

# CUYAHOGA COUNTY

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# BOARD OF HEALTH

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## 2022 Teen Birth Rates in Cuyahoga County

In 2022, Cuyahoga County recorded 614 births to females aged 15-19 years, yielding a teen birth rate of 16.6 per 1,000 females in this age group. This rate exceeds both the U.S. average (13.6) and Ohio's state rate (15.4) for 2022.

Table 1 shows teen births rates by race/ethnicity and overall for each zip code in Cuyahoga County. Map 1 visualizes the overall teen birth rates by zip code.

### Key Findings

- **Racial and Ethnic Disparities:** Teen birth rates were highest among Black females (33.37 per 1,000), followed by Hispanic females (22.31), with White females having the lowest rate (7.41).
- **Zip Code Variability:** Some zip codes in the county (approximately the top 10) displayed notably high teen birth rates at or exceeding 3x the national rate. Cuyahoga County zip codes with the highest teen birth rates:
  1. 44127
  2. 44115
  3. 44110
  4. 44104
  5. 44117
  6. 44132
  7. 44146
  8. 44105
  9. 44108
  10. 44121

### Conclusion

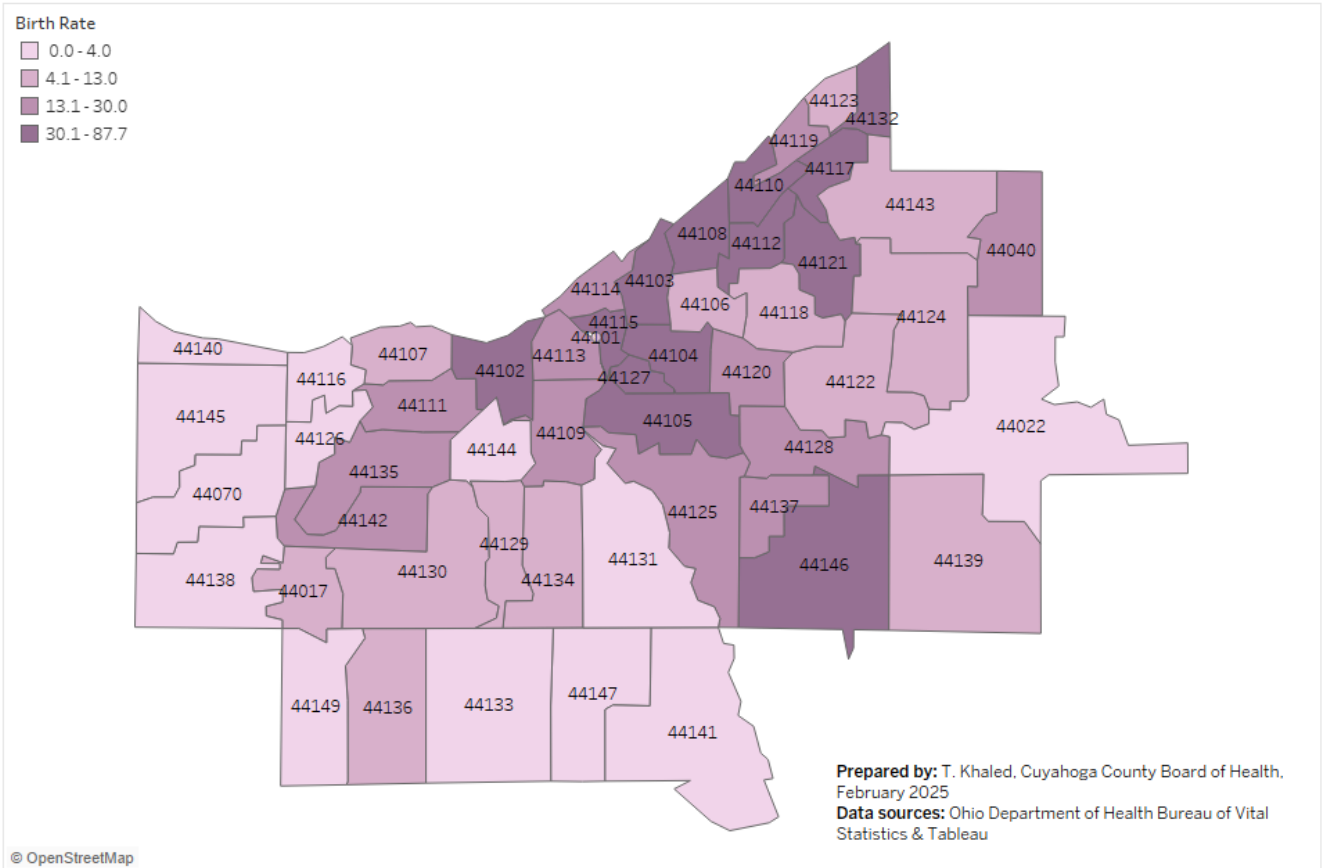
These data highlight disparities in teen birth rates in Cuyahoga County, Ohio, particularly among Black and Hispanic populations, and East Side communities in and bordering the City of Cleveland. Outreach prioritizing these groups and/or interventions targeting these areas may be needed to reduce teen births and improve reproductive health outcomes.

