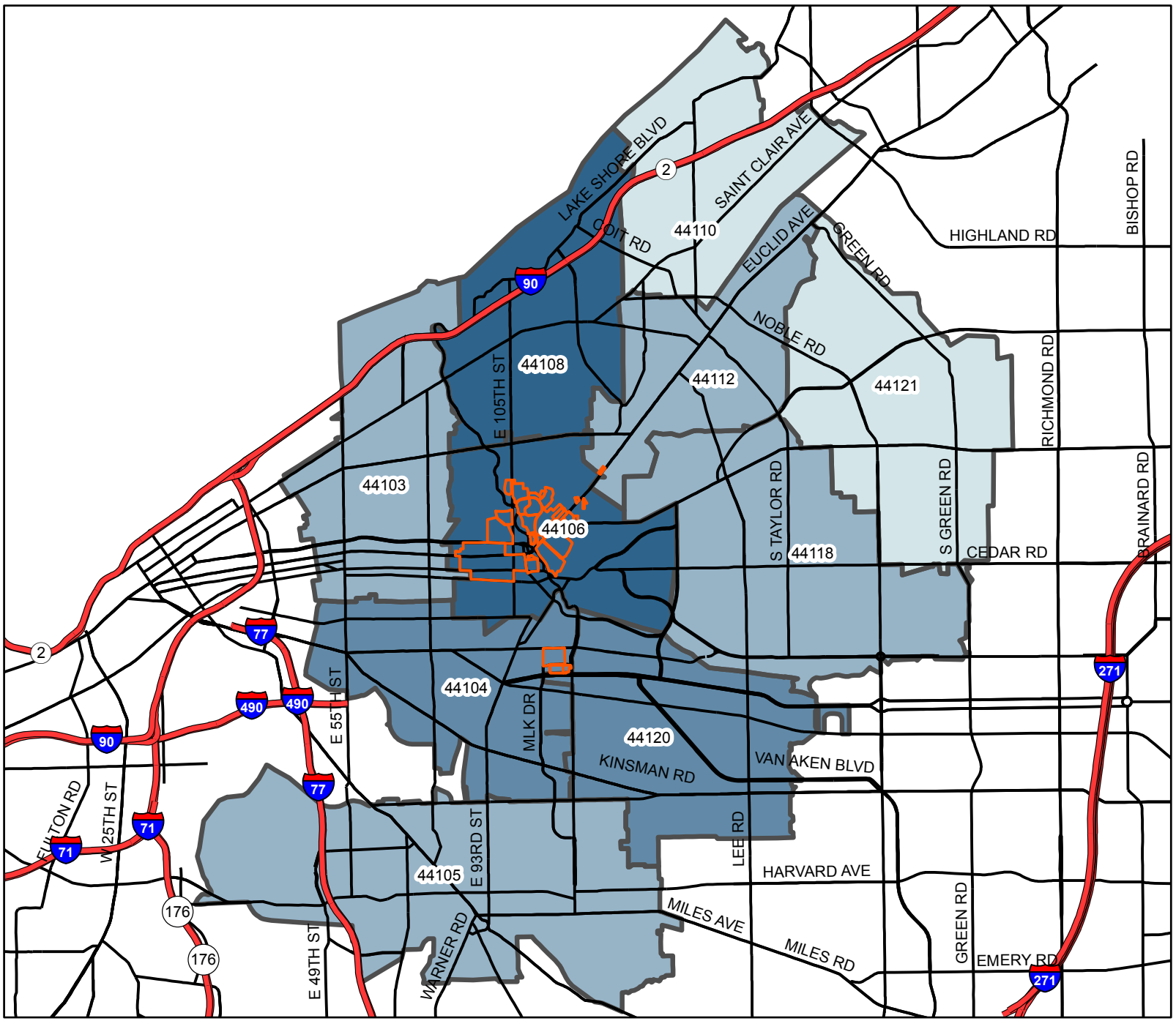


## VII. UH Case Medical Center Emergency Department Visits

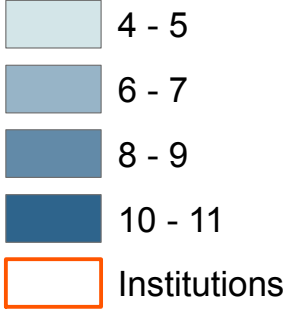
Zip Code	Emergency Department Visits in Zip Code (as percent of all visits) <sup>1</sup>		Total Population <sup>2</sup>
	N	%	N
44108	2,826	11.4	25,679
44106	2,528	10.2	26,896
44120	2,205	8.9	38,196
44104	1,988	8.0	22,640
44103	1,818	7.4	18,123
44112	1,634	6.6	23,073
44118	1,614	6.5	40,438
44105	1,553	6.3	40,089
44110	977	4.0	20,136
44121	899	3.6	33,220

<sup>1</sup>Source: UH Case Medical Center Community Needs Assessment, nine months ended September 30, 2010

<sup>2</sup>Source: U.S. Census Bureau, 2010



**Percent of total emergency department visits**



**Emergency Department Visits**  
UH Case Medical Center Service Area



