



State of Utah

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July 14, 2021

Dear County Official,

The state's COVID-19 Transmission Index is an advisory tool you can use to monitor the spread of COVID-19 in your communities. The index offers guidance on steps individuals and businesses can take to help limit the spread of COVID-19. Visit <https://coronavirus.utah.gov/utah-health-guidance-levels/> to learn more about these steps.

We update the Transmission Index on a weekly basis. Based on current public health metrics, counties will be placed in the following levels effective Thursday, July 15, 2021.

High	Moderate	Low
Box Elder	Cache	Beaver
Carbon	Davis	Daggett
Duchesne	Emery	Garfield
Iron	Morgan	Grand*
Juab	Salt Lake	Kane
Millard	Summit	Piute
San Juan	Wasatch	Rich
Sanpete	Weber	Wayne
Sevier		
Tooele		
Uintah		
Utah*		
Washington		

**Counties in bold and italics changed levels this week.*

Along with this letter you will find the current evaluation metrics used to place each county at each level.

Depending on your index level, you may wish to consider contacting your local health department to discuss measures to address transmission. Testing and vaccination, along with prevention measures described here: <https://coronavirus.utah.gov/utah-health-guidance-levels/>, remain the best way to help communities prevent and control COVID-19 transmission. Another easy way for businesses, churches, or other organizations to request a vaccine clinic is through <https://coronavirus.utah.gov/vaccine-event-request/>.

Sincerely,

Nate Checketts
Interim Executive Director
Utah Department of Health

County Evaluation Matrix

THIS INFORMATION IS PROVIDED FOR STATE OF UTAH AUTHORIZED COVID-19 RESPONSE
AND THEREFORE FOR OFFICIAL USE ONLY (FOUO)

Hospital Utilization data (UHRMS) last refreshed: **Jul 14 at 12:46 PM**

All other health data (EPITrax) last refreshed: **Jul 14 at 12:30 PM**

Data below represents the day prior to the refresh date

July 14th, 2021

County Name	Last Officially Announced Transm Index	Transm Index (excl prisoner s)	14 Day Case Count (excl prisoner s)	14 Day Case Rate per 100k (excl prisoner s)	7 Day Avg Percent Positives (+tests/t ests)	Statewid e ICU Utilizati on (7 day avg)	Statewid e ICU COVID Utilizati on (7 day avg)	7 Day Avg Non-ICU Utiliz	Total Tests per 100k People	14 Day Avg Time to Intervie w a Case	14 Day Avg Time to Notify a Contact	Hospz Growth Rate	Cumulat ive Deaths per 100k	Cumulat ive Case Fatality Ratio	7 Day Avg Percent Positives
Beaver County	Low - for 76 days	Low	14.00	208.64	11.11%	79.3%	18.9%	61.5%	96	1.42	0.57	0.00	119.2	0.98%	17.24%
Box Elder County	High - for 6 days	High	77.00	137.39	10.57%	79.3%	18.9%	61.5%	111	1.22	1.00	0.71	107.1	1.04%	14.09%
Cache County	Moderate - for 34 days	Moderate	140.00	109.13	5.46%	79.3%	18.9%	61.5%	134	1.22	1.00	1.38	40.5	0.31%	8.83%
Carbon County	High - for 6 days	High	72.00	351.85	11.08%	79.3%	18.9%	61.5%	228	2.02		0.33	92.9	1.07%	15.91%
Daggett County	Low - for 273 days	Low	0.00	0.00	0.00%	79.3%	18.9%	61.5%	30	2.43	0.00	0.00	0.0	0.00%	0.00%
Davis County	Moderate - for 34 days	Moderate	674.00	189.60	8.11%	79.3%	18.9%	61.5%	190	1.13	0.19	1.24	52.0	0.46%	12.43%
Duchesne County	High - for 6 days	High	43.00	215.67	16.27%	79.3%	18.9%	61.5%	125	2.43	0.00	0.43	45.1	0.63%	20.66%
Emery County	Moderate - for 6 days	Low*	12.00	119.86	7.84%	79.3%	18.9%	61.5%	138	2.02			69.9	0.73%	10.00%
Garfield County	Low - for 104 days	Low	4.00	79.19	6.45%	79.3%	18.9%	61.5%	71	1.42	0.57		178.2	1.90%	9.52%
Grand County	Moderate - for 27 days	Low	14.00	143.53	6.67%	79.3%	18.9%	61.5%	167	2.02		0.00	41.0	0.38%	9.23%
Iron County	High - for 6 days	High	139.00	253.47	12.20%	79.3%	18.9%	61.5%	182	1.42	0.57	4.00	72.9	0.64%	25.38%
Juab County	High - for 6 days	High	41.00	341.18	17.36%	79.3%	18.9%	61.5%	165	0.60	0.00	6.00	99.9	0.87%	27.40%
Kane County	Low - for 6 days	Low	5.00	63.40	0.00%	79.3%	18.9%	61.5%	85	1.42	0.57	0.00	88.8	0.97%	0.00%
Millard County	High - for 6 days	High	31.00	235.06	13.18%	79.3%	18.9%	61.5%	142	0.60	0.00	2.00	106.2	0.92%	23.19%
Morgan County	Moderate - for 27 days	Moderate	15.00	123.72	7.45%	79.3%	18.9%	61.5%	124	2.92	0.09	0.00	90.7	0.82%	10.45%
Piute County	Low - for 173 days	Low	0.00	0.00	0.00%	79.3%	18.9%	61.5%	39	0.60	0.00	0.00	67.6	0.99%	0.00%
Rich County	Low - for 153 days	Low	2.00	80.55	0.00%	79.3%	18.9%	61.5%	69	1.22	1.00	0.00	0.0	0.00%	0.00%
Salt Lake County	Moderate - for 27 days	Moderate	2,022.00	174.24	8.34%	79.3%	18.9%	61.5%	189	1.87	0.32	1.11	79.5	0.59%	11.82%
San Juan County	High - for 6 days	High	20.00	130.65	14.47%	79.3%	18.9%	61.5%	87			1.00	241.7	1.95%	16.67%
Sanpete County	High - for 6 days	Moderate*	41.00	132.52	6.79%	79.3%	18.9%	61.5%	190	0.60	0.00	0.50	90.5	0.71%	10.22%
Sevier County	High - for 6 days	Moderate*	34.00	157.26	9.20%	79.3%	18.9%	61.5%	139	0.60	0.00	0.00	69.4	0.66%	17.05%
Summit County	Moderate - for 13 days	Moderate	58.00	137.62	5.09%	79.3%	18.9%	61.5%	224	1.02	0.26	2.00	35.6	0.26%	6.67%
Tooele County	High - for 6 days	Moderate*	154.00	213.12	7.77%	79.3%	18.9%	61.5%	217	3.58	0.47	1.00	65.0	0.61%	12.65%
Uintah County	High - for 6 days	High	198.00	554.09	21.17%	79.3%	18.9%	61.5%	191	2.43	0.00	0.24	75.6	0.86%	30.42%
Utah County	Moderate - for 27 days	High	1,344.00	211.24	10.96%	79.3%	18.9%	61.5%	175	1.49	0.13	1.02	64.1	0.41%	14.94%
Wasatch County	Moderate - for 13 days	Moderate	39.00	114.40	7.28%	79.3%	18.9%	61.5%	129	1.40		2.00	64.5	0.46%	9.68%
Washington County	High - for 6 days	High	347.00	195.43	13.99%	79.3%	18.9%	61.5%	124	1.42	0.57	2.19	123.3	1.00%	19.26%
Wayne County	Low - for 146 days	Low	4.00	147.55	14.29%	79.3%	18.9%	61.5%	95	0.60	0.00		0.0	0.00%	18.18%
Weber County	Moderate - for 146 days	Moderate	522.00	200.60	8.66%	79.3%	18.9%	61.5%	184	2.92	0.09	1.09	82.6	0.69%	15.00%

