

## Invisible Returns: Mapping Fragmentation in Readmissions and ED Revisits through Payer Claims Data

August 8, 2025



## Executive Summary

This report examines the impact of social determinants of health and local market dynamics on hospital readmission rates and emergency department (ED) revisits, with particular attention to whether patients return to a different hospital. This highlights fragmentation in care delivery, a factor associated with persistently high readmission and ED revisit rates, lower provider performance and increased healthcare costs. These measures are important indicators of provider performance and reflect how effective hospitals are at treating patients for the first time, coordinating follow-up care, and preventing avoidable return visits. The primary aims of this report are to enable patients to evaluate provider performance within broader market and social context of care delivery, to highlight the value of continuity of care, and to promote public understanding of how healthcare fragmentation combined with health-related social factors negatively affects quality outcomes and costs to patients. The data source is the CMS Qualified Entity (QE) dataset, which includes 100% of Medicare fee-for-service (FFS) claims nationwide, combined with an all-payer dataset to provide a comprehensive view across patient populations.

A significant portion of readmissions and ED revisits occur at a different hospital than the original (index) site of care. These “invisible returns” limit hospital visibility into the patient's post-discharge journey, complicating care coordination and outcome tracking. This fragmentation disproportionately affects high-risk populations, particularly those in vulnerable areas (as measured by the Vizient Vulnerability Index (VVI<sup>1</sup>)), and those covered by Medicaid or Medicare, signaling critical opportunities for focused intervention. Since CMS uses market-wide readmission rates (not just same-hospital rates) to determine penalties under its Hospital Readmissions Reduction Program, it is vital for hospitals to understand the full scope of returns, including those happening elsewhere in the system. ED revisit rates and readmissions differ meaningfully across hospitals and systems, even when adjusted for case mix and patient complexity. Such variation supports the use of these measures in public reporting.

This report helps patients understand that not all hospitals perform equally when it comes to preventing avoidable return visits and delivering coordinated care after discharge. By examining whether patients are readmitted or revisit the ED at the same hospital or a different one, the report shows important differences in provider performance. This helps patients ask informed questions about care coordination and make connections between how their hospital and provider supports them during recovery and follow-up care.

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<sup>1</sup> The VVI is a quantification of neighborhood resources and obstacles to care based on public data including US Census American Community Survey, USDA Food Research Atlas, Housing and Urban Development Comprehensive Housing Affordability Strategy data, EPA Environmental Justice data, FBI violent crime statistics, HRSA provider shortages, and tuned to Life Expectancy at Birth at the census tract level. This index summarizes the overall social need, as well as need within nine domains: economic, education, health care access, neighborhood resources, housing, social resources, clean environment, transportation, and public safety. The index is publicly available at: <https://www.vizientinc.com/what-we-do/health-equity/vizient-vulnerability-index-public-access>

Some key findings of the report:

- Readmissions to a different hospital are common, approximately one-third (28%) of all readmissions occurred at a different hospital. This lack of care-continuity limits the provider's ability to follow the patient's care and is associated with poorer quality outcomes and higher costs for patients.
- Readmission rates and the share of readmissions to a different hospital vary by geography and increase steadily with greater social vulnerability. Readmission rates range from 10-20% by state with urban areas slightly higher than rural areas (17 vs. 15%, respectively).
- In urban markets, higher provider consolidation is associated with lower rates of readmissions to a different hospital, indicating that market fragmentation may contribute to care discontinuity and that regional integration can help reduce avoidable returns.
- Behavioral Health, Neurosciences, and Orthopedics service lines each had over 50% of their readmissions going to a different hospital, suggesting significant fragmentation in follow-up care.
- Switching hospitals is costly to patients and hospitals. Readmissions to a different hospital are 5 percent more expensive than those readmitted to same hospital with an average excess of \$1,372 per readmission, and an aggregate additional cost of \$21 billion annually.
- Switching care for emergency services is also common. Approximately one-quarter (23.5%) of all ED revisits occurred at a different hospital ED facility.
- ED revisit rates and the share of revisits to a different hospital increase steadily with greater social vulnerability, reflecting access constraints and health-related social needs in more vulnerable neighborhoods. While revisit rates remain highest among Medicare FFS and Medicaid beneficiaries, Commercial patients experience the largest relative increase among all payers, doubling from 8.3% to 21.2%, suggesting that even those with stable coverage face higher risk of ED fragmentation in vulnerable neighborhoods.
- Emergency department revisits among patients that went to a different ED facility averaged \$87 (6.4%) higher costs than those to the same ED facility. Cost increases were significantly higher for head injury and hypertension revisits to a different ED, averaging \$400 (29%) and \$198 (12%) higher costs.

The findings of this report emphasize the importance of contextualizing hospital readmission and ED revisit measures within broader social and market dynamics. They highlight the need for market organizational reforms in healthcare delivery, such as regionalizing care and integrating electronic health records (EHRs) across sites and systems to address fragmentation.

## Plan All-Cause Readmissions

Approximately one-third of hospital readmissions occur at a different hospital, limiting the index hospital's visibility into the patient's condition, the cause of readmission, and the treatments or interventions received. These “invisible” readmissions are not evenly distributed across all patient groups. Significant variation exists based on neighborhood vulnerability, payer type, service line, state and market type (rural vs. urban) and market dynamics. By identifying which patients are more likely to be readmitted, and specifically to a different hospital, so providers can better understand who is most affected by fragmented care and target efforts to improve care coordination and outcomes.

Figure 1. Plan All-Cause Readmissions by VVI Quintile for All Payers, 2023

The rate of readmissions increased as the patient's neighborhood vulnerability increased. From the first to the fifth VVI quintile, there was a 27% increase in all-cause readmission rates.

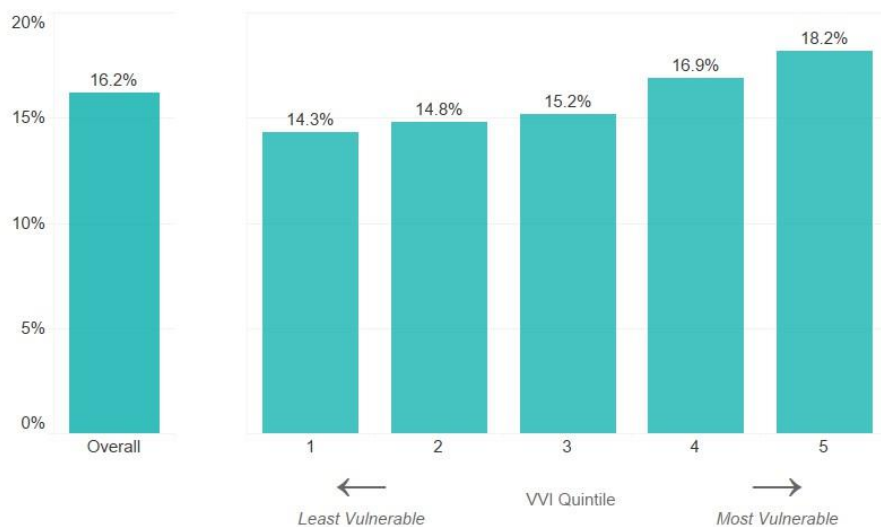
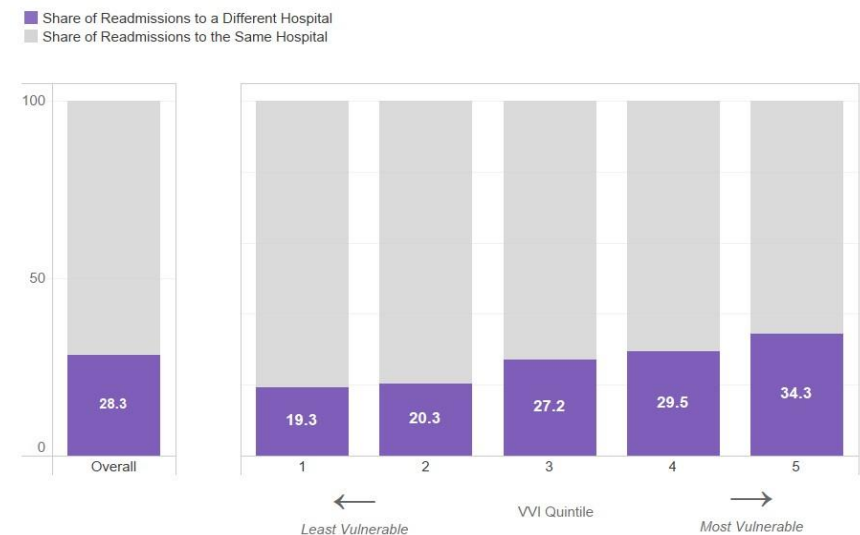


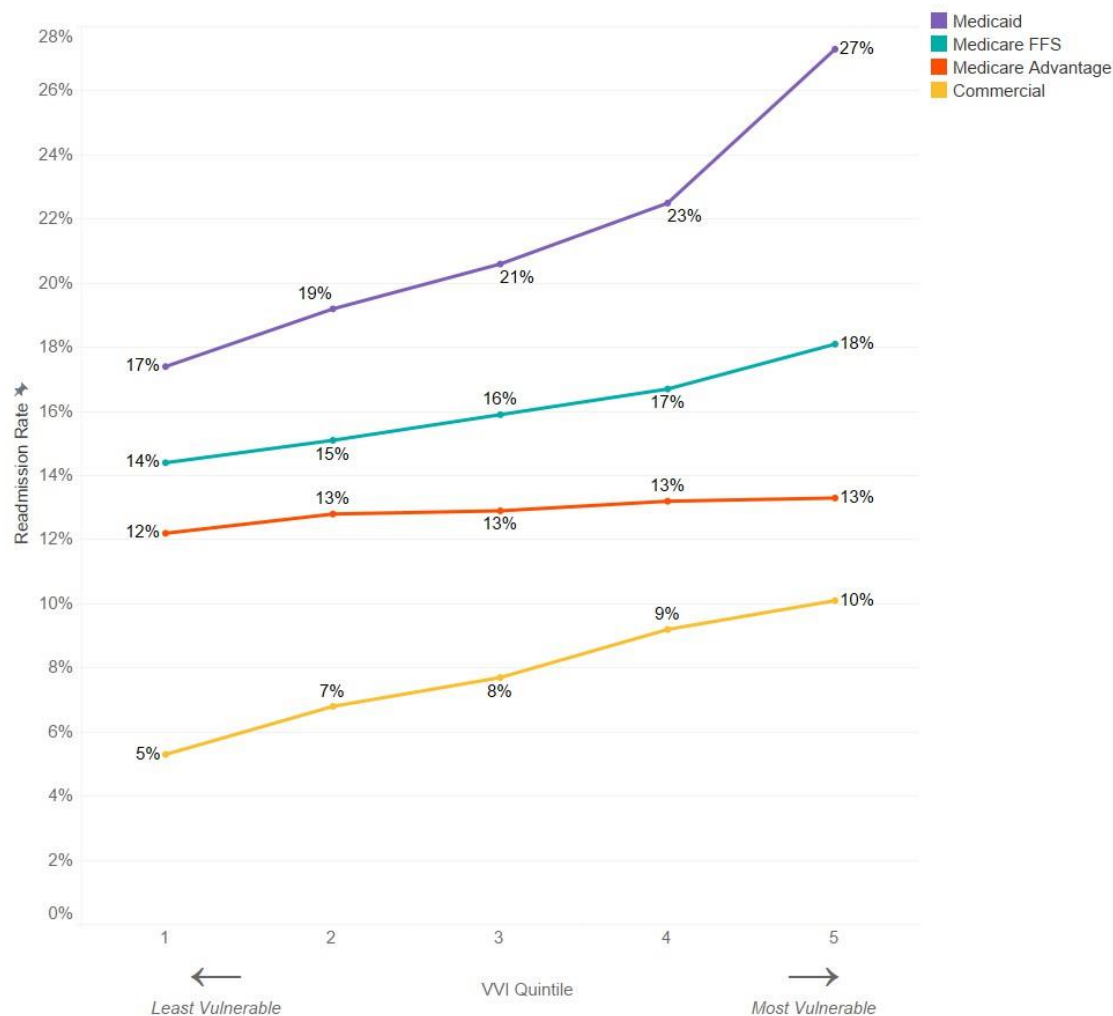
Figure 2. Percent of Plan All-Cause Readmissions to a Different Hospital by VVI Quintile for All Payers, 2023

The share of readmissions to a different hospital increase steadily across VVI quintiles. From the first to the fifth VVI quintile, there was a 78% increase in the share of readmissions to a different hospital.



Measure Definition for Plan All-Cause Readmissions: Numerator = At least one acute unplanned readmission for any diagnosis within 30 days of the date of discharge from the Index Hospital Stay that is on or between the second day of the measurement year and the end of the measurement year; Denominator = Patients with a discharge from an acute inpatient stay (Index Hospital Stay) on or between January 1 and December 1 of the measurement year.; Exclusions = Patients under 18 years

Figure 3. Plan All-Cause Readmissions by Payer and VVI Quintile, 2023



Neighborhood vulnerability is strongly associated with hospital readmission rates, particularly for Medicaid and Commercial populations.

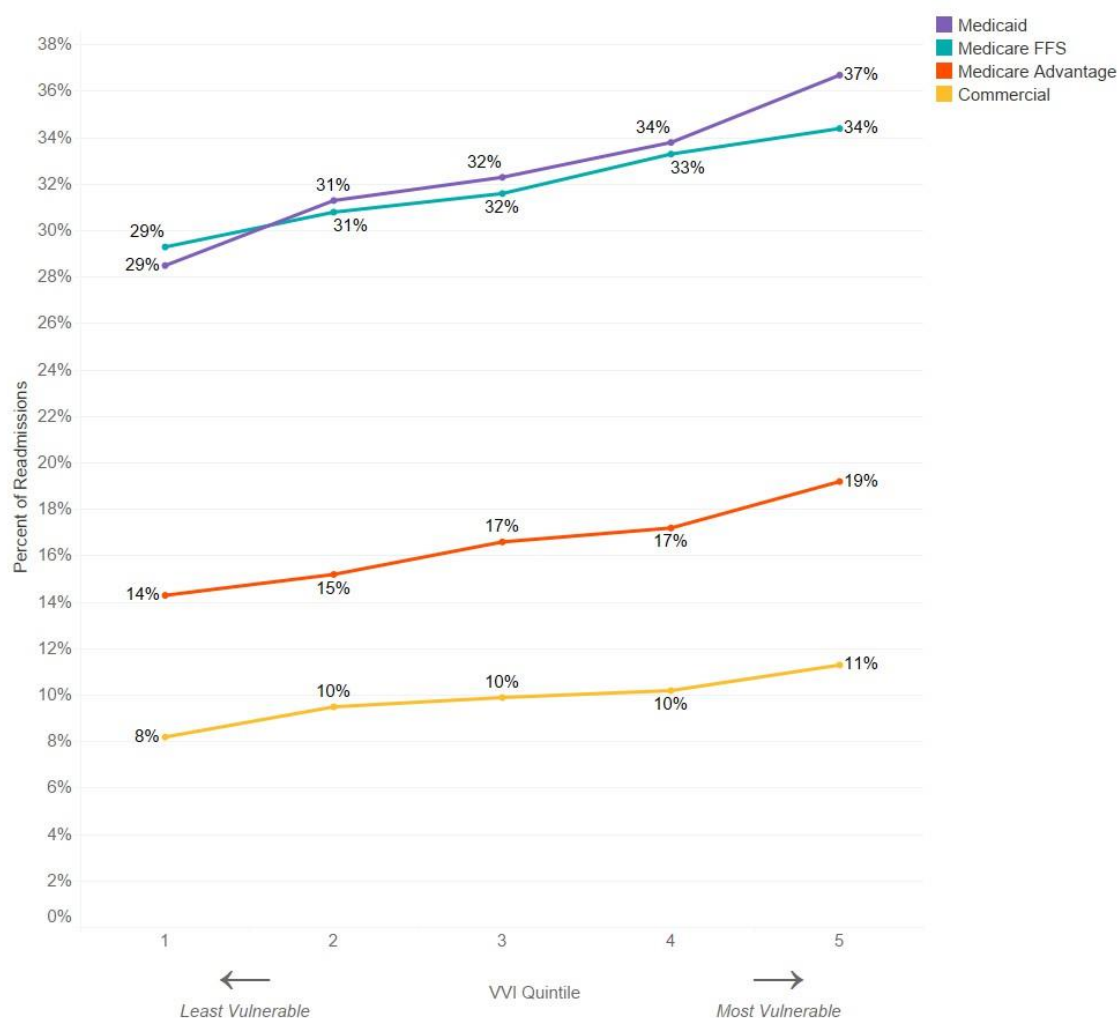
Medicaid patients, who already have high readmission rates, experienced a 10 percentage point increase across vulnerability levels.

Commercial patients, though starting from a lower baseline, saw their readmission rates double between the most and least vulnerable neighborhoods.

Medicare Advantage readmission rates remained relatively stable, perhaps reflecting a healthier case mix. Further research is needed to assess the impact of patient acuity and risk. Additional details on age and comorbidities are included in the appendix.

Note: VVI is assigned based on patient residence zip code, and if this information is not available the VVI is assigned based on the hospital zip code. Using quintile 1 as the reference group, we observed a statistically significant trend across quintiles 2 through 5 ( $p < 0.001$ ), indicating a graded association across all payer groups.

Figure 4. Percent of Plan All-Cause Readmissions to a Different Hospital by Payer and VVI Quintile, 2023



Neighborhood vulnerability appears to be associated with hospital switching during readmissions, particularly for Medicaid and Medicare patients.

Medicaid has the highest overall percentages of readmissions to a different hospital, rising from 29% in the least vulnerable neighborhoods to 37% in the most vulnerable. Medicare FFS also shows a substantial increase, from 29% to 34% across the VVI spectrum.

Medicare Advantage percentages range from 14% to 19%, consistently below Medicare FFS. This gap may reflect a healthier case mix as well as tighter provider networks and managed care constraints within Medicare Advantage plans.

Commercial patients had the lowest share of readmissions to a different hospital and saw only a 3-percentage point increase across VVI quintiles.

Note: VVI is assigned based on patient residence zip code, and if this information is not available the VVI is assigned based on the hospital zip code. Using quintile 1 as the reference group, we observed a statistically significant trend across quintiles 2 through 5 ( $p < 0.001$ ), indicating a graded association across all payer groups.

