



# Regional Trends in Mobility & Housing

---

RPC Meetup

May 13, 2022

John E. Adams

**Interactive visuals and data:**

<https://vcgi.vermont.gov/RPC2022>





## *The Virus Sent Drones to a Small Town. Suddenly, It's Not So Small.*

The population boomed in Winhall, Vt., as people tried to get away from Covid-19 hot spots. Bear complaints are up. Plumbers are booked until Christmas. And the dump is “sheer pandemonium.”

Published: Sep 26, 2020

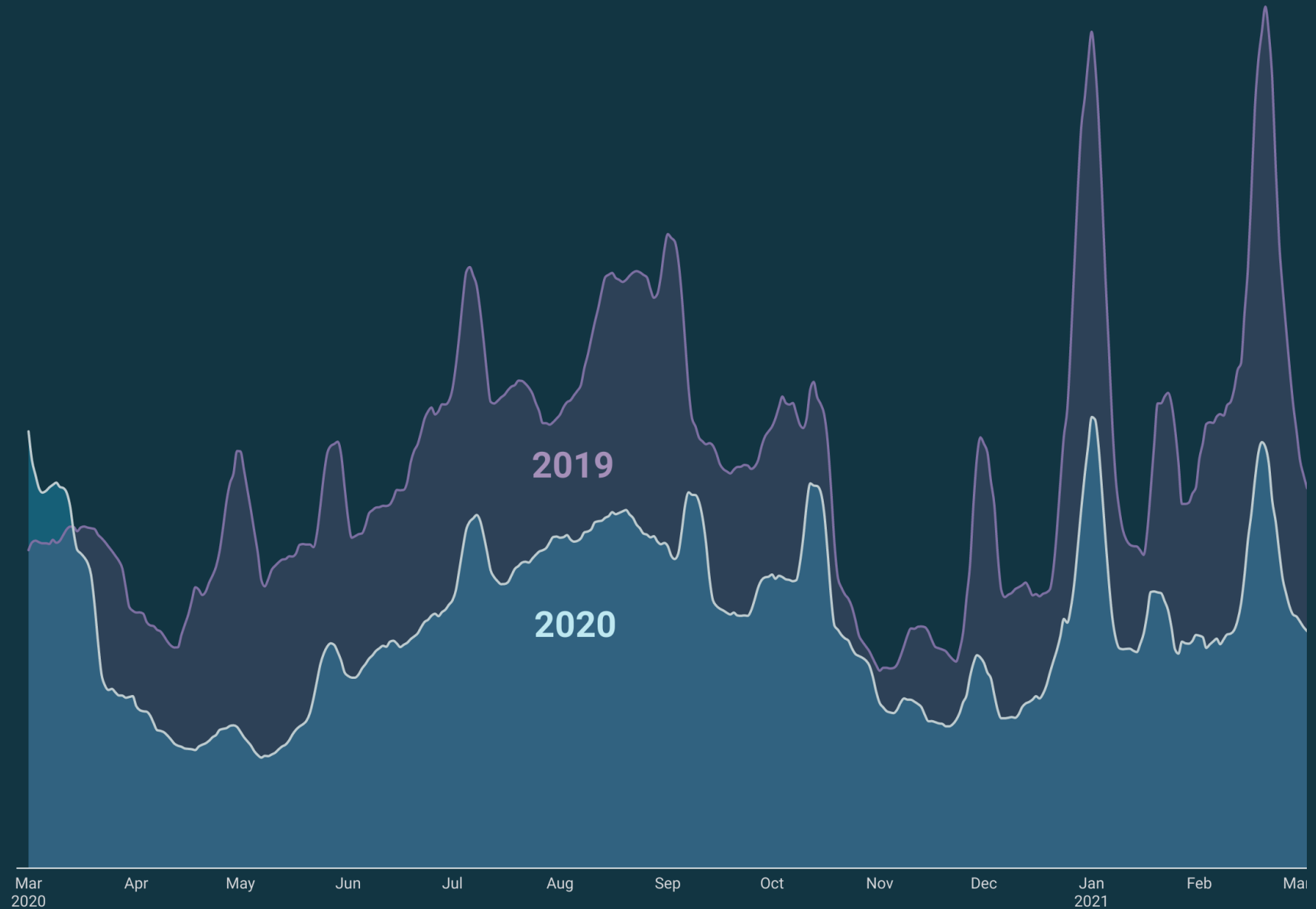


# Droves?

Mobility data suggesting we've never seen fewer out-of-state visitors to Vermont during the summer of 2020.

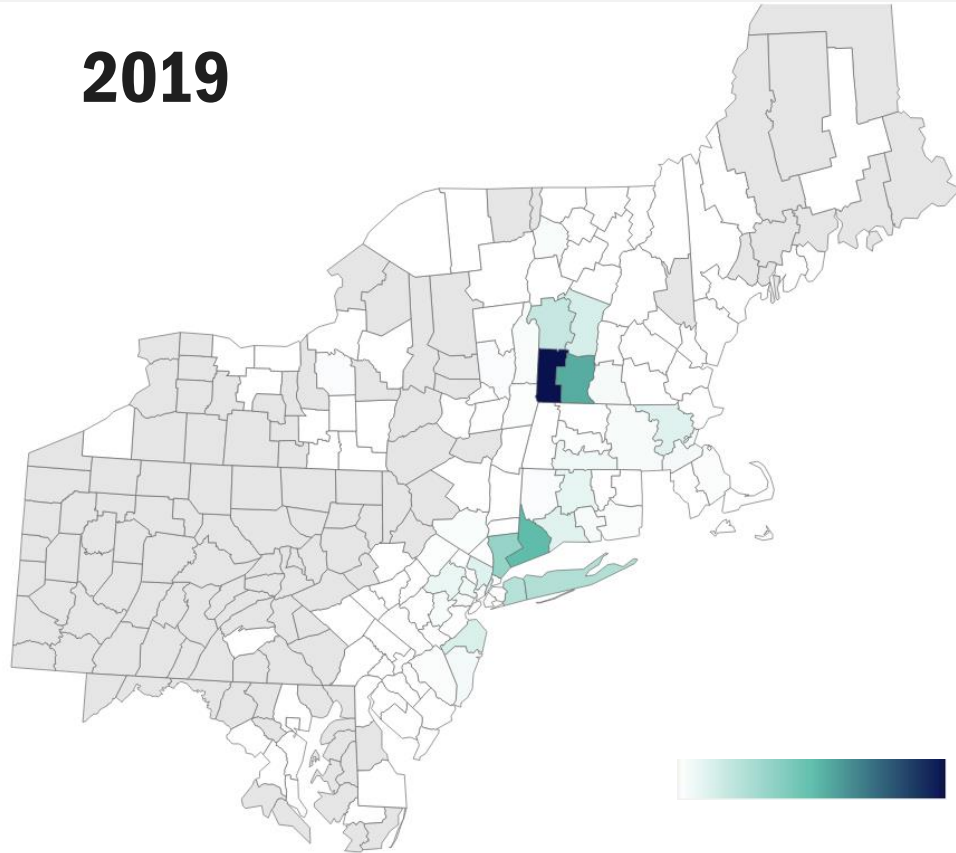
## Out-of-State Visitors to Vermont

Estimate of visitors uses 7-day average # mobile devices from out of state (3/1/2019 - 2/18/2021)

