

## Supplementary Materials

**Table S1.** Detailed information of media sources used in this study.

Name	Website	Media Type
Capital West News	<a href="https://capwestnews.org/">https://capwestnews.org/</a>	Digital Native <sup>1</sup>
gephardttdaily.com	<a href="http://gephardttdaily.com/">http://gephardttdaily.com/</a>	Digital Native
State News - United States - Utah	<a href="http://www.utah.statenews.net/">http://www.utah.statenews.net/</a>	Digital Native
stgeorgeutah.com	<a href="http://www.stgeorgeutah.com/#spider">http://www.stgeorgeutah.com/#spider</a>	Digital Native
cityweekly.net	<a href="http://cityweekly.net/">http://cityweekly.net/</a>	Print Native <sup>2</sup>
dailyutahchronicle.com	<a href="http://dailyutahchronicle.com/">http://dailyutahchronicle.com/</a>	Print Native
Deseret News	<a href="http://www.deseretnews.com">http://www.deseretnews.com</a>	Print Native
Globe - United States - Utah	<a href="http://www.globeslcc.com/">http://www.globeslcc.com/</a>	Print Native
Insider - United States	<a href="http://www.insiderutah.com/">http://www.insiderutah.com/</a>	Print Native
Leader - United States - Utah	<a href="http://www.tremontonleader.com/">http://www.tremontonleader.com/</a>	Print Native
moabsunnews.com	<a href="http://moabsunnews.com/">http://moabsunnews.com/</a>	Print Native
moabtimes.com	<a href="http://moabtimes.com/">http://moabtimes.com/</a>	Print Native
morgannews.com	<a href="http://morgannews.com/">http://morgannews.com/</a>	Print Native
Now Salt Lake	<a href="http://www.sltrib.com/entertainment">http://www.sltrib.com/entertainment</a>	Print Native
parkrecord.com	<a href="http://parkrecord.com/">http://parkrecord.com/</a>	Print Native
qsaltlake.com	<a href="http://qsaltlake.com">http://qsaltlake.com</a>	Print Native
saltlakemagazine.com	<a href="http://saltlakemagazine.com/">http://saltlakemagazine.com/</a>	Print Native
Sanpete Messenger	<a href="http://sanpetemessenger.com/">http://sanpetemessenger.com/</a>	Print Native
Signpost - United States	<a href="http://signpost.mywebermedia.com/">http://signpost.mywebermedia.com/</a>	Print Native
suindependent.com	<a href="http://suindependent.com/">http://suindependent.com/</a>	Print Native
SUUNews	<a href="https://suunews.net/">https://suunews.net/</a>	Print Native
The Salt Lake Tribune	<a href="http://www.sltrib.com/">http://www.sltrib.com/</a>	Print Native
thespectrum.com	<a href="http://www.thespectrum.com#spider">http://www.thespectrum.com#spider</a>	Print Native
Tooele Transcript Bulletin	<a href="http://tooeleonline.com/">http://tooeleonline.com/</a>	Print Native
universe.byu.edu	<a href="http://universe.byu.edu/">http://universe.byu.edu/</a>	Print Native
usustatesman.com	<a href="http://usustatesman.com/">http://usustatesman.com/</a>	Print Native
Utah Business	<a href="https://utahbusiness.com/">https://utahbusiness.com/</a>	Print Native
UVU Review	<a href="http://www.uvureview.com/">http://www.uvureview.com/</a>	Print Native
cachevalleydaily.com	<a href="http://cachevalleydaily.com/">http://cachevalleydaily.com/</a>	Video Broadcast <sup>3</sup>
ETV News	<a href="http://etv10news.com/">http://etv10news.com/</a>	Video Broadcast
fox13now.com	<a href="http://www.fox13now.com">http://www.fox13now.com</a>	Video Broadcast
good4utah.com	<a href="http://good4utah.com/">http://good4utah.com/</a>	Video Broadcast
kcpw.org	<a href="http://kcpw.org/">http://kcpw.org/</a>	Video Broadcast
KDXU	<a href="http://890kdxu.com/">http://890kdxu.com/</a>	Video Broadcast
KLO	<a href="http://www.kloradio.com/">http://www.kloradio.com/</a>	Video Broadcast
KOAL	<a href="http://www.castlecountrradio.com/">http://www.castlecountrradio.com/</a>	Video Broadcast
ksl.com	<a href="http://www.ksl.com/#spider">http://www.ksl.com/#spider</a>	Video Broadcast
kuer.org	<a href="http://kuer.org/">http://kuer.org/</a>	Video Broadcast
kutv.com	<a href="http://www.kutv.com/#spider">http://www.kutv.com/#spider</a>	Video Broadcast
upr.org	<a href="http://upr.org/">http://upr.org/</a>	Video Broadcast

<sup>1</sup> Digital Native: This source is internet-based. Use this for news sources that began on the internet first, organizational websites, and blogs. Examples: CDC, Vox, Scroll.in. <sup>2</sup> Print Native: This source is primarily a print publication. Use this for newspapers and magazines. Examples: *New York Times*, *The Economist*. <sup>3</sup> Video Broadcast: This source is primarily a broadcast TV station (i.e., video transcriptions or closed captions). Examples: CNN, Fox News.

**Table S2.** Total and annual average Air Quality Index days in the study period. State and Federal Holidays, in addition to holiday-influenced time periods (i.e., between Christmas week and the first week of the year), were not included in the analysis due to irregular transit travel patterns.

<b>Study Period Category</b>	<b>Green AQI Days</b>	<b>Yellow AQI Days</b>	<b>Orange AQI Days</b>	<b>Red AQI Days</b>	<b>Average Annual Study Days</b>
Annual	560	406	62	5	344
Winter	140	68	23	4	78
Spring	138	133	1	1	91
Summer	72	157	38	0	89
Fall	210	48	0	0	86
January	27	38	18	1	28
February	66	7	5	3	27
March	81	12	0	0	31
April	34	54	1	1	30
May	23	67	0	0	30
June	19	47	24	0	30
July	22	57	5	0	28
August	31	53	9	0	31
September	64	23	0	0	29
October	88	5	0	0	31
November	58	20	0	0	26
December	47	23	0	0	23

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