Figure 5. Plan All-Cause Readmissions and Percent to a Different Hospital by Service Line, All Payers, 2023

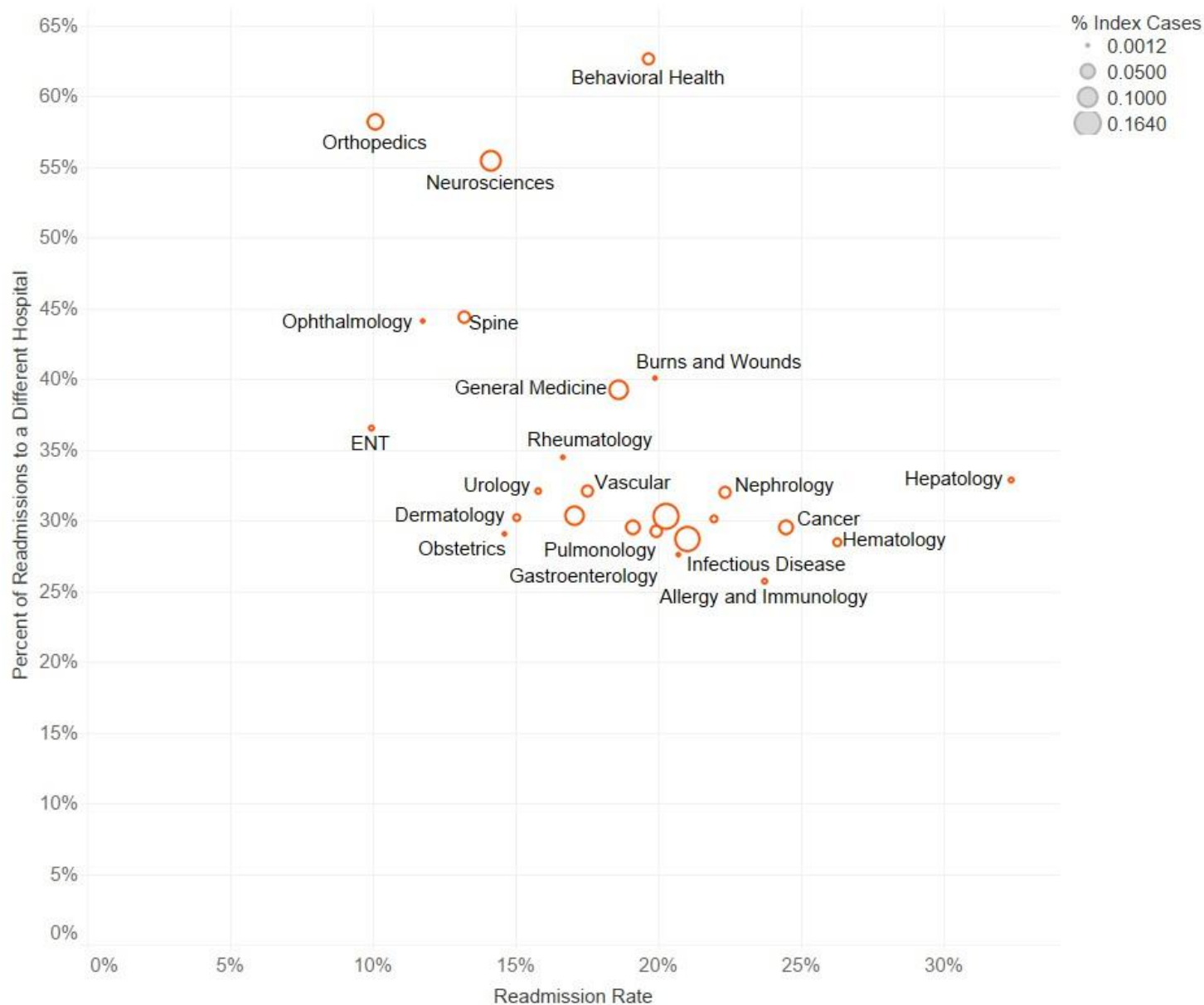


Figure 4 shows the relationship between readmission rates (x-axis) and the percent of readmissions to a different hospital (y-axis) by service line. Bubble size indicates the percentage of index cases that originate from that service line.

Behavioral Health, Neurosciences, and Orthopedics stand out with over half of their readmissions going to a different hospital, suggesting significant fragmentation in follow-up care.

Conversely, service lines like Cancer, Hepatology, and Hematology have higher readmission rates but a lower proportion of patients returning to a different hospital, potentially indicating more integrated or closed-network follow-up care.

Figure 6. Plan All-Cause Readmissions by State, All Payers, 2023

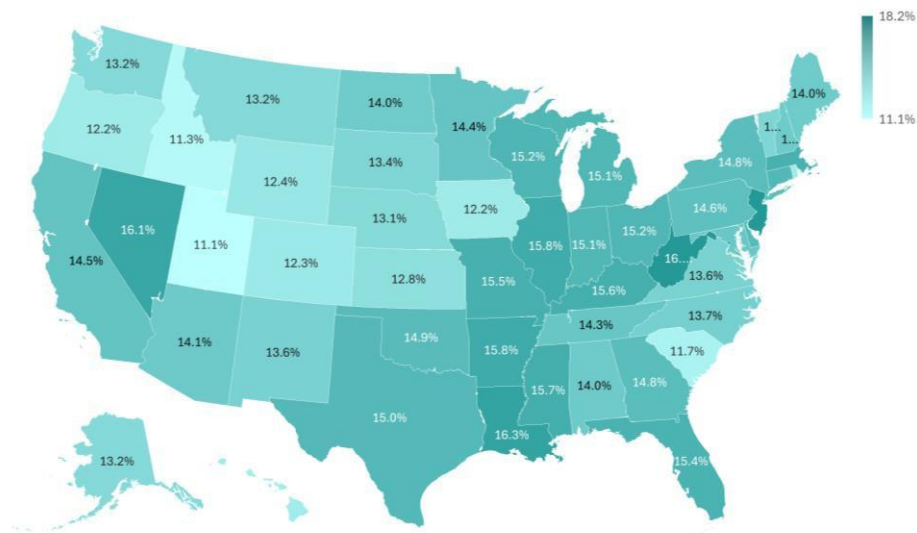


Figure 7. Percent of Plan All-Cause Readmissions to a Different Hospital by State, All Payers, 2023

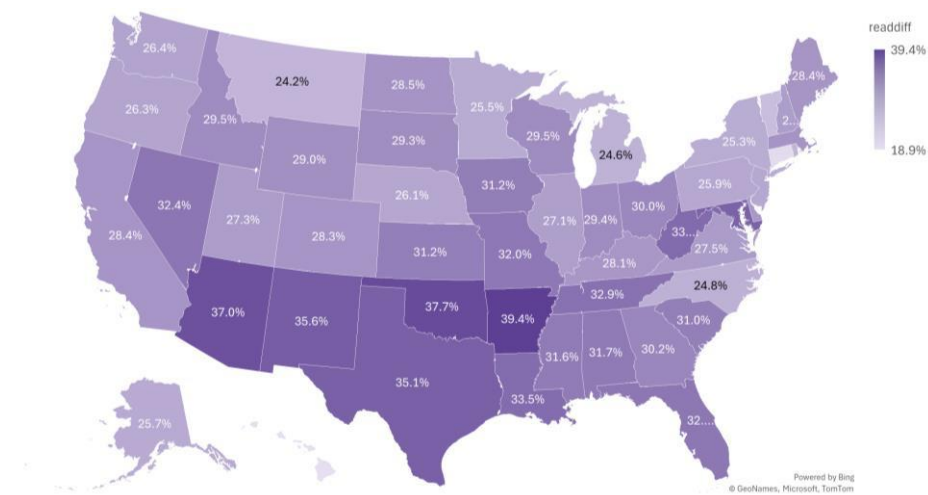
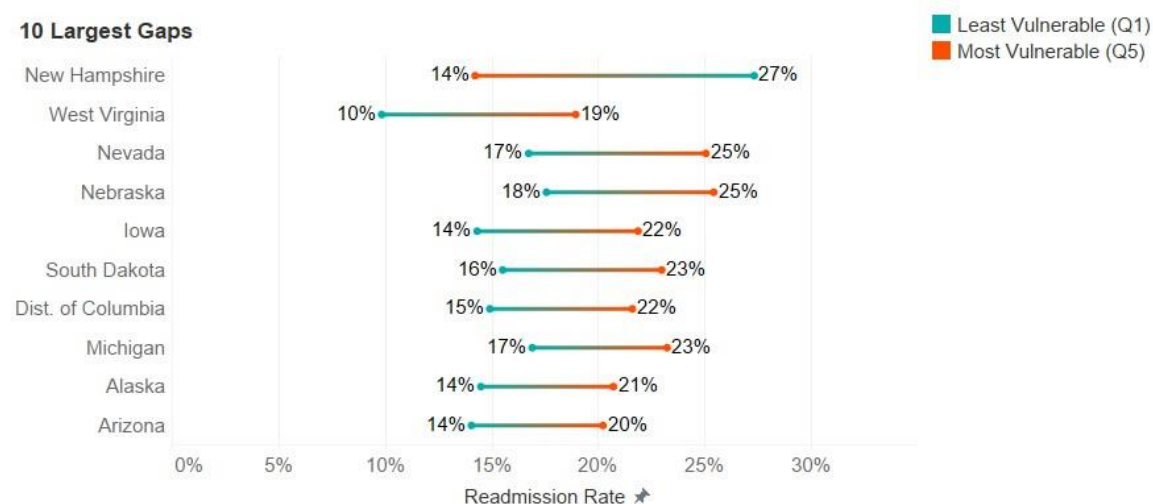




Figure 8. Plan All-Cause Readmissions in the Most and Least Vulnerable Neighborhoods by State, All Payers, 2023

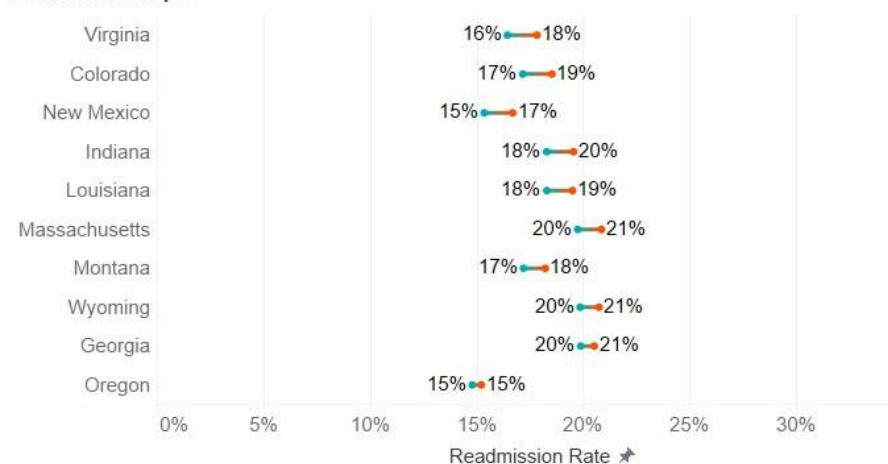
### 10 Largest Gaps



Within each state, there was variation in readmission rates between the least vulnerable neighborhoods and the most vulnerable.

Among the 10 largest gaps included West Virginia, Nevada, and DC. Each of these had an approximately 10 percentage point difference in readmission rates. Interestingly, New Hampshire and Vermont both had an opposite trend where rates were highest in the least vulnerable neighborhoods (Vermont data not shown).

### 10 Smallest Gaps



The states with the smallest gaps included Wyoming, Georgia, and Oregon.

Note: New Hampshire and Vermont were the only U.S. states where social vulnerability was not associated with higher readmission rates. Further research is needed to explore this finding in more detail.

Figure 9. Plan All-Cause Readmissions by Market Type, All Payers, 2023

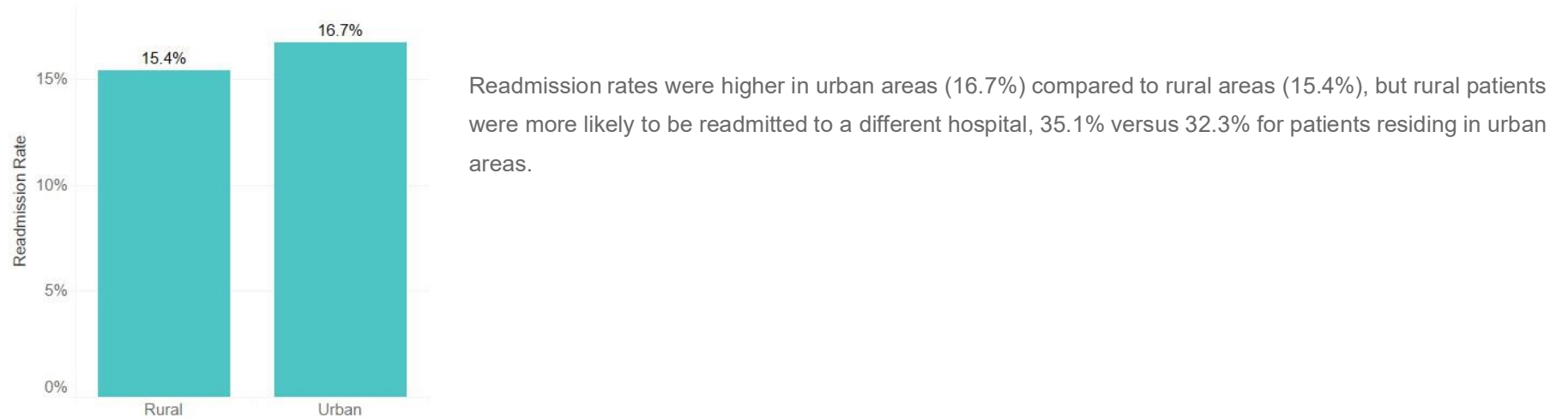


Figure 10. Percent of Plan All-Cause Readmissions to a Different Hospital by Market Type, All Payers, 2023

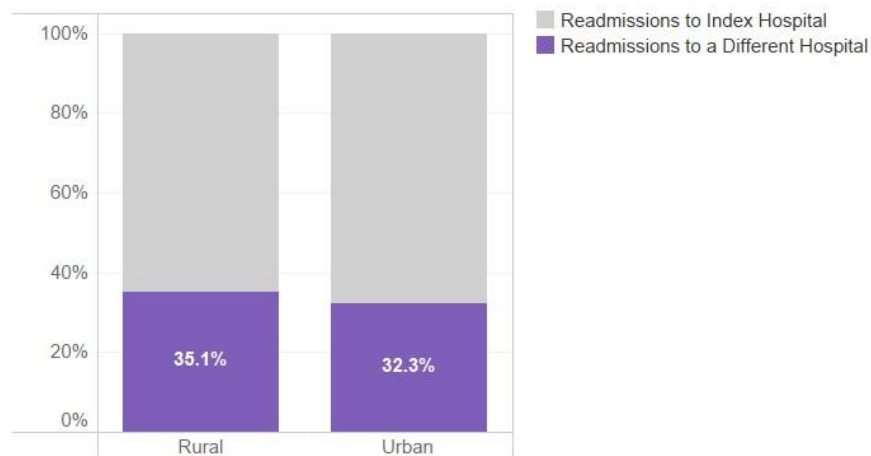
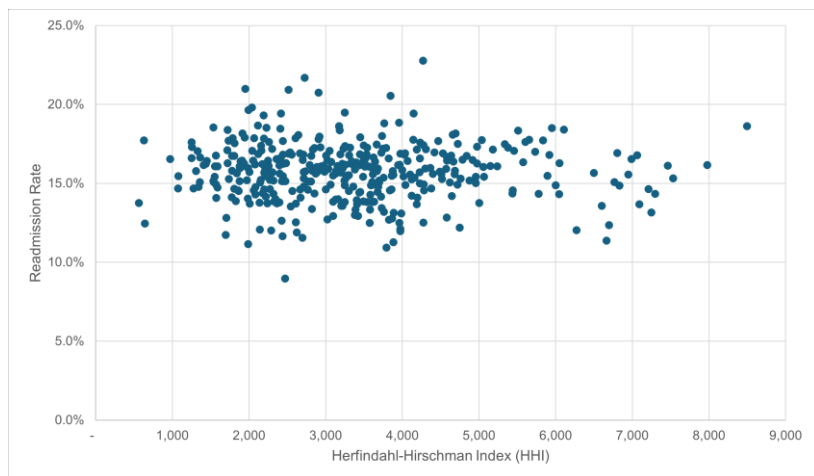
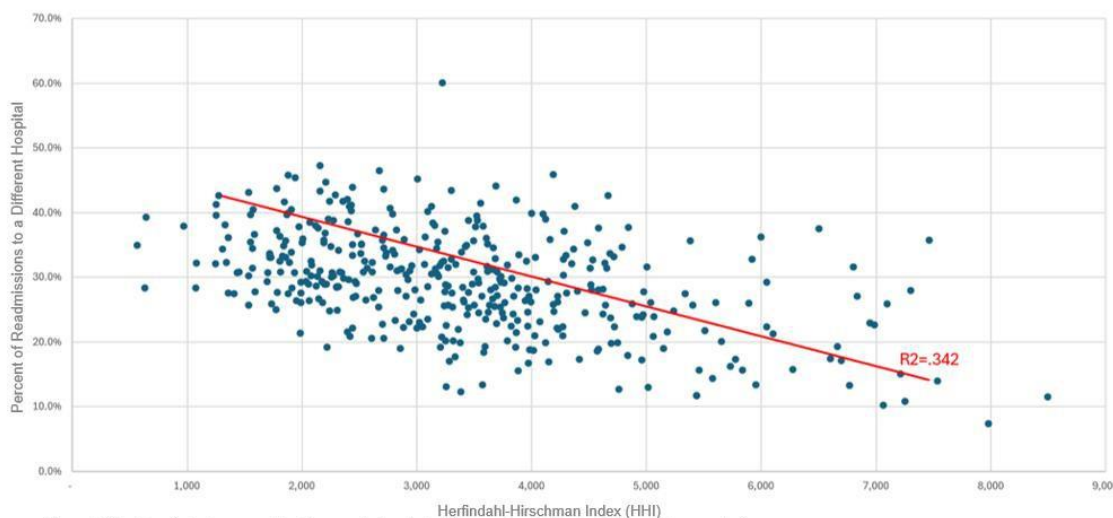


Figure 11. Market Concentration and Readmission Rate, All Payers (Urban Markets)



Market concentration is not correlated to lower overall Readmission Rates in urban markets ( $R^2 < 0.1$ ).