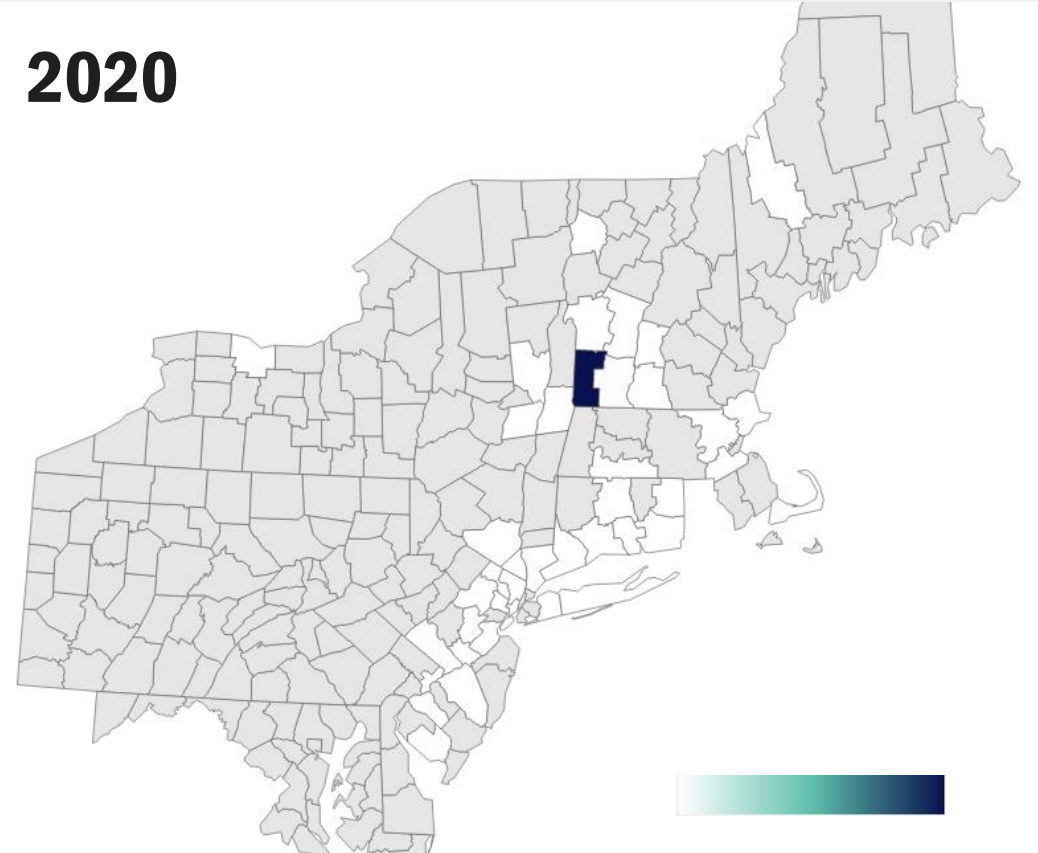


# Origin county of Winhall visitors.

2019



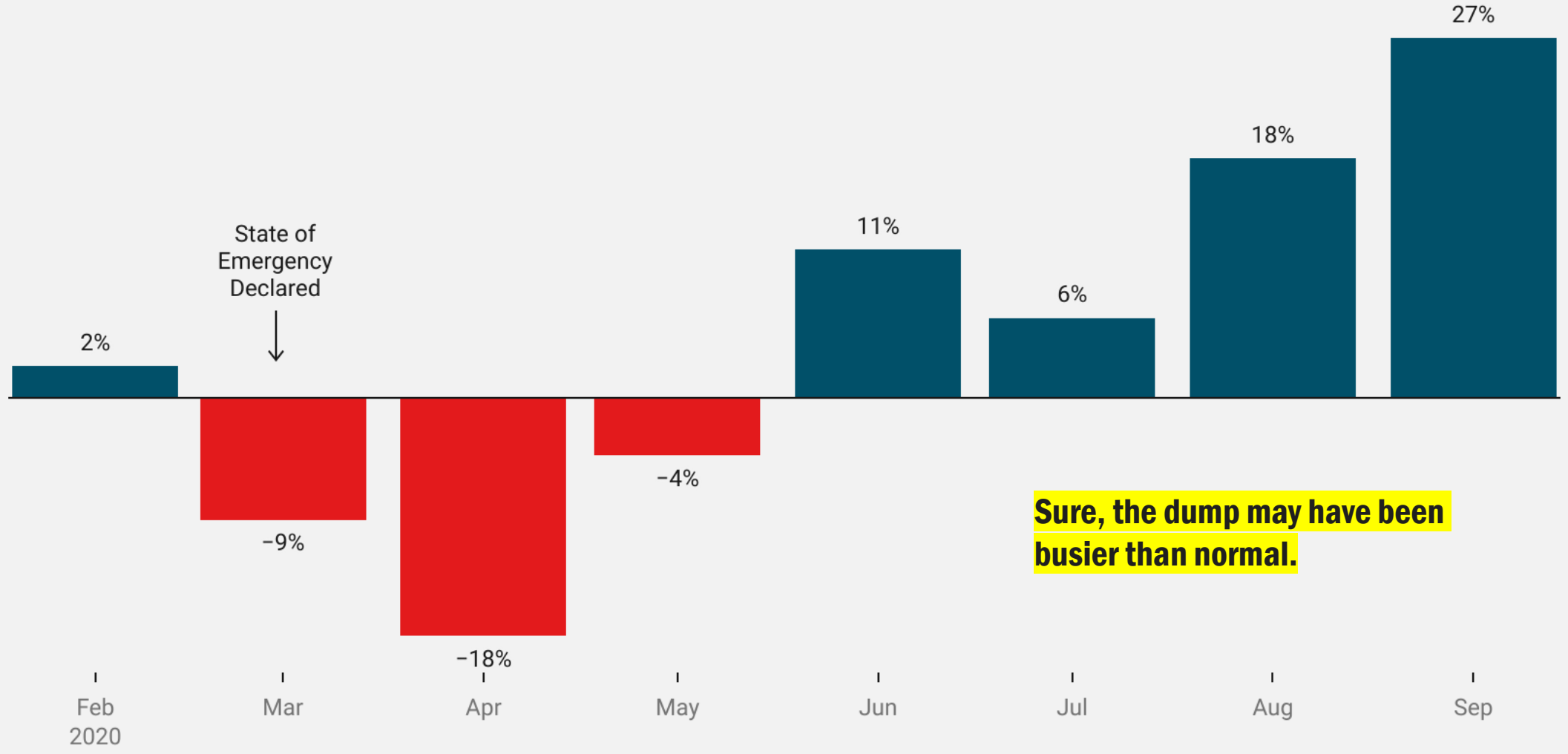
2020



**Winhall was not an exception.**

# 2019 vs 2020: Visits to Building Material and Supplies Dealers

Year-over-year monthly comparison of mobile device visits in Vermont.

