

Maternal and Child Health Data in Central New York

Profiling High Risk Communities

Prepared for the Health Foundation for Western and Central New York

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Introduction

In January 2015, the Health Foundation for Western and Central New York (HFWCNY) created a fund to provide support for small scale projects and promising ideas that address specific maternal and child health needs in high risk communities in Central New York (CNY). High risk communities or “hot spots,” were initially identified in an analysis using data from 2005-2007 births in the region. To obtain a current picture of the high risk communities in the region, the HFWCNY commissioned Dr. Margaret Formica from the Department of Public Health and Preventive Medicine at SUNY Upstate Medical University to update the “hot spot” analysis using the most recently available data from the New York State Department of Health (NYS DOH), births from 2011-2013.

The current analysis includes an assessment of the demographic profiles and maternal and child health outcomes for the 157 zip codes of the eight counties within the CNY target area. Zip code level data from the U.S. Census Bureau (Appendix A) were used to examine demographic characteristics, including:

- Total population
- Percent of population under age five
- Percent of population eighteen and older
- Percent of population sixty-five and older
- Percent of population non-English speaking
- Average family size
- Percent of families below poverty
- Racial and ethnic composition
- Educational levels
- Employment levels

Additionally, zip code level data from the NYS DOH (Appendix B) were used to evaluate maternal and child health outcomes, including:

- Total births
- Teen pregnancy rate
- Teen birth rate
- Prenatal care status
- Low birth weight
- Preterm birth
- Infant death rate

The following report includes tables and maps (Appendix C) detailing the demographic profiles of the zip codes in the target area; highlights those zip codes with poor performance on the six key maternal and child health outcomes; identifies the individual zip codes with the highest concentration of risk; and identifies the congruent high risk zip codes (“hot spots”) where the HFWCNY can focus its funding and efforts.

Methodology

Zip code level data on demographic characteristics were obtained from the *American FactFinder* on the U.S. Census Bureau's website, and utilized data from the 2010 Census and the 2009-2013 American Community Survey 5-Year estimates¹. The NYS DOH provided zip code level data to the HFWCNY on maternal and child health outcomes from 2011-2013². SAS[®] version 8 was used to merge the datasets and conduct all of the analyses.

To identify zip codes with the highest concentration of risk, a risk score was calculated based on performance on five of the six maternal and child health outcomes (teen pregnancy, prenatal care, low birth weight, preterm birth, and infant death rate). For each outcome, one point was given for ranking within the highest quartile of the CNY region. The resulting risk score ranges from 0 to 5 and was categorized as low risk (risk score=0), moderate risk (risk score=1), and high risk (risk score ≥ 2).

Demographic Profiles of Central New York Zip Codes

Central New York is comprised of eight counties that vary in population from 49,227 in Cortland County to 461,919 in Onondaga County. Table 1 displays the population size of each county in the target area.

Table 1. Central New York County Populations

County	Total Population
Cayuga	75,251
Cortland	49,227
Herkimer	56,165
Madison	79,881
Oneida	232,390
Onondaga	461,919
Oswego	122,196
Tompkins	99,220

Table 2 provides an overview of the demographic characteristics of the target area at the zip code level. For several of the variables, the standard deviation is high indicating substantial variability across the zip codes. For example, the mean percent of population that identifies as White is 94.1, however, the percents range from 32.8 to 99.8 across the zip codes. This variability indicates the importance of considering the demographic profile of the specific community for which programs and services will be targeted.

Table 2. Average Demographic Characteristics by Zip Codes in the Service Area

Variable	N	Mean	Standard Deviation	Minimum	Maximum
Total Population	157	7492.03	9759.95	255.0	63886.0
Population < 5 Years (%)	157	5.50	1.32	2.4	12.6
Population ≥ 18 Years (%)	157	77.18	3.42	65.6	89.3
Population ≥ 65 Years (%)	157	14.05	3.06	5.0	24.7
White (%)	157	94.09	10.62	32.8	99.8
Black (%)	157	4.12	9.13	0.0	59.7
Asian (%)	157	1.40	2.18	0.0	13.7
American Indian or Alaskan Native (%)	157	1.16	2.09	0.0	25.9
Other (%)	157	0.86	1.11	0.0	8.7
Hispanic (%)	157	2.23	2.25	0.0	18.4
Average Family Size	157	2.99	0.12	2.58	3.28
High School Graduate or Higher (%)	157	88.83	6.00	57.8	98.2
Bachelor's Degree or Higher (%)	157	23.86	11.87	0.0	64.4
Speaks a Foreign Language at Home (%)	157	5.66	5.42	0.0	35.3
Participating in the labor force (%)	157	63.46	7.59	36.4	84.2
Families Below poverty level (%)	157	12.95	10.21	0.0	84.3

Maternal and Child Health Outcomes by Zip Code

Maternal and child health outcomes were analyzed across 157 zip codes in CNY and compared to national averages. For each outcome, the zip codes were ranked and divided into quartiles. For zip codes with relatively few total births and generally lower total population, each birth will have a greater impact on the outcome. For 12 zip codes, teen pregnancy rates and births were suppressed because there were fewer than 30 female residents ages 15-19.

The following section presents the results of the six key maternal and child health outcomes.

Teen Pregnancy Rates

Teen pregnancy rates are calculated by the number of pregnancies per 1000 females age 15 to 19 years and the data for the CNY region are presented in Table 3. The highest quartile for CNY's teen pregnancy rate (≥ 36.0 pregnancies per 1000 females age 15-19) is substantially lower than the national average (57.4 pregnancies per 1000 females age 15-19). Thirteen zip codes in CNY were above the national average, indicating that CNY is performing well in comparison with the nation. The zip code with the highest teen pregnancy rate for the region was 13205 in the city of Syracuse in Onondaga County with 127.6 pregnancies per 1000 females age 15-19. Both Oneida and Onondaga counties have 10 zip codes

in the highest quartile of teen pregnancy rates for the region. Three counties have no zip codes with teen pregnancy rates above the national average, but have at least one zip code in the highest quartile. Tompkins County has no zip codes above the national average or in the highest quartile of the region.

Table 3. Zip Codes with High Teen Pregnancy Rates by County

County	Total Number of Zip Codes	Number of Zip Codes above National Average (>57.4) ³	Zip Codes above National Average	Number of Zip Codes in the Highest Quartile of CNY (≥ 36.0)
Cayuga	14	0		3
Cortland	6	0		2
Herkimer	10	1	13338	4
Madison	19	0		3
Oneida	32	2	13501,13502	10
Onondaga	38	9	13120, 13211, 13203,13224, 13208, 13207, 13202, 13204, 13205	10
Oswego	18	1	13144	5
Tompkins	8	0		0
Total	145*	13		37

*12 Zip Codes were missing teen pregnancy rate data.

Teen Birth Rates

Teen birth rate is defined as number of births per 1000 females age 15-19 years. As indicated in Table 4, the highest quartile for CNY's teen birth rate (≥ 26.5 births per 1000 females age 15-19) is equal to the national average (26.5 births per 1000 females age 15-19). Thirty-six zip codes in the region are above the national average and all but one county (Tompkins) has a zip code above the national average. The zip code with the highest teen birth rate is 13204 in the city of Syracuse in Onondaga County at 83.1 births per 1000 females age 15-19. Onondaga and Oneida Counties again have the highest number of zip codes in the top quartile for the region, although Oswego County contributed 7 zip codes. Tompkins County has no zip codes in the highest quartile for the region.

Table 4. Zip Codes with High Teen Birth Rates by County

County	Total Number of Zip Codes	Number of Zip Codes above National Average (>26.5)⁴	Zip Codes above National Average	Number of Zip Codes in the Highest Quartile of CNY (≥ 36.0)
Cayuga	14	2	13021, 13140	2
Cortland	6	2	13040, 13803	2
Herkimer	10	4	13350, 13407, 13357, 13338	4
Madison	19	2	13332, 13402	2
Oneida	32	9	13417, 13477, 13316, 13440, 13363, 13042, 13502, 13318, 13501	10
Onondaga	38	10	13206, 13120, 13224, 13211, 13207, 13203, 13208, 13202, 13205, 13204	10
Oswego	18	7	13131, 13114, 13076, 13167, 13302, 13069, 13144	7
Tompkins	8	0		0
Total	145*	36		37

*12 Zip Codes were missing teen birth rate data.

Timing of Prenatal Care

The service area is performing exceptionally well with respect to timing of entry into prenatal care (Table 5). Timing of prenatal care is assessed by the percent of women entering prenatal care late (in the 3rd trimester) or not at all. The cutoff for the highest quartile for the region is 5.6 percent, which is far below the national average of 26.3 percent of pregnant women entering prenatal care late or not at all. There are only 2 zip codes above the national average, 13081 (King Ferry in Cayuga County) and 13361 (Jordanville in Herkimer County). The poorest performing zip code in the region with respect to timing of prenatal care is 13361, with 31.3 percent of women entering into prenatal care late or not at all. Four counties have the majority of zip codes in the highest quartile of late or no prenatal care, Herkimer, Madison, Oneida and Onondaga, each contributing 7 or 8 zip codes.

Table 5. Zip Codes with High Percent of Late or No Prenatal Care by County

County	Total Number of Zip Codes	Number of Zip Codes above National Average (>26.3)⁵	Zip Codes above National Average	Number of Zip Codes in the Highest Quartile of CNY (≥ 5.6)
Cayuga	14	1	13081	2
Cortland	8	0		1
Herkimer	14	1	13361	7
Madison	20	0		8
Oneida	35	0		8
Onondaga	38	0		3
Oswego	20	0		7
Tompkins	8	0		5
Total	157	2		41

Low Birth Weight

Low birth weight is assessed by the percent of births weighing between 100-2499 grams and the data for the region are presented in Table 6. Zip codes in the highest quartile of percent of babies born low birth weight for the region ($\geq 8.5\%$) are all above the national average of 8.0%, indicating that the CNY region is performing poorly compared to the nation. The region has 49 zip codes with percent of low birth weight births greater than the national average. Oneida and Onondaga Counties contributed 15 and 13 of those zip codes, respectively. The zip code with the highest percent of low birth weight births is in Bouckville, Madison County (13310) with 15.4% of babies born low birth weight. Oneida and Onondaga Counties also contributed the most zip codes in the highest quartile of the region, with 12 each.

Table 6. Zip Codes with High Percentage of Low Birth Weight by County

County	Total Number of Zip Codes	Number of Zip Codes above National Average (>8.0) ⁴	Zip Codes above National Average	Number of Zip Codes in the Highest Quartile of CNY (≥ 8.5)
Cayuga	14	3	13034, 13081, 13166	3
Cortland	8	2	13101, 13863	2
Herkimer	14	3	13324, 13340, 13406	3
Madison	20	4	13030, 13082, 13310, 13418	4
Oneida	35	15	13042, 13054, 13308, 13363, 13417, 13424, 13440, 13461, 13471, 13476, 13483, 13486, 13490, 13501, 13502	12
Onondaga	38	13	13063, 13080, 13084, 13159, 13202, 13203, 13204, 13205, 13206, 13207, 13208, 13214, 13224,	12
Oswego	20	8	13028, 13036, 13069, 13074, 13076, 13114, 13132, 13135	4
Tompkins	8	1	14867	0
Total	157	49		40

Preterm Birth

Percent of preterm births is defined as the percentage of births that occurred prior to 37 weeks gestation. The cutoff for the highest quartile of percent of preterm birth for CNY (12.3) is higher than the national average of 11.4%, indicating poor performance in the region for this outcome (Table 7). Fifty-seven zip codes in the region have percent of preterm birth higher than the national average. Oneida and Onondaga counties have the highest number of zip codes with percents above the national average at 15 and 11, respectively. The zip code with the highest percent of preterm birth for the region is in Mallory, Oswego County (13103) at 22.2 percent. Oneida County fared the worst with respect to preterm births with 11 zip codes in the highest quartile for the region.