Figure 12. Market Concentration and Percent of Readmissions to a Different Hospital, All Payers (Urban Markets)



However, market concentration is correlated with the percentage of readmissions to a different hospital in urban markets. As concentration increases (moving right across the x-axis), the percentage of readmissions to a different hospital decreases. The negative correlation is moderate with an  $R^2$  of -0.342. This suggests that while hospital-specific readmission strategies are important, they may have limited impact in highly fragmented markets. In these settings, investing in cross-system integration, such as shared electronic health records and improved inter-hospital communication may be the next steps for reducing readmissions. Only urban markets are included here because the HHI is not a meaningful measure for rural patients due to sparse provider availability, limited local competition and large out-of-market care dynamics.

Note: The HHI is a measure of market concentration. For this analysis, HHI is calculated for each metropolitan statistical area (MSA) as the sum of the squared market shares of inpatient discharges for health systems and independent hospitals. Scores range from ~0 (least concentrated) to 10,000 (most concentrated/monopoly).

R-Squared is a statistical measure in a regression model that determines the proportion of variance in the dependent variable that can be explained by the independent variable

Figure 13: Annual Costs and Volumes for Readmissions to Same Hospital versus Different Hospital, All Payers , 2023

Readmission Type	Annual Readmission Cost	Annual Readmission Volumes	Average Cost	Average Cost Increase for Readmission to Different Hospital	Average Percent Cost Increase for Readmission to Different Hospital
Total - All hospitals	\$58,256,159,202	2,003,613	\$ 29,076	N/A	N/A
Same Hospital	\$37,527,342,909	1,312,053	\$ 28,602	N/A	N/A
Different Hospital	\$20,728,816,293	691,560	\$ 29,974	\$1,372	4.8%

Hospital readmissions were found to impose a substantial financial burden, with total annual costs estimated at \$58 billion and an average of \$29,076 per case. A particularly concerning pattern emerged when patients were readmitted to a different hospital than the one where they initially received care (the "index hospital"). These cases incurred significantly higher costs, likely due in part to redundant testing and consultations stemming from limited access to prior medical records across disparate electronic health record (EHR) systems. The analysis revealed that readmissions to a different hospital were 4.8% higher cost than those readmitted to the same hospitals, equating to an average excess of \$1,372 per case.

Notes:

Variable Definitions: Additional Cost for Readmissions to a Different Hospital = Cost for readmission at different hospital - cost for readmission at same hospital; Additional Cost for Readmissions to a Different Hospital per Case = Cost for readmission at different hospital - cost for readmission at same hospital / total readmission cases; Additional Length of Stay for Readmissions to a Different Hospital = Length of stay for readmission at different hospital – length of stay for readmission at same hospital for same index and readmission MS-DRG; Additional Length of Stay for Readmissions to a Different Hospital per case = Length of stay for readmission at different hospital – length of stay for readmission at same hospital / total readmission cases for same index and readmission MS-DRG; Readmission Volume = Number of plan all-cause readmissions

Figure 14: Additional LOS Days, Costs and Readmission Volumes to Different Hospital by Service Line, All Payers, 2023

Service Line Group	Total Readmissions	# Readmissions to Different Hospital	Readmissions to Different Hospital	Additional Days for Readmissions to Different Hospital	Additional LOS for Readmission to Different Hospital Per Case (in days)	Additional Cost for Readmissions to Different Hospital	Additional Cost for Readmission to Different Hospital Per Case
Medicine	1,084,321	346,983	32.0	216,170	0.62	\$246,010,748	\$709
Neurosciences	109,222	60,727	55.6	108,095	1.78	\$257,059,220	\$4,233
Orthopedics	92,578	37,216	40.2	47,637	1.28	\$129,959,515	\$3,492
Cardiovascular	289,302	84,476	29.2	33,115	0.39	\$118,097,705	\$1,398
Surgery	204,332	59,869	29.3	29,336	0.49	\$53,403,394	\$892
Behavioral Health	108,311	66,395	61.3	28,085	0.42	\$24,234,045	\$365
Cancer	62,338	18,203	29.2	18,567	1.02	\$89,884,913	\$4,938
Spine	42,001	13,944	33.2	11,434	0.82	\$26,801,006	\$1,922
Women's Health	7,008	2,327	33.2	2,373	1.02	\$2,796,641	\$1,202
Other	4,200	1,420	33.8	312	0.22	\$864,536	\$609
Total All Service Line	2,003,613	691,560	34.5	495,124	0.63	949,111,723	\$1,372

Notes: Data analysis includes readmissions with same DRG diagnosis for index and readmission and excludes multiple readmissions (>1) within 30 days.

Even after adjusting for clinical differences that might explain why patients seek care at a different facility, the cost impact remained substantial. When comparing readmissions with the same Diagnosis-Related Group (DRG) to same and different hospitals, the excess cost for hospital switching totaled \$632 million annually and, on average, a half day longer stay. Differences by service line revealed that Neurosciences, Medicine and Cardiology showed the largest cost increases for patients readmitted to a different hospital with same DRG as patients admitted to same hospital. These findings underscore the need for enhanced care coordination and improved interoperability across healthcare systems to reduce avoidable costs and improve outcomes for Medicare patients.

## 30-Day ED Revisit Rate

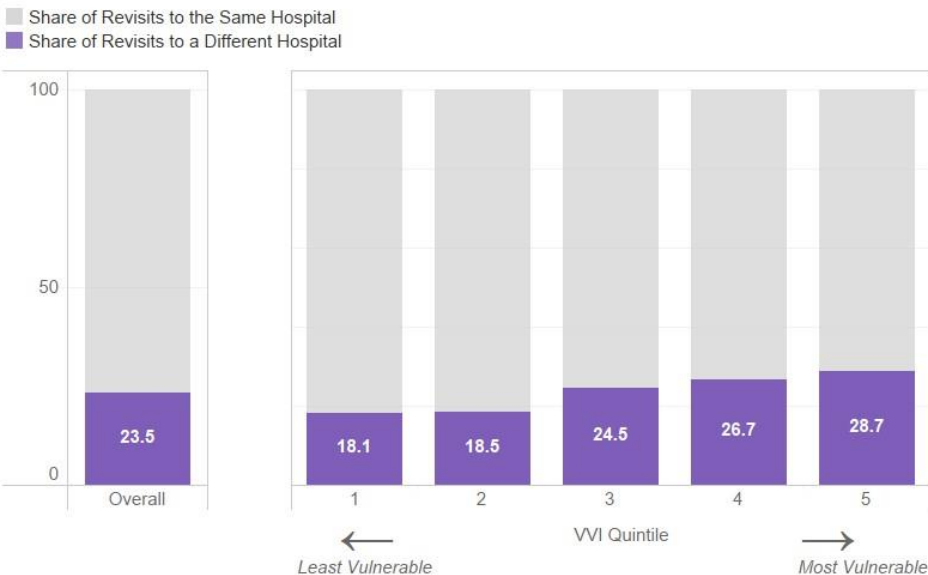
Emergency department (ED) revisits describe patients initially seen in the ED and discharged to home who return within 30 days to the ED and are again discharged to home. Repeat ED utilization is a significant concern for providers and patients. The emergency department is a costly and resource-intensive setting, and frequent returns may signal gaps in outpatient follow-up, limited access to lower-cost care options, or unmet clinical and social needs. Tracking these revisits helps identify opportunities to improve care transitions, strengthen primary and specialty care access, and reduce avoidable ED utilization.

Figure 15. ED Revisit Rate by VVI, All Payers, 2023



ED revisit rates increased steadily across VVI quintiles, rising from 11.2% in the least vulnerable neighborhoods to 26.3% in the most vulnerable, a 15-percentage point increase.

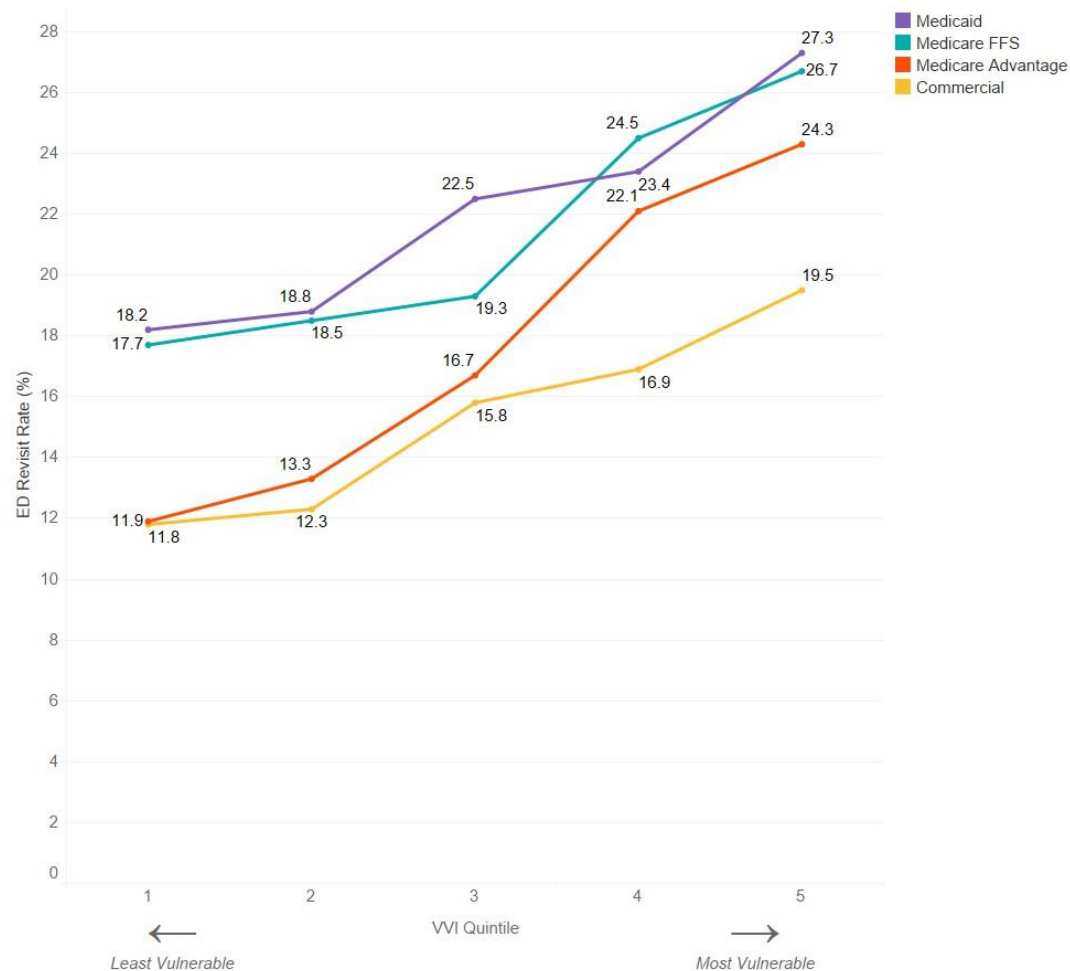
Figure 16. Percent of ED Revisits to a Different Hospital by VVI, All Payers, 2023



ED revisit rates increased steadily across VVI quintiles, rising from 18.1% in the least vulnerable neighborhoods to 28.7% in the most vulnerable, a 10-percentage point increase.

Measure Definition for 30-Day ED Revisit Rate: Numerator = Number of all-cause ED visits discharged to home that occurred within 30 days of a prior ED visit during the measurement period; Denominator = Total number of all-cause ED visits discharged to home during the measurement period; Exclusions = Patients under 18 years

Figure 17. ED Revisit Rate by Payer and VVI Quintile, 2023



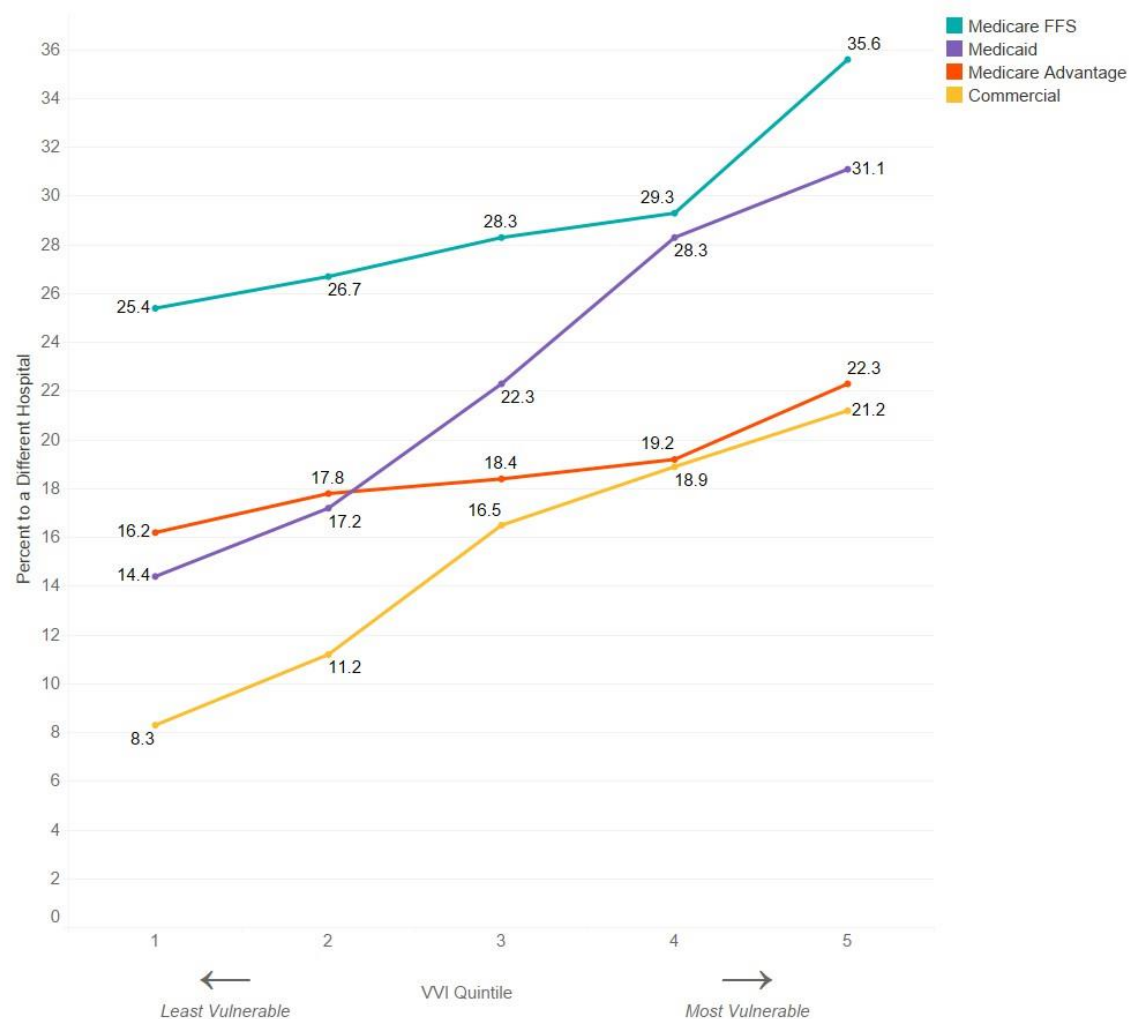
For each payer, the ED revisit rate increases as the patient's neighborhood vulnerability increases.

Medicaid and Medicare FFS have the highest ED revisit rates across all VVI quintiles.

For Medicare Advantage, the rates increase substantially across VVI quintiles from 11.9% to 24.3%. This is a notable difference from the readmission rates, which were relatively the same across VVI quintiles for this payer.

Note: VVI is assigned based on patient residence zip code, and if this information is not available the VVI is assigned based on the hospital zip code. Using quintile 1 as the reference group, we observed a statistically significant trend across quintiles 2 through 5 ( $p < 0.001$ ), indicating a graded association across all payer groups.

Figure 18. Percent of ED Revisits to a Different Hospital by Payer and VVI Quintile, 2023



The percentage of ED revisits that occurred at a different hospital from the index hospitalization increased as patient's neighborhood vulnerability increased among all payers.

The percentages were highest among Medicare patients.

Medicaid patients' percentages doubled across the VVI spectrum, while Medicare Advantage experienced a more modest increase, from 16.2% to 22.3%.

Commercial patients had a notable increase from 8.3% to 21.2%, suggesting that hospital switching during ED revisits is more common in vulnerable areas, even among those with more stable care access.

Note: VVI is assigned based on patient residence zip code, and if this information is not available the VVI is assigned based on the hospital zip code. Using quintile 1 as the reference group, we observed a statistically significant trend across quintiles 2 through 5 ( $p < 0.001$ ), indicating a graded association across all payers.