Date Range - Case Count & Rate	Date Range - Percent Positivity	Date Range - ICU Hospital Utilization	Date Range - ICU COVID Hospital Utilization
2021-06-29 to 2021-07-13	2021-07-01 to 2021-07-08	2021-07-06 to 2021-07-13	2021-07-06 to 2021-07-13

Thresholds for the Recommendation & Top 3 Measures

Transmission Level	COVID-19 Transmission Index	<i>Top Measure #1:</i> 14 Day Case Rate per 100k People	<i>Top Measure #2:</i> 7 Day Avg Percent Positivity	<i>Top Measure #3:</i> 7 Day Avg ICU Utilization* & 7 Day Avg ICU COVID** Utilization
High	At least 2 of the top 3 measures meet the high criteria	≥ 325	$\geq 10\%$	Total ICU Utilization $\geq 72\%$ AND COVID-19 ICU Utilization $\geq 15\%$
Moderate	Does not meet either criteria above or below	101 to 324.99 (OR Does not meet either criteria above or below)	5.1% to 9.99% (OR Does not meet either criteria above or below)	Total ICU Utilization 69-71.99% AND COVID-19 ICU Utilization 6-14.99% (OR Does not meet either criteria above or below)
Low	At least two of the top 3 measures meet the Low criteria OR 14 Day Case Count is ≤ 20	< 101	$< 5.1\%$	Total ICU Utilization $< 69\%$ AND COVID-19 ICU Utilization $< 6\%$

14 Day Case Count ≤ 14	If a county is designated as a "Frontier" county with less than 6 people per square mile AND has ≤ 14 cases over the last 14 days, then the Transmission Index will automatically be listed as "Low" despite the behavior of the other measures. 14 Day Case Counts at this low level in Frontier counties represents sporadic cases within the county. If percent positivity is also Moderate or Low, then the sporadic cases are confirmed by adequate testing. Whereas if percent positivity is High, then more testing is recommended to confirm case incidence.
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*ICU Hospital Utilization: This measure represents statewide hospital utilization of all 582 ICU beds. Each county will NOT be evaluated based on the utilization only within their county.

**COVID Utilization: This measure includes both confirmed & suspect COVID patients occupying beds. All 582 ICU beds are used as the denominator here as well.

Supporting Measures: Additional measures listed in the matrix above, but not part of the index criteria, are considered supporting measures. They provide additional context to the top 3 measures but can also be used to more thoroughly evaluate counties. These measures have not been color coded based on thresholds and are not displayed in the Trends table.

Officially Announced Transmission Indices

Transmission Indices will be announced weekly on Thursdays by Governor Herbert. The table below show the historical announcements, while the table above shows the live/daily Indices. A snapshot of the County Evaluation Matrix that is officially announced will be attached to the Appendix of this page in PDF form as well.

[illegible]