Table 7. Zip Codes with High Percent of Preterm Birth by County

County	Total Number of Zip Codes	Number of Zip Codes above National Average (> 11.4) ⁴	Zip Codes above National Average	Number of Zip Codes in the Highest Quartile of CNY (≥ 12.3)
Cayuga	14	5	13033, 13071, 13081, 13140, 13166	3
Cortland	8	4	13101, 13158, 13803, 13863	3
Herkimer	14	4	13324, 13340, 13407, 13420	3
Madison	20	7	13052, 13082, 13122, 13310, 13402, 13418, 13485	5
Oneida	35	15	13054, 13308, 13328, 13354, 13417, 13424, 13440, 13461, 13469, 13471, 13483, 13490, 13495, 13501, 13502	11
Onondaga	38	11	13029, 13063, 13066, 13159, 13202, 13204, 13205, 13207, 13208, 13214, 13224,	7
Oswego	20	9	13028, 13074, 13103, 13114, 13135, 13142, 13167, 13302, 13493	7
Tompkins	8	2	14867, 14882	2
Total	157	57		41

Infant Death Rate

The infant death rate is defined as the number of deaths under the age of 12 months per 1000 live births. The data for the region are displayed in Table 8. Zip codes in the highest quartile of infant death rate for the region (≥ 8.3 per 1000 live births) are all above the national average of 6.0 per 1000 live births, indicating that the region is performing poorly compared to the nation with respect to infant deaths. The region has 55 zip codes with an infant death rate higher than the national average.

Onondaga County has the highest number of zip codes above the national average (16), with Oneida County following with ten. Seventy-nine zip codes have no infant deaths during the three-year time period. However, zip code 13083 (Lacona, Oswego County) has an infant death rate of 32.3 per 1000 live births, the highest in the region. Oneida County has the highest number of zip codes in the top quartile of the region (9), with Onondaga and Oswego Counties following closely behind with 8 each.

Table 8. Zip Codes with High Infant Death Rate by County

County	Total Number of Zip Codes	Number of Zip Codes above National Average (> 6.0)⁶	Zip Codes above National Average	Number of Zip Codes in the Highest Quartile of CNY (≥ 8.3)
Cayuga	14	6	13021, 13033, 13034, 13092, 13118, 13160	4
Cortland	8	5	13040, 13045, 13077, 13101, 13803	2
Herkimer	14	2	13357, 13365	2
Madison	20	6	13030, 13032, 13052, 13082, 13346, 13485	5
Oneida	35	10	13054, 13308, 13309, 13456, 13471, 13480, 13492, 13495, 13501, 13502	9
Onondaga	38	16	13031, 13041, 13057, 13078, 13084, 13108, 13120, 13202, 13203, 13205, 13207, 13210, 13212, 13214, 13219, 13224	8
Oswego	20	8	13074, 13076, 13083, 13114, 13131, 13144, 13145, 13167	8
Tompkins	8	2	14867, 14882	2
Total	157	55		40

Concentration of Risk by Zip Code

Table 9 displays each of the zip codes in the CNY region that is classified as high risk (risk score ≥ 2). A high risk zip code is defined as ranking in the highest quartile of the region for at least 2 of 5 maternal and child health outcomes (teen pregnancy rate, prenatal care, low birth weight, preterm birth, and infant death rate). Table 9 also indicates in which of the five outcomes the zip codes performed poorly. The region has 57 zip codes classified as high risk. All of the counties have at least one high risk zip code and Oneida County has the most with thirteen.

Table 9. Summary of Key Outcomes in High Risk Zip Codes*

County	Zip Code	Teen Pregnancy Rate	Late/No Prenatal Care	Low Birth Weight	Preterm Birth	Infant Mortality Rate
Cayuga	13034			✓		✓
Cayuga	13081		✓	✓	✓	
Cayuga	13166			✓	✓	
Cortland	13040	✓				✓
Cortland	13101			✓	✓	✓
Cortland	13803	✓	✓		✓	
Cortland	13863			✓	✓	
Herkimer	13324			✓	✓	
Herkimer	13338	✓	✓			
Herkimer	13340			✓	✓	
Herkimer	13357	✓				✓
Herkimer	13365		✓			✓
Herkimer	13406		✓	✓		
Herkimer	13407	✓			✓	
Madison	13030			✓		✓
Madison	13052		✓		✓	✓
Madison	13082			✓	✓	✓
Madison	13310			✓	✓	
Madison	13332	✓	✓			
Madison	13402	✓	✓		✓	
Madison	13418			✓	✓	
Madison	13485		✓			✓
Oneida	13042	✓		✓		
Oneida	13054			✓	✓	✓
Oneida	13308	✓	✓	✓	✓	
Oneida	13363		✓	✓		
Oneida	13424			✓	✓	
Oneida	13461			✓	✓	
Oneida	13469		✓		✓	
Oneida	13471			✓	✓	✓
Oneida	13476	✓		✓		

County	Zip Code	Teen Pregnancy Rate	Late/No Prenatal Care	Low Birth Weight	Preterm Birth	Infant Mortality Rate
Oneida	13483		✓	✓	✓	
Oneida	13495	✓			✓	✓
Oneida	13501	✓	✓	✓	✓	✓
Oneida	13502	✓		✓	✓	✓
Onondaga	13063			✓	✓	
Onondaga	13084			✓		✓
Onondaga	13120	✓				✓
Onondaga	13202	✓		✓	✓	✓
Onondaga	13203	✓		✓		
Onondaga	13204	✓	✓	✓	✓	
Onondaga	13205	✓	✓	✓	✓	✓
Onondaga	13206	✓		✓		
Onondaga	13207	✓		✓	✓	✓
Onondaga	13208	✓	✓	✓	✓	
Onondaga	13224	✓		✓	✓	
Oswego	13028			✓	✓	
Oswego	13074			✓	✓	✓
Oswego	13076	✓				✓
Oswego	13131		✓			✓
Oswego	13135	✓		✓	✓	
Oswego	13142		✓		✓	
Oswego	13144	✓	✓			✓
Oswego	13167				✓	✓
Oswego	13302	✓	✓		✓	
Tompkins	14867		✓		✓	✓
Tompkins	14882				✓	✓
		26	22	36	38	26

*Check marks indicate the zip code is in the highest quartile for that outcome

Common combinations of poor outcomes at the zip code level were also evaluated; Table 10 displays the top five combinations identified. Low birth weight and preterm birth are the most frequent combination with 27 zip codes sharing the two outcomes. The four other combinations listed were similar in the frequency of zip codes sharing the outcomes and much lower than the first combination.

Additionally, logistic regression analyses controlling for poverty were conducted to determine the outcomes that were most predictive of high risk. Preterm birth and low birth weight were the outcomes found to be most predictive of a high risk score.

Table 10. Common Combinations of Poor Outcomes in High Risk Zip Codes

Outcome Combination	Number of Zip Codes with the Outcome Combination
Low Birth Weight and Preterm Birth	27
Teen Pregnancy Rate and Preterm Birth	15
Preterm Birth and Infant Death Rate	15
Low Birth Weight and Teen Pregnancy Rate	14
Preterm Birth and Late/No Prenatal Care	14

Demographic characteristics were compared between zip codes classified as high risk and zip codes classified as low or moderate risk (Table 11). High risk zip codes are more racially diverse, less educated, and have a higher percentage of families living in poverty than the other zip codes. Surprisingly, the two groups are similar with respect to participation in the labor force.

Table 11. Demographic Characteristics of High Risk and Low/Moderate Risk Zip Codes

Variable	High Risk Zip Codes (N=57)	Low/Moderate Risk Zip Codes (N=100)
Percent White*	91.0	95.8
Percent High School Education*	86.8	90.0
Percent in Labor Force	63.3	63.6
Percent of Families in Poverty	14.8	11.9

*p<0.05

Hot Spot Analysis

The 57 zip codes identified as high risk were included in the hot spot analysis. Hot spots were defined as at least 2 contiguous zip codes with the following characteristics:

1. Percent of families in poverty greater than or equal to 12.9 (mean for the CNY region) **AND**
2. High risk score

Five hot spots (comprising 24 zip codes) of increased risk for poor maternal and child health outcomes were identified:

Table 12. Hot Spots of Poor Maternal and Child Health Outcomes in CNY (2011-2013)

Hot Spot	Zip Code	Risk Score	Infant Death Rate	Low Birth Weight	Preterm Birth	Late or No Prenatal Care	Teen Pregnancy Rate	Percent Poverty	Total Births
Oneida County									
1. Utica	13501	5	X	X	X	X	X	29	3,244
	13502	4	X	X	X		X	23	
2. Cleveland, Durhamville, Blossvale, Lee Center, Taberg	13042	2		X			X	17	463
	13054	3	X	X	X			20	
	13308	4		X	X	X	X	16	
	13363	2		X		X		14	
	13471	3	X	X	X			21	
Oswego County									
3. Parish, Pulaski, Richland, Altmar	13131	2	X			X		17	469
	13142	2			X	X		18	
	13144	3	X			X	X	16	
	13302	3			X	X	X	22	
Herkimer County									
4. Cold Brook, Frankfort, Ilion, Little Falls, Mohawk	13324	2		X	X			13	1,134
	13340	2		X	X			14	
	13357	2	X				X	17	
	13365	2	X			X		19	
	13407	2			X		X	13	

Hot Spot	Zip Code	Risk Score	Infant Death Rate	Low Birth Weight	Preterm Birth	Late or No Prenatal Care	Teen Pregnancy Rate	Percent Poverty	Total Births
Onondaga County									
5. Syracuse	13202	4	X	X	X		X	58	6,141
	13203	2		X			X	39	
	13204	4		X	X	X	X	39	
	13205	5	X	X	X	X	X	34	
	13206	2		X			X	18	
	13207	4	X	X	X		X	27	
	13208	4		X	X	X	X	32	
	13224	3		X	X		X	17	

Additionally, there are five high risk zip codes that exceed the mean poverty level for the region, but are not adjacent to another high risk, high poverty zip code:

Table 13. Non-congruent Zip Codes of Poor Maternal and Child Health Outcomes in CNY (2011-2013)

County	Zip Code	Risk Score	Infant Death Rate	Low Birth Weight	Preterm Birth	Late or No Prenatal Care	Teen Pregnancy Rate	Percent Poverty	Total Births
Madison County									
Earlville	13332	2				X	X	14	115
Madison	13402	3			X	X	X	13	143
West Edmeston	13485	2	X			X		16	51
Cayuga County									
King Ferry	13081	3		X	X	X		14	34
Oswego County									
Hannibal	13074	3	X	X	X			13	144

References

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6. National Center for Health Statistics, Centers for Disease Control, Mortality FastStats, Deaths: Final Data for 2013. Retrieved May 20, 2015 from <http://www.cdc.gov/nchs/deaths.htm>.