Table 1.

ZIP CODE	WHITE TEEN BIRTH RATE <sup>A,B</sup>	BLACK TEEN BIRTH RATE <sup>A,B</sup>	HISPANIC TEEN BIRTH RATE <sup>A,B</sup>	OVERALL TEEN BIRTH RATE <sup>B,D</sup>	RANK <sup>C,D</sup>
44017	5.28	0.00	0.00 <sup>B</sup>	4.24	37
44022	0.00	0.00 <sup>B</sup>	Suppress <sup>A,B</sup>	0.00	49
44040	0.00 <sup>B</sup>	Suppress <sup>A,B</sup>	Suppress <sup>A,B</sup>	15.63 <sup>B</sup>	24
44070	2.25	Suppress <sup>A,B</sup>	4.61	3.33	42
44101	Suppress <sup>A,B</sup>	Suppress <sup>A,B</sup>	Suppress <sup>A,B</sup>	0.00 <sup>B</sup>	49
44102	37.69	37.36	32.14	34.69	13
44103	90.91 <sup>B</sup>	32.54	16.67 <sup>B</sup>	35.46	12
44104	76.92 <sup>B</sup>	45.28	Suppress <sup>A,B</sup>	50.36	4
44105	21.58	42.50	26.67 <sup>B</sup>	41.75	8
44106	0.00	19.48	0.00	7.53	33
44107	10.37	131.58 <sup>B</sup>	10.10 <sup>B</sup>	12.97	26
44108	41.67 <sup>B</sup>	41.88	Suppress <sup>A,B</sup>	41.30	9
44109	23.70	53.14	11.61	24.62	18
44110	62.50 <sup>B</sup>	87.11	Suppress <sup>A,B</sup>	63.38	3
44111	11.41	32.49	24.66	15.08	25
44112	Suppress <sup>A,B</sup>	38.54	Suppress <sup>A,B</sup>	37.74	11
44113	14.08 <sup>B</sup>	43.96 <sup>B</sup>	16.13 <sup>B</sup>	29.56	14
44114	17.86	62.50 <sup>B</sup>	166.67 <sup>B</sup>	25.13	17
44115	88.89 <sup>B</sup>	62.76	Suppress <sup>A,B</sup>	66.90	2
44116	0.00	Suppress <sup>A,B</sup>	Suppress <sup>A,B</sup>	0.00	49
44117	Suppress <sup>A,B</sup>	45.45	Suppress <sup>A,B</sup>	45.20	5
44118	1.28	24.21	0.00 <sup>B</sup>	11.19	29
44119	9.90	18.02	Suppress <sup>A,B</sup>	15.77	23
44120	13.79	32.57	32.26 <sup>B</sup>	25.44	16
44121	7.30	73.17	Suppress <sup>A,B</sup>	39.03	10
44122	0.00	20.33	0.00 <sup>B</sup>	9.38	31
44123	21.74 <sup>B</sup>	9.98	0.00 <sup>B</sup>	11.57	28
44124	0.00	46.73	0.00 <sup>B</sup>	5.61	35
44125	10.87	28.96	81.08 <sup>B</sup>	23.91	19
44126	3.21	Suppress <sup>A,B</sup>	0.00 <sup>B</sup>	2.86	44
44127	Suppress <sup>A,B</sup>	83.33 <sup>B</sup>	Suppress <sup>A,B</sup>	87.72 <sup>B</sup>	1
44128	0.00 <sup>B</sup>	19.25	0.00 <sup>B</sup>	16.65	22
44129	10.46	10.91	32.26 <sup>B</sup>	12.14	27
44130	5.77	19.32	36.04	9.20	32
44131	4.77	0.00 <sup>B</sup>	Suppress <sup>A,B</sup>	3.85	40
44132	0.00 <sup>B</sup>	61.61	Suppress <sup>A,B</sup>	45.14	6
44133	1.86	0.00 <sup>B</sup>	0.00 <sup>B</sup>	1.61	47
44134	10.52	83.33 <sup>B</sup>	22.22 <sup>B</sup>	10.24	30
44135	31.78	37.97	27.10	26.26	15
44136	4.88	Suppress <sup>A,B</sup>	83.33 <sup>B</sup>	6.55	34
44137	0.00	25.25	166.67 <sup>B</sup>	20.61	20
44138	0.00	Suppress <sup>A,B</sup>	0.00	2.56	45
44139	3.91	24.39 <sup>B</sup>	0.00 <sup>B</sup>	4.05	38
44140	0.00	Suppress <sup>A,B</sup>	0.00 <sup>B</sup>	0.00	49
44141	3.61	Suppress <sup>A,B</sup>	0.00 <sup>B</sup>	3.12	43
44142	26.85	Suppress <sup>A,B</sup>	83.33 <sup>B</sup>	20.05	21
44143	0.00	26.55	0.00 <sup>B</sup>	5.24	36
44144	4.42	0.00	5.38	3.96	39
44145	1.21	0.00 <sup>B</sup>	Suppress <sup>A,B</sup>	0.94	48
44146	0.00 <sup>B</sup>	48.22	117.65 <sup>B</sup>	43.40	7
44147	3.84	Suppress <sup>A,B</sup>	Suppress <sup>A,B</sup>	3.45	41
44149	2.30	Suppress <sup>A,B</sup>	Suppress <sup>A,B</sup>	2.04	46
<b>Cuyahoga County</b>	<b>7.41</b>	<b>33.37</b>	<b>22.31</b>	<b>16.60</b>	

