

Our number one goal is the health and safety of our students and their families, and we always consider this goal when making decisions regarding how to provide an exceptional academic learning environment for our students while being sensitive to individual student and family needs.

Data Analysis Summary

In the analysis below we want to help our families understand why we are concerned with current cases.

1. Data used by Maricopa County to publish reports and make decisions for schools comes from previous weeks, which have less cases than we are experiencing today.
2. Those current reports demonstrate substantial spread within the zip codes in which we operate, which are two weeks behind.
3. Current data shows that COVID cases in our zip codes are nearly 2 times higher than reports demonstrate due to lagging data.
4. As expected, current reports indicate that we are experiencing substantial widespread transmission, and we expect with current data, reports in the coming weeks will demonstrate higher levels of transmission.

Figure 1: Current ADHS benchmark data for Schools (Maricopa County)

In recent weeks, all three metrics, *Cases per 100,000 individuals, percent positivity and hospital visits* have increased into the substantial spread category for Maricopa County (See Figure 1). In Maricopa County, *all three metrics* noted have been above the benchmarks for the week of December 13th and the week of December 20th.

Select a county to filter the data.



What is this dashboard?

DHS County-Level School Benchmarks
This dashboard is used to determine the level of community spread of COVID-19 in Arizona and assist with decision making for the types of delivery model schools may consider.

Time Frame
This dashboard does not look at the past two weeks due to potential lags in data.

Substantial Transmission
>100 cases per 100k, >10% percent positivity, >10% COVID-like illness

Moderate Transmission
10 - 100 cases per 100k, 5 - 10% percent positivity, 5 - 10% COVID-like illness

Minimal Transmission
<10 cases per 100k, <5% percent positivity, <5% COVID-like illness

Hover over the icon to get more information on the data in this dashboard.