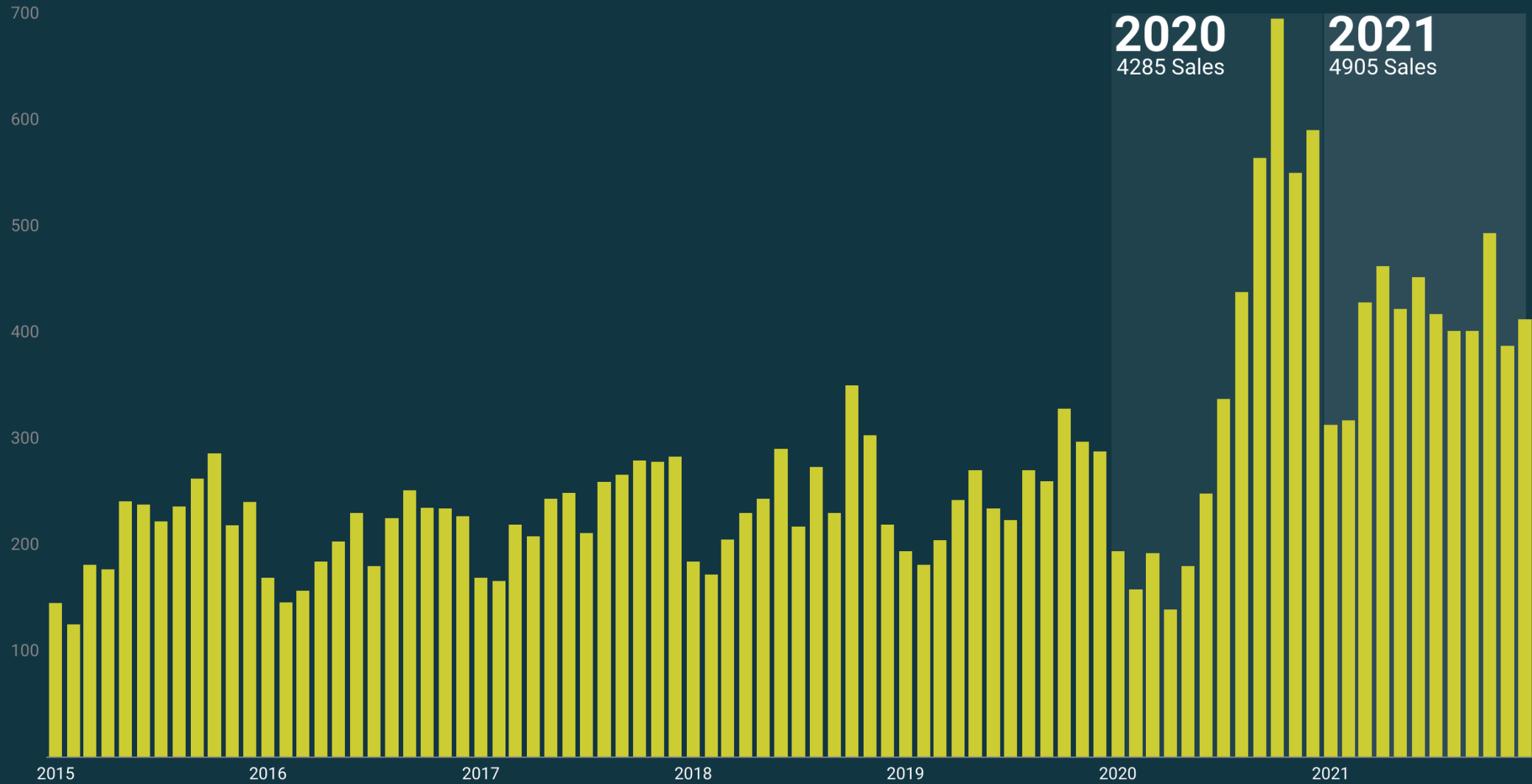


Data source: Safegraph

Chart: VCGI • Created with Datawrapper

# VT Property Sales to Buyers with Out-of-State Address

Total Monthly Sales

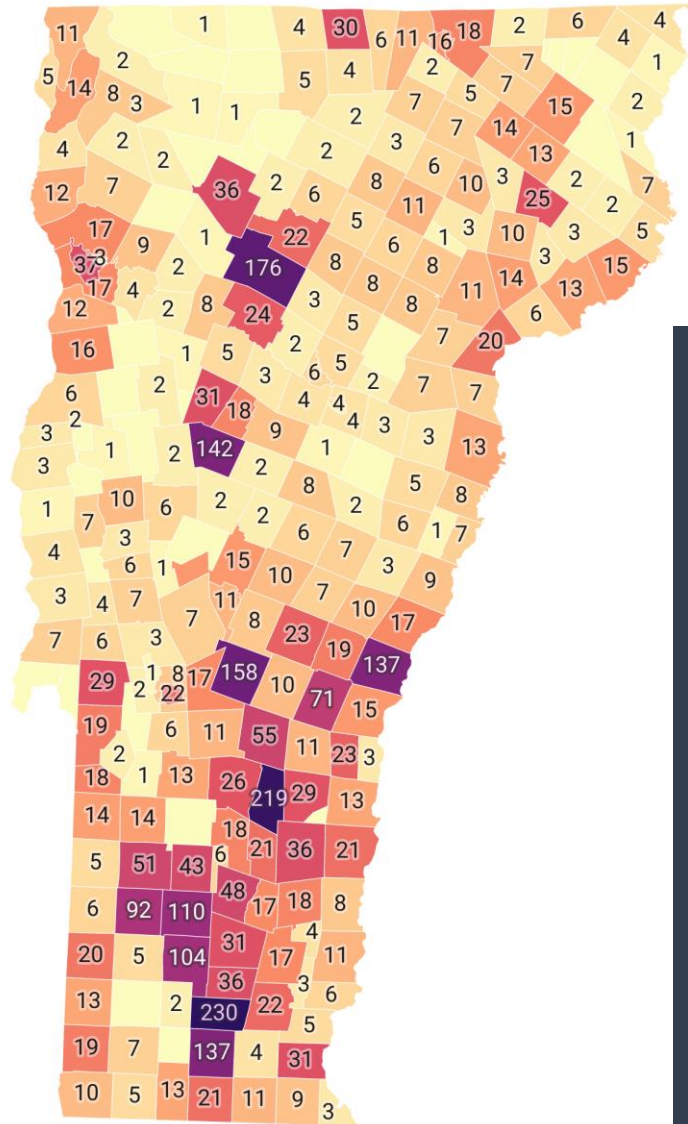


Transactions included are those over \$20,000 with buyer self reporting use as 'primary' residence, 'secondary' residence, or 'open land'.

Chart: VCGI • Source: VT Dept of Taxes • Created with **Datawrapper**

# Residential Property Sold to Out-of-State Buyers in 2020

# of transactions where buyer listed out of state mailing address



## VT Residential Property Sales to Out-of-State Buyers

Year	Total \$ amount of transactions	\$ as percent of all transactions
2015	703M	27%
2016	670.1M	25%
2017	766.3M	27%
2018	796.9M	27%
2019	805.7M	26%
2020	1.4B	34%
2021*	1.4B	33%

Transactions included are those over \$20,000 with buyer self reporting use as 'primary' or 'secondary' residence and buyer mailing address outside of Vermont in the property transfer tax return. \*2021 projected based on data available as of 10/10/21.

Table: VCGI • Source: VT Tax Dept • Created with Datawrapper

Transactions included are those over \$20,000 with buyer self reporting use as 'primary' or 'secondary' residence and buyer mailing address outside of Vermont in the property transfer tax return

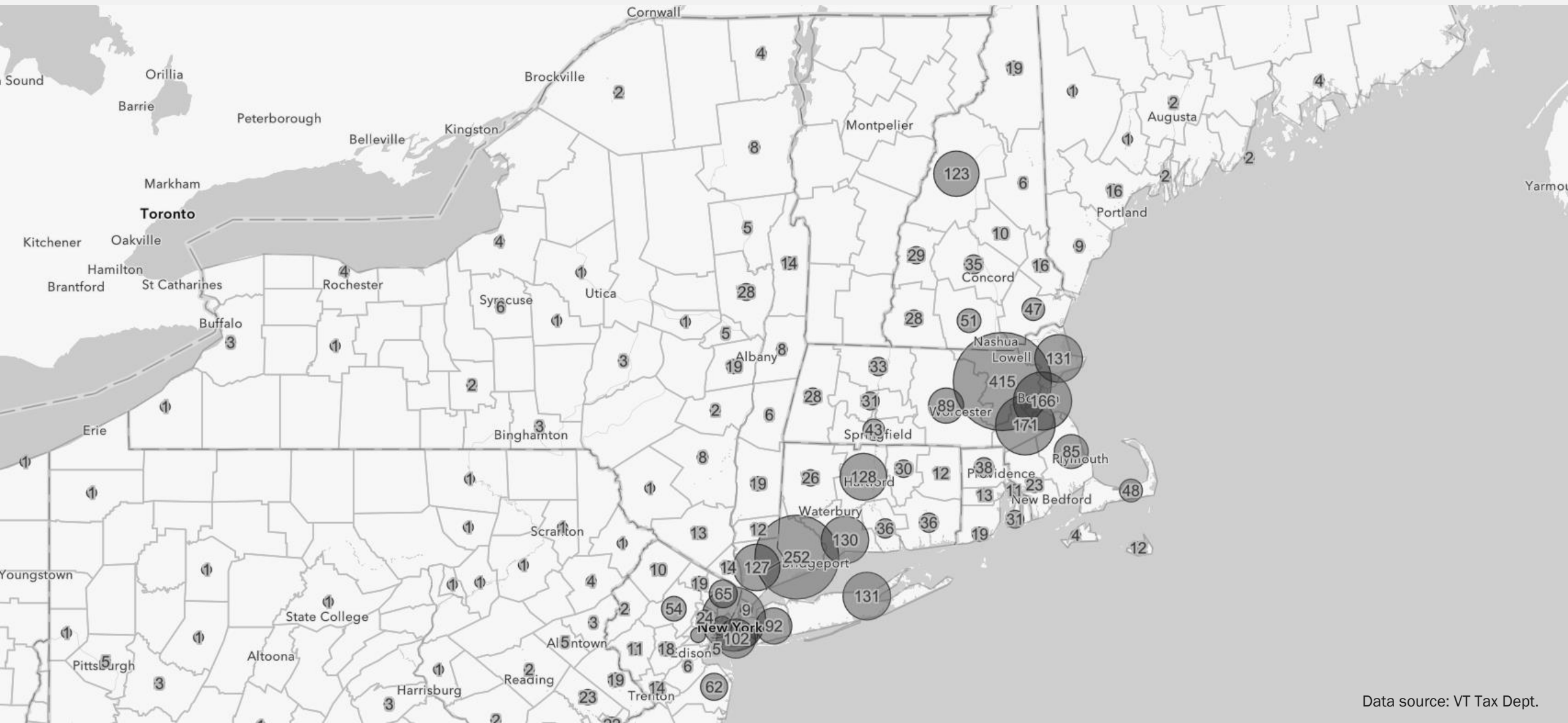
Map: VCGI • Source: VT Tax Dept • Created with Datawrapper

# Where are out-of-state home buyers coming from?





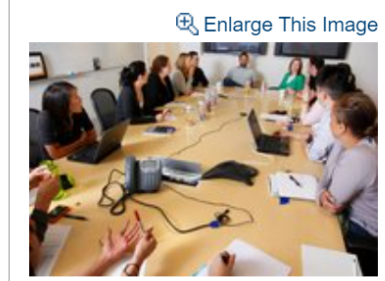
# Where are out-of-state home buyers coming from?



