

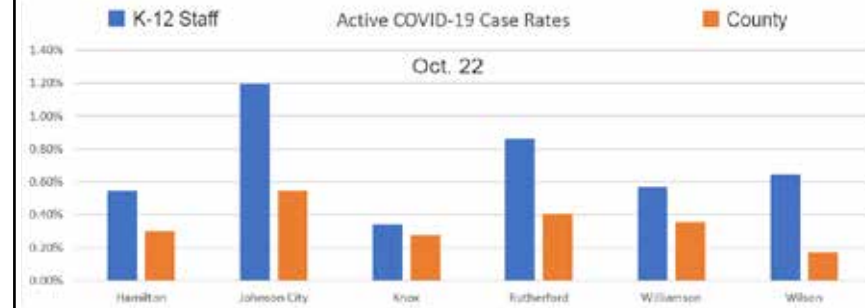
# Active Case Rates, K-12 Staff, Students, Counties



Active case rates are the percentage of a population or group with a current confirmed case of COVID-19. TDH defines the interval of an active case as 14-days from a positive test, transitioning from active to inactive/recovered after the 14-day period or of a result in death.

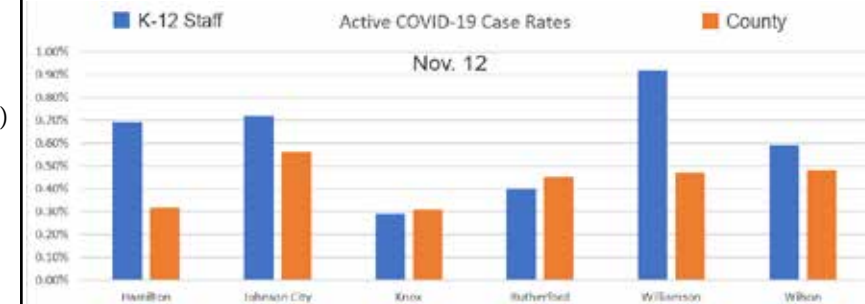
## October 22, 2020

	ACTIVE CASES STAFF	ACTIVE CASES STUDENTS	NUMBER STAFF	NUMBER STUDENTS	ACTIVE RATE STAFF	ACTIVE RATE STUDENTS	ACTIVE RATE COUNTY
Hamilton	24	28	5645	40258	0.42%	0.07%	0.22%
Johnson City	10	16	1252	7945	0.80%	0.20%	0.37% ( <i>Washington Co.</i> )
Knox	30	51	7925	61222	0.38%	0.08%	0.23%
Rutherford	21	27	5223	48708	0.40%	0.06%	0.26%
Williamson	26	76	3693	40258	0.70%	0.19%	0.29%
Wilson	11	31	3415	18300	0.32%	0.17%	0.31%
	AVERAGE				0.50%	0.13%	0.28%



## November 12, 2020

	ACTIVE CASES STAFF	ACTIVE CASES STUDENTS	NUMBER STAFF	NUMBER STUDENTS	ACTIVE RATE STAFF	ACTIVE RATE STUDENTS	ACTIVE RATE COUNTY
Hamilton	39	72	5645	40258	0.69%	0.18%	0.32%
Johnson City	9	24	1252	7945	0.72%	0.30%	0.56% ( <i>Washington Co.</i> )
Knox	23	47	7925	61222	0.29%	0.08%	0.31%
Rutherford	21	75	5223	48708	0.40%	0.15%	0.45%
Williamson	34	110	3693	40258	0.92%	0.27%	0.47%
Wilson	20	68	3415	18300	0.59%	0.37%	0.48%
	AVERAGE				0.60%	0.23%	0.43%



### Sources:

Hamilton: [https://www.hcde.org/parents\\_\\_students/covid-19/hcs\\_reporting\\_data](https://www.hcde.org/parents__students/covid-19/hcs_reporting_data)  
 Johnson City: <https://www.jcschools.org/Content/76>  
 Knox: <https://www.knoxschools.org/covid>

Rutherford: <https://rutherfordsource.com/covid-19-dashboard-new-cases-in-schools/>  
 Williamson: <https://www.wcs.edu/covid-19>  
 Wilson: <https://www.wcschools.com/Page/4880>

# Estimated undercount of student infections, TDOE Dashboard

The Tennessee Department of Education “cannot verify and makes no representations regarding the accuracy of the data” presented on its COVID-19 dashboard. To understand the reporting error TEA uses Tennessee Department of Health’s 5-18 years old infection data. Estimating approximately 65% of Tennessee’s 5-18 population are attending classes in-person, a larger number of student infections occur.

	TDOH 5-18 CASES	.65 of 5-18 CASES	TDOE STUDENT CASES
Week of Nov 1-7	2,410	1,556	744
Week of Nov 8-14	3,038	1,974	952

*Methodolgy of 65% of 5-18 year cohort has attended or is attending school in person:  
Approximately 9% of cohort attends private school or is homeschooled, Shelby County Schools (11%), grades 6-12 of Metro-Nashville Schools (4%) and one-in six students in all other school districts (11%) are estimated to be learning remotely (35%).*

# Estimated undercount of K-12 staff COVID-19 cases, TDOE Dashboard

	TDOE STAFF CASES	ESTIMATE STAFF CASES
Week of Oct 22	358	623
Week of Nov 12	484	747

*Methodolgy:  
Using six local school system COVID-19 dashboards representing approximately 23% of all students in Tennessee, TEA estimates there are 124,540 K-12 staff employed by LEAs. Using the average active case rates from these systems, TEA generates an estimate of statewide K-12 staff COVID-19 infections.*

**Sources:**

TDOH: <https://www.tn.gov/content/dam/tn/health/documents/cedep/novel-coronavirus/datasets/Table-of-School-Aged-COVID-Cases.pdf>  
 TDOE: <https://districtinformation.tnedu.gov/covid-information/search/-1>