Date Updated: 1/7/2021

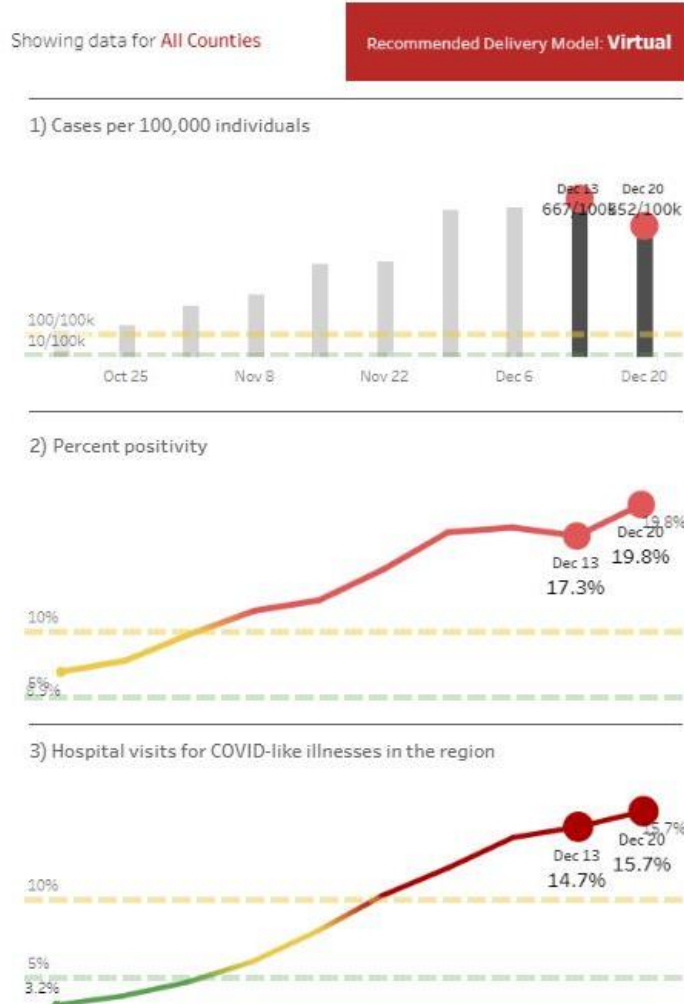


Figure 2: ADHS positive cases by day

The reason the above data is concerning is that the benchmark metric data released each Thursday by the ADHS includes data that is delayed by two weeks. For example, the most recent benchmark metric data released on January 7, 2020 is updated with data through the week of December 20, 2020. Since December 20nd, the [Laboratory Testing](#) and [Confirmed COVID-19 Cases by Day](#) data suggest that the number of COVID-19 *Cases per 100,000 individuals*, the *Percent Positivity* metrics continue to increase (see Figure 2 and Figure). This raises concerns that benchmark metric data releasing on Thursday, January 14th (to include data for the week of December 27) will continue to show increases in both of these benchmarks as well as *Hospital Visits*. Because both the Laboratory Testing and Confirmed COVID-19 Cases by Day data is Statewide, it is impossible to predict the results of this data for Maricopa county specifically, but it appears to be safe to assume that all three-benchmark metrics will increase when data is released each Thursday for at least the next two weeks.

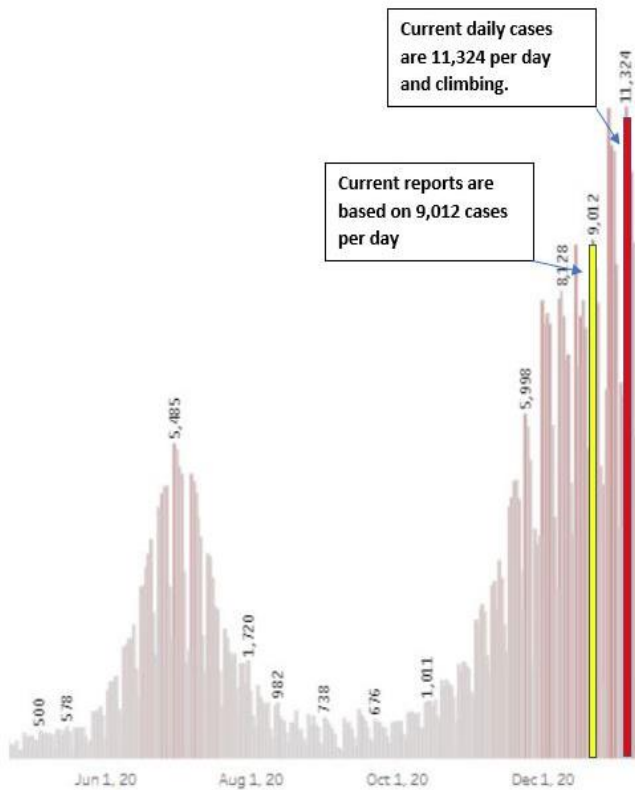
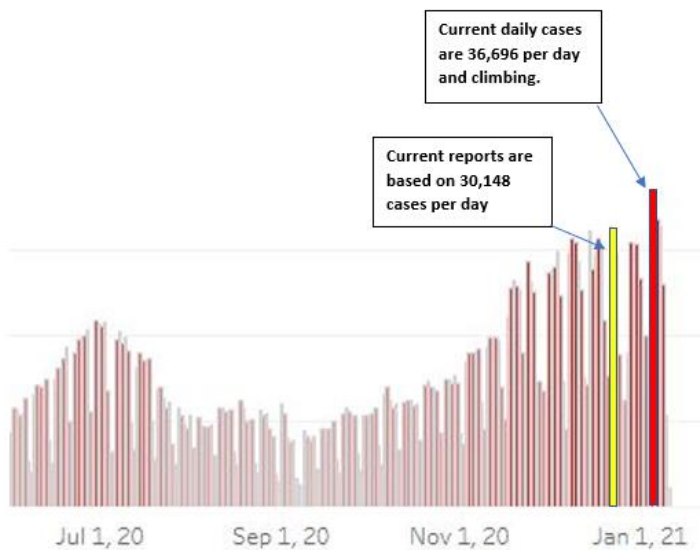