Data source: VT Tax Dept.

## Yahoo Orders Home Workers Back to the Office

By [CLAIRE CAIN MILLER](#) and [CATHERINE RAMPELL](#)  
Published: February 25, 2013



Damian Dovarganes/Associated Press

A memo from the company's human resources department says face-to-face interaction among employees fosters a more collaborative culture.

Since [Marissa Mayer](#) became chief executive of [Yahoo](#), she has been working hard to get the Internet pioneer off its deathbed and make it an innovator once again.

She started with free food and new smartphones for every employee, borrowing from the playbook of Google, her employer until last year. Now, though, Yahoo has made a

- FACEBOOK
- TWITTER
- GOOGLE+
- SAVE
- EMAIL
- SHARE
- PRINT
- REPRINTS

BUSINESS NEWS

## Why Are Big Companies Calling Their Remote Workers Back to the Office?

With companies such as Bank of America and IBM reducing or eliminating their telecommuting programs, what's behind the axing of a perk that works?

*The Atlantic*

BUSINESS

## When Working From Home Doesn't Work

IBM pioneered telecommuting. Now it wants people back in the office.  
By Jerry Useem

Updated on March 23, 2016

## Why Yahoo's Work From Home Decision Was Right

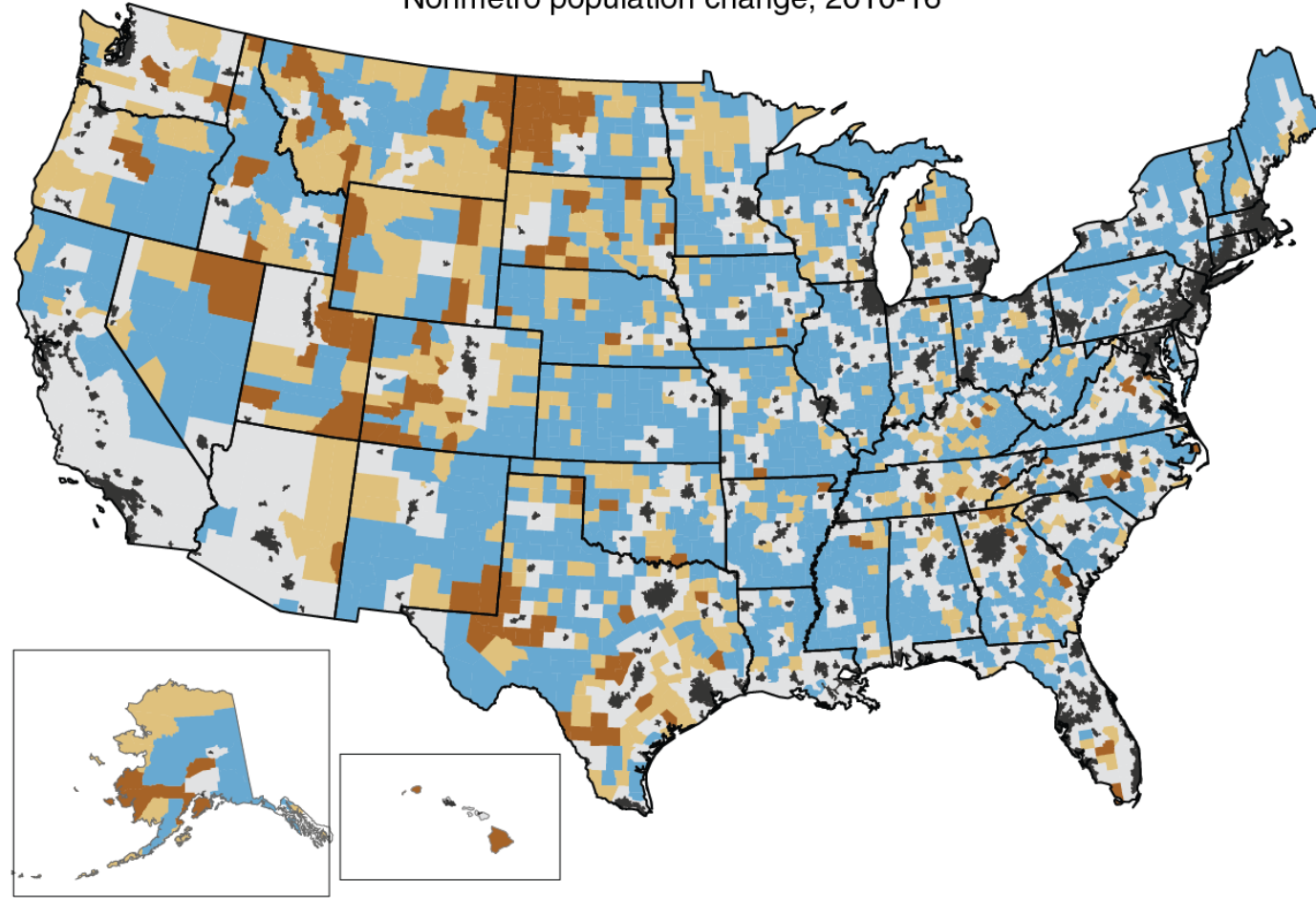


By Ned Smith, BusinessDailyNews Senior Writer | [BusinessNewsDaily](#)

