CUYAHOGA COUNTY
BOARD OF HEALTH
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2017 Teen Birth Rates by Municipality and Race

In 2017, 836 babies were born to Cuyahoga County females who were 15 to 19 years old for a rate of 21.5[1,2] per 1,000 females in this age group **(Table 1)**. This rate was slightly lower than the 2016 rate of 21.8[3,4]. The 2017 county rate was higher than the U.S. (18.8)[5] and the state of Ohio (20.8)[5].

Key Findings

- There were 28 fewer teen births in 2017 compared to 2016[1,3].

- The black teen birth rate (41.4)[1,2] was nearly four times as high as the white teen birth rate (10.5)[1,2].

- Highest rates of teen births for municipalities with at least 50 females age 15 to 19 years:
  - 1) East Cleveland
  - 2) Warrensville Heights
  - 3) Cleveland
  - 4) Maple Heights
  - 5) Garfield Heights

Table 1. Teen Birth Rates by Municipality and Race with Descending Ranks

Municipality	Black Teen Rate[A,B]	White Teen Rate[A,B]	Overall Teen Rate[A,B]	Black-White Inequity Rate[C,D]	Black Rank[E,F]	White Rank[E,F]	Total Rank[E,F]
Bay Village	Suppress[A]	0.00	0.00	N/A	N/A	28	39
Beachwood	Suppress[A]	0.00	0.00	N/A	N/A	28	39
Bedford	11.36	10.31[B]	11.14	1.10	16	11	20
Bedford Heights	9.77	32.26[B]	11.63	N/A	17	N/A	16
Bentleyville	Suppress[A]	0.00[B]	0.00[B]	N/A	N/A	N/A	39
Berea	12.82[B]	0.00	0.98	∞	15	28	38
Bratenahl	90.91[B]	Suppress[A]	90.91[B]	N/A	N/A	N/A	N/A
Brecksville	0.00[B]	9.90	9.01	N/A	N/A	14	23
Broadview Heights	71.43[B]	7.16	7.95	N/A	N/A	16	24
Brook Park	Suppress[A]	10.19	11.01	N/A	N/A	13	21
Brooklyn	0.00[B]	11.28	11.17	N/A	N/A	10	19
Brooklyn Heights	Suppress[A]	0.00[B]	0.00[B]	N/A	N/A	28	39
Chagrin Falls Township	Suppress[A]	Suppress[A]	Suppress[A]	N/A	N/A	N/A	N/A
Chagrin Falls Village	Suppress[A]	0.00	0.00	N/A	N/A	28	39
Cleveland	52.34	28.61	39.44	1.83	1	1	3
Cleveland Heights	27.97	3.15	14.29	8.88	9	25	12
Cuyahoga Heights	Suppress[A]	117.65[B]	117.65[B]	N/A	N/A	N/A	N/A
East Cleveland	50.00	Suppress[A]	48.84	N/A	2	N/A	1