Appendix A

County	Zip Code	Total Population	Age (%)			Race / Ethnicity (%)						Family Size	Education (%)		Speaks Foreign Language at Home (%)	Participation in Labor Force (%)	Families Below Poverty Level (%)
			Less than 5	Less than 18	At least 65	White	Black	AIAN	Asian	Other	Hispanic		At least High School	Bachelor's Degree or Higher			
Cayuga	13021	39506	5.7	22	17.5	94.9	5.2	0.8	0.8	0.9	2.2	2.9	87.7	22.5	5	64	14.5
Cayuga	13026	1914	3.9	15.8	14.4	96.8	2.5	1.4	1.4	0.8	2.8	2.96	93.4	38.1	6.2	62.5	7.4
Cayuga	13033	3556	5.8	24.2	11.7	97.6	0.9	1.2	0.2	0.2	0.8	3.07	88.6	19.5	1.5	69.1	11.1
Cayuga	13034	1989	4.9	21.7	16.1	99.1	0.6	0.5	0.5	0.2	0.9	2.92	90.1	19.6	3.5	64.2	6.2
Cayuga	13071	1023	6.2	22.3	13.7	98.1	0.9	0.6	0.5	0.8	1.7	2.93	89.9	19.2	2.3	70	8.9
Cayuga	13081	1169	4	20.6	15.9	96.2	0.8	0.9	0.5	3.4	4.3	2.81	91.4	32.1	3.2	61.6	13.5
Cayuga	13092	2606	6	22.4	12.7	97.1	1.1	0.8	1.1	0.9	1.7	2.95	86.9	16.3	8.9	68.6	10.2
Cayuga	13111	1700	5.1	25	10.4	98	0.8	1.9	0.5	0.3	0.7	3.13	87.1	8.5	0.5	49.8	24.5
Cayuga	13118	6382	5.6	19.1	12.4	88.7	9.5	0.8	0.3	1.3	2.6	2.95	82	14.2	4.6	50.7	8.9
Cayuga	13140	4488	5.1	23.6	13.8	98.5	1.2	0.8	0.2	0.8	1.4	2.95	83.6	10.8	2.6	67.2	14
Cayuga	13147	1281	3.9	20.7	12.3	93.7	0.8	0.2	0.5	5.7	8	3.01	88.1	15.8	8.1	74.2	8
Cayuga	13156	2000	3.9	20.8	16.6	98.9	0.4	1.2	0.4	0.1	1.2	2.78	89.9	21.4	3.2	56.2	16.4
Cayuga	13160	2027	4.3	23	16.9	96	1.5	0.3	0.9	2.3	3.4	2.91	91.9	19.7	2.3	67.6	7.7
Cayuga	13166	5610	5.6	23.1	13.9	98.6	0.8	0.7	0.9	0.4	1.1	2.97	88.9	19.1	2	69.9	7
Cayuga	Average	5375.07	5.00	21.74	14.16	96.59	1.93	0.86	0.62	1.29	2.34	2.95	88.54	19.77	3.85	63.97	11.31
Cortland	13040	2758	6	25	14.2	98.3	1	0.8	0.5	0.7	2.3	3.03	90.6	15.7	1.9	65.5	11.9
Cortland	13045	30112	5.2	18.9	12.4	95.6	3.2	1	1.4	1	2.6	2.93	90.4	26.5	4.8	58.2	18
Cortland	13077	6735	5.9	24.8	14.7	97.8	0.9	0.6	1.1	0.9	1.4	2.98	90.3	24.2	3.6	71.8	8.2
Cortland	13101	2508	6.9	24.3	14.3	98.6	1	1.4	0.6	0.2	0.8	2.93	88.1	13.7	5.7	67.6	11.1
Cortland	13141	596	6.7	20.8	14.8	99	0.2	0.7	0.3	0	1.7	2.99	83.9	18	3.2	74.7	29.9
Cortland	13158	1855	5.4	25.9	11.8	98.7	1.2	1.3	0.7	0.4	2.3	3.1	85.4	13.5	1.9	62.5	10.8
Cortland	13803	3975	5.9	24.7	13.9	98.5	0.8	0.5	0.5	0.6	1.7	3.01	91.3	15.5	5.6	66.1	8.1
Cortland	13863	688	8.6	28.6	12.8	98	1.6	1.6	0.3	1	2	3.21	87.4	7.5	1.6	65.2	9.2
Cortland	Average	6153.38	6.33	24.13	13.61	98.06	1.24	0.99	0.68	0.60	1.85	3.02	88.43	16.83	3.54	66.45	13.40
Herkimer	13322	1076	5.6	21.1	11.7	98.5	0.9	0	0.5	0.4	1.1	2.96	87.2	23.5	2.1	61.9	11.6
Herkimer	13324	2149	5.4	22.5	13.2	98.7	0.2	0.7	0.6	0.1	1	2.92	88.9	14.7	2.7	62.2	13.2
Herkimer	13338	1206	5.6	19.8	17.2	99.1	0.6	0.9	0.7	0.2	0.6	2.74	92.9	11.5	1.3	49.2	10.8
Herkimer	13340	8205	4.8	22.7	16.1	98.5	1.4	0.3	0.7	0.5	1.4	2.98	86.8	18.7	7.4	64.3	13.5
Herkimer	13350	10093	5.4	19.5	19.8	94.4	4.3	0.6	1.1	1	2.8	2.88	88.1	20.7	9.8	55.7	20.5
Herkimer	13357	11096	6.3	23.7	15.4	97.4	2	0.8	0.8	0.6	2.2	2.95	89.6	22	3.8	61.9	17
Herkimer	13361	824	5.6	26.9	17	98.2	1.5	0.2	0.4	0	0.2	3.28	89.9	20.4	17	65.9	5.2
Herkimer	13365	8906	5.9	23.7	16.2	98.6	1	0.5	0.7	0.4	1	3.01	87	21	4.1	63.8	18.6
Herkimer	13406	725	5.2	21.1	16.8	99.4	1.1	0.1	0.8	0	1.1	2.95	92.7	20.4	1.8	62.1	7.3
Herkimer	13407	5453	5.2	21.4	17.3	98.6	1.3	0.8	0.5	0.2	1.3	2.89	88.1	17.3	2.9	60.1	13.4
Herkimer	13416	2271	5.6	24.1	14.4	99	1.1	0.3	0.3	0.2	0.9	3.04	91.5	14.8	3.3	62.3	5.6
Herkimer	13420	1266	2.7	14.4	22.8	98.7	0.8	1.3	0.3	0.2	1.3	2.58	93.4	38.9	4.1	63.4	3
Herkimer	13431	2069	5.5	24.2	15.2	99.3	0.4	1	0	0	1.4	3.07	91.2	30.1	4.1	64.9	13.5
Herkimer	13454	826	4.8	23.7	14	98.3	0.7	0.2	0.4	1.7	2.7	3.12	78	9.5	4.1	57.3	16.3
Herkimer	Average	4011.79	5.26	22.06	16.22	98.34	1.24	0.55	0.56	0.39	1.36	2.96	88.95	20.25	4.89	61.07	12.11
Madison	13030	3892	4.9	19.9	15.6	97.6	1.2	1.2	0.9	0.4	1.1	2.82	92	20.5	3.3	69.2	4.8
Madison	13032	12790	5.9	23.3	14.4	97.8	1.4	1.2	0.6	0.4	1.4	2.94	88.1	20.2	2.1	63.9	10.8
Madison	13035	8617	4	22.1	14.9	97.8	1.4	0.7	0.8	0.5	1.7	2.96	95	45.2	4.2	54.3	6.8
Madison	13037	8897	5.8	23.9	14.3	98.1	1.6	1	0.7	0.3	1.6	2.95	89.7	27.7	1.5	66.2	10.1
Madison	13052	1679	6.7	23.6	16.6	99.1	0.5	0.7	0.2	0.2	0.8	2.92	92.6	19.1	1.4	61.1	11.4
Madison	13061	1040	3.8	19.3	13.2	98.9	0.1	0.7	0.2	0.7	1.2	2.84	94	37.9	0.3	62.7	11.7

County	Zip Code	Total Population	Age (%)			Race / Ethnicity (%)						Family Size	Education (%)		Speaks Foreign Language at Home (%)	Participation in Labor Force (%)	Families Below Poverty Level (%)
			Less than 5	Less than 18	At least 65	White	Black	AIAN	Asian	Other	Hispanic		At least High School	Bachelor's Degree or Higher			
Madison	13072	1123	4.9	21.4	11.8	89.6	9.1	0.6	0.8	0.4	3.7	3.11	83.1	11.1	6.5	48.1	22
Madison	13082	4871	4	20.5	17.8	98.6	0.7	1	0.3	0.5	1	2.93	89.5	18	3.4	62	9.2
Madison	13122	1174	6.2	29.3	11.8	98.5	0.6	0.7	0.3	0.7	2.2	3.24	94.1	24.1	5	61.9	8
Madison	13310	624	8.3	26.1	14.6	98.4	1.1	0.5	0.3	0	1.1	3.13	88.6	24.3	0	82.9	0
Madison	13332	2460	6.5	25.3	15	98.8	1.1	0.7	0.2	0.2	1.4	3.03	90.5	28.9	1.4	62.6	13.5
Madison	13334	1374	5.9	25	12.4	98.3	1.4	0.6	0.7	0.2	1.2	3.11	83.9	11.7	0	62.5	8.1
Madison	13346	6735	3.2	11	12.4	92	4.1	0.4	4.8	1.1	3.5	2.78	92.5	47	10.1	46	12.8
Madison	13355	905	7.8	29.4	11.6	98.1	1.5	0.8	0.4	1	1.1	3.14	89.5	13.2	1.6	56.1	14.5
Madison	13402	1534	6	23.9	14.1	99	0.6	0.3	0.6	0.4	1.7	2.95	89.1	15.4	2.4	50.5	22.5
Madison	13408	4280	3.5	14.2	10.2	84.1	13.6	1.1	1.3	1.9	4.3	3.02	86.1	22	9.1	37.1	16.6
Madison	13409	2374	6.3	25.4	12.3	97.4	0.6	2.2	0.5	0.1	0.9	3	91.6	14.1	0.6	63.1	16.5
Madison	13418	255	7.5	26.3	9.4	98.4	0.8	1.6	0	1.2	1.2	3.23	95.5	12.8	0	55.3	1.6
Madison	13421	14125	6.2	23.6	14.9	95.9	1.6	2.6	1	0.5	1.3	2.97	90.6	22.2	4.7	61.7	14.6
Madison	13485	1132	4.7	22.6	15	97.7	0.3	1.3	0.6	0.5	1.1	2.93	84.6	11.1	1.1	66.9	16.4
Madison	Average	3994.05	5.61	22.81	13.62	96.71	2.17	1.00	0.76	0.56	1.68	3.00	90.03	22.33	2.94	59.71	11.60
Oneida	13042	2356	5.6	23.9	13.9	98.3	0.5	1.3	0.6	0.2	0.6	2.98	87.1	13.4	2.3	62.3	17.3
Oneida	13054	1582	6.5	25.2	13	98.5	0.1	1.4	0.7	0.2	0.5	3.15	87.3	11.6	1	60.3	19.8
Oneida	13303	1153	5.2	21.9	15.9	98.4	0.3	0.3	1.1	0.2	0.5	2.92	92	25.3	3.7	69.1	5.8
Oneida	13304	1684	3.6	21.7	13.8	98.2	0.8	0.5	1.2	0.1	0.8	2.97	92.3	44.3	6.7	66.2	9.2
Oneida	13308	3625	5.8	23.9	12.8	98.7	0.7	0.9	0.6	0.2	0.8	2.98	80.6	9.2	2.6	60.4	15.7
Oneida	13309	5889	5.5	22.1	17	99.3	0.4	0.3	0.3	0.3	0.6	2.92	87.1	14.9	2.6	62.1	12.9
Oneida	13316	6460	5.5	24.5	14.5	98.7	0.9	0.5	0.3	0.2	0.9	3	88	16.7	2.2	62.9	11
Oneida	13318	1325	4.7	23	12	97.7	1.3	0.4	1.1	0.5	2.3	3.05	93.3	13.6	3.6	66	17.9
Oneida	13319	1079	7.7	25.3	11.8	97.3	2.4	0.4	0.6	0.6	4.3	3.08	72.9	15.7	5.1	69.8	10.3
Oneida	13323	11323	3.4	15.8	18.7	95.3	1.7	0.5	3.2	0.7	2.2	2.84	93	39.6	10.7	58.4	7.2
Oneida	13328	1267	6.1	21.3	14.5	98.8	0.7	0.5	0.7	0.1	1.4	2.94	89.5	27.3	2.8	67.1	6.2
Oneida	13354	3342	4.3	22.6	14.4	98.7	0.7	0.6	0.6	0.5	1	3.06	95.7	29.6	6	67.9	8.3
Oneida	13363	2315	4.9	23.5	13.7	98.9	1.1	0.6	0.4	0.3	1	2.96	86.3	19.2	4.2	63.7	14.2
Oneida	13403	7372	2.4	12	9.8	75.7	21.2	0.8	0.9	2.4	8.5	2.99	77.7	15.1	16.1	36.4	7.5
Oneida	13413	16135	4.3	19.5	24.7	94.4	1.9	0.2	4.2	0.7	1.9	2.89	91.2	43	9.2	60.7	5.6
Oneida	13417	3305	4.6	17.9	20.8	96.6	2	0.4	1.7	0.4	2.3	2.75	90	17.1	12.6	56.7	18.1
Oneida	13424	2725	3.9	19.3	15.4	93.2	6.7	0.6	0.4	0.4	2.3	2.98	88.2	22.3	4.3	55.4	6.9
Oneida	13425	1970	6.5	22.3	15.6	99	0.7	0.5	0.4	0.6	0.4	2.94	91.5	18.1	7.3	64.7	11.4
Oneida	13438	3789	5.4	20.6	14.5	99.3	0.7	0.4	0.4	0.1	0.8	2.92	90.4	21.8	3.5	64.8	15.1
Oneida	13440	42986	5.8	21	16.7	91.6	7.1	0.8	1.4	1.5	4.4	2.92	88.2	19.9	7.2	56.3	14
Oneida	13456	4164	4.9	22	15.6	98.9	0.7	0.2	0.4	0.4	1.1	2.95	94.1	32.1	4.3	68.9	5.3
Oneida	13461	3083	4.2	21.2	18.4	98.5	0.4	0.5	1.1	0.1	1.1	2.91	89.3	25.5	6.1	62.2	5.9
Oneida	13469	847	4.5	25	10.3	98.9	0.2	0.7	0.8	0.4	1.1	3.04	98.2	46.4	4.1	78.6	2.8
Oneida	13471	3540	6	25.1	11.4	98	1.4	0.5	0.6	0.3	1	3	80.2	13.8	4.1	62.4	21.4
Oneida	13476	3032	4.7	22.7	15.1	97.9	1.4	1.4	0.7	0.2	1.3	2.99	88.6	23.3	3.3	69.9	10.1
Oneida	13477	1452	5.1	25.1	14.5	98	1.4	1	0.2	0.3	1.3	3.04	96.8	12	0.8	84.2	17.5
Oneida	13478	3083	5	23.3	15.8	97.6	1.6	1.7	0.7	0.6	1.1	2.9	93.6	22.4	1.6	70.8	3.2
Oneida	13480	3532	5.7	24.1	16.9	98.8	1	0.7	0.5	0.6	0.8	3.05	88.7	18	3.3	62.5	16.6
Oneida	13483	256	9	29.3	7.8	96.9	0.4	2.3	0.8	0	0	3.27	67.9	14.9	4	72.6	6.2
Oneida	13486	815	5.6	21	16.9	99	0.7	0.1	0.5	0	2.3	2.92	91	24.4	2.5	67.8	14.3