**2010-2011?**

# Population loss now widespread in the Eastern United States

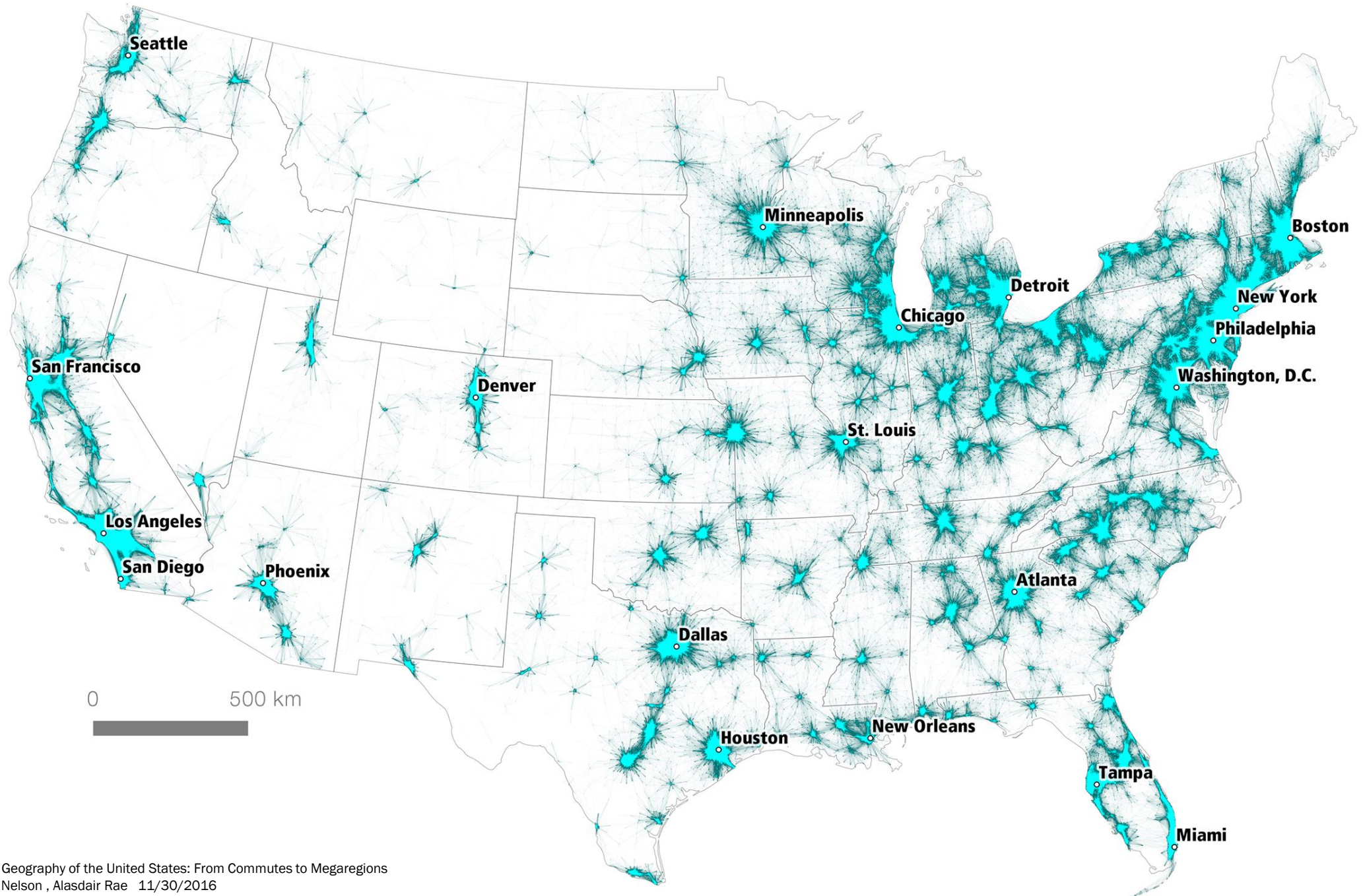
Nonmetro population change, 2010-16



- Population loss (1,351 counties)
- Population growth below 5 percent (487 counties)
- Population growth, 5 percent or higher (138 counties)
- Metro areas (1,166 counties)
- Urbanized areas

Source: USDA, Economic Research Service using data from the U.S. Census Bureau.





# 8 best comfortable work-from-home pants for men in 2021

For many remote workers, sweatpants have reigned supreme — these expert-recommended work-from-home pants and lounge pants might be just as comfortable.

STYLE /

## The 14 Best WFH Pants For Men To Wear in 2021



# 2021

### W.F.H. Pants



Our W.F.H. Pants offer sweatpant comfort, but they're polished enough to wear beyond working from home.

★★★★★ 4.6 (11) [Write a review](#)

Size:

[SIZE CHART](#)

Select size



Inseam:

Select inseam



# 2022?

### Slim WFH Pant

~~\$34.99~~ ~~\$99.50~~  
**Final Sale. No Returns.**

★★★★★  
13 Reviews

Color: Brown Houndstooth

~~28~~ ~~29~~ ~~30~~ ~~31~~ ~~32~~ 33 ~~34~~ ~~35~~  
~~36~~ ~~38~~ ~~40~~ ~~42~~ ~~44~~

Length: ~~SHORT~~ ~~REGULAR~~ LONG



★★★★☆ 164 Reviews

### The WFHQ Pant

~~\$119~~ ~~\$59~~ - Final Sale

Remarkably smart, soft & stretchy e-waist pants comfy enough for home but sharp enough for your HQ.

Color: Olive Grove

Pant Waist Find your waist

~~XS~~ ~~S~~ ~~M~~ **L** ~~XL~~

Pant Length

~~SHORT~~ ~~REG~~ **LONG**

**Final Sale - No returns or exchanges**

**yahoo!** |

yahoo/finance

## Remote work largely 'here to stay,' economist says

**Thomas Hum** · Writer  
January 18, 2022 · 3 min read

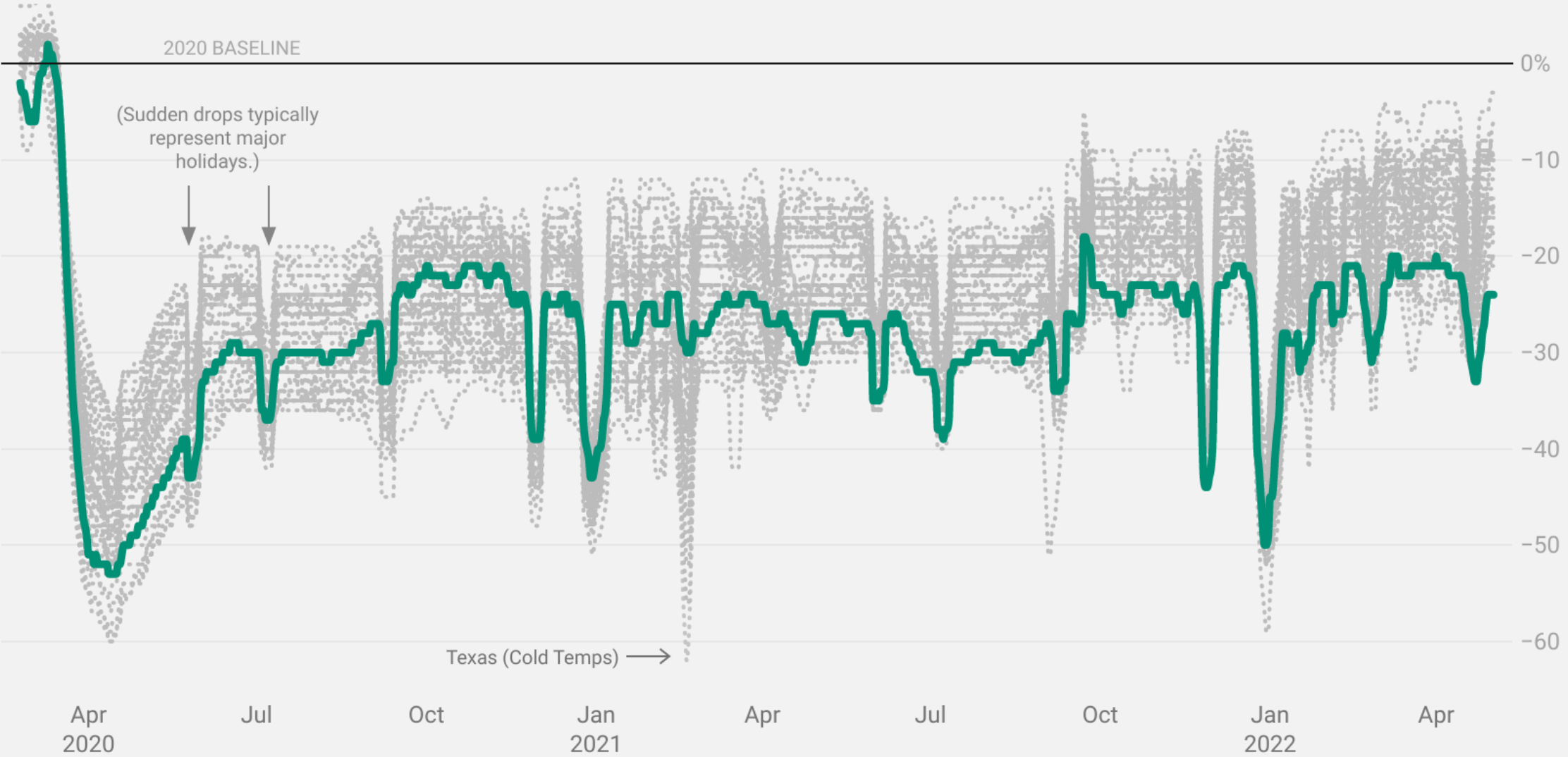
wfh pants

Interest by subregion ?