Figure 19. ED Revisit Rates and Percent of Revisits to a Different Hospital by Service Line, All Payers, 2023

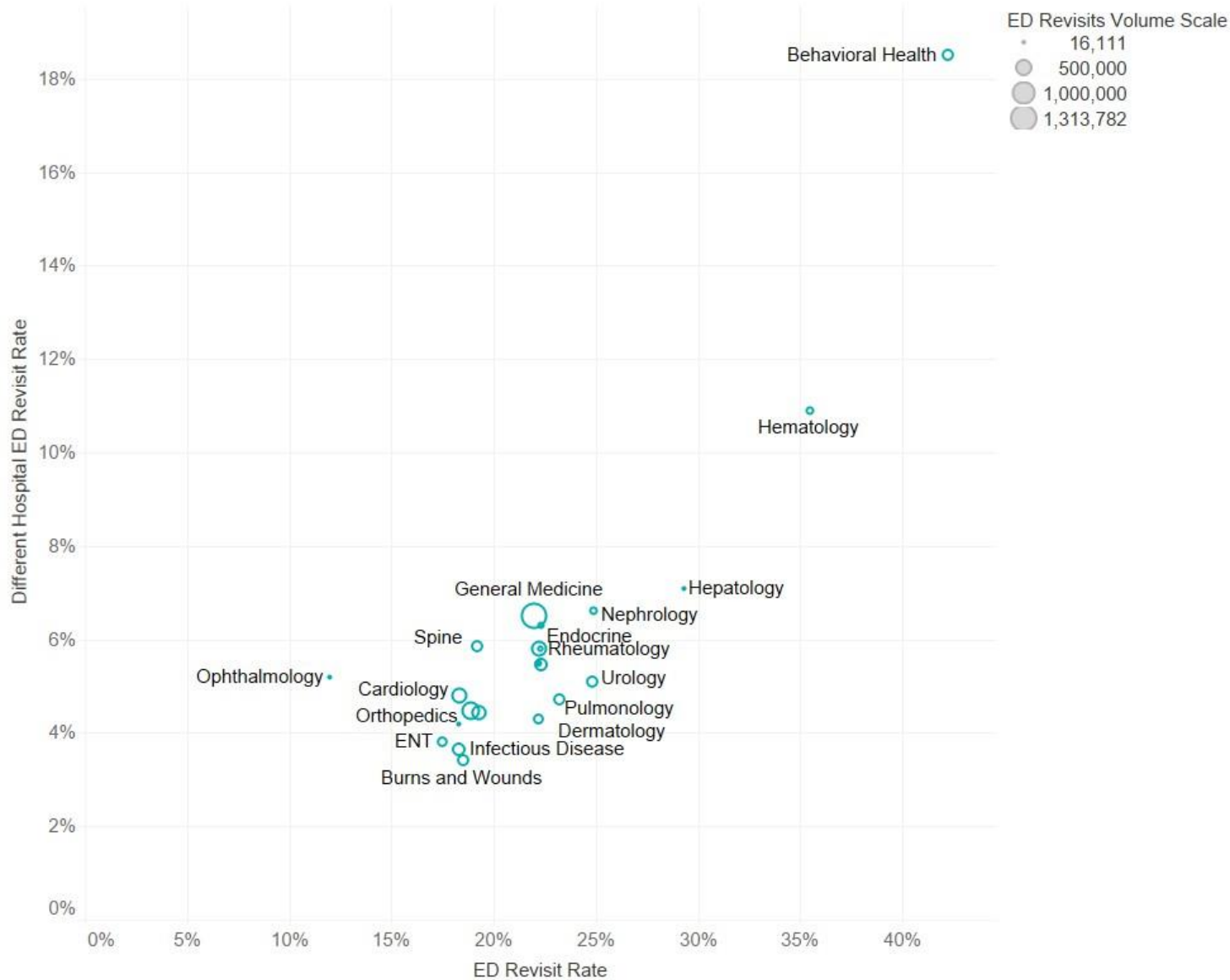
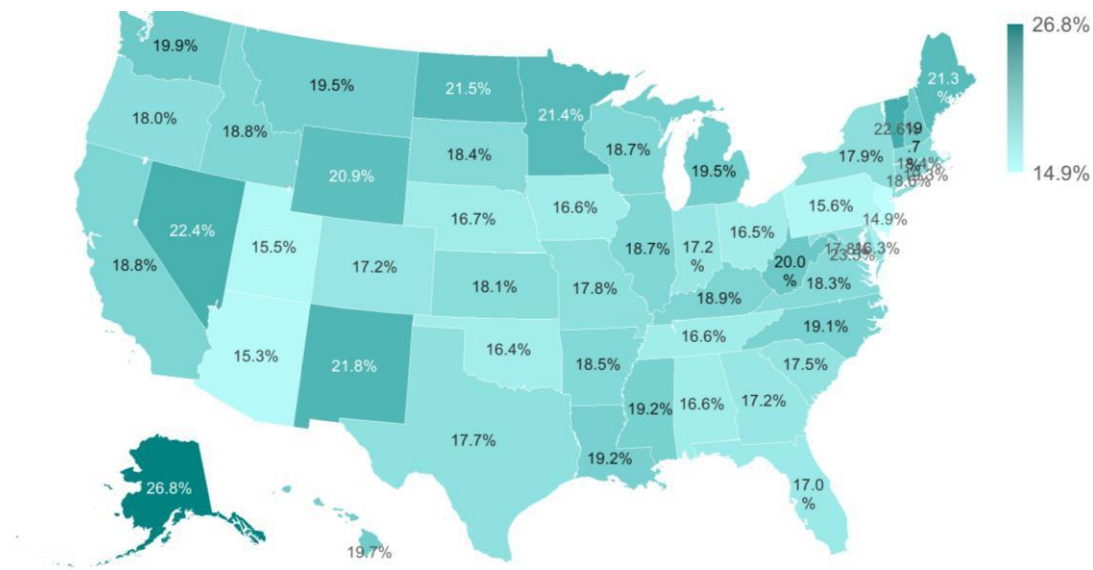


Figure 18 visualizes the relationship between ED revisit rates and the percentage of ED revisits that occur at a different hospital by service line.

Behavioral Health and Hematology stand out as areas of concern, with high revisit rates overall and larger share returning to a different hospital.

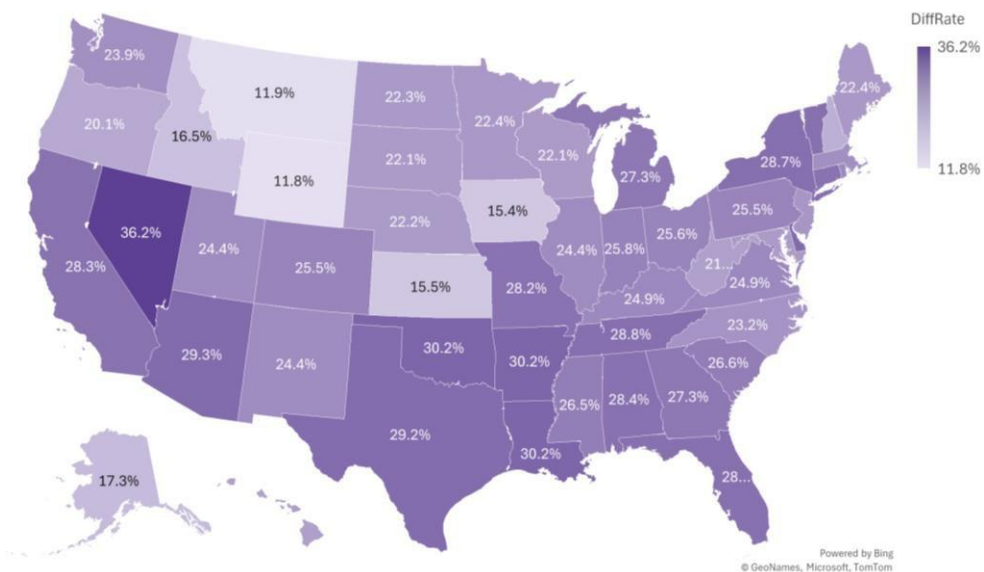
General medicine, hepatology, and nephrology have higher shares of ED revisits returning to a different hospital which may reflect challenges in follow-up coordination or access to primary and specialty care.

Figure 20. ED Revisit Rate by State, All Payers, 2023



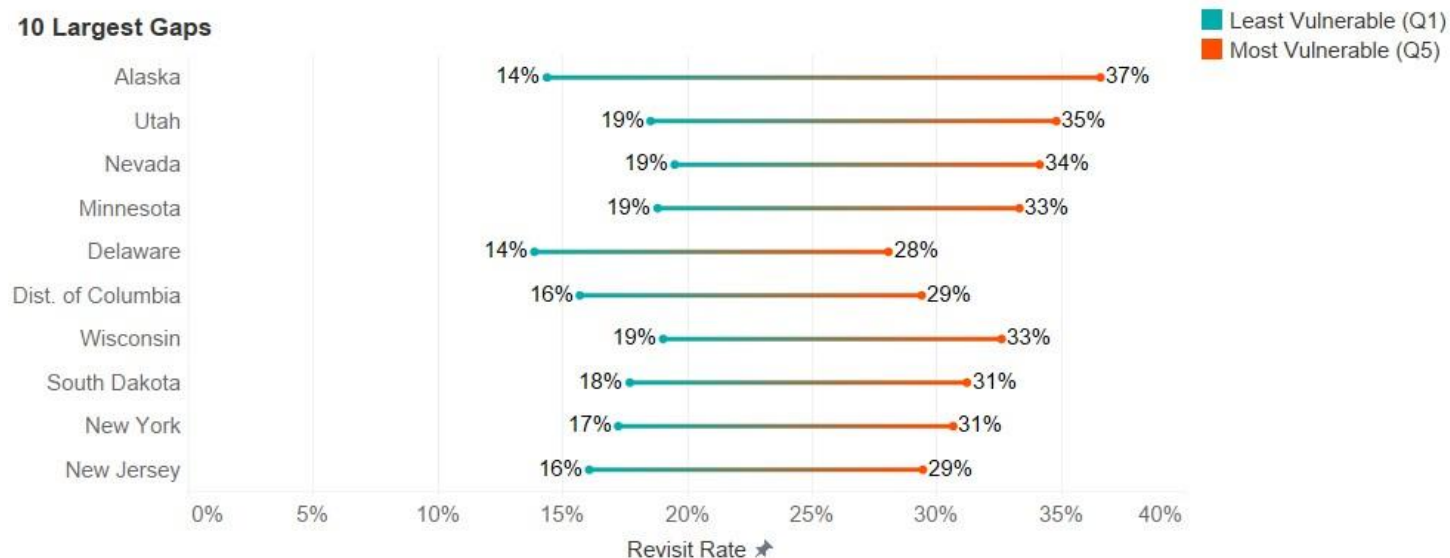
ED revisit rates varied notably across states. Alaska (26.8%) and Vermont (22.6%) were among the states with the highest rates, while states like Pennsylvania (15.6%), Tennessee (16.6%), and New Jersey (14.9%) reported comparatively lower rates.

Figure 21. Percent of ED Revisits to a Different Hospital by State, All Payers, 2023



The percentage of ED revisits occurring at a different hospital than the first ED visit varies notably by state. States like Nevada (36.2%), Oklahoma (30.2%), and Arkansas (30.2%) report some of the highest proportions of ED revisits to different hospitals.

Figure 22. ED Revisit Rate in the Most and Least Vulnerable Neighborhoods by State, All Payer, 2023



Within each state, there was variation in ED revisit rates between the least vulnerable neighborhoods and the most vulnerable.

The 10 states with largest gaps included Alaska, Utah, and Nevada.

The states with the smallest gaps included West Virginia, Arkansas, and Hawaii.

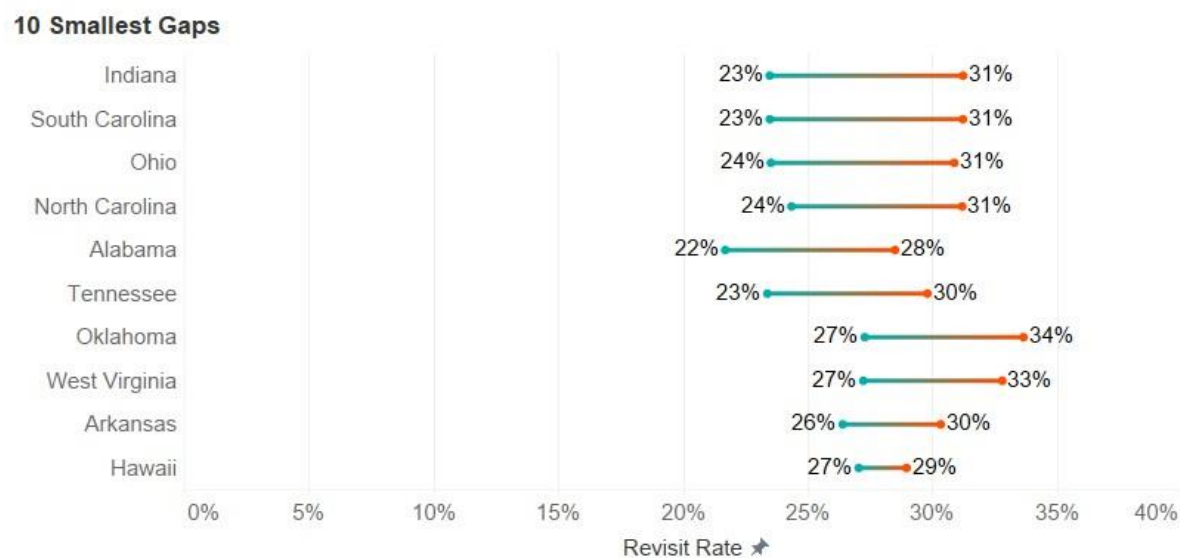
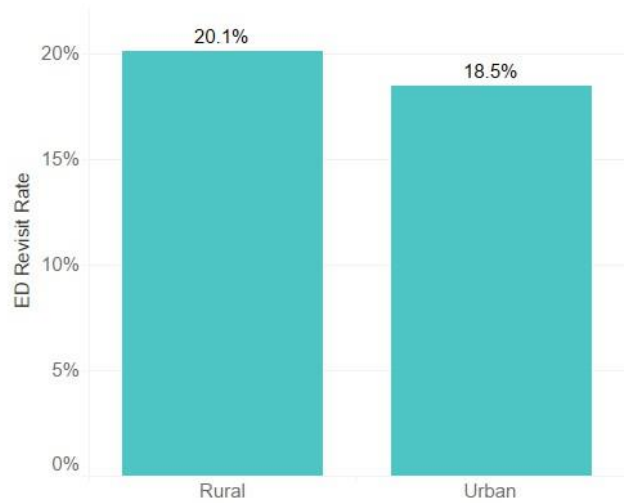


Figure 23. ED Revisit Rate by Market Type, All Payers, 2023



ED revisit rates were higher in rural areas (20.1%) compared to urban areas (18.5%), and rural patients were more likely to revisit a different hospital, 35.1% versus 27.2% for rural patients.

This trend is different from what's observed with inpatient readmissions, where urban areas have higher overall rates, but rural patients are more likely to be readmitted to a different hospital.

Figure 24. Percent of ED Revisits by Market Type, All Payers, 2023

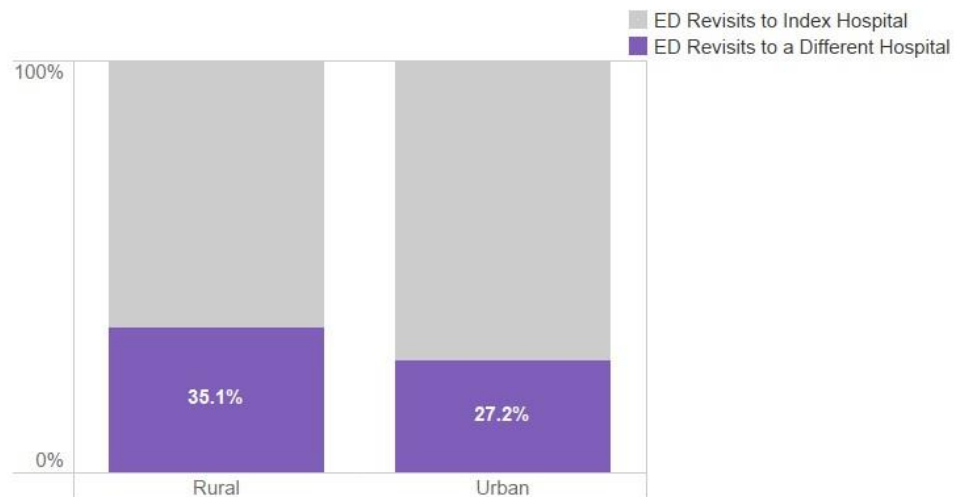
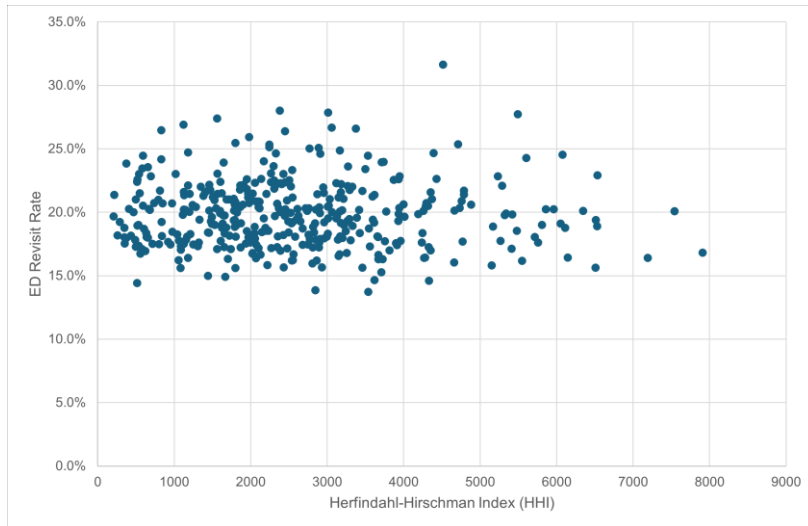
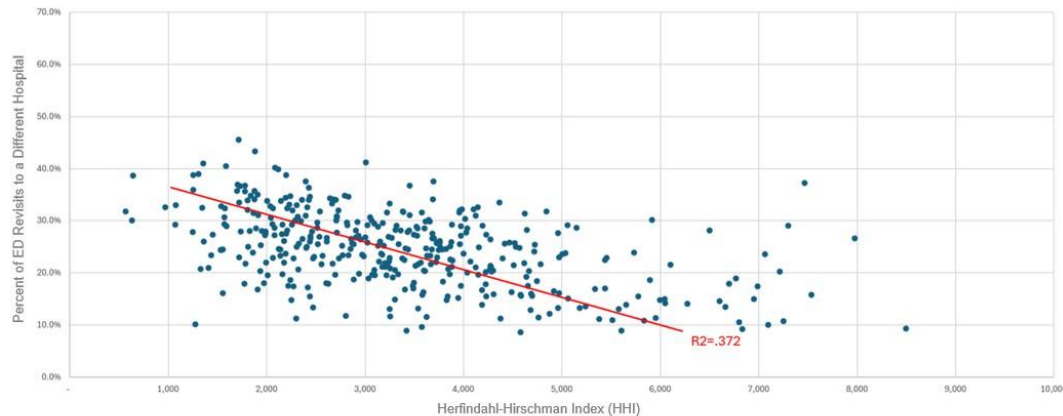


Figure 25. Market Concentration and ED Revisit Rate (Urban Markets)



Market concentration is not correlated to lower overall ED Revisit Rates in urban markets ( $R^2 < 0.1$ ).