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			Less than 5	Less than 18	At least 65	White	Black	AIAN	Asian	Other	Hispanic		At least High School	Bachelor's Degree or Higher			
Oneida	13490	1361	6	23.7	13.1	97.9	2.1	0.5	0.5	0.4	1.5	3.08	92	17.3	6.3	69.8	5.3
Oneida	13492	11596	5	21.7	17.8	97.7	1.4	0.4	0.9	0.4	1.3	2.91	95.1	31.3	4.2	64.4	8.1
Oneida	13495	2144	5.6	21.2	16.1	96.9	2.1	0.3	0.7	1.3	2.8	2.82	85.3	21.1	13	64.6	9.4
Oneida	13501	38546	7.7	26.6	15.1	68.6	18.4	0.8	10.9	5.2	11.2	3.26	76.8	17.5	35.3	57.4	29.4
Oneida	13502	33257	6.5	21.8	15.1	83.9	12.6	0.9	2.9	3.5	7.2	2.98	84.6	18.5	14.1	58.3	23.3
Oneida	Average	6639.71	5.35	22.32	14.95	95.83	2.79	0.68	1.23	0.68	2.07	2.98	88.13	22.18	6.31	64.16	11.81
Onondaga	13027	31637	5.3	23.8	14.5	97	1.8	0.8	1.5	0.6	1.6	2.95	94.7	39.3	5	66.4	7.2
Onondaga	13029	7109	7	26.1	11.2	97.7	1.6	1	1.1	0.4	1.3	3.03	93.4	25.5	6.8	70.1	8.7
Onondaga	13031	15551	4.9	22.2	18.9	96.1	2.2	0.8	1.6	0.6	1.6	2.95	93.6	39.1	6.5	67.1	5.8
Onondaga	13039	17537	6.2	26.8	10.7	96.1	2.5	0.6	1.5	0.7	1.6	3.11	95.2	34.7	5.1	71.5	3.8
Onondaga	13041	10705	7.3	26.7	8.3	90.1	6.4	1.1	3.7	1	2.3	3.14	96.3	30.7	8.8	75.8	4.6
Onondaga	13057	14992	5.1	20.9	18.8	95.4	2.8	1.2	1.9	0.7	1.7	2.91	92.1	28.7	9	65.9	8.2
Onondaga	13060	2806	5.4	22.4	16.1	97.8	0.7	1.3	0.4	1.2	2.9	2.95	85.2	23	0.9	65	8.8
Onondaga	13063	1898	5	26.2	11.8	97.9	0.6	0.9	0.8	0.9	3	3.13	91.3	34.6	7	72.8	1.2
Onondaga	13066	12390	4.7	23.2	19.6	93.5	2.4	0.4	4.9	0.6	1.9	2.94	98.2	64.4	8.2	66.4	2.6
Onondaga	13078	9866	5.1	23.5	18	88.3	4.8	1.4	6.5	0.9	2.4	3.06	92.8	46.5	11.6	59.2	4.2
Onondaga	13080	3631	5	22.4	14.6	98.3	0.7	0.8	0.7	0.4	0.9	3.02	91.1	17.5	0.8	70.3	9.1
Onondaga	13084	4409	4.8	21.7	13	95.4	1.2	3.8	1.2	0.6	1.3	2.93	92.8	28	0.8	64.5	4.5
Onondaga	13088	22156	5.1	18	19.7	91.4	5.1	1	3.8	0.9	2.7	2.8	89.6	27	10.3	63.6	7.9
Onondaga	13090	30124	6.2	24.7	10.7	91.5	6	0.9	3.2	1	2.8	3.03	95.5	37.9	7	72.7	7.6
Onondaga	13104	15567	4.9	27.3	13.7	92.5	2	0.5	6.1	0.5	1.6	3.11	96.8	60.1	9.5	67.8	3.7
Onondaga	13108	6175	5.1	24.1	15.6	98.6	0.6	0.8	0.8	0.3	1.1	3.03	98.1	42.7	2.2	69	5.1
Onondaga	13110	2338	3.7	22.1	13.7	98.3	0.6	1	0.6	0.3	0.7	2.92	92.5	28.1	2.5	69.1	3.1
Onondaga	13112	1973	4.9	23.1	12.4	98.7	1	0.8	0.1	0.6	1.6	3.01	94.9	19.9	9.8	72.3	11.4
Onondaga	13116	3457	6	22.7	16.2	96.3	1.2	1.1	2.1	0.4	0.8	2.91	94.3	36.8	1.7	75.3	3.8
Onondaga	13120	2328	5.3	21.2	14.8	67.9	7.5	25.9	0.7	0.9	2.1	3.11	94	19.8	6.3	62.3	12.4
Onondaga	13152	7941	4.2	22.9	19.4	98.7	0.3	0.4	0.9	0.3	1.1	2.92	96.8	54	2.4	59.5	4.6
Onondaga	13159	5184	4.8	24.6	12.7	97.2	1.4	0.9	1.1	0.5	1.9	3	94.3	38.6	2.8	69.7	3.6
Onondaga	13164	2338	7.3	27.5	10.1	96.8	1.5	1.2	0.8	0.7	2.3	3.22	94	32.2	4	80.2	3.3
Onondaga	13202	5438	9.3	24.4	5.2	32.8	59.7	2.3	6.6	3.6	8.5	3.23	70.1	30.2	26.9	43.6	58
Onondaga	13203	16029	7.3	23.7	13.7	66	25.4	2.8	9.1	3.1	8	3.19	74.8	23	27.3	54.7	38.8
Onondaga	13204	19931	9.1	29.1	8.3	62.8	31.4	3.6	1	8.7	18.4	3.26	73.7	16.2	19.1	60.3	39.1
Onondaga	13205	19201	7.6	27.1	16.3	38	58.7	2.6	2.8	2.1	5.5	3.19	79.9	17.8	9	56.2	34.4
Onondaga	13206	16443	6.2	20.1	13.3	81.7	16.8	2.2	2.3	2	5.3	2.85	87.8	23.9	12.7	67.8	17.8
Onondaga	13207	13897	7.7	27.8	9.6	54.9	44	2.8	1.2	3.4	8	3.13	86.7	29.8	6.9	60.7	26.6
Onondaga	13208	22854	8.4	17.6	11.5	68.9	20.5	2.9	11.3	2.7	6.3	3.28	75.5	16.8	22.3	62.5	31.9
Onondaga	13209	13243	5.4	20.3	18.3	96.1	2.2	1.9	0.9	1.1	3.2	2.86	89.3	21.4	12.2	65.5	10.2
Onondaga	13210	27606	3.5	10.7	5	65.9	22.2	1.2	11.9	2.8	6.6	2.96	87.7	48.9	18.2	47.6	47.8
Onondaga	13211	6517	7	23.3	13.5	91.9	6.2	1.7	1.2	1.8	3.5	3.01	86.8	10.9	2.8	65	13.2
Onondaga	13212	20356	5.2	20.4	18.5	94.9	3.5	1.2	1.6	0.9	2.1	2.87	90.8	21.6	3.8	64.5	6.6
Onondaga	13214	8793	4.5	18	17.7	82.7	13.4	0.9	4.5	1.5	4.2	2.88	95.5	50.7	13.1	55.7	9.9
Onondaga	13215	15245	4.1	23.2	16	94	3.9	1.1	1.7	0.7	2	3.11	94.8	42.9	6.8	66.5	5.9
Onondaga	13219	15363	4.7	20.1	20.9	96.1	2.4	1	1.2	0.6	1.9	2.91	91.8	35.4	9.5	64.9	5.6
Onondaga	13224	8891	6.4	24	15	54.8	41.4	1.7	3.5	2.9	5.9	2.94	90.9	42.9	13.1	63.6	16.5
Onondaga	Average	12155.76	5.78	23.00	14.14	85.61	10.70	2.07	2.81	1.39	3.44	3.02	90.36	32.67	8.76	65.15	13.09