Figure 3: ADHS total number of tests by date of collection





Maricopa County also releases COVID-19 data by zip code to help schools make decisions based on more localized data. The zip code data for both our North Chandler and South Phoenix campuses are presented in Figures 4 and 5, respectively, below. All zip codes adjacent to both School campuses show *Cases per 100,000 individuals* more four times the 100/100,000 benchmark. Additionally, *Percent Positivity* at both School campuses is increasing over the most recently released 2-week period and is over the 10 percent benchmark. As mentioned above, because this data is delayed by two weeks, we anticipate it is possible for both *Cases per 100,000 individuals* and *Percent Positivity* benchmarks to continue to rise and or maintain above the threshold in zip codes adjacent to both campuses when updated data is released on January 14, 2021. Based on the [Safely Returning to In-Person Instruction](#) guidance provided by the ADHS, when multiple benchmarks move to a greater-risk category, schools should consider transitioning their learning environment to the appropriate risk model (see page 6 of the Safely Returning document).

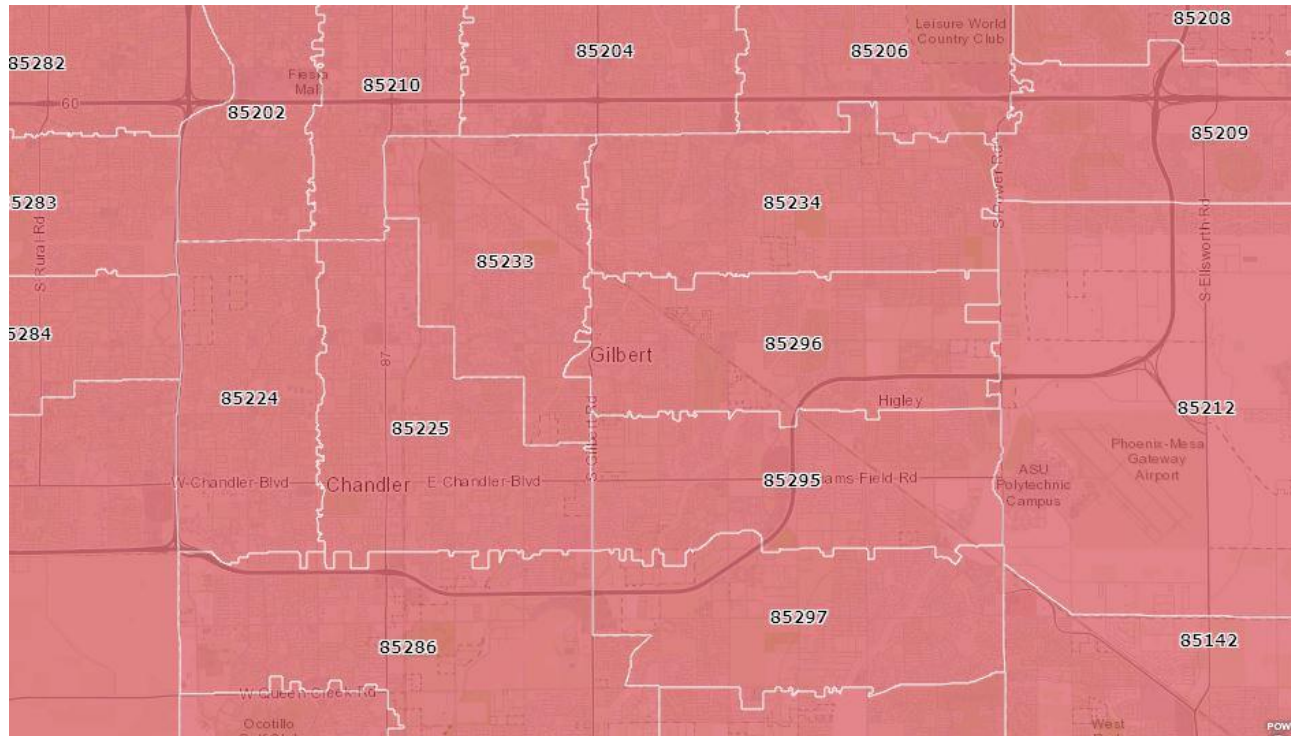
The continued substantial spread of COVID-19 in our communities, has led us to make the decision to continue online learning until metrics are met. We will, however, continue to provide on-site services to students who need in-person support throughout this time including a safe space to participate in online learning, transportation services where necessary, and the free school breakfast and lunch programs. Please contact your school administration for information.