Figure 26. Market Concentration and ED Revisits to a Different Hospital (Urban Markets)



*\*Lower HHI values indicate competitive/fragmented markets; higher values indicate high market concentration.*

However, market concentration is correlated with the percentage of ED revisits that occur at a different hospital in urban markets. As market concentration increases (moving right along the x-axis), the share of ED revisits to a different hospital decreases. This inverse relationship is moderately strong, with an  $R^2$  of 0.372. This suggests that in more fragmented markets, patients may experience greater care discontinuity, highlighting the role of hospital market concentration in shaping ED care patterns.

Note: The HHI is based on inpatient discharges within each market from distinct organizations, whether they are a system or a hospital.

R-Squared is a statistical measure in a regression model that determines the proportion of variance in the dependent variable that can be explained by the independent variable.

Figure 27. Annual Aggregate Costs and Volumes for 7-Day ED Revisits to Same Hospital vs. Different Hospital, All Payers, 2023

ED Revisit Type	Annual ED Revisit Cost	Annual ED Revisit Volumes	Average Cost per ED Revisit	Per Case: cost Increase for Different Facility	Perc Case: Percent Cost Increase for Different Facility
Total - All Hospital EDs	2,952,100,524	2,126,123	\$1,388		
Same Hospital ED	2,118,575,263	1,552,070	\$1,365		
Different Hospital ED	833,525,261	574,053	\$1,452	\$87	6.4%

Emergency department (ED) revisits represent a substantial financial burden. Our analysis estimated annual costs of \$2.9 billion for all ED revisits occurring within 7 days. Notably, revisits to a different ED within 7 days were found to be more costly than those returning to the same ED.

Focusing on the 7-day window helps isolate revisits more likely to be associated with the original (index) condition, minimizing the confounding influence of new or unrelated health issues. To enable consistent comparison, we used AHRQ ICD-10 clinical groupings, defined using clinical classification software (CCS), to compare like-condition revisits at same and different ED. The top 5 highest-volume clinical groupings are shown in the figure below.

The analysis revealed that ED revisits at a different ED facility cost 6.4% more on average than revisits to the same ED, controlling for like-conditions, an average excess of \$87 per visit.

Measure Definitions: Additional Cost for ED Revisits to a Different Hospital = Cost for ED Revisit at different hospital – cost for ed revisit at the same hospital; Additional Cost for ED Revisits to a Different Hospital per case = Cost for ED Revisit at a different hospital – Cost for ED revisit at the same hospital / total ed revisit cases

Figure 28. 7-Day ED Revisits to a Different ED: Additional Cost and Volume differences by Condition Groupings, All Payers, 2023

Top 5 ED Visit Category for 7-day ED Revisits	Total Revisits	Revisits to Different ED	Cost per Case Same Hospital Revisits	Cost per Case Different Hospital Revisits	Additional Cost different hospital revisit	Additional Cost	Annual Additional ED Revisit Cost from Different Hospital
Circulatory/Respiratory	650,527	31	1,342	\$1,422	\$80	5.6	\$16,237,149
Urinary Tract Infections	109,782	19	1,822	\$1,892	\$70	3.7	\$1,452,416
Head Injury	47,334	28	1,002	\$1,402	\$400	28.5	\$5,282,508
Hypertensive Disease	57,622	24	1,435	\$1,633	\$198	12.1	\$2,772,406
Skin Related Disease	58,402	23	902	\$1,083	\$181	16.7	\$2,410,134
Other	1,202,456	24	1,433	\$1,502	\$69	4.6	\$20,161,580
Totals	2,126,123	27	1,365	1,452	\$87	6.4	\$48,316,192

Notes: Visit categories defined by AHRQ CCS ICD-10 groupings.

Some clinical groupings showed especially pronounced cost differences. In particular, head injury and hypertensive disease were associated with significantly higher excess costs when ED revisit was performed at a different ED facility – \$400 and \$198 more per ED revisit, respectively. When aggregated across the all-payer population, the annual additional cost of revisits to a different ED within 7 days totaled approximately \$48 million.

# Discussion of Findings

In this report, we use Qualified Entity (QE) Medicare data combined with Vizient claims data to measure 30-day readmission and ED revisit rates as well as the percentage of these return visits occurring at a different hospital from the index admission. The visibility of the index hospital into the patient's condition, the cause of readmission or revisit, and the previous diagnostic results and treatments received is limited when the patient returns to a different hospital. We found that both the likelihood of returning and the likelihood of returning to a different hospital varied by rurality, neighborhood vulnerability, payer, state, service line and the level of market consolidation/fragmentation surrounding the index hospital.

The findings reveal notable variation in readmission and ED revisit patterns across patient populations, service lines, geographies, and market dynamics. Patients residing in more vulnerable neighborhoods, particularly those covered by Medicaid and Medicare, are more likely to be readmitted or revisit the ED, and to do so at a different hospital, signaling higher levels of care fragmentation. In contrast, Medicare Advantage members exhibited notably lower readmission rates and hospital-switching percentages, likely reflecting the influence of tighter provider networks and managed care structures and potentially lower patient acuity. Behavioral Health, Neurosciences, and Orthopedics stood out as service lines with particularly high rates of readmissions to different hospitals, underscoring care coordination challenges in these specialties. Geographic variation was also evident: urban areas had higher overall readmission rates, while rural patients were more likely to be readmitted to a different hospital. Southwestern states had disproportionately higher rates of readmissions involving hospital switching. Finally, market concentration, as measured by the Herfindahl-Hirschman Index (HHI), was moderately correlated with hospital-switching rates. Markets with higher HHI, indicating more consolidation, were associated with a lower percentage of readmissions and ED revisits to different hospitals. This suggests that fragmented, competitive markets may face greater care discontinuity, and that improving outcomes in these environments will likely require strategies focused on cross-system integration, including shared health records, coordinated referral pathways, and regional collaboration.

Reiterating the importance of “invisible returns,” this report demonstrates how switching hospitals—both for readmissions and ED revisits—results in higher costs, longer lengths of stay, and reduced provider insight. These patterns are particularly prevalent in vulnerable populations and fragmented markets, where care integration is often weakest. CMS readmission penalties consider all-market readmissions, underscoring the financial and clinical imperative of tracking cross-hospital returns.



In addition, understanding these patterns can offer strategic insights into patient loyalty and highlight gaps in service offerings. Facilities experiencing high rates of outbound readmissions may be facing challenges in follow-up care access, specialty coverage, or referral processes. Conversely, hospitals that attract a high share of inbound returns may need to evaluate data sharing and clinical continuity protocols with outside referring systems. Mapping these flows offers a powerful lens into competitive positioning and population needs.

The findings of this report highlight the importance of interpreting readmission and ED revisit measures within the broader context of social determinants and market dynamics. They point to the need for more coordinated and equitable care strategies, especially in vulnerable communities, supported by data-driven decision-making, aligned policy efforts, and collaboration across health systems.

## Methodology

Below are definitions for the quality measures used in this analysis:

Measure	Numerator	Denominator	Exclusions
Plan All-Cause Readmission	At least one acute unplanned readmission for any diagnosis within 30 days of the date of discharge from the Index Hospital Stay, that is on or between the second day of the measurement year and the end of the measurement year.	Patients with a discharge from an acute inpatient stay (Index Hospital Stay) on or between January 1 and December 1 of the measurement year.)	Patients under 18 years
30-Day ED Revisit Rate	Number of all-cause ED visits discharged to home that occurred within 30 days of a prior ED visit during the measurement period.	Total number of all-cause ED visits discharged to home during the measurement period.	Patients under 18 years

Below are definitions for the analytic variables used in this analysis:

Variable	Description
Herfindahl-Hirschmann Index (HHI)	The HHI is a measure of market concentration. For this analysis, HHI is calculated for each metropolitan statistical area (MSA) as the sum of the squared market shares of inpatient discharges for health systems and independent hospitals. Scores range from ~0 (least concentrated) to 10,000 (most concentrated/monopoly).
Additional Cost for Readmissions to a Different Hospital	(Cost for readmission at different hospital) – (cost for readmission at same hospital) for same index and readmission MS-DRG
Additional Cost for Readmissions to a Different Hospital per Case	((Cost for readmission at different hospital) – (cost for readmission at same hospital)) / (total readmission cases) for same index and readmission MS-DRG
Additional Length of Stay for Readmissions to a Different Hospital	(Length of stay for readmission at different hospital) – (length of stay for readmission at same hospital) for same index and readmission MS-DRG
Additional Length of Stay for Readmissions to a Different Hospital per case	((Length of stay for readmission at different hospital – length of stay for readmission at same hospital)) / (total readmission cases) for same index and readmission MS-DRG
Readmission Volume	Number of plan all-cause readmissions
Additional Cost for ED Revisits to a Different Hospital	(Cost for ed revisit at different hospital) – (cost for ed revisit at same hospital) for same index and revisit principal diagnosis
Additional Cost for ED Revisits to a Different Hospital per case	((Cost for ed revisit at different hospital) – (cost for ed revisit at same hospital)) / (total ed revisit cases) for same index and revisit principal diagnosis
ED Revisit Volume	Number of ED revisits
Cost	Encounter charges * each respective hospital's Medicare cost to charge ratio
Readmission/Revisit Location	Either the same or different CCN or facility NPI from the index hospital

# Data Source

The data used for this report include healthcare claims from CMS representing Medicare FFS and a Proprietary Vizient All-Payer Claims dataset representing Medicare Advantage, Commercial, and Medicaid payers. The period evaluated includes data from 2023. The patent pending VVI was utilized to compare measures across quintiles of neighborhood vulnerability. The VVI is a quantification of neighborhood resources and obstacles to care based on public data including US Census American Community Survey, USDA Food Research Atlas, Housing and Urban Development Comprehensive Housing Affordability Strategy data, EPA Environmental Justice data, FBI violent crime statistics, HRSA provider shortages, and tuned to Life Expectancy at Birth at the census tract level. This index summarizes the overall social need, as well as need within nine domains: economic, education, health care access, neighborhood resources, housing, social resources, clean environment, transportation, and public safety.

# About Us

Vizient, Inc. is the nation's leading healthcare performance improvement company. As the largest member-owned health care company in the United States, Vizient understands what members need to deliver exceptional, cost-effective care. We work with a wide range of health care organizations to ensure that our innovative practices, knowledge base and expertise reach across communities and the care continuum. Vizient's diverse membership includes academic medical centers, pediatric facilities, community hospitals, integrated health delivery networks and non-acute health care providers. These members are interested in learning from our trusted experts, accelerating performance and improving care. Membership gives these organizations access to the ways we optimize each interaction along the continuum of care.

In 2022, Vizient, Inc. obtained certification from the Centers for Medicaid and Medicare Services (CMS) to become a Qualified Entity (QE), allowing Vizient to receive 100 of Medicare claims from all 50 states and the District of Columbia. As part of this certification, Vizient publishes an annual public report utilizing this data, in combination with other Vizient data resources, to provide measures of healthcare quality

# Appendix

A1. Readmission Rate, Percent of Readmissions to a Different Hospital, and Comorbidities by VVI Quintile and Payer, 2023

	VVI Quintile	Readmission Rate (%)	Percent of Readmissions to a Different Hospital (%)	0-1 Comorbidities (%)	2-4 Comorbidities (%)	5+ Comorbidities (%)
Medicare FFS	1	14.4	29.3	32.1	38.5	29.4
	2	15.1	30.8	35.7	34.8	29.5
	3	15.9	31.6	37.8	27.9	34.3
	4	16.7	33.3	32.3	26.4	41.3
	5	18.1	34.4	28.8	26.7	44.5
Medicaid	1	17.4	28.5	44.2	25.3	30.5
	2	19.2	31.3	44.9	24.8	30.3
	3	20.6	32.3	45.8	23.2	31.0
	4	22.5	33.8	48.9	22.1	29.0
	5	27.3	36.7	52.3	21.8	25.9
Commercial	1	5.3	8.2	66.2	30.2	3.6
	2	6.8	9.5	62.3	31.2	6.5
	3	7.7	9.9	63.1	28.3	8.6
	4	9.2	10.2	57.8	27.5	14.7
	5	10.1	11.3	55.1	26.8	18.1
Medicare Advantage	1	12.2	14.3	56.7	33.2	10.1
	2	12.8	15.2	55.3	28.4	16.3
	3	12.9	16.6	55.2	27.3	17.5
	4	13.2	17.2	50.2	28.4	21.4
	5	13.3	19.2	47.5	29.2	23.3

A2. All Payer Percent of Index Admissions, Readmission Rate, and Percent of Readmissions to a Different Hospital by VVI Quintile and State, 2023

	Percent Index Admissions (%)					Readmission Rate (%)						Percent of Readmissions to a Different Hospital (%)					
	Q1	Q2	Q3	Q4	Q5	Q1	Q2	Q3	Q4	Q5	All	Q1	Q2	Q3	Q4	Q5	All
Alabama	3.1	9.8	9.5	33.9	44.2	11.2	10.0	19.0	17.2	15.6	17.4	32.7	31.7	37.6	39.1	38.3	38.1
Alaska	3.2	21.5	47.5	14.2	15.5	9.1	11.2	18.1	18.1	16.7	15.4	25.0	31.8	33.8	33.6	32.7	34.3
Arizona	19.2	37.1	21.2	14.3	6.2	10.4	16.5	13.7	18.6	18.1	14.2	36.3	38.5	35.9	36.5	47.0	41.3
Arkansas	0.0	1.0	19.2	45.4	33.7	18.3	18.4	16.6	16.7	16.9	15.0	32.1	32.5	40.4	40.9	43.9	44.8
California	11.2	23.1	30.8	26.3	13.9	9.7	12.0	14.7	14.0	18.5	13.5	27.5	31.5	33.9	35.4	33.3	36.2
Colorado	26.7	35.6	16.1	15.7	8.3	12.8	13.9	9.7	15.3	18.0	12.0	33.8	35.4	34.0	34.6	29.7	31.3
Connecticut	7.4	29.0	35.5	30.3	5.2	16.7	13.1	19.0	13.4	18.3	19.5	25.5	22.8	20.7	20.2	21.1	23.3
Delaware	7.6	15.9	33.8	40.6	5.7	9.6	18.8	13.0	12.5	17.4	14.7	24.7	34.9	32.3	27.1	24.7	26.7
Florida	19.0	19.8	25.9	21.5	9.7	11.8	16.0	17.7	20.2	20.3	15.2	32.6	38.3	35.1	31.4	35.8	31.7
Georgia	2.0	12.7	25.6	26.0	28.9	13.4	18.6	19.8	20.0	17.0	14.1	30.4	31.3	34.9	31.7	35.9	31.9
Hawaii	37.5	42.6	12.1	5.1	0.0	8.7	15.9	16.9	16.5	33.3	16.7	23.6	23.3	22.5	12.4	0.0	23.5
Idaho	10.7	26.1	42.5	24.8	0.0	8.1	12.2	9.9	16.3	13.4	9.8	36.1	30.8	35.1	29.1	16.7	30.4
Illinois	9.1	21.3	26.4	19.5	15.5	18.5	14.3	18.5	18.6	19.7	19.4	25.6	26.5	27.7	33.8	35.7	30.9
Indiana	0.4	14.6	29.5	30.4	25.5	10.8	18.4	17.0	16.2	18.2	18.2	34.1	35.5	33.4	36.4	30.3	35.1
Iowa	14.4	35.3	27.7	15.2	0.7	9.8	14.0	17.2	14.6	19.0	16.5	33.8	32.5	37.9	35.7	29.9	32.4
Kansas	8.9	27.5	32.8	22.7	9.8	16.4	11.4	17.1	11.1	16.2	13.5	40.2	39.8	33.5	39.2	29.9	35.7
Kentucky	0.3	10.8	17.6	35.0	36.2	13.6	15.2	20.2	19.8	17.2	15.9	19.5	27.5	34.8	31.4	35.4	30.9
Louisiana	0.0	3.2	9.6	32.7	50.1	13.9	14.9	17.8	16.3	17.7	15.8	26.5	34.5	40.0	37.5	43.5	39.7
Maine	0.5	10.2	22.4	38.3	29.5	12.4	15.2	16.7	16.5	14.0	15.6	35.5	31.8	32.0	29.5	28.2	34.3
Maryland	5.9	34.6	28.8	20.6	17.3	13.1	15.9	14.1	14.8	18.8	12.2	31.3	35.2	40.3	37.2	38.5	34.7
Massachusetts	4.3	32.0	29.7	19.0	10.0	12.9	19.3	16.5	18.6	18.8	14.4	30.0	30.4	32.0	33.1	28.5	27.5
Michigan	2.1	20.1	29.3	25.2	20.1	17.4	14.7	13.6	15.3	19.7	18.7	28.2	30.8	27.8	33.7	32.5	28.7
Minnesota	14.2	34.2	30.0	11.9	4.2	17.6	14.3	12.7	14.3	19.5	19.2	25.8	28.6	25.7	32.5	27.1	28.7
Mississippi	0.0	5.6	12.9	19.6	62.8	9.6	12.9	16.7	15.3	15.8	12.6	22.7	30.5	32.1	28.2	36.5	35.0
Missouri	11.1	17.0	27.8	24.5	16.2	12.3	14.6	18.7	12.6	17.9	12.2	34.3	33.0	35.1	35.3	36.4	38.3
Montana	10.0	54.5	23.0	18.4	2.8	15.7	11.2	9.4	14.1	14.9	11.3	26.2	22.8	31.0	27.1	44.8	22.3