# Travel to Workplace

Vermont Other States

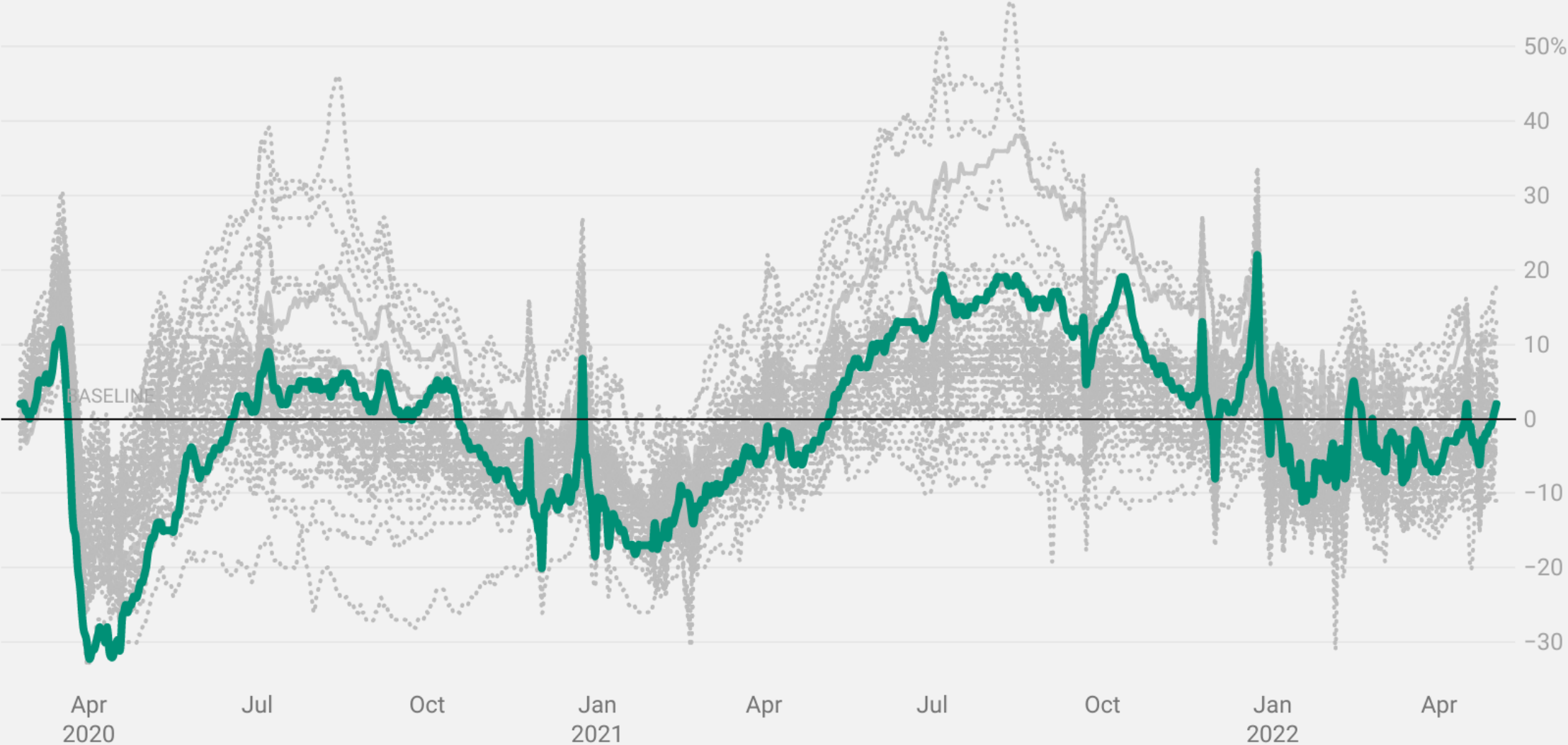


Lines represent 7 day average. Baseline set Jan 3 – Feb 6, 2020. Updated Daily.

Source: Google • Created with Datawrapper

# Grocery & Pharmacy

Vermont Other States

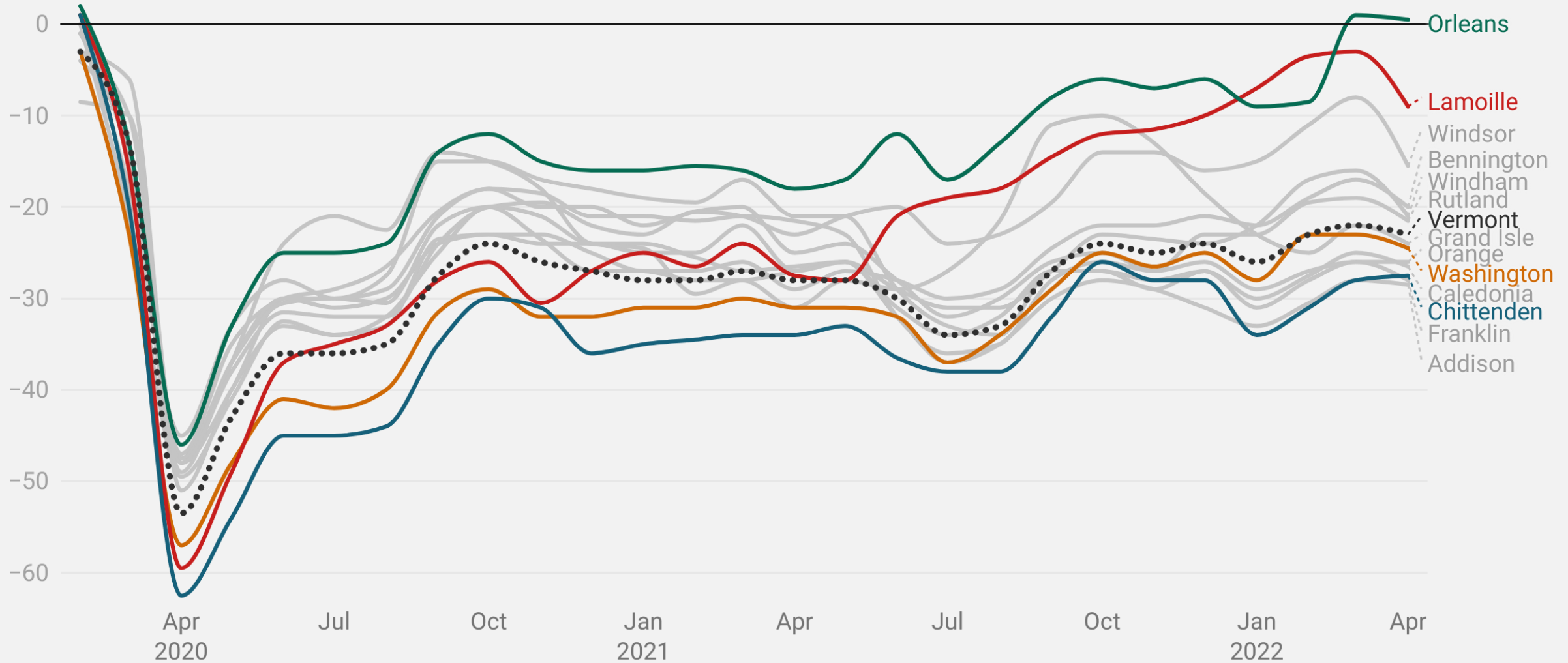


Lines represent % change from baseline in travel to places classified as grocery or pharmacy. 7 day average . Baseline set Jan 3 – Feb 6, 2020.

Chart: VCGI • Source: Google • Created with Datawrapper

# Are you back in the 'Office'?

Trips to the workplace compared to Jan 3 – Feb 6, 2020 baseline.



% represent monthly median. Essex County omitted due to small sample size.

Chart: VCGI • Source: Google Mobility Reports • Created with Datawrapper



# Are you back in the 'Office'?

Trips to the workplace compared to Jan 3 – Feb 6, 2020 baseline.