County	Zip Code	Total Population	Age (%)			Race / Ethnicity (%)						Family Size	Education (%)		Speaks Foreign Language at Home (%)	Participation in Labor Force (%)	Families Below Poverty Level (%)
			Less than 5	Less than 18	At least 65	White	Black	AIAN	Asian	Other	Hispanic		At least High School	Bachelor's Degree or Higher			
Oswego	13028	1350	5	22.1	14.7	99	0.9	0.9	0.4	0.1	0.4	2.91	89.5	17.9	8.8	70	7.4
Oswego	13036	8680	5.6	23.6	14.2	98.6	0.6	1.2	0.6	0.3	1	3	87.7	12.8	2.2	64.3	10.7
Oswego	13044	2512	4.7	20.9	13.1	99	0.2	0.8	0.5	0.3	0.4	2.94	89.6	14.8	0.6	68.2	9.8
Oswego	13069	24931	6.8	25.6	12.4	97.8	1.2	1.1	0.5	0.9	2.2	3.03	84.7	15.6	3.5	60.3	20
Oswego	13074	4488	5.9	27.2	10.9	98.6	0.8	1	0.3	0.5	1.1	3.07	87.3	11.6	4.3	65.7	13
Oswego	13076	2393	4.9	25.6	10.6	98.9	0.5	0.9	0.5	0.3	0.6	3.04	91.6	11.8	3.2	71.1	11.9
Oswego	13083	1809	6.2	26.5	11.4	98.7	0.6	0.7	0.4	0.4	1.1	3.12	91.4	20.2	0.3	63.3	16
Oswego	13103	326	12.6	34.4	8	96.9	2.1	1.8	0	0.9	1.5	3.1	57.8	0	0	40.5	84.3
Oswego	13114	6356	5.8	25.1	11.7	98.4	0.8	1.2	0.4	0.6	1.5	2.97	86.7	16	7.3	60.9	16.9
Oswego	13126	37205	5.1	19.2	13	96	2	0.6	1.5	1.2	3.5	2.92	87.3	23.9	5.6	58.4	19.3
Oswego	13131	3895	5.8	25.1	12.1	98.2	1.2	0.9	0.6	0.4	1.3	3.07	82.8	10.2	2.4	59.6	16.5
Oswego	13132	4244	4.9	22.8	11.2	98	1	1.4	0.5	0.2	1.3	2.96	89.6	16.7	3.1	68.3	10.9
Oswego	13135	6617	6.4	25.5	11.6	97.7	0.9	1.6	0.9	0.6	1.5	3.03	90.2	21.3	3.4	65.8	12.5
Oswego	13142	6451	6.2	24.1	14.6	98.7	0.6	0.8	0.4	0.4	1.5	2.96	87	16.4	3.2	61.1	17.6
Oswego	13144	1531	6.1	24.2	10.9	97.5	1.6	1.8	0.5	0.4	0.8	3.06	78.4	13.9	10	56.1	16.1
Oswego	13145	1926	5.6	23	15.2	98.1	0.6	1.2	0.7	0.3	1.4	2.89	80.3	15	2.1	51.7	22.8
Oswego	13167	3342	5	24.1	11.6	98.9	0.8	1	0.4	0.1	0.9	2.98	87.5	18	6.6	60.2	11.5
Oswego	13302	1610	6.8	27.4	10.1	97.3	0.7	2	1	1.1	1.5	3.15	82.5	10.7	3.1	59.5	22
Oswego	13437	460	5.4	19.1	13.5	99.8	0	1.1	0	0	0.4	2.83	88.8	12.2	2.5	58.6	15
Oswego	13493	2070	6.8	26.6	9.5	98	1.1	1.3	0.2	1	1.8	3.11	78	6.7	2.1	58.4	14.1
Oswego	Average	6109.80	6.08	24.61	12.02	98.21	0.91	1.17	0.52	0.50	1.29	3.01	84.94	14.29	3.72	61.10	18.42
Tompkins	13053	5015	4.7	19.4	11.4	93.4	4.5	0.6	1.5	1.7	3.7	2.93	94.1	37.7	3.9	66.2	8
Tompkins	13068	5368	5.4	24.4	10.8	96.6	3.2	1.3	1	0.9	2.3	2.85	95.3	35.6	2.6	68.2	8
Tompkins	13073	6423	5.9	23.9	13.6	97.6	1.6	1	1	0.4	2.1	2.97	90.7	17	1.7	67.9	12.1
Tompkins	14817	2380	5.9	21.4	11.2	96	2.8	1.7	1.6	1.2	1.7	2.8	92.5	41.1	4.6	77.4	4
Tompkins	14850	63886	3.8	13.6	10	80.8	6.4	1.1	13.7	2.1	5.1	2.81	94.1	61	20.1	56.1	26.9
Tompkins	14867	5569	5.9	23.8	12.3	96.8	3	1.5	0.8	0.6	1.3	2.92	84.9	24.4	5.2	70.8	12.7
Tompkins	14882	3826	5	25.3	14.2	94.4	3.3	1.3	1.7	1.3	3.2	2.88	91.7	47.7	9.4	75.5	1.2
Tompkins	14886	6753	5	21.8	15.4	97.9	1.7	1.1	0.9	0.5	1.7	2.81	93.7	37.4	4.4	62.3	13.8
Tompkins	Average	12402.50	5.20	21.70	12.36	94.19	3.31	1.20	2.78	1.09	2.64	2.87	92.13	37.74	6.49	68.05	10.84

Appendix B

County	Zip Code	Total Births	Premature Births (%)	Low Birth Weight (%)	Late or No Prenatal Care (%)	Infant Death Rate per 1000 Live Births	Teen Birth Rate per 1000 Females (Ages 15-19)	Teen Pregnancy Rate per 1000 Females (Ages 15-19)
Cayuga	13021	1,264	9.8	7	2.3	6.3	27.9	36.7
Cayuga	13026	27	3.8	3.7	0	0	3.8	11.4
Cayuga	13033	133	12	5.3	5.3	7.5	14.9	19.1
Cayuga	13034	46	8.9	8.7	2.2	21.7	9.3	18.5
Cayuga	13071	38	13.2	2.6	0	0	8.8	26.3
Cayuga	13081	34	14.7	14.7	26.5	0	8.5	8.5
Cayuga	13092	96	6.5	2.1	3.1	10.4	10.5	18.4
Cayuga	13111	53	7.7	7.5	0	0	19	23.8
Cayuga	13118	139	6.6	7.2	2.2	14.4	13.2	18.2
Cayuga	13140	133	11.5	4.5	2.3	0	37.2	48.4
Cayuga	13147	32	9.4	0	6.3	0	11.5	23
Cayuga	13156	60	8.3	5	1.7	0	22.5	49.5
Cayuga	13160	48	6.4	6.3	0	20.8	9.5	14.3
Cayuga	13166	168	12.5	10.1	3	6	25.5	33.5
Cayuga	Average	162	9.4	6.1	3.9	6.2	15.9	25.0
Cortland	13040	82	9.9	3.7	3.7	12.2	29	36.2
Cortland	13045	848	8.2	6.8	3	7.1	12.3	19.6
Cortland	13077	160	9.7	1.9	0.6	6.3	16.8	20.4
Cortland	13101	76	13.9	10.5	1.3	26.3	21.8	21.8
Cortland	13141	31	3.3	0	3.2	0	*	*
Cortland	13158	55	11.5	3.6	3.7	0	25.6	35.9
Cortland	13803	147	14.9	5.4	17.5	6.8	38.5	45.8
Cortland	13863	11	18.2	9.1	0	0	*	*
Cortland	Average	176	11.2	5.1	4.1	7.3	24.0	30.0
Herkimer	13322	38	10.5	2.6	0	0	13.9	20.8
Herkimer	13324	53	18.9	11.3	0	0	15.4	15.4
Herkimer	13338	36	8.3	2.8	5.6	0	43.9	61.4
Herkimer	13340	227	13.8	8.8	3.1	4.4	16.6	28.5
Herkimer	13350	315	10.5	7.3	4.1	3.2	28	44

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Herkimer	13357	438	10.5	7.5	2.1	9.1	33.2	45.9
Herkimer	13361	33	3.2	3	31.3	0	*	*
Herkimer	13365	273	7	6.2	7.1	14.7	16.6	27.6
Herkimer	13406	21	4.8	14.3	9.5	0	*	*
Herkimer	13407	143	12.6	7	0.7	0	32.7	40.9
Herkimer	13416	50	2	6	8	0	7.8	31.4
Herkimer	13420	26	11.5	3.8	0	0	*	*
Herkimer	13431	75	5.3	4	14.7	0	18.3	27.4
Herkimer	13454	31	9.7	6.5	9.7	0	*	*
Herkimer	Average	126	9.2	6.5	6.9	2.2	22.6	34.3
Madison	13030	105	9.5	8.6	1	9.5	15.9	21.2
Madison	13032	388	10.6	5.9	3.9	7.7	17.4	24.4
Madison	13035	178	6.2	4.5	3.4	0	5.4	7.2
Madison	13037	277	6.5	5.1	1.1	0	12.8	17.9
Madison	13052	55	15.7	7.3	7.3	18.2	17.5	17.5
Madison	13061	26	3.8	3.8	7.7	0	12.8	12.8
Madison	13072	20	0	5	15.8	0	23.8	23.8
Madison	13082	102	13.7	9.8	2	19.6	14.5	16.6
Madison	13122	38	11.8	7.9	11.4	0	12.6	18.9
Madison	13310	26	19.2	15.4	0	0	6.8	6.8
Madison	13332	115	10.2	7	14.8	0	29.4	42.5
Madison	13334	59	5.2	3.4	8.5	0	5.8	8.8
Madison	13346	92	6.5	3.3	1.1	10.9	2.8	2.8
Madison	13355	27	3.8	0	3.7	0	10.1	40.4
Madison	13402	56	12.5	5.4	7.1	0	30.3	42.4
Madison	13408	83	9.8	4.8	4.8	0	5.3	11.7
Madison	13409	88	5.7	3.4	4.6	0	12.9	16.2
Madison	13418	11	18.2	9.1	0	0	*	*
Madison	13421	470	9.5	5.3	2.6	4.3	25.8	33.8

County	Zip Code	Total Births	Premature Births (%)	Low Birth Weight (%)	Late or No Prenatal Care (%)	Infant Death Rate per 1000 Live Births	Teen Birth Rate per 1000 Females (Ages 15-19)	Teen Pregnancy Rate per 1000 Females (Ages 15-19)
Madison	13485	51	11.8	5.9	13.7	19.6	16.3	20.3
Madison	Average	113	9.5	6.0	5.7	4.5	14.6	20.3
Oneida	13042	68	10.3	8.8	1.5	0	36.3	39.6
Oneida	13054	55	12.7	9.1	0	18.2	12.3	30.9
Oneida	13303	28	10.7	7.1	3.6	0	13.6	13.6
Oneida	13304	29	3.4	3.4	6.9	0	14.7	29.4
Oneida	13308	141	12.9	13.5	7.9	7.1	23.1	36.6
Oneida	13309	190	6.4	3.7	4.2	10.5	25.4	31.7
Oneida	13316	162	6.8	2.5	3.1	0	34.3	43.9
Oneida	13318	61	3.3	6.6	3.3	0	40.5	45
Oneida	13319	33	6.1	6.1	0	0	21.5	43
Oneida	13323	237	7.7	5.5	1.7	0	3.1	6.7
Oneida	13328	34	11.8	5.9	0	0	0	0
Oneida	13354	86	11.8	5.8	10.5	0	18.4	28.9
Oneida	13363	82	5	12.2	11	0	35.3	35.3
Oneida	13403	100	9.1	6	2	0	5.2	12.2
Oneida	13413	342	9.1	6.4	1.8	5.8	6	10.8
Oneida	13417	108	12	8.3	2.8	0	27.8	35.7
Oneida	13424	58	19.3	8.6	1.7	0	6.4	12.8
Oneida	13425	106	5.8	5.7	15.2	0	12.7	16.9
Oneida	13438	122	10.7	4.9	4.9	0	16.5	24.7
Oneida	13440	1,517	11.7	8.4	4.8	4.6	34.9	48.4
Oneida	13456	108	11.1	6.5	0.9	9.3	7.7	17.3
Oneida	13461	85	20	10.6	4.7	0	0	13.1
Oneida	13469	19	15.8	5.3	10.5	0	*	*
Oneida	13471	117	14.2	8.5	1.7	8.5	16.7	22.9
Oneida	13476	111	11	9	1.8	0	26.5	38.3
Oneida	13477	44	4.5	0	4.5	0	29	29
Oneida	13478	94	10.9	6.4	3.2	0	6.1	9.1