Nebraska	15.3	34.0	37.6	13.2	8.1	15.3	17.1	11.4	16.6	20.6	11.6	29.4	35.4	33.8	32.2	26.2	33.8
Nevada	7.4	28.6	32.1	14.3	19.8	17.7	18.7	14.3	14.5	24.2	18.2	42.2	44.2	45.0	47.2	49.6	47.5
New Hampshire	27.8	32.8	19.1	19.3	2.0	18.2	16.7	12.2	12.6	12.9	16.8	35.8	32.5	27.6	27.8	43.6	32.5
New Jersey	16.0	34.7	30.5	13.4	7.5	16.8	16.0	16.2	20.0	21.2	15.3	26.8	28.8	28.1	30.4	27.1	30.9
New Mexico	3.8	16.9	23.5	38.9	19.8	12.1	12.5	16.6	17.1	15.3	11.2	38.7	39.5	36.6	41.5	43.4	40.6
New York	13.0	27.8	37.1	18.9	7.3	11.8	19.2	18.2	16.8	17.9	17.9	28.1	27.6	25.1	32.9	29.3	27.8
North Carolina	5.6	14.3	19.7	38.9	18.0	10.8	17.2	16.2	16.4	16.5	15.4	25.1	27.1	27.8	28.1	29.7	31.8
North Dakota	1.4	48.4	31.0	17.6	4.8	10.2	15.7	17.8	12.3	17.1	17.4	33.3	27.7	37.6	31.8	43.2	31.2
Ohio	8.4	24.5	26.3	28.1	21.0	11.4	16.1	12.5	16.7	17.8	15.6	34.4	36.3	36.2	36.1	33.1	33.6
Oklahoma	0.0	8.1	20.7	32.3	31.6	15.2	12.2	15.0	14.8	16.6	11.4	38.0	36.0	42.2	43.7	42.9	41.1
Oregon	0.0	15.6	33.7	36.8	2.9	14.5	11.9	15.5	15.7	14.3	12.1	25.1	20.4	28.5	31.4	27.8	28.1
Pennsylvania	8.6	31.9	24.0	21.5	14.5	10.8	17.8	17.6	17.1	19.2	14.5	28.8	26.5	30.1	31.2	32.1	27.9
Rhode Island	19.0	34.4	28.4	12.5	13.3	14.9	13.9	19.0	18.6	18.9	11.7	31.5	35.5	28.8	42.2	28.9	30.2
South Carolina	1.1	18.4	27.8	32.2	12.6	15.3	17.9	18.3	14.2	17.1	19.0	40.0	39.6	33.6	34.0	37.0	34.1
South Dakota	16.5	30.6	33.8	13.8	4.8	15.5	18.3	17.6	15.0	21.1	17.0	30.2	32.0	31.0	20.4	52.8	32.4
Tennessee	6.8	13.6	20.1	33.9	29.5	15.4	12.9	12.9	17.8	17.0	14.7	29.8	31.7	32.3	32.5	37.5	35.5
Texas	10.5	30.2	33.1	29.1	4.3	18.3	16.3	13.8	19.9	19.0	13.6	39.5	42.0	40.7	40.0	38.7	38.6
Utah	23.0	42.1	29.3	4.4	1.0	12.2	9.7	9.2	17.3	15.2	12.0	29.8	28.2	30.3	30.7	36.3	28.0
Vermont	1.3	19.3	41.2	24.8	3.4	18.3	17.3	12.2	17.6	14.7	11.7	21.0	24.6	23.3	28.0	27.1	25.7
Virginia	10.6	26.5	26.9	16.3	7.1	12.3	13.3	17.4	16.6	17.0	14.9	31.3	26.3	28.8	36.3	36.7	31.7
Washington	11.4	37.5	33.9	17.1	8.0	9.5	12.8	18.0	16.3	15.7	15.3	27.2	24.1	26.6	32.6	32.7	30.1
West Virginia	3.1	1.4	14.2	39.3	38.9	0.9	20.2	16.2	15.0	18.6	19.1		40.7	31.1	32.4	38.6	32.5
Wisconsin	4.8	29.3	28.3	22.3	5.0	11.6	17.1	16.5	17.1	18.6	16.1	27.5	27.4	33.8	30.9	28.4	27.5
Wyoming	21.7	52.7	20.6	7.0	0.0	14.8	14.9	11.2	18.5		15.1	32.2	37.9	34.2	25.9		35.4

A3. All Payer Percent of Index Admissions, Readmission Rate, and Percent of Readmissions to a Different Hospital by VVI Quintile and Service Line, 2023

	Percent Index Admissions (%)					Readmission Rate (%)						Percent of Readmissions to a Different Hospital (%)					
	Q1	Q2	Q3	Q4	Q5	Q1	Q2	Q3	Q4	Q5	All	Q1	Q2	Q3	Q4	Q5	All
Infectious Disease	5.4	26.8	28.3	27.8	14.8	17.7	19.2	13.4	20.1	20.8	19.4	24.4	27.5	29.9	30.0	27.7	27.7
Cardiology	8.5	26.6	25.8	23.8	17.5	14.0	12.0	17.6	19.4	19.7	18.3	25.4	30.0	30.5	26.9	29.5	27.0
Neurosciences	9.0	21.5	23.5	22.4	16.1	10.2	10.5	17.2	11.1	12.9	14.2	51.6	52.0	57.7	59.0	55.9	54.1
Orthopedics	14.9	26.0	30.7	22.5	10.2	6.1	9.1	9.7	6.2	8.1	9.6	54.0	53.8	53.4	54.7	59.8	53.2
General Surgery	14.0	24.3	25.7	27.0	10.6	13.6	18.0	13.0	19.1	21.0	16.6	25.6	26.5	26.9	30.9	32.8	28.0
General Medicine	9.4	21.9	24.6	22.1	19.6	17.2	18.9	15.7	19.1	14.6	13.3	35.9	34.6	38.8	38.9	38.9	35.5
Spine	9.7	27.6	28.9	24.1	9.6	8.2	12.1	10.1	6.9	13.0	13.2	41.6	44.9	41.1	45.0	48.3	45.2
Gastroenterology	6.5	21.3	24.1	25.1	12.3	16.2	13.9	19.8	19.7	18.4	17.6	25.3	28.8	25.0	29.8	30.2	30.2
Cancer	10.2	23.2	25.9	20.2	9.8	18.8	21.1	19.4	20.3	22.4	22.1	23.4	21.7	27.3	28.1	28.3	20.3
Pulmonology	10.0	19.3	25.6	22.3	20.3	19.0	15.0	15.8	21.3	21.4	14.6	25.1	23.7	25.9	30.9	27.7	30.4
Nephrology	8.9	17.9	28.4	30.1	21.7	24.1	17.6	17.3	21.8	19.7	22.6	24.1	27.5	22.6	29.6	31.1	29.4
Vascular	10.5	24.5	30.1	21.8	18.7	16.7	10.7	15.8	14.4	15.9	18.1	29.0	32.5	31.3	28.8	30.3	31.9
Behavioral Health	4.9	19.2	27.8	27.7	26.2	13.7	12.9	15.2	18.1	20.4	18.8	55.3	55.3	54.0	58.6	56.6	60.1
Endocrine	6.3	17.4	24.8	30.8	17.5	17.1	18.4	16.5	22.6	21.5	23.1	25.5	27.5	29.2	25.5	31.0	29.6
Dermatology	9.9	25.7	29.3	25.0	13.7	10.0	12.1	13.4	13.7	11.0	14.7	26.0	25.4	27.1	26.9	35.8	31.8
Hematology	6.2	26.5	27.9	28.3	19.5	20.2	21.2	22.1	23.7	24.9	26.7	24.4	26.0	30.4	30.3	26.0	29.7
Urology	14.5	29.9	25.9	23.2	15.3	15.5	13.4	13.5	9.6	12.4	10.6	26.1	26.0	29.4	34.7	27.7	28.9
Hepatology	4.4	24.7	23.6	26.7	20.7	26.7	26.4	26.4	31.9	27.9	32.7	27.4	26.6	33.8	31.9	32.1	31.8
Burns and Wounds	5.0	24.5	22.8	26.8	22.0	18.9	14.8	16.8	18.9	19.0	14.8	33.6	34.5	35.3	38.5	48.3	42.1
ENT	12.1	29.5	25.1	24.1	16.6	9.4	8.8	7.7	8.9	6.1	10.0	30.4	37.1	38.7	34.9	32.0	35.9
Allergy and Immunology	11.2	21.5	23.8	22.5	15.3	21.9	21.0	23.9	19.9	21.9	19.3	24.4	22.6	25.3	25.3	19.0	22.9
Rheumatology	7.3	23.2	24.3	27.6	19.2	14.1	12.8	16.5	18.9	17.5	14.6	30.3	30.2	29.9	34.9	33.5	37.4
Ophthalmology	9.4	29.2	28.7	23.2	14.2	6.4	7.2	10.8	5.5	13.7	11.1	39.1	50.1	40.5	46.6	44.2	42.0
Genetics	6.5	25.6	24.3	22.1	15.6	16.4	17.8	17.0	22.2	14.9	22.0	27.0	31.5	21.6	27.7	29.2	29.0
Obstetrics	0.2	14.1	25.2	29.3	34.8	4.4	12.5	15.1	11.7	13.0	16.6	20.0	26.6	27.5	27.9	28.0	30.4
Gynecology	7.2	21.9	22.9	29.5	24.1	1.4	9.6	23.2	18.8	22.2	16.6		0.0	23.8	51.0	97.7	47.9

A4. Percent of Index Admissions, Readmission Rate, and Percent of Readmissions to a Different Hospital by VVI Quintile, HHI and Residence (CBSA), 2023

			Index Admissions (%)					Readmission Rate (%)						Percent of Readmissions to a Different Hospital (%)					
hhi	cbsa	cbsa	Q1	Q2	Q3	Q4	Q5	Q1	Q2	Q3	Q4	Q5	All	Q1	Q2	Q3	Q4	Q5	All
2,460	423,359	Anchorage, AK	5.5	7.8	48.3	17.5	20.9	10.1	15.8	14.4	14.3	17.8	12.9	31.7	26.7	30.9	31.7	32.2	34.0
3,968	142,898	Fairbanks, AK		65.2	34.2	0.6			9.8	16.4	25.0		11.3		24.4	22.2	100.0		24.7
1,840	1,245,771	Birmingham-Hoover, AL	9.7	15.6	23.7	28.3	22.7	15.2	14.5	16.3	15.6	17.5	14.3	38.5	44.4	34.9	36.7	37.0	36.3
4,519	588,191	Huntsville, AL	12.8	35.6	12.4	23.1	16.1	11.4	13.5	13.9	14.5	14.8	15.8	24.8	27.8	31.7	27.1	29.9	26.1
3,007	444,523	Montgomery, AL		7.8	26.1	49.2	16.9		17.4	17.0	17.6	20.2	18.9		52.0	44.3	45.9	43.4	42.2
2,713	431,230	Mobile, AL			28.2	44.0	27.8			16.3	16.3	16.3	13.1			22.2	27.6	21.6	26.7
4,687	338,826	Tuscaloosa, AL		6.1	13.9	28.3	51.7		10.9	14.9	17.4	16.2	19.7		37.5	28.0	22.3	28.7	26.4
3,485	273,957	Daphne-Fairhope-Foley, AL		44.2	32.3	23.5			14.3	15.6	15.2		14.6		29.3	31.8	31.5		27.2
2,117	924,644	Little Rock-North Little Rock-Conway, AR	3.7	5.3	37.5	34.6	18.8	14.9	14.7	15.8	16.4	19.5	17.3	29.3	33.9	40.1	41.6	43.1	37.8
2,140	855,260	Fayetteville-Springdale-Rogers, AR-MO		12.1	44.7	43.0	0.3		15.1	12.5	17.6	36.8	11.5		33.8	39.4	43.1	14.3	36.5
2,159	409,048	Fort Smith, AR-OK			15.1	28.8	56.1			14.9	16.5	18.5	13.4			34.6	43.5	45.1	44.5
1,806	5,940,841	Phoenix-Mesa-Scottsdale, AZ	21.7	40.1	21.7	10.7	5.8	13.7	15.0	16.3	17.6	19.0	14.3	33.9	37.7	36.8	38.5	39.5	35.0
1,876	1,271,693	Tucson, AZ	35.1	21.6	8.2	20.3	14.9	13.5	12.2	15.1	15.2	17.6	12.0	42.6	35.8	43.6	44.3	39.3	44.4
2,806	282,011	Prescott, AZ	4.6	63.3	26.8	4.8	0.4	10.1	12.4	13.0	12.1	3.3	10.5	36.4	35.1	28.6	31.7	0.0	35.5
3,302	258,623	Yuma, AZ		29.4	31.5	33.2	5.9		12.6	15.1	14.3	12.6	14.0		41.7	40.5	43.2	43.5	41.2
3,097	213,396	Flagstaff, AZ	4.4	32.7	24.9	11.3	26.7	9.5	14.7	16.5	13.5	18.1	18.3	71.4	29.3	31.4	53.8	51.2	37.4
2,239	147,680	Sierra Vista-Douglas, AZ		36.1	57.8	1.0	5.2		15.5	15.8	13.6	16.4	18.6		46.2	36.9	100.0	61.1	41.4
643	13,196,790	Los Angeles-Long Beach-Glendale, CA	6.5	13.3	40.3	30.3	9.5	13.9	15.2	17.2	20.4	21.8	17.5	31.8	38.1	40.1	44.0	43.1	42.0
564	5,798,384	Riverside-San Bernardino-Ontario, CA	6.4	20.0	12.5	40.3	20.7	13.0	15.6	15.5	17.2	18.9	19.9	22.5	34.8	37.5	35.5	36.1	31.6
2,037	4,897,459	San Diego-Carlsbad, CA	21.1	26.9	32.5	17.4	2.0	12.7	13.8	15.7	17.6	15.5	15.2	28.2	30.8	30.7	26.8	22.6	27.6
1,078	4,662,114	Anaheim-Santa Ana-Irvine, CA	18.3	38.2	36.6	6.8		13.8	14.7	16.8	16.9		16.1	29.1	32.7	34.7	37.5		36.0
1,589	3,388,601	Oakland-Hayward-Berkeley, CA	13.6	15.1	36.0	25.9	9.4	12.5	14.5	16.6	16.8	17.8	18.3	27.1	27.9	27.6	29.6	28.6	28.0



2,197	2,797,565	Sacramento--Roseville-Arden-Arcade, CA	6.1	26.5	22.6	27.0	17.8	13.6	13.3	14.9	17.8	19.7	12.9	40.4	28.4	27.5	27.8	31.9	27.6
1,735	2,769,938	San Jose-Sunnyvale-Santa Clara, CA	7.0	36.8	54.0	2.1		13.0	15.7	16.8	16.6		14.8	22.4	24.0	28.9	42.9		28.3
1,716	1,943,547	San Francisco-Redwood City-South San Francisco, CA	14.9	26.8	29.5	28.7		13.2	13.9	16.0	20.7		20.0	19.1	25.4	35.6	45.3		37.8
1,407	1,829,167	Oxnard-Thousand Oaks-Ventura, CA	12.7	37.9	36.8	12.6		13.9	15.8	15.6	17.1		13.1	31.6	28.5	34.2	24.8		27.8
3,686	1,126,130	Fresno, CA	0.0	24.9	0.3	31.5	43.3	0.0	13.4	13.8	15.8	18.8	19.6		35.4	50.0	29.2	25.7	30.3
1,811	937,854	Stockton-Lodi, CA		9.4	16.5	42.0	32.1		14.6	15.5	16.4	15.3	13.8		38.6	33.3	34.7	23.2	35.2
2,137	927,723	Visalia-Porterville, CA		9.6	5.8	46.5	38.1		13.9	13.0	14.2	15.2	14.8		36.5	27.3	28.3	38.5	30.8
2,206	841,011	Bakersfield, CA		0.3	16.4	25.3	58.0		8.0	13.5	16.9	16.5	18.9		0.0	54.8	42.3	44.4	44.5
2,985	719,085	Santa Rosa, CA	1.9	50.5	33.1	14.5		14.2	12.7	14.4	15.7		13.1	35.3	33.1	24.4	23.6		27.8
3,306	703,939	Modesto, CA		0.2	9.2	42.6	48.1		0.0	12.7	15.2	16.9	19.1			35.9	24.5	21.9	23.1
3,583	700,919	Santa Maria-Santa Barbara, CA	18.1	42.5	14.4	25.0		12.1	14.1	13.1	18.1		11.4	17.7	21.0	15.3	27.8		22.7
3,565	490,428	Santa Cruz-Watsonville, CA	17.9	23.0	56.7	2.4		10.5	13.5	16.4	17.1		13.1	23.3	30.2	31.2	35.0		32.8
2,855	462,128	San Luis Obispo-Paso Robles-Arroyo Grande, CA	9.1	72.9	16.1	1.9		11.1	13.2	15.0	15.9		14.4	40.4	33.1	37.2	17.6		37.1
3,334	455,118	Salinas, CA	22.5	14.3	27.2	36.0		12.0	16.1	15.5	17.9		13.3	21.4	13.9	18.4	23.2		19.5
2,605	427,332	Vallejo-Fairfield, CA		23.1	35.8	33.1	8.0		16.1	16.5	18.1	12.5	14.9		24.7	20.4	21.8	16.3	20.4
3,498	336,053	San Rafael, CA	41.2	58.8				13.7	13.5				15.7	23.7	26.7				22.0
2,249	301,920	Merced, CA			4.9	85.4	9.7			17.5	16.4	17.7	18.7			30.0	35.3	28.8	38.1
2,416	292,135	Yuba City, CA		1.3	3.1	24.3	71.3		9.8	10.7	15.3	21.1	22.8		12.5	33.3	22.3	20.7	22.9
4,759	189,243	Chico, CA		5.0		68.3	26.7		18.2		17.2	25.2	17.1		29.3		11.9	14.2	14.8
3,270	180,596	Madera, CA		16.1	26.5	30.8	26.6		12.8	12.8	17.3	18.2	18.5		24.2	38.9	20.0	28.6	26.9
3,866	175,601	Redding, CA		3.8	9.6	64.5	22.1		11.7	12.2	14.5	15.3	11.7		34.8	29.5	20.0	22.3	23.1
3,838	133,849	Napa, CA	8.2	4.2	67.7	19.9		14.5	22.0	13.7	13.2		12.4	13.0	38.9	30.6	17.6		27.0
1,732	3,173,422	Denver-Aurora-Lakewood, CO	30.9	28.4	12.5	20.7	7.4	13.9	14.2	15.1	16.2	20.0	11.5	35.9	33.5	34.4	34.8	37.6	36.4
3,823	699,154	Colorado Springs, CO	25.6	30.5	22.6	12.3	9.0	11.8	14.0	14.3	17.9	18.0	13.4	24.4	30.2	25.6	26.2	27.3	26.5
3,721	577,060	Greeley, CO	13.2	50.3	24.1	6.5	6.0	12.9	13.8	13.7	13.1	13.7	15.9	29.6	29.9	32.9	39.0	25.6	27.6
4,718	404,022	Fort Collins, CO	34.8	59.9	5.3			13.1	11.5	6.5			14.7	34.8	34.7	20.0			37.7
3,240	302,766	Boulder, CO	37.6	43.4	19.0			15.3	12.4	15.7			15.2	25.2	25.0	43.8			32.7