% difference from pre-pandemic



Date	Vermont	Addison County	Bennington County	Caledonia County	Chittenden County	Franklin County	Grand Isle County	Lamoille County	Orange County	Orleans County	Rutland County	Washington County	Windham County	Windsor County
Feb '20	-3%	-3%	-3%	0%	1%	-1%	-9%	1%	-4%	2%	0%	-3%	0%	-1%
Mar '20	-13%	-6%	-10%	-18%	-20%	-14%	-10%	-16%	-14%	-13%	-13%	-23%	-21%	-15%
Apr '20	-54%	-51%	-48%	-45%	-63%	-48%	-48%	-60%	-47%	-46%	-49%	-57%	-50%	-48%
May '20	-43%	-40%	-40%	-33%	-54%	-37%	-37%	-49%	-35%	-33%	-37%	-48%	-41%	-38%
Jun '20	-36%	-33%	-30%	-28%	-45%	-31%	-24%	-37%	-30%	-25%	-30%	-41%	-33%	-32%
Jul '20	-36%	-34%	-31%	-30%	-45%	-30%	-21%	-35%	-29%	-25%	-30%	-42%	-34%	-32%
Aug '20	-35%	-32%	-30%	-28%	-44%	-31%	-23%	-33%	-27%	-24%	-29%	-40%	-33%	-32%
Sep '20	-28%	-25%	-24%	-15%	-35%	-22%	-14%	-28%	-21%	-14%	-21%	-32%	-24%	-24%
Oct '20	-24%	-20%	-23%	-15%	-30%	-20%	-15%	-26%	-18%	-12%	-18%	-29%	-23%	-20%
Nov '20	-26%	-24%	-23%	-17%	-31%	-21%	-18%	-31%	-19%	-15%	-20%	-32%	-24%	-20%
Dec '20	-27%	-27%	-25%	-18%	-36%	-24%	-24%	-27%	-21%	-16%	-20%	-32%	-24%	-22%
Jan '21	-28%	-27%	-27%	-19%	-35%	-24%	-25%	-25%	-21%	-16%	-22%	-31%	-25%	-23%
Feb '21	-28%	-28%	-27%	-20%	-35%	-26%	-30%	-27%	-22%	-16%	-21%	-31%	-25%	-21%
Mar '21	-27%	-28%	-26%	-17%	-34%	-27%	-28%	-24%	-21%	-16%	-20%	-30%	-22%	-21%
Apr '21	-28%	-27%	-29%	-21%	-34%	-27%	-31%	-28%	-22%	-18%	-25%	-31%	-27%	-23%
May '21	-28%	-26%	-27%	-21%	-33%	-26%	-28%	-28%	-23%	-17%	-24%	-31%	-26%	-21%
Jun '21	-30%	-32%	-28%	-29%	-37%	-31%	-29%	-21%	-32%	-12%	-28%	-32%	-29%	-20%
Jul '21	-34%	-37%	-30%	-33%	-38%	-34%	-27%	-19%	-36%	-17%	-32%	-37%	-31%	-24%
Aug '21	-33%	-35%	-29%	-34%	-38%	-32%	-22%	-18%	-35%	-13%	-30%	-34%	-31%	-23%
Sep '21	-27%	-30%	-25%	-27%	-32%	-27%	-11%	-14%	-28%	-8%	-26%	-29%	-27%	-20%
Oct '21	-24%	-28%	-22%	-27%	-26%	-27%	-10%	-12%	-26%	-6%	-25%	-25%	-23%	-14%
Nov '21	-25%	-29%	-22%	-29%	-28%	-28%	-13%	-12%	-27%	-7%	-27%	-27%	-24%	-14%
Dec '21	-24%	-31%	-21%	-27%	-28%	-27%	-19%	-10%	-26%	-6%	-23%	-25%	-24%	-16%
Jan '22	-26%	-33%	-22%	-30%	-34%	-31%	-23%	-7%	-29%	-9%	-23%	-28%	-22%	-15%
Feb '22	-23%	-31%	-19%	-28%	-31%	-28%	-25%	-4%	-27%	-9%	-20%	-23%	-17%	-11%
Mar '22	-22%	-28%	-17%	-25%	-28%	-26%	-22%	-3%	-26%	1%	-19%	-23%	-16%	-8%
Apr '22	-23%	-29%	-20%	-27%	-28%	-28%	-24%	-9%	-26%	1%	-22%	-25%	-21%	-16%

% represent monthly median. Essex County omitted due to small sample size.

Table: VCGI • Source: Google Mobility Reports • Created with Datawrapper

# 2021 Estimates

<https://www.census.gov/library/stories/2022/03/net-domestic-migration-increased-in-united-states-counties-2021.html>

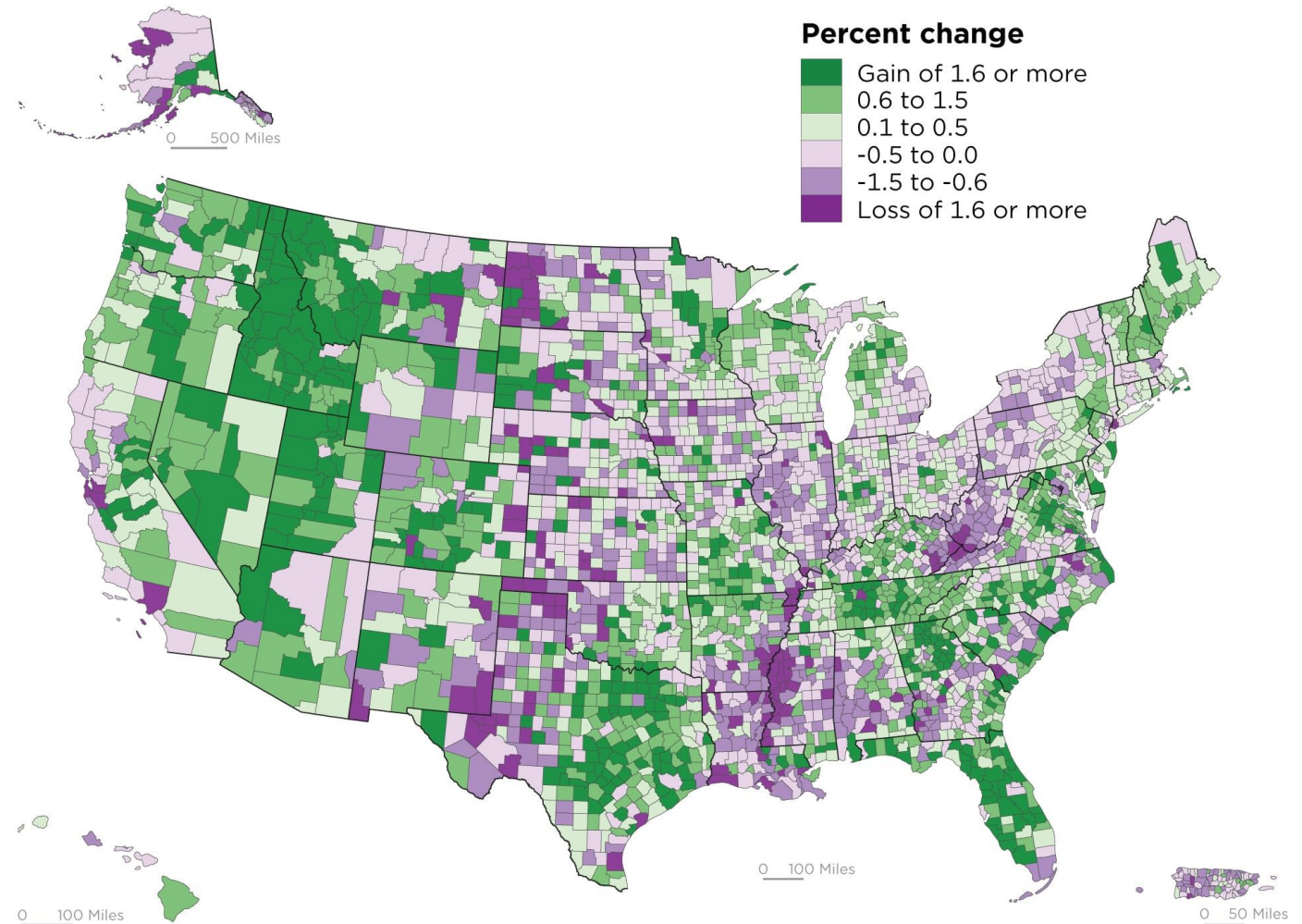
“On average, smaller counties tended to have increases in net domestic migration this past year, while larger counties (those with populations of 500,000 or more) tended to have decreases in net domestic migration.”

“Over two thirds (73.1%) of U.S. counties had more deaths than births from July 1, 2020, to June 30, 2021, up from 55.5% during the same period a year earlier.”