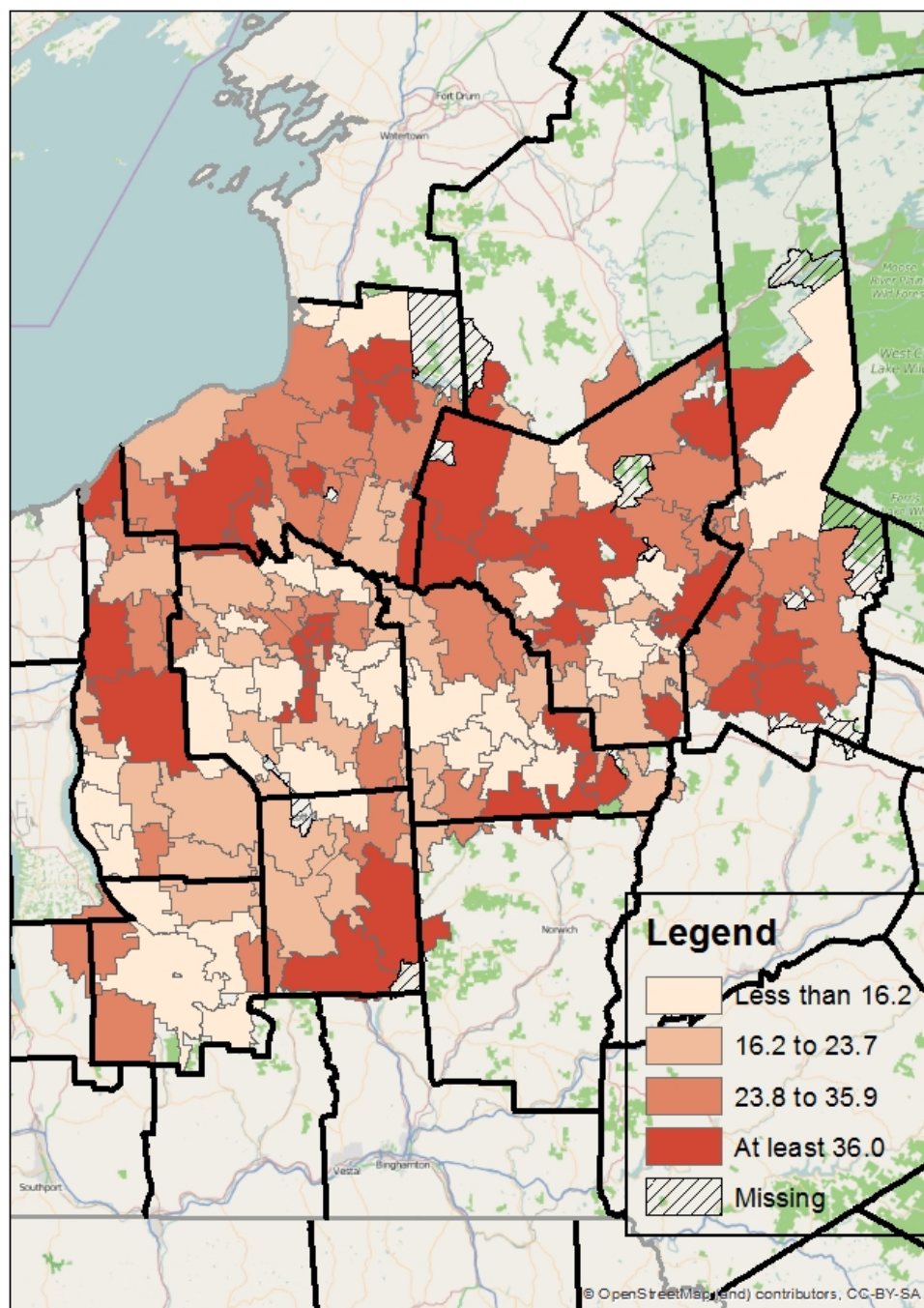
County	Zip Code	Total Births	Premature Births (%)	Low Birth Weight (%)	Late or No Prenatal Care (%)	Infant Death Rate per 1000 Live Births	Teen Birth Rate per 1000 Females (Ages 15-19)	Teen Pregnancy Rate per 1000 Females (Ages 15-19)
Oneida	13480	104	9.6	5.8	3.8	9.6	12.3	17.2
Oneida	13483	14	15.4	14.3	7.1	0	*	*
Oneida	13486	27	11.1	11.1	3.7	0	*	*
Oneida	13490	36	14.3	8.3	2.8	0	7.4	22.2
Oneida	13492	312	9.3	7.1	1.6	12.8	8.3	19
Oneida	13495	61	14.8	6.6	4.9	16.4	24.5	39.2
Oneida	13501	1,939	16.5	10.1	6	10.3	43.1	71.4
Oneida	13502	1,305	12.9	9.3	4.8	8.4	38	63.8
Oneida	Average	227	10.8	7.4	4.3	3.5	19.0	28.4
Onondaga	13027	929	10.7	6.2	1.3	2.2	10.2	16.3
Onondaga	13029	255	11.8	7.1	1.6	3.9	19.5	22
Onondaga	13031	417	11.1	6.7	1.9	7.2	7.9	18.3
Onondaga	13039	481	9.2	5.8	1	4.2	6.3	12
Onondaga	13041	401	9.3	7.2	0.7	10	7	9.3
Onondaga	13057	385	7.5	4.2	3.4	7.8	18.8	29.3
Onondaga	13060	92	6.5	2.2	0	0	9.9	13.2
Onondaga	13063	59	15.5	10.2	1.7	0	16.1	24.1
Onondaga	13066	276	12	8	1.4	0	3.8	6.1
Onondaga	13078	206	9.7	7.3	2.4	14.6	7.8	9.8
Onondaga	13080	79	11.4	10.1	2.5	0	21.9	32.8
Onondaga	13084	134	8.2	9	3	14.9	17.7	22.1
Onondaga	13088	683	8.6	6.3	2.6	5.9	12	24
Onondaga	13090	1,079	8.8	5.8	2.4	4.6	15.9	22.3
Onondaga	13104	360	6.9	3.3	1.7	0	4.8	8.5
Onondaga	13108	139	8.7	5.8	0.7	7.2	2.9	8.7
Onondaga	13110	43	7	2.3	0	0	12	20.1
Onondaga	13112	52	5.8	1.9	1.9	0	18.2	18.2
Onondaga	13116	132	4.5	6.8	1.5	0	13.1	32.7
Onondaga	13120	121	5.8	4.1	4.1	8.3	41.2	59.9

County	Zip Code	Total Births	Premature Births (%)	Low Birth Weight (%)	Late or No Prenatal Care (%)	Infant Death Rate per 1000 Live Births	Teen Birth Rate per 1000 Females (Ages 15-19)	Teen Pregnancy Rate per 1000 Females (Ages 15-19)
Onondaga	13152	135	9.7	7.4	3.7	0	3.8	5.1
Onondaga	13159	115	12.2	11.3	2.6	0	10.2	13.5
Onondaga	13164	118	5.9	2.5	2.5	0	10	14.9
Onondaga	13202	309	12.3	8.7	4.2	9.7	68.1	101.4
Onondaga	13203	815	11.1	9.4	5.5	7.4	52.5	69.6
Onondaga	13204	1,160	12.3	9.6	6.1	1.7	83.1	119.2
Onondaga	13205	971	13.4	11.9	6.1	10.3	79.1	127.6
Onondaga	13206	650	10.7	9.8	4	4.6	36.1	50
Onondaga	13207	671	13.3	11	3.7	13.4	51.4	99.2
Onondaga	13208	1,257	12.3	9.3	5.6	4	58.5	85.3
Onondaga	13209	455	8.4	6.4	3.5	4.4	16.4	24.6
Onondaga	13210	601	8	6.7	3.7	8.3	6.5	16.9
Onondaga	13211	253	11.1	5.1	2	0	44.3	60.8
Onondaga	13212	630	9.9	6	2.1	6.3	19.9	27.2
Onondaga	13214	243	11.9	8.2	2.9	8.2	6.7	15.8
Onondaga	13215	335	8.1	4.2	3	0	4.4	11.9
Onondaga	13219	495	9.1	6.3	2.6	6.1	11.3	18.8
Onondaga	13224	308	13.4	8.8	4.5	6.5	43.1	71.5
Onondaga	Average	417	9.8	6.9	2.7	4.8	23.0	35.3
Oswego	13028	34	14.7	8.8	0	0	18.5	18.5
Oswego	13036	248	9.3	8.9	3.6	4	21	30.5
Oswego	13044	72	4.2	4.2	5.6	0	12.1	21.2
Oswego	13069	1,025	10.6	8.2	4.2	5.9	41.7	48.5
Oswego	13074	144	12.5	9.7	2.8	20.8	24.1	34.7
Oswego	13076	72	9.7	8.3	4.2	13.9	29.6	44.4
Oswego	13083	62	8.3	4.8	3.3	32.3	8.7	8.7
Oswego	13103	18	22.2	0	0	0	*	*
Oswego	13114	218	11.5	8.3	5	9.2	27.3	32.2
Oswego	13126	1,057	9.1	6.7	2.9	0.9	15.2	21.6