4,418	197,962	Grand Junction, CO	14.0	30.3	36.4	6.5	12.8	10.6	10.1	11.5	8.2	16.5	13.6	17.9	17.2	17.7	20.0	20.0	18.8
3,379	197,907	Pueblo, CO		27.8	8.6	30.9	32.7		14.3	9.4	14.8	15.5	16.8		24.5	25.0	21.2	17.6	17.8
2,442	1,525,135	Hartford-West Hartford-East Hartford, CT	1.6	22.1	40.6	23.7	12.0	13.4	12.2	16.4	17.1	18.3	18.0	12.9	24.1	24.9	23.0	16.5	24.5
2,221	1,153,953	Bridgeport-Stamford-Norwalk, CT	16.9	38.4	29.1	9.6	6.0	14.9	15.1	16.5	15.1	16.0	12.6	24.2	19.6	18.9	15.2	24.6	17.4
3,282	883,958	New Haven-Milford, CT		24.3	27.7	38.9	9.0		14.3	14.9	17.2	20.3	12.2		22.6	12.7	14.9	24.4	14.6
4,188	294,200	Norwich-New London, CT	3.9	18.9	37.5	30.0	9.7	10.1	15.3	14.7	17.9	18.6	15.3	38.9	29.8	29.5	22.6	24.4	29.1
969	6,939,247	Washington-Arlington-Alexandria, DC-VA-MD-WV	20.2	40.9	22.6	9.0	7.3	13.0	15.4	15.7	18.7	20.1	14.8	32.7	37.3	38.7	47.1	49.5	38.8
4,228	990,882	Wilmington, DE-MD-NJ	6.8	12.9	31.4	37.5	11.4	13.2	15.6	15.6	17.0	18.7	19.0	19.6	29.3	27.8	28.8	30.3	27.1
2,193	3,714,110	Tampa-St. Petersburg-Clearwater, FL	4.8	24.2	25.2	27.6	18.2	14.8	16.2	17.7	18.7	19.8	20.7	34.9	37.5	35.9	36.8	38.1	34.9
3,448	3,464,556	Orlando-Kissimmee-Sanford, FL	10.1	26.0	47.8	12.2	3.9	16.4	16.9	18.7	20.7	22.1	14.8	25.5	26.1	28.8	24.2	33.2	29.1
1,251	3,051,041	Miami-Miami Beach-Kendall, FL	9.1	15.2	40.0	24.1	11.6	16.2	18.5	19.1	22.3	26.3	16.9	31.4	37.1	44.0	43.8	44.1	41.4
1,357	2,558,600	Fort Lauderdale-Pompano Beach-Deerfield Beach, FL	9.0	26.3	30.7	26.1	7.9	16.3	17.0	18.8	21.2	23.7	16.7	38.8	39.4	40.3	42.3	38.0	43.0
1,808	2,093,471	West Palm Beach-Boca Raton-Delray Beach, FL	63.2	17.8	6.3	9.0	3.7	16.1	17.0	16.5	19.3	24.9	18.1	32.8	37.0	31.0	33.7	47.7	35.3
1,989	1,930,577	Jacksonville, FL	15.4	19.0	26.2	23.6	15.8	15.6	15.4	16.6	18.4	19.5	16.5	28.1	28.9	28.7	29.5	29.6	32.4
2,520	1,350,794	North Port-Sarasota-Bradenton, FL	29.2	45.4	15.4	8.5	1.5	14.3	16.0	17.8	17.9	17.1	12.2	39.9	37.1	40.4	36.6	36.6	36.3
2,303	1,190,401	Lakeland-Winter Haven, FL	0.3	10.2	52.3	28.6	8.6	20.0	15.1	18.0	19.1	19.5	19.7	77.8	25.5	30.4	34.7	18.9	29.4
3,956	1,141,101	Cape Coral-Fort Myers, FL	36.7	32.6	16.9	11.6	2.2	15.1	15.3	16.3	16.1	18.6	18.3	32.0	35.3	35.7	32.8	31.1	31.9
4,399	1,086,991	Deltona-Daytona Beach-Ormond Beach, FL	4.0	15.5	47.7	26.5	6.3	16.6	15.0	15.2	17.2	19.6	13.0	32.1	38.5	28.3	32.5	27.8	29.0
3,526	880,949	Palm Bay-Melbourne-Titusville, FL	15.0	16.8	44.1	22.2	1.9	14.2	14.9	16.8	16.1	17.2	19.5	37.6	36.4	41.3	38.6	43.5	36.7
2,258	806,189	Pensacola-Ferry Pass-Brent, FL		7.4	37.0	47.4	8.2		15.7	15.0	15.6	20.1	19.3		41.7	29.6	31.5	31.0	33.0
3,199	727,325	Port St. Lucie, FL	37.5	20.8	34.5	1.6	5.5	15.9	17.0	19.6	16.8	22.5	18.4	28.6	35.4	35.3	29.5	35.9	30.0
3,494	534,370	Tallahassee, FL		27.0	14.8	33.8	24.4		14.5	18.2	18.1	21.9	16.0		35.0	40.8	44.0	34.4	36.7
3,161	526,093	Ocala, FL			42.5	47.1	10.4			15.6	16.5	19.8	18.0			37.7	28.7	25.3	35.6
3,176	388,769	Crestview-Fort Walton Beach-Destin, FL	3.7	30.7	24.4	40.1	1.1	14.8	14.1	15.8	16.6	19.5	16.3	27.5	35.3	35.5	27.0	26.7	28.0

3,035	328,342	Naples-Immokalee-Marco Island, FL	72.5	21.4	6.1			14.2	17.6	17.7			11.6	27.9	25.6	32.1			30.5
4,148	291,813	Gainesville, FL		36.3	28.3	15.2	20.2		16.1	14.7	16.9	20.5	18.8		17.1	16.3	18.2	18.5	15.6
3,139	274,190	Sebastian-Vero Beach, FL	16.5	44.2	27.6	11.8		13.8	14.2	14.3	16.2		14.1	38.1	37.6	33.9	42.0		37.2
3,864	273,303	The Villages, FL		58.1	26.1	15.6	0.1		13.5	14.4	15.8	0.0	13.1		42.9	49.3	43.5		44.2
3,682	212,229	Homosassa Springs, FL		0.2	50.2	49.6			20.0	16.3	17.3		20.4		100.0	36.6	30.6		32.8
2,642	187,335	Punta Gorda, FL	2.3	59.1	38.5			17.6	16.4	16.8			14.9	48.0	41.1	38.7			39.8
3,609	100,978	Sebring, FL		35.3	37.5	27.2			16.0	18.7	16.2		19.7		29.5	28.1	39.7		30.2
1,721	7,431,998	Atlanta-Sandy Springs-Roswell, GA	6.2	30.7	22.3	27.5	13.3	15.8	15.4	16.4	17.6	19.9	14.6	29.3	32.4	32.9	37.5	38.8	35.0
1,828	646,898	Augusta-Richmond County, GA-SC		22.3	26.1	36.8	14.8		13.8	16.9	16.1	18.5	15.7		34.9	33.9	35.0	34.6	32.1
2,429	537,091	Savannah, GA	7.4	9.4	37.7	32.4	13.1	9.9	14.6	15.7	15.9	16.2	12.7	50.0	43.7	44.3	41.7	37.3	45.3
2,673	470,644	Columbus, GA-AL		11.3	15.2	42.7	30.8		15.4	14.3	16.7	18.1	20.1		50.5	45.2	49.4	48.5	49.2
4,722	363,553	Gainesville, GA			62.1	37.9				14.9	16.3		14.6			30.3	11.8		22.4
3,985	327,321	Athens-Clarke County, GA		14.9	29.5	41.7	13.9		14.7	18.6	19.4	16.1	16.7		21.3	17.4	22.8	22.9	19.7
3,689	315,695	Macon-Bibb County, GA			31.4	30.5	38.1			15.0	15.5	18.0	14.5			55.5	44.6	42.3	49.7
4,232	307,725	Albany, GA			30.6	7.3	62.1			13.7	19.8	17.5	13.2			22.8	8.6	24.0	23.9
2,066	216,865	Warner Robins, GA		8.1	45.6	26.3	20.1		13.6	14.8	14.4	12.9	12.4		47.5	39.9	33.8	53.7	40.1
4,305	138,602	Brunswick, GA	27.4		2.4	49.2	21.0	14.5		14.0	17.2	18.1	16.2	25.0		37.5	26.0	33.7	28.7
2,855	1,374,635	Urban Honolulu, HI	49.3	37.2	8.4	3.7	1.3	12.9	15.4	16.2	16.4	15.3	11.5	21.8	16.6	23.0	12.7	11.1	23.0
5,063	205,257	Kahului-Wailuku-Lahaina, HI	16.7	70.7	11.7	0.4	0.5	7.0	13.0	11.5	0.0	0.0	15.2	23.1	22.5	40.0			20.7
3,631	722,260	Des Moines-West Des Moines, IA	24.7	42.4	12.6	16.3	4.0	12.9	12.8	12.0	15.2	22.1	16.9	30.3	27.8	31.9	22.6	31.6	30.3
2,174	510,397	Davenport-Moline-Rock Island, IA-IL	12.3	31.2	23.5	29.7	3.3	12.0	14.5	15.1	18.1	18.9	13.7	41.3	32.6	29.1	31.4	35.9	29.5
3,592	336,850	Cedar Rapids, IA	15.0	27.8	39.3	17.4	0.4	14.2	14.4	13.8	15.5	15.0	15.5	25.5	24.5	24.9	15.3	33.3	21.0
2,514	211,404	Iowa City, IA	21.9	42.8	35.3			14.2	13.8	14.3			10.7	40.0	30.3	34.1			33.3
3,401	188,106	Waterloo-Cedar Falls, IA	9.2	46.2	20.3	14.1	10.1	11.2	11.2	10.7	13.0	26.9	11.4	22.2	31.9	29.8	25.0	39.4	31.2
2,624	175,893	Sioux City, IA-NE-SD	14.0	30.1	33.0	8.8	14.1	16.0	13.8	17.4	26.4	17.3	18.4	47.1	34.6	30.2	23.6	15.8	33.8
3,203	112,346	Dubuque, IA	4.5	16.1	37.0	42.4		15.2	14.6	12.6	12.9		13.4	30.0	20.0	18.8	22.2		22.6
4,748	108,738	Ames, IA	16.6	83.4				12.9	11.6				14.6	25.7	19.6				17.8

3,175	828,858	Boise City, ID	20.4	35.0	25.3	19.3		11.5	12.3	13.2	13.2		16.1	30.7	33.0	40.2	32.5		37.1
3,539	198,801	Idaho Falls, ID	1.0	13.6	70.3	15.1		15.0	13.3	10.7	9.1		14.7	33.3	29.7	29.4	32.1		33.3
5,577	190,850	Coeur d'Alene, ID		28.1	71.9				12.6	13.1			10.4		9.6	19.2			13.8
6,046	83,707	Pocatello, ID		18.6	4.0	77.2	0.1		11.3	7.4	15.1	0.0	10.4		42.9	100.0	30.8		36.1
1,072	8,133,875	Chicago-Naperville-Arlington Heights, IL	15.1	29.5	21.9	16.9	16.5	15.2	16.0	17.3	19.3	21.5	21.1	24.5	26.6	30.8	34.7	37.5	28.7
2,178	1,047,423	Lake County-Kenosha County, IL-WI	33.3	32.9	18.4	11.7	3.7	15.4	16.3	17.0	18.7	16.3	12.5	24.3	26.8	29.0	34.2	27.7	27.0
2,832	796,221	Elgin, IL	42.5	15.0	30.3	12.2		15.5	16.1	18.0	14.3		17.2	30.2	31.4	28.8	24.7		30.8
4,271	476,508	Peoria, IL	7.7	28.9	31.8	15.1	16.6	11.4	13.9	16.7	13.8	20.0	13.9	28.6	23.6	23.2	31.1	20.6	22.6
2,274	397,234	Rockford, IL		27.9	12.7	39.0	20.3		15.9	15.0	16.4	22.3	13.7		33.2	30.8	29.8	31.2	30.9
5,438	357,036	Champaign-Urbana, IL	0.7	33.1	22.6	32.8	10.8	9.1	20.4	22.3	23.6	18.4	20.4	0.0	14.9	14.7	11.5	11.9	12.3
5,017	266,747	Springfield, IL	7.1	17.2	19.1	22.6	33.9	10.8	14.8	16.0	15.2	18.9	17.4	10.0	17.0	14.2	17.0	9.6	17.2
3,599	262,842	Bloomington, IL	2.5	41.7	30.1	25.7		18.4	13.6	17.1	14.3		15.0	35.7	20.9	26.3	27.9		23.4
4,158	143,533	Decatur, IL	2.5	8.9	11.7	36.9	40.0	9.8	12.5	11.0	15.3	16.1	18.4	50.0	51.9	32.3	32.1	37.8	40.3
4,101	143,449	Carbondale-Marion, IL		1.5	9.6	46.1	42.8		2.1	20.0	17.5	17.0	18.0		100.0	45.2	40.6	41.5	39.0
3,405	98,681	Kankakee, IL		5.1	38.1	8.4	48.3		12.0	12.8	16.2	18.1	16.7		28.6	27.0	29.0	36.2	31.9
3,945	82,291	Danville, IL		3.7	28.5	14.7	53.1		18.2	13.9	14.2	17.6	15.0		25.0	24.3	29.7	27.3	25.0
1,568	2,348,052	Indianapolis-Carmel-Anderson, IN	9.8	18.0	28.1	22.2	21.9	14.5	14.9	15.3	15.8	18.4	19.7	40.7	36.1	31.4	35.3	27.3	31.4
2,121	966,447	Gary, IN	3.6	20.9	31.8	14.8	28.8	14.2	15.2	15.5	16.6	20.4	13.8	36.4	36.8	33.4	29.3	29.7	35.9
3,765	526,637	Fort Wayne, IN	9.4	20.8	27.7	17.2	24.9	16.9	15.9	15.6	16.7	17.4	17.5	23.5	25.8	25.0	33.5	29.9	26.3
3,677	513,491	Evansville, IN-KY	4.7	13.5	25.8	41.6	14.3	13.6	12.5	15.6	15.9	18.3	14.3	22.6	19.6	22.8	30.9	28.4	26.0
3,094	420,120	South Bend-Mishawaka, IN-MI	8.1	9.7	27.9	38.2	16.1	14.6	13.1	14.4	15.7	20.5	15.3	28.1	22.1	30.6	26.1	19.8	28.5
4,223	286,737	Elkhart-Goshen, IN		1.7	28.3	53.1	16.9		20.0	10.6	14.8	17.4	12.3		0.0	20.6	21.7	25.8	19.8
4,122	239,688	Bloomington, IN		22.9	23.5	53.5	0.1		16.3	14.2	15.0	0.0	12.7		44.4	31.5	44.4		43.2
3,659	229,321	Terre Haute, IN		0.6	7.8	55.4	36.2		16.0	17.4	16.5	20.4	15.4		25.0	27.3	29.7	29.5	29.3
3,433	156,387	Lafayette-West Lafayette, IN		5.9	74.0	6.6	13.5		17.2	15.5	17.4	27.0	17.1		27.3	32.4	36.0	46.3	37.1
3,605	96,825	Michigan City-La Porte, IN		3.4	11.7	84.9			16.3	17.6	13.1		13.2		42.9	50.0	35.5		35.9
3,271	614,998	Wichita, KS	7.9	32.5	28.6	20.2	10.8	14.5	12.5	13.4	13.3	16.4	15.7	43.6	34.4	28.4	27.3	14.6	27.2
2,938	299,847	Topeka, KS	3.8	26.8	34.9	28.8	5.6	15.7	13.0	14.2	16.9	20.4	16.2	26.8	31.9	33.5	30.9	46.2	32.4