<https://www2.census.gov/programs-surveys/popest/tables/2020-2021/counties/totals/co-est2021-pop-50.xlsx>

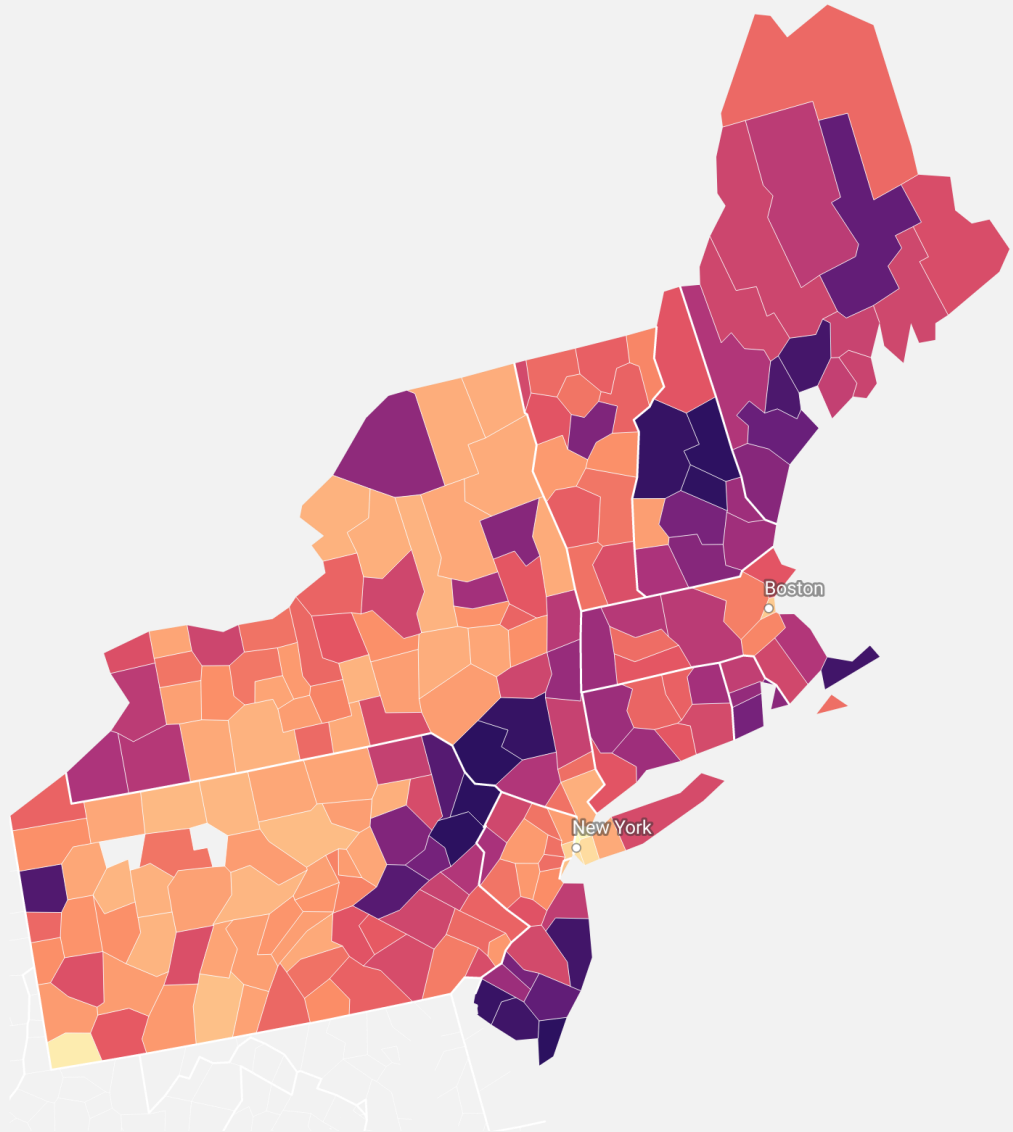
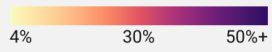
\*\*For first time in many years, some counties in VT positive net migration.\*\*

## Where Counties are Growing Percent Change in Population by County: 2020 to 2021

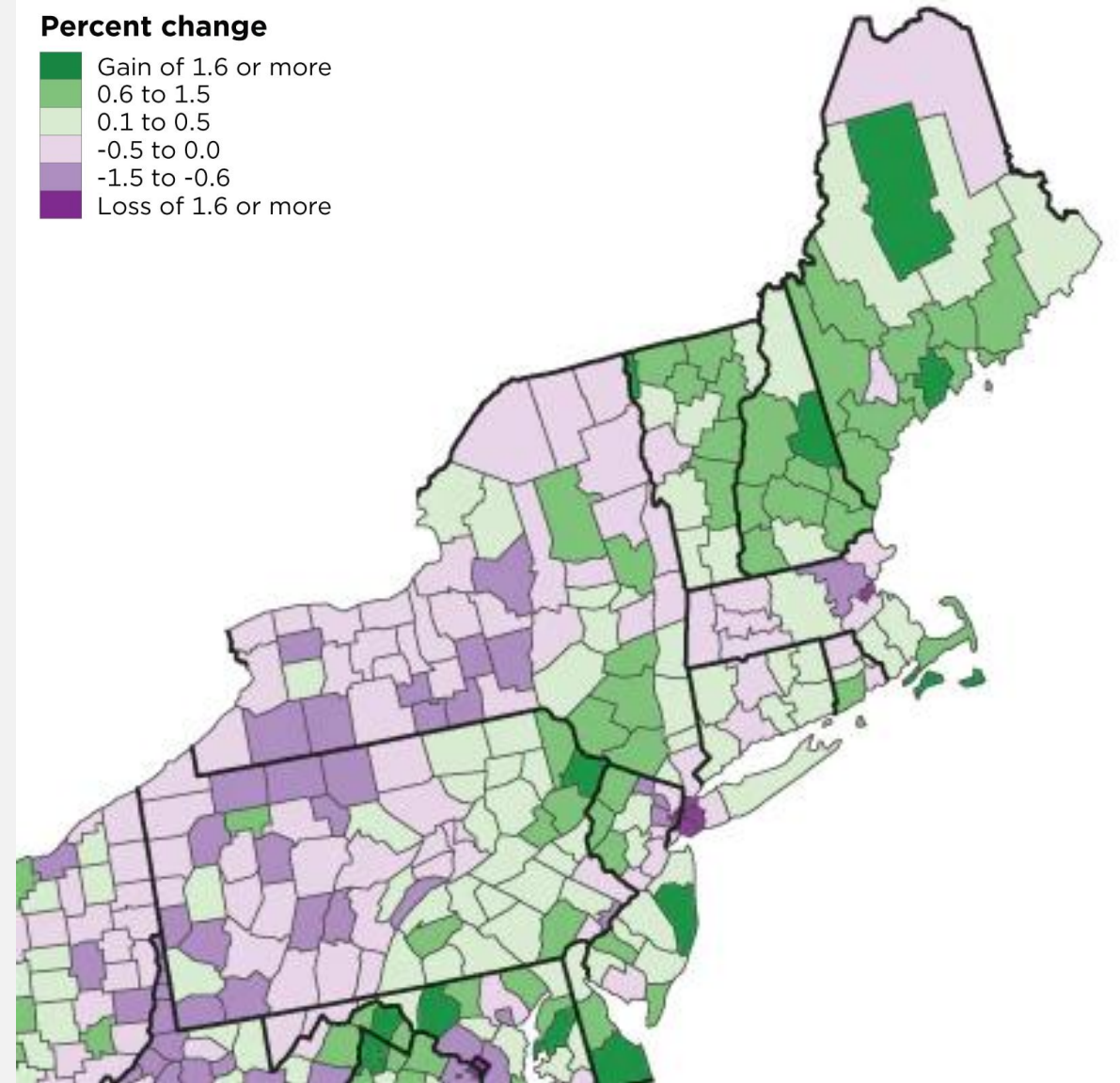
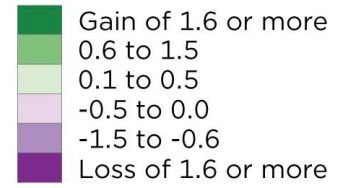


# % Change in Typical Home Value Since Early 2020

Change in Zillow Home Value Index from 3/2020 to latest available



## Percent change



Updated the 22nd of every month with data through the end of the prior month. Several very small counties may have no data.