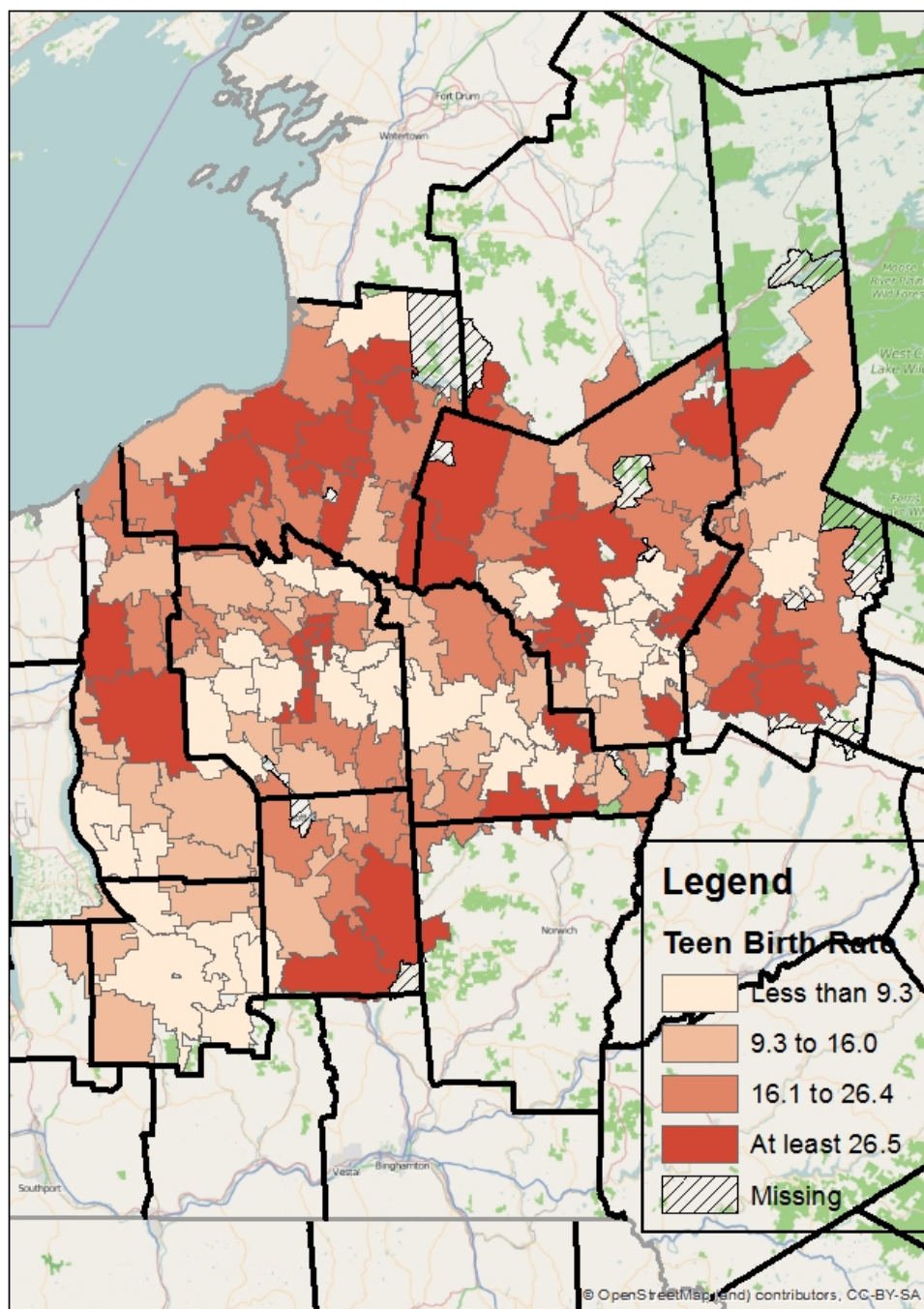
County	Zip Code	Total Births	Premature Births (%)	Low Birth Weight (%)	Late or No Prenatal Care (%)	Infant Death Rate per 1000 Live Births	Teen Birth Rate per 1000 Females (Ages 15-19)	Teen Pregnancy Rate per 1000 Females (Ages 15-19)
Oswego	13131	116	9.6	5.2	6	17.2	26.9	31.1
Oswego	13132	122	8.2	8.2	5.7	0	21.1	21.1
Oswego	13135	230	14.4	8.7	3	4.3	25.5	36
Oswego	13142	204	14.5	6.9	7.1	4.9	24.1	27.9
Oswego	13144	74	4.4	5.4	7	13.5	55.6	74.1
Oswego	13145	72	6.9	4.2	2.8	13.9	11.3	11.3
Oswego	13167	89	13.6	7.9	1.1	11.2	30.1	30.1
Oswego	13302	75	13.3	5.3	10.7	0	39.2	47.1
Oswego	13437	10	0	0	0	0	*	*
Oswego	13493	78	11.6	3.8	7.2	0	21.5	28.7
Oswego	Average	201	10.4	6.2	4.1	7.6	25.2	31.5
Tompkins	13053	118	11.2	5.9	6.8	0	7.6	32.1
Tompkins	13068	178	9.1	6.7	5.6	5.6	7.8	15.6
Tompkins	13073	213	9.7	7.5	5.7	0	11	22.1
Tompkins	14817	91	10	5.5	5.6	0	3.1	12.2
Tompkins	14850	1,618	8.7	6.1	4.3	3.1	4.4	9.5
Tompkins	14867	216	12.4	8.3	5.6	13.9	15.6	29.8
Tompkins	14882	107	13.1	7.5	3.7	18.7	3.2	6.3
Tompkins	14886	179	8.9	7.3	5.1	5.6	12.3	25.8
Tompkins	Average	340	10.4	6.9	5.3	5.9	8.1	19.2

Appendix C

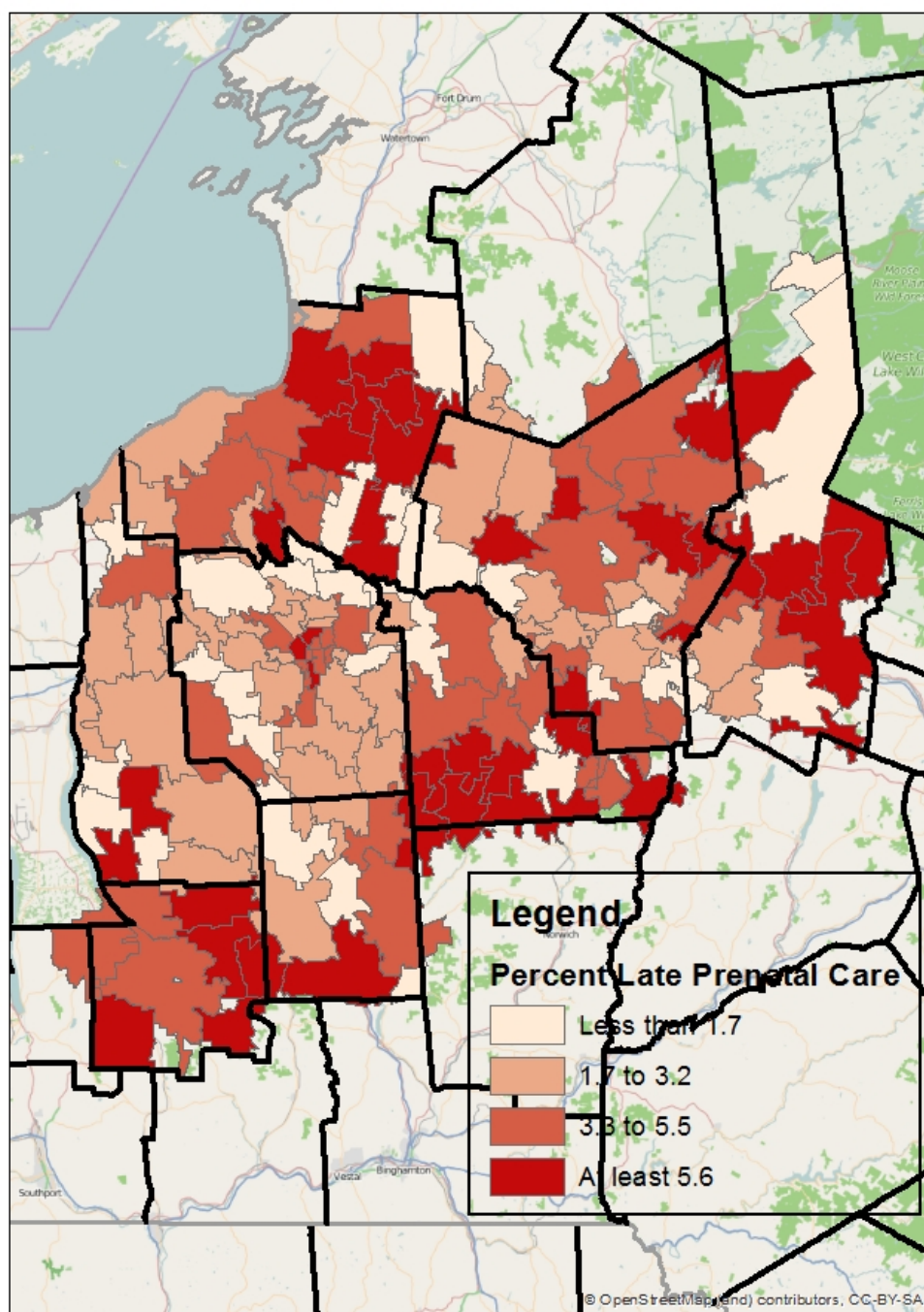
Teen Pregnancy Rates Per 1000 Population by Zip Code in Central New York



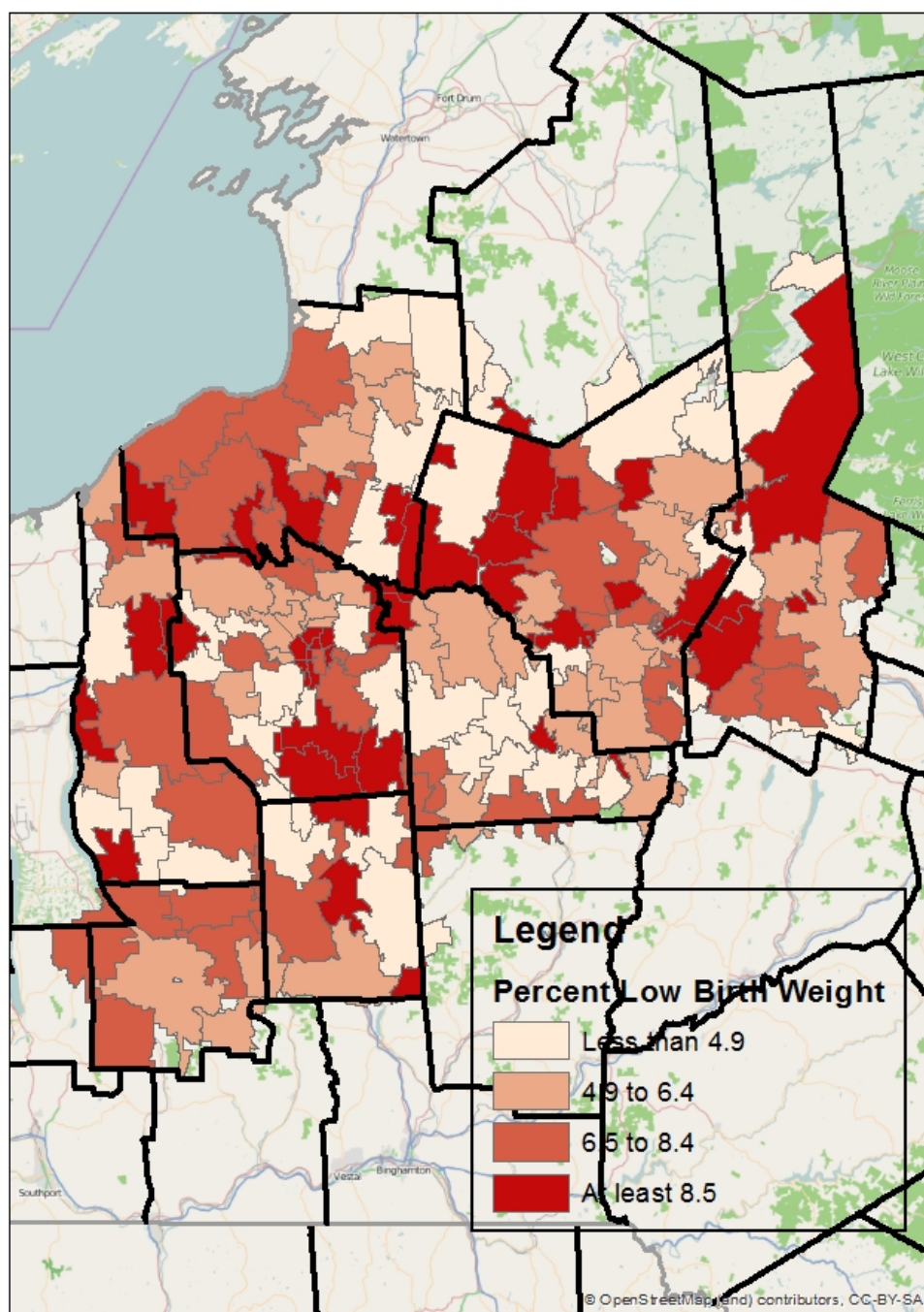
Teen Birth Rates Per 1000 Population by Zip Code in Central New York