Municipality	Black Teen Rate[A,B]	White Teen Rate[A,B]	Overall Teen Rate[A,B]	Black-White Inequity Rate[C,D]	Black Rank[E,F]	White Rank[E,F]	Total Rank[E,F]
Euclid	29.44	13.97	23.43	2.11	8	7	9
Fairview Park	Suppress[A]	2.38	6.82	N/A	N/A	26	25
Garfield Heights	41.53	12.82	33.20	3.24	4	9	5
Gates Mills	Suppress[A]	0.00[B]	0.00[B]	N/A	N/A	N/A	39
Glenwillow	0.00[B]	Suppress[A]	0.00[B]	N/A	N/A	N/A	N/A
Highland Heights	0.00[B]	0.00	0.00	N/A	N/A	28	39
Highland Hills	71.43[B]	Suppress[A]	71.43[B]	N/A	N/A	N/A	N/A
Hunting Valley	Suppress[A]	0.00[B]	0.00[B]	N/A	N/A	N/A	N/A
Independence	Suppress[A]	0.00	0.00	N/A	N/A	28	39
Lakewood	119.05[B]	5.01	11.87	N/A	N/A	18	14
Linndale	Suppress[A]	0.00[B]	0.00[B]	N/A	N/A	N/A	N/A
Lyndhurst	18.18[B]	0.00	4.85	∞	13	28	32
Maple Heights	43.77	12.99[B]	38.14	3.37	3	8	4
Mayfield Heights	37.50[B]	21.74	24.21	1.73	6	4	8
Mayfield Village	Suppress[A]	18.87[B]	18.87[B]	N/A	N/A	5	11
Middleburg Heights	0.00[B]	7.46	5.76	0.00	18	15	29
Moreland Hills	Suppress[A]	0.00[B]	0.00[B]	N/A	N/A	28	39
Newburgh Heights	23.81[B]	0.00[B]	28.17[B]	N/A	N/A	N/A	6
North Olmsted	0.00[B]	5.67	4.89	N/A	N/A	17	31
North Randall	0.00[B]	Suppress[A]	0.00[B]	N/A	N/A	N/A	N/A
North Royalton	0.00[B]	4.32	4.09	N/A	N/A	21	34
Oakwood	166.67[B]	0.00[B]	60.61[B]	N/A	N/A	N/A	N/A
Olmsted Falls	Suppress[A]	4.99	4.40	N/A	N/A	19	33
Olmsted Township	0.00[B]	22.42	22.22	N/A	N/A	3	10
Orange	0.00[B]	0.00[B]	0.00[B]	N/A	N/A	N/A	39
Parma	36.27	10.23	12.65	3.54	7	12	13
Parma Heights	0.00[B]	27.21	24.57	0.00	18	2	7
Pepper Pike	Suppress[A]	0.00	3.60	N/A	N/A	28	35
Richmond Heights	13.64	0.00[B]	11.63	N/A	14	N/A	17
Rocky River	62.50B	4.02	5.84	N/A	N/A	22	28
Seven Hills	Suppress[A]	0.00	5.95	N/A	N/A	28	27
Shaker Heights	23.56	0.00	9.90	∞	10	28	22
Solon	28.57B	0.00	1.29	N/A	N/A	28	37
South Euclid	21.14	3.83	11.82	5.52	11	23	15
Strongsville	Suppress[A]	4.49	5.21	N/A	N/A	20	30
University Heights	19.48	3.24	5.97	6.02	12	24	26
Valley View	0.00B	14.08[B]	11.49[B]	N/A	N/A	6	18
Walton Hills	Suppress[A]	0.00[B]	0.00[B]	N/A	N/A	28	39
Warrensville Heights	37.53	Suppress[A]	42.90	N/A	5	N/A	2
Westlake	Suppress[A]	2.13	2.00	N/A	N/A	27	36
Woodmere	0.00B	Suppress[A]	0.00[B]	N/A	N/A	N/A	N/A
Cuyahoga County	**41.37[B]**	**10.54[B]**	**21.54[A,B]**	**3.93**			

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Definitions

A. Teen birth rate: <u>Number of births to Moms aged 15 to 19 years old</u> x 1000
Number of females aged 15 to 19 year old

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 municipality) minus the numerator (number of teen births) is less than 10.

B. Municipality has 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. Black-White inequity rate is only calculated if both the black and white female population for 15 to 19 years old has at least 50 females.

D. The '∞' symbol means the white rate = 0.0 and it is not possible to divide by 0.

E. Descending rank order was used; a rank of '1' means the municipality has the highest teen birth rank in that category.

F. Ranking teen birth data occurred if at least 50 females 15 to 19 years old as well as for each race group.

References

1. ODH, Bureau of Vital Statistics. 2017 Teen birth data. Via the Secure Ohio Public Health Information Warehouse.

2. U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates. Cuyahoga County subdivision teen population data. Available from: https://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml.

3. ODH, Bureau of Vital Statistics. 2016 Teen birth data. Via the Secure Ohio Public Health Information Warehouse.

4. U.S. Census Bureau, 2012-2016 American Community Survey 5-Year Estimates. Cuyahoga County subdivision teen population data. Available from: https://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml.

5. Martin JA, Hamilton BE, Osterman MJK, Driscoll AK, Drake P. Births: Final Data for 2017. National Vital Statistics Reports; vol 67 no 8. Hyattsville, MD: National Center for Health Statistics. 2018. Available from: https://www.cdc.gov/nchs/data/nvsr/nvsr67/nvsr67_08-508.pdf.

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