Map 1.

### 2022 Teen Birth Rate by Zip Code in Cuyahoga County Births per 1,000 females 15 - 19 years of age



## Definition

Teen birth rate:  $\frac{\text{Number of births to Moms age 15 to 19 years old}}{\text{Number of females age 15 to 19 years old}} \times 1000$

## Technical Notes

- A. ‘Suppress’ means the rate cannot be shared per the Ohio Department of Health (ODH) Disclosure Limitation Standard if the denominator (number of females in zip code) minus the numerator (number of teen births) is less than 10. In addition, rates based on population less than 10, do not meet standards of reliability or precision and are suppressed.
- B. Zip codes with less than 100 females 15 to 19 years old, as well as for each race group, which can lead to unstable rates. Please use rate with caution.
- C. Descending rank order was used; a rank of ‘1’ means the zip code has the highest teen birth rank.
- D. Overall Birth Rate includes all races.

## References

1. Ohio Department of Health, Bureau of Vital Statistics. 2022 Birth Comprehensive Protected dataset. The Department specifically disclaims responsibility for any analyses, interpretations, or conclusions.
2. U.S. Census Bureau. "Sex by Age." American Community Survey, ACS 5-Year Estimates Detailed Tables, Tables: B01001, B01001A, B01001B, B01001I, 2022.
3. Ohio teen birth rate. 2022 birth data come from the National Vital Statistics System (NVSS) via CDC WONDER; 2022 birth data; <https://www.cdc.gov/nchs/pressroom/states/ohio/oh.htm>.
4. United States teen birth rate. Michelle J.K. Osterman, M.H.S., Brady E. Hamilton, Ph.D., Joyce A. Martin, M.P.H., Anne K. Driscoll, Ph.D., and Claudia P. Valenzuela, M.P.H. Births: Final Data for 2022. Volume 73, Number 2. <https://www.cdc.gov/nchs/data/nvsr/nvsr73/nvsr73-02.pdf>.
5. Analyses conducted by the Cuyahoga County Board of Health, February, 2025.

## Suggested Citation

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