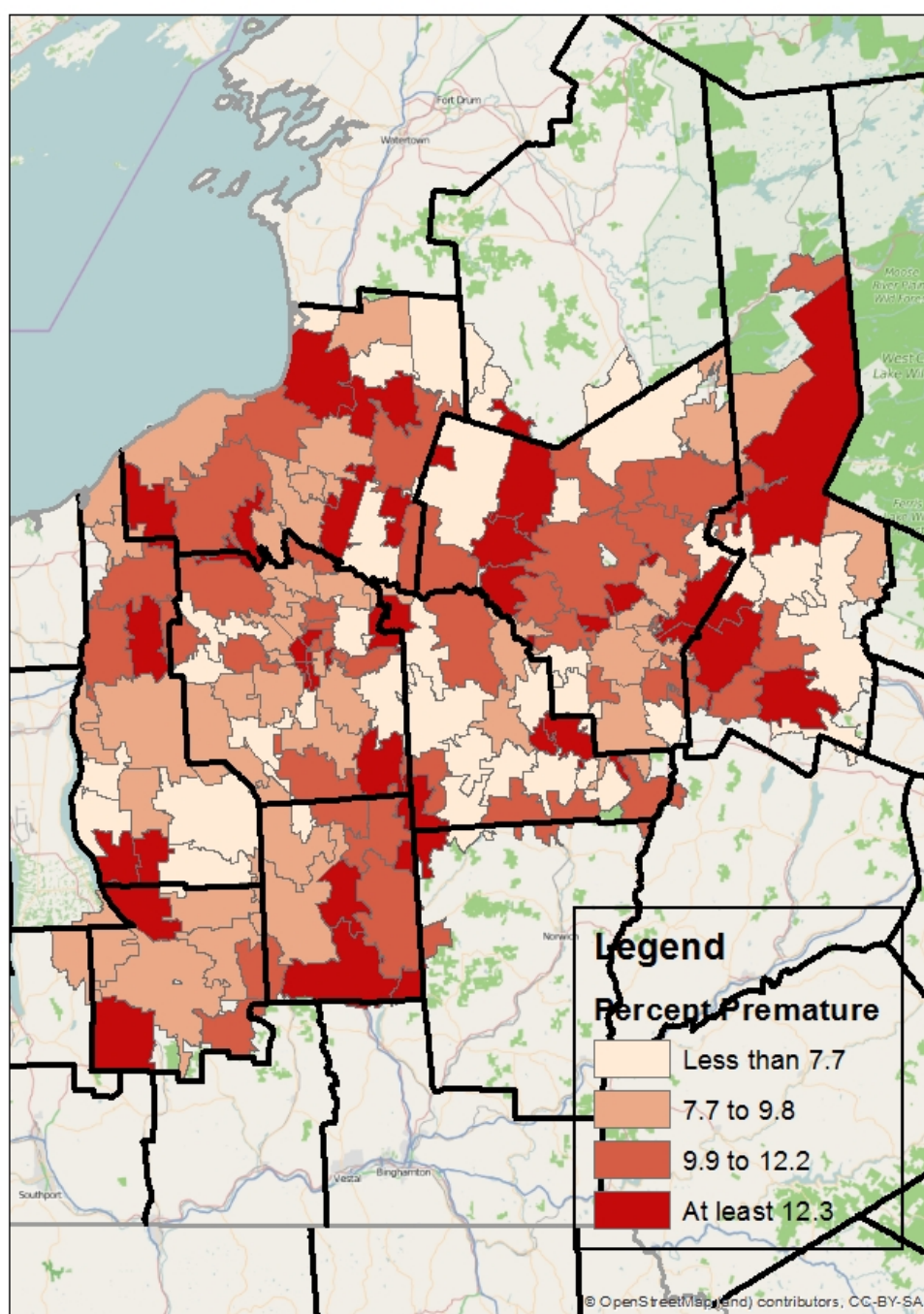
Percent Late or No Entry into Prenatal Care by Zip Code in Central New York



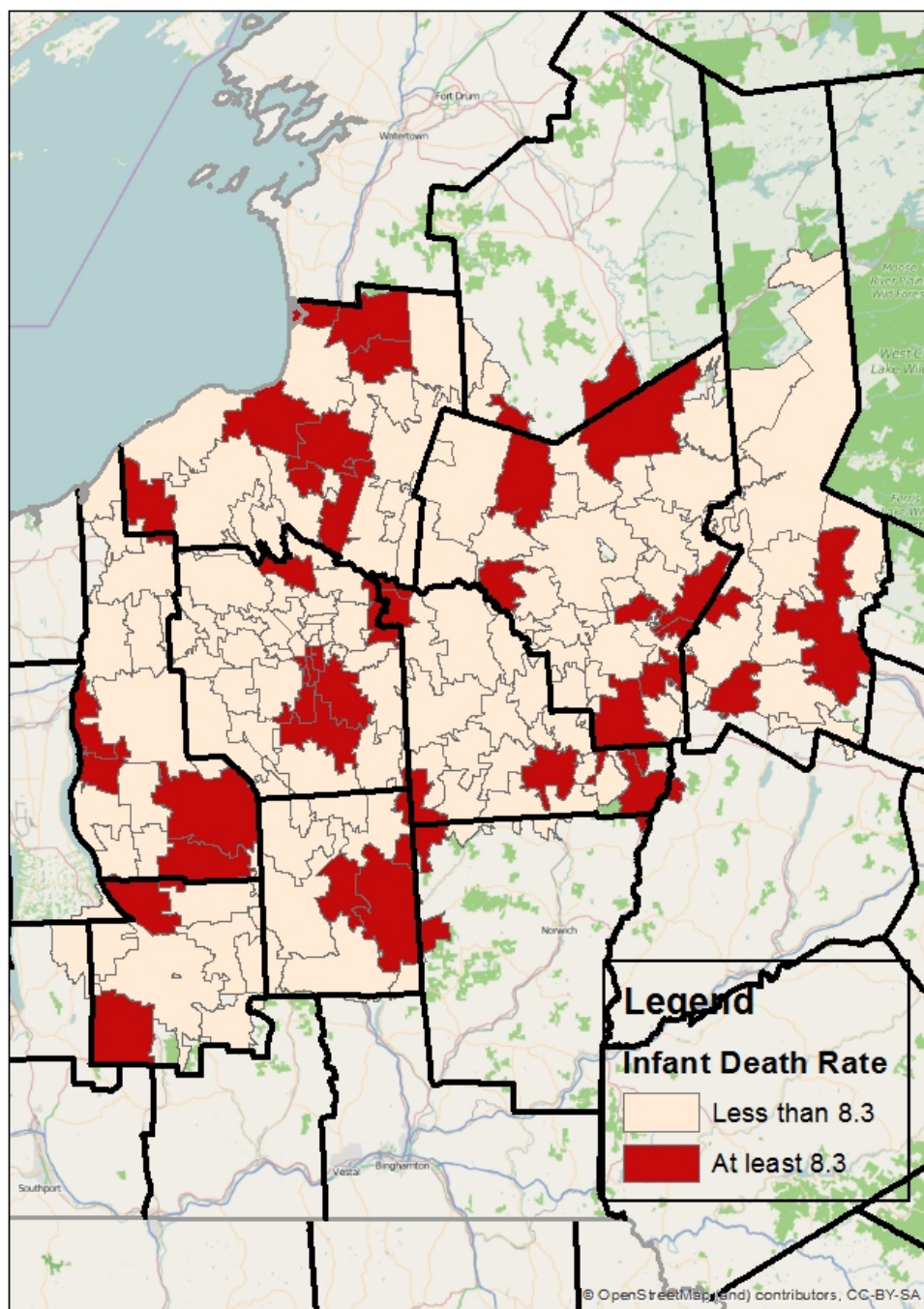
Percent Low Birth Weight by Zip Code in Central New York



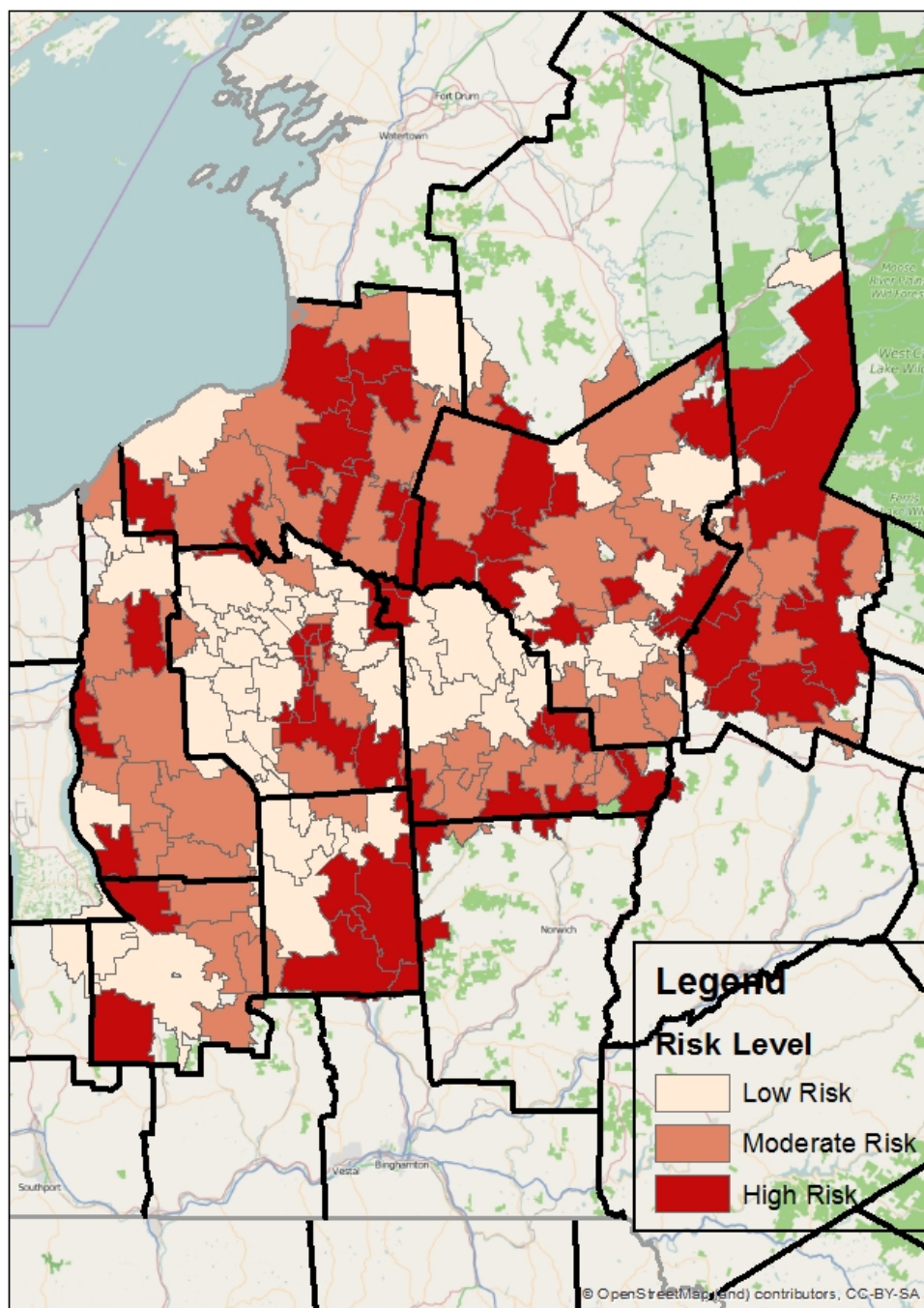
Percent Premature Birth by Zip Code in Central New York



Infant Death Rates Per 1000 Live Births by Zip Code in Central New York



Risk Level by Zip Code in Central New York



Hot Spot and High Risk Zip Codes in Central New York