***Our Skyline Gila River Campus anticipates continuing to learn online and will continue to wait to hear from Gila River Indian Community Governor, Mr. Lewis, in January regarding additional community guidance. Student may still come to campus if needed to participate in online learning. Please contact your school administration for information.*

This analysis is comprised of the most recent data released through the [Arizona Department of Health Services \(ADHS\) COVID-19 Dashboard](#) and the [Maricopa County dashboard for schools](#).

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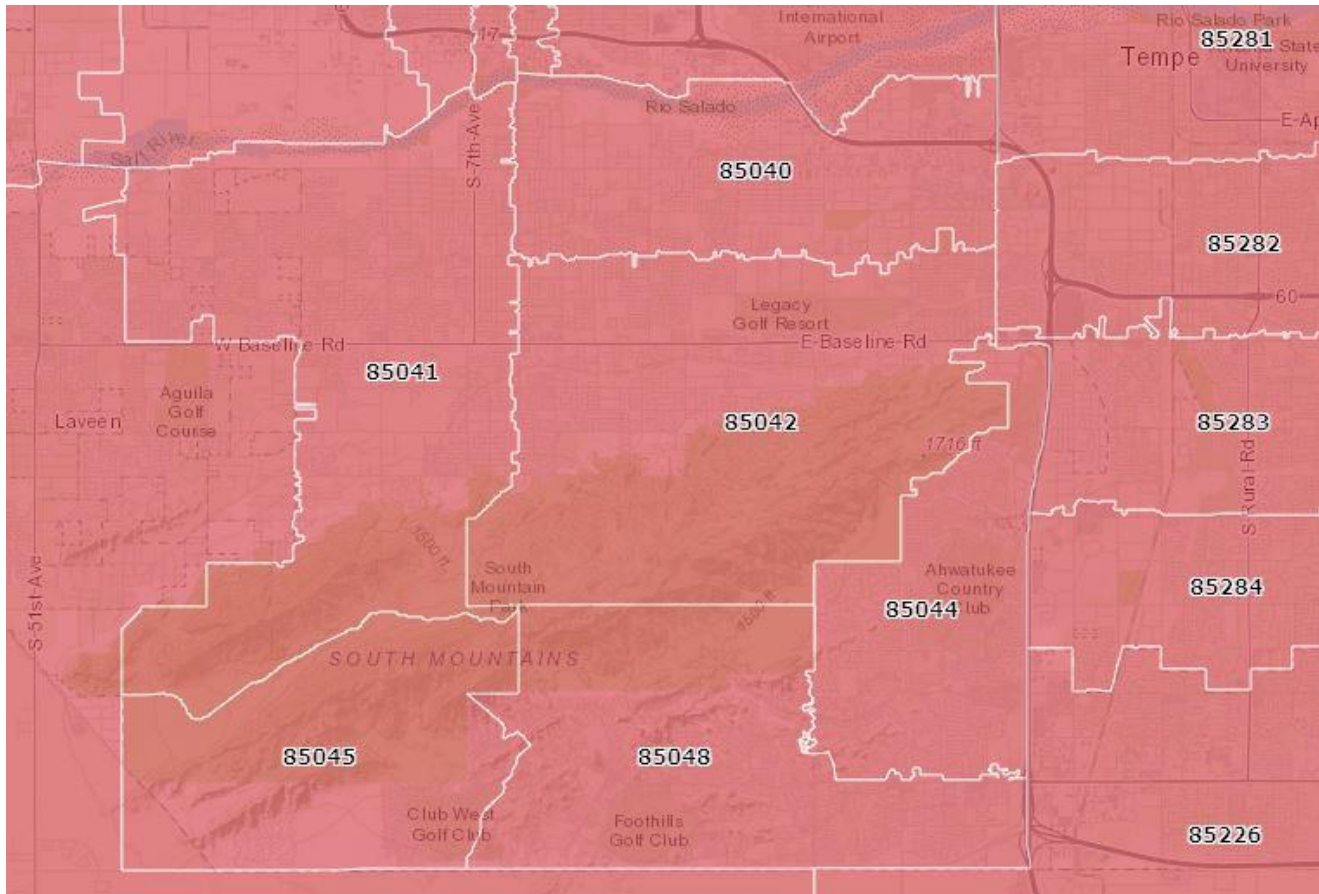
Figure 4: Current Maricopa County School Metrics by Zip Code (Chandler)



Zip Code	Current Risk Level	Recommended Learning Scenario	Week of Dec 20~Dec 26			Week of Dec 13~Dec 19		
			Cases per 100k	Percent Positivity	Covid-Like Illness	Cases per 100k	Percent Positivity	Covid-Like Illness
85225	Substantial	Virtual w/ Onsite Support	534.90	20.05%	12.90%	593.90	14.76%	12.80%
85224	Substantial	Virtual w/ Onsite Support	470.51	15.46%	12.90%	498.70	11.89%	12.80%
85286	Substantial	Virtual w/ Onsite Support	554.16	16.24%	12.90%	604.35	13.75%	12.80%
85297	Substantial	Virtual w/ Onsite Support	508.68	17.74%	12.90%	729.85	15.86%	12.80%
85295	Substantial	Virtual w/ Onsite Support	539.60	18.86%	12.90%	539.60	18.86%	12.90%
85296	Substantial	Virtual w/ Onsite Support	613.07	18.16%	12.90%	613.07	18.16%	12.90%
85233	Substantial	Virtual w/ Onsite Support	577.02	20.37%	12.90%	540.03	13.88%	12.80%
85210	Substantial	Virtual w/ Onsite Support	506.33	20.43%	12.90%	663.64	18.76%	12.80%

- All surrounding zip codes have Cases per 100k greater than 100.
- All surrounding zip codes have Cases per 100k greater than 400 or more, more than 4 times the benchmark.
- All surrounding zip codes have increased Percent Positivity between the two weeks.
- All surrounding zip codes have Percent Positivity greater than 12%.
- Positive Cases by day continue to increase, so we expect both Cases per 100k and Percent Positivity to increase for the weeks of December 27 and January 3.

Figure 5: Current Maricopa County School Metrics by Zip Code (Phoenix)



Zip Code	Student Count	Current Risk Level	Recommended Learning Scenario	Week of Dec 20~Dec 26			Week of Dec 13~Dec 19		
				Cases per 100k	Percent Positivity	Covid-Like Illness	Cases per 100k	Percent Positivity	Covid-Like Illness
85042		Substantial	Virtual w/ Onsite Support	619.02	22.79%	12.90%	634.89	17.65%	12.80%
85040		Substantial	Virtual w/ Onsite Support	528.56	25.15%	12.90%	631.25	25.24%	12.80%
85041		Substantial	Virtual w/ Onsite Support	575.84	28.51%	12.90%	608.79	21.98%	12.80%
85045		Substantial	Virtual w/ Onsite Support	453.43	15.56%	12.80%	563.73	12.68%	12.80%
85048		Substantial	Virtual w/ Onsite Support	471.07	12.03%	12.90%	459.92	10.25%	12.80%
85044		Substantial	Virtual w/ Onsite Support	372.84	11.94%	12.90%	466.65	11.07%	12.80%
85282		Substantial	Virtual w/ Onsite Support	446.49	15.05%	12.90%	477.35	11.46%	12.80%

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