1,275	86,543	Manhattan, KS	23.7	16.6	28.2	30.8	0.8	12.0	14.5	15.9	13.4	33.3	16.2	33.3	57.1	44.2	43.8	66.7	46.5
4,517	72,352	Lawrence, KS	46.5	31.0	22.5			8.4	15.3	17.8			14.7	27.1	37.9	40.8			37.7
2,906	1,686,667	Louisville/Jefferson County, KY-IN	11.5	15.7	23.6	26.3	22.9	15.1	14.7	15.9	16.1	18.8	14.1	18.6	23.6	25.4	32.9	33.2	26.7
1,913	716,287	Lexington-Fayette, KY	1.9	21.6	16.0	47.9	12.5	9.8	15.3	15.4	16.9	17.9	16.1	30.8	25.3	25.7	30.3	29.6	27.8
2,921	1,622,570	New Orleans-Metairie, LA	1.8	8.7	7.6	36.1	45.8	14.0	16.0	17.1	17.6	20.1	15.8	25.8	31.0	28.5	28.4	34.6	33.2
1,910	994,845	Baton Rouge, LA	0.3	10.5	16.7	36.0	36.5	9.5	19.0	15.1	16.6	19.1	15.7	0.0	50.0	35.5	39.5	46.4	43.8
2,714	733,500	Lafayette, LA	0.0	17.1	4.4	33.4	45.1		14.7	15.1	16.1	16.6	15.2		30.6	33.9	36.0	43.4	39.5
2,821	501,195	Shreveport-Bossier City, LA			15.3	41.2	43.5			16.3	16.5	18.8	18.8			38.8	39.7	40.8	40.1
2,199	332,872	Lake Charles, LA			30.1	33.7	36.3			17.3	14.6	17.7	15.7			42.5	36.5	43.1	43.1
2,154	2,999,676	Cambridge-Newton-Framingham, MA	8.0	43.9	37.0	9.3	1.7	16.0	16.5	17.4	18.9	17.5	19.8	29.7	32.9	30.6	32.2	27.5	33.6
1,704	2,786,295	Boston, MA	8.8	30.2	30.7	25.0	5.3	15.1	16.1	17.4	18.4	19.7	17.7	29.6	32.4	31.3	29.7	29.4	29.9
2,732	1,026,619	Worcester, MA-CT	2.3	25.9	24.7	38.6	8.6	15.0	15.8	17.3	17.1	18.4	20.2	40.6	32.5	33.4	37.1	30.5	34.9
3,698	782,466	Springfield, MA		26.5	29.9	20.0	23.5		14.7	18.7	19.3	18.5	16.6		30.5	32.5	24.6	24.1	32.2
4,877	221,391	Barnstable Town, MA	15.0	58.1	17.4	2.8	6.6	15.3	16.1	15.8	17.7	24.1	12.8	26.8	27.6	23.2	24.0	30.6	30.3
5,511	178,717	Pittsfield, MA	1.7	21.1	21.9	55.3		7.4	14.1	15.6	17.3		16.8	20.0	33.9	29.5	17.5		23.6
1,587	3,227,422	Baltimore-Columbia-Towson, MD	5.4	28.9	24.6	15.8	25.2	13.2	15.0	16.2	18.4	19.4	15.2	30.2	31.2	34.8	38.4	43.2	36.3
1,568	1,593,931	Silver Spring-Frederick-Rockville, MD	20.2	50.9	28.5		0.5	14.0	14.8	15.2		25.3	11.4	31.1	36.3	34.9		41.7	34.9
1,972	448,129	Salisbury, MD-DE	5.9	17.9	27.9	42.6	5.8	12.5	14.8	14.4	15.4	17.8	17.6	32.2	39.4	43.2	38.9	27.5	35.8
3,249	358,773	Hagerstown-Martinsburg, MD-WV	4.8	5.2	45.8	13.3	30.9	17.6	12.2	15.6	15.1	20.1	13.8	20.4	22.5	20.1	34.6	16.0	19.6
5,238	254,194	Cumberland, MD-WV	3.6		14.7	21.8	59.9	10.3		10.7	14.0	17.2	16.2	18.2		36.2	30.8	20.2	20.7
5,998	116,277	California-Lexington Park, MD	0.2	71.1	28.2	0.5		25.0	13.4	14.1	16.7		11.4	100.0	32.8	46.9	0.0		36.4
3,668	615,153	Portland-South Portland, ME	9.8	25.1	30.1	35.0		13.9	14.0	14.3	16.4		11.4	33.0	31.4	35.5	36.5		38.6
2,063	3,193,025	Warren-Troy-Farming Hills, MI	6.7	27.5	27.6	24.1	14.2	15.9	16.9	16.3	17.5	19.9	13.4	31.4	28.1	30.4	29.6	32.9	32.5
2,083	2,009,236	Detroit-Dearborn-Livonia, MI	4.6	12.2	13.6	17.1	52.4	14.9	16.3	17.5	18.4	21.2	22.8	28.5	26.6	34.0	35.6	37.0	36.5
3,003	1,426,051	Grand Rapids-Wyoming, MI	8.4	32.0	28.8	27.8	3.0	13.3	12.8	15.2	16.6	27.0	15.9	26.5	22.1	24.7	27.0	18.9	28.4
3,049	527,755	Kalamazoo-Portage, MI	1.6	23.1	36.2	22.9	16.2	9.9	13.6	14.9	15.8	18.0	17.1	25.0	21.5	23.1	28.2	24.3	22.2

3,963	510,617	Ann Arbor, MI	7.7	53.8	13.6	13.7	11.2	11.7	15.4	14.0	20.3	20.2	12.6	46.9	23.4	20.0	25.4	23.6	24.2
3,757	490,655	Lansing-East Lansing, MI	1.4	13.6	47.3	1.5	36.2	14.8	16.0	15.8	13.3	18.1	13.9	25.0	27.6	28.2	37.5	23.7	24.6
4,695	235,736	Jackson, MI	1.1	5.4	20.7	59.7	13.1	7.5	14.2	13.9	16.8	16.5	15.5	0.0	14.3	20.0	21.8	17.7	17.1
3,317	218,751	Saginaw, MI		7.4	24.3	19.4	48.9		13.1	15.5	15.4	19.2	18.8		37.1	33.1	24.1	20.9	28.6
4,275	166,450	Battle Creek, MI		3.8	38.3	38.4	19.5		6.9	15.1	11.5	14.3	9.4		0.0	39.1	21.4	30.2	30.2
3,492	151,497	Monroe, MI		32.6	9.9	35.8	21.7		15.0	18.0	17.8	21.2	19.7		29.1	30.9	38.8	32.4	32.9
4,958	77,994	Niles-Benton Harbor, MI	40.5	7.3	51.6	0.6		12.7	17.0	13.4	25.0		16.2	15.5	29.4	17.9	100.0		16.5
1,989	3,602,043	Minneapolis-St. Paul-Bloomington, MN-WI	17.5	38.7	26.5	11.6	5.7	15.5	14.9	16.1	17.5	19.3	19.3	25.9	27.5	28.2	26.5	21.4	27.6
3,249	296,105	Duluth, MN-WI		19.2	21.2	43.9	15.7		13.5	11.1	16.8	20.2	14.9		33.3	26.6	30.8	27.4	30.9
7,978	227,638	Rochester, MN	29.4	54.7	15.8			16.0	16.8	17.4			13.8	8.4	7.7	2.1			3.6
7,534	212,038	St. Cloud, MN	7.3	40.6	40.8	11.2		11.8	13.7	17.2	15.8		12.6	8.7	17.6	14.4	12.8		16.6
4,579	159,975	Mankato-North Mankato, MN	4.3	41.6	54.0			12.7	13.6	15.3			10.7	40.0	42.7	34.4			39.0
2,003	3,050,106	St. Louis, MO-IL	18.8	23.2	24.7	16.4	16.9	16.0	16.5	16.4	17.5	19.8	15.2	35.0	38.5	35.8	33.9	36.6	39.2
1,343	2,431,280	Kansas City, MO-KS	16.2	37.3	25.6	13.0	7.9	14.2	15.4	15.6	15.7	19.8	14.8	38.9	34.5	34.0	37.7	34.8	33.1
3,438	518,362	Springfield, MO	11.4	32.1	21.0	12.7	22.9	12.2	14.6	15.8	15.0	17.1	16.8	28.4	23.2	25.4	33.3	24.9	23.6
3,024	306,851	Jefferson City, MO	2.1	25.5	63.0	9.4		8.3	13.7	16.9	15.5		17.6	16.7	27.4	21.0	28.6		21.8
5,654	159,584	St. Joseph, MO-KS		11.6	48.3	32.8	7.3		13.5	16.1	16.3	19.0	17.7		28.3	24.3	19.3	25.5	26.2
2,610	133,307	Cape Girardeau, MO-IL		5.9	69.0	0.7	24.4		10.6	10.9	8.3	16.9	9.9		50.0	30.8	0.0	39.4	31.6
3,574	128,034	Columbia, MO		100.0					14.4				10.6		11.2				12.1
1,858	626,633	Gulfport-Biloxi-Pascagoula, MS		3.7	10.0	46.7	39.7		18.9	16.7	16.7	16.5	18.8		38.9	26.2	35.9	39.4	40.3
2,307	606,980	Jackson, MS	9.2	17.8	12.5	20.1	40.4	12.5	15.5	14.1	17.9	17.7	15.3	25.8	29.2	22.8	24.4	31.1	29.3
3,881	282,076	Billings, MT	13.0	64.6	3.1	19.2		13.1	13.7	6.7	14.5		16.6	26.3	12.5	28.6	18.3		12.6
5,437	141,140	Missoula, MT	0.8	38.9	39.5	20.9		13.3	14.1	14.9	14.9		13.4	0.0	15.9	13.0	13.1		15.4
5,732	82,091	Great Falls, MT		2.7	70.6	26.8			7.4	14.0	15.9		16.3		0.0	19.0	14.0		14.5
2,905	3,583,279	Charlotte-Concord-Gastonia, NC-SC	10.9	17.0	18.2	39.4	14.6	12.9	12.8	14.8	15.9	18.0	16.2	34.5	31.8	30.4	33.5	26.9	32.3
2,933	1,629,529	Raleigh, NC	19.0	36.8	20.6	18.4	5.2	14.0	14.4	16.1	17.6	17.9	12.9	25.7	26.8	23.4	25.7	23.1	25.3
2,699	1,553,907	Greensboro-High Point, NC	11.4	4.5	29.8	36.7	17.5	14.1	12.2	15.3	16.6	18.2	16.4	21.9	30.8	25.5	27.7	19.4	21.5
3,696	699,161	Durham-Chapel Hill, NC	8.1	52.0	21.0	12.2	6.7	13.6	13.6	15.0	18.0	22.1	14.1	12.5	20.7	26.2	32.0	44.2	25.7

3,786	577,598	Winston-Salem, NC	3.1	21.2	14.3	49.6	11.8	14.9	15.7	16.2	16.7	20.7	19.3	21.4	22.6	23.0	20.9	17.9	23.0
6,662	425,830	Wilmington, NC	0.9	35.1	29.8	22.4	11.8	10.2	11.5	14.4	15.0	18.9	15.1	80.0	19.2	19.0	24.7	33.1	19.4
4,619	386,341	Asheville, NC		21.6	46.2	27.6	4.6		12.5	12.3	14.8	15.3	10.9		25.9	26.1	23.2	4.8	21.2
5,148	375,812	Fayetteville, NC				64.4	35.6				16.4	18.7	13.3				21.6	25.5	22.8
2,262	296,484	Hickory-Lenoir-Morganton, NC		0.9	2.5	79.2	17.5		3.6	6.4	13.8	15.6	12.1		0.0	20.0	30.7	32.6	29.2
5,835	216,299	New Bern, NC		5.5	41.0	48.7	4.9		14.0	14.2	16.3	21.8	16.9		21.7	14.3	19.3	9.4	14.6
3,992	51,780	Burlington, NC		0.5	1.9	97.6			0.0	12.5	13.7		15.2			0.0	30.9		33.7
4,038	195,111	Fargo, ND-MN	5.1	46.1	18.7	30.1		17.2	16.0	20.8	19.4		16.0	19.2	29.4	28.7	32.0		33.4
4,569	166,409	Bismarck, ND	0.8	94.6	2.4		2.1	23.8	15.3	22.6		18.2	18.0	20.0	17.5	50.0		40.0	15.7
4,637	139,648	Grand Forks, ND-MN	4.0	5.0	73.1	17.9		9.7	5.6	14.4	14.3		17.0	71.4	20.0	31.2	23.9		32.6
2,408	1,064,639	Omaha-Council Bluffs, NE-IA	15.5	37.0	22.8	12.1	12.6	14.5	15.3	16.6	18.5	20.5	13.0	32.4	30.5	36.3	28.9	28.6	31.7
5,456	380,239	Lincoln, NE	27.1	29.9	26.1	11.7	5.2	13.4	13.9	14.6	18.8	15.6	18.1	18.9	21.4	17.6	14.0	6.4	15.5
3,617	115,820	Grand Island, NE	9.3	25.9	59.5	5.2		10.4	9.3	16.1	12.5		16.2	60.0	45.9	35.1	60.0		36.8
1,450	570,744	Rockingham County-Strafford County, NH	25.4	39.2	22.2	13.2		14.3	14.6	16.0	16.7		18.1	36.0	34.2	27.9	26.5		29.2
1,786	386,321	Manchester-Nashua, NH	34.8	37.3	8.5	18.6	0.7	16.1	14.8	15.4	17.4	17.6	19.7	34.8	26.7	20.4	21.4	33.3	30.7
1,951	2,766,134	Newark, NJ-PA	37.3	33.1	17.2	4.6	7.7	15.1	15.5	16.6	19.1	21.9	17.5	25.7	28.4	30.3	26.1	24.4	26.9
2,363	1,351,074	Camden, NJ	4.8	26.9	32.2	27.5	8.6	16.1	18.4	18.4	19.0	22.1	22.4	35.0	32.2	29.7	31.3	25.7	26.9
2,040	341,889	Trenton, NJ	9.6	42.8	13.5	10.9	23.3	20.9	16.3	16.3	17.7	20.4	21.1	39.4	25.1	33.0	32.2	41.4	29.4
3,190	251,105	Atlantic City-Hammonton, NJ	8.1	10.1	62.7	0.8	18.3	14.5	13.2	17.0	19.1	21.9	15.3	29.2	31.1	33.2	22.2	23.8	27.4
2,274	118,639	Ocean City, NJ	19.7	9.7	34.6	36.0		14.0	10.7	15.6	19.0		14.2	39.6	35.3	38.2	39.6		40.4
4,843	92,375	Vineland-Bridgeton, NJ		3.3	38.4	58.3			11.1	13.3	19.2		18.0		16.7	42.2	36.8		39.8
2,543	997,195	Albuquerque, NM	5.8	15.5	30.7	32.2	15.7	12.2	13.0	13.3	13.2	15.3	10.2	33.8	31.7	34.4	33.1	27.5	32.8
1,866	223,312	Las Cruces, NM		24.9	36.9	24.8	13.5		17.3	14.7	15.8	16.1	16.6		39.0	44.9	34.1	35.2	38.9
3,663	206,255	Santa Fe, NM	43.6	27.7	28.7			10.6	12.7	12.7			13.4	38.1	32.2	30.1			32.6
3,420	143,124	Farmington, NM		7.2	19.3	42.0	31.5		7.9	13.4	13.3	15.8	11.2		7.7	30.5	35.2	44.7	34.3
1,880	3,088,579	Las Vegas-Henderson-Paradise, NV	4.5	24.4	27.4	17.1	26.6	13.2	16.7	17.5	20.4	24.2	23.1	46.2	48.7	45.4	47.3	50.9	45.0
3,452	742,129	Reno, NV	15.5	35.4	20.4	12.6	16.0	14.4	14.1	16.1	15.2	24.3	14.9	36.2	27.9	27.9	27.8	33.0	28.4
630	15,986,759	New York-Jersey City-White Plains, NY-NJ	12.2	31.2	37.5	14.1	5.0	14.4	16.2	16.9	17.8	19.1	14.0	26.9	28.2	29.8	31.0	34.7	27.3

2,210	2,995,443	Nassau County-Suffolk County, NY	27.4	42.4	23.2	7.0		14.5	15.2	16.2	18.2		14.0	28.8	30.0	30.1	34.6		31.4
2,813	1,236,586	Buffalo-Cheektowaga-Niagara Falls, NY	3.1	20.3	18.9	32.5	25.2	15.6	14.6	16.2	16.2	16.1	12.5	20.4	27.2	22.0	26.8	21.7	22.1
3,975	1,189,995	Rochester, NY	2.5	24.6	33.4	24.3	15.2	19.2	19.0	17.8	21.5	20.4	19.9	32.1	25.2	24.1	30.2	28.9	26.0
2,241	1,021,548	Albany-Schenectady-Troy, NY	8.3	33.9	28.3	21.6	7.9	12.7	15.1	15.4	15.4	16.5	18.6	25.5	26.5	29.7	27.3	23.2	24.9
1,985	780,023	Syracuse, NY	11.8	36.8	25.7	16.7	9.1	14.5	16.4	16.7	19.3	16.4	20.7	21.3	22.6	19.8	21.7	9.8	19.9
3,974	417,492	Dutchess County-Putnam County, NY	10.5	47.7	31.9	9.9		13.0	14.6	14.2	15.6		10.8	23.5	30.2	22.8	17.0		24.1
2,081	394,341	Utica-Rome, NY		32.5	25.4	30.7	11.4		14.3	16.3	16.7	15.6	15.2		30.2	37.9	37.0	22.4	33.6
3,218	387,302	Binghamton, NY	0.0	18.2	33.7	32.9	15.1	0.0	15.8	15.7	15.7	12.8	11.9		25.3	14.9	27.1	20.3	22.0
2,555	260,863	Kingston, NY	3.7	38.0	33.1	25.2		12.8	14.8	14.7	16.4		16.1	18.2	24.3	26.2	29.9		26.6
2,299	219,823	Ithaca, NY		30.1	41.1	28.8			12.2	10.0	17.4		12.7		35.0	9.0	43.9		27.1
3,622	145,559	Glens Falls, NY	2.9	27.6	40.7	28.9		12.9	14.7	16.6	19.7		15.3	33.3	35.7	20.2	22.5		21.4
3,875	90,385	Elmira, NY		0.6	58.9		40.5		0.0	15.8		13.0	15.1			21.4		20.6	20.0
2,702	63,366	Watertown-Fort Drum, NY	11.8	72.6	14.6	1.0		22.7	13.9	10.0	12.5		10.5	40.9	41.0	41.7	100.0		41.4
1,249	2,510,754	Cincinnati, OH-KY-IN	10.3	20.2	26.9	30.9	11.7	16.1	15.5	17.3	16.0	17.2	13.6	33.4	31.3	35.8	34.3	32.2	36.6
2,348	2,432,931	Columbus, OH	10.2	20.6	23.9	18.6	26.7	14.2	14.7	15.7	15.5	18.6	15.4	32.8	28.5	34.0	34.6	29.1	35.4
3,021	2,172,302	Cleveland-Elyria, OH	9.3	37.9	20.2	14.0	18.7	14.9	15.6	16.0	18.0	18.1	18.5	34.2	34.1	33.0	38.1	37.1	33.0
2,769	1,085,899	Akron, OH	11.4	39.2	15.1	21.3	13.0	15.7	14.2	14.0	15.4	17.0	11.7	37.8	36.0	32.0	28.5	23.0	30.0
3,614	814,410	Dayton, OH	3.7	24.2	25.9	30.4	15.9	15.9	15.5	16.8	18.7	20.3	17.9	29.2	33.9	32.3	32.9	31.1	36.0
2,611	658,585	Toledo, OH	1.8	22.7	26.3	34.0	15.3	15.6	13.2	15.3	17.1	22.3	14.1	33.3	36.9	31.7	34.7	35.3	38.4
2,887	652,592	Youngstown-Warren-Boardman, OH-PA	0.0	17.4	34.2	31.1	17.2	0.0	15.7	16.3	16.5	19.3	20.6		33.6	35.4	42.0	30.2	34.2
3,746	373,900	Canton-Massillon, OH		8.4	31.9	42.7	17.0		12.7	14.6	12.1	17.7	15.1		29.3	27.9	28.3	36.5	30.1
3,760	197,818	Mansfield, OH		2.5	19.5	57.8	20.1		26.7	15.7	16.0	18.3	15.6		7.4	32.2	33.8	26.7	34.8
3,726	145,960	Springfield, OH		0.3	22.9	57.8	19.0		0.0	14.7	15.9	19.5	16.8			35.0	32.9	22.7	34.1
4,278	98,206	Lima, OH	0.1	22.1	0.4	33.0	44.4	0.0	17.5	42.9	16.0	18.8	17.1		23.5	66.7	33.3	34.0	35.5
1,308	1,634,944	Oklahoma City, OK	3.0	20.7	27.8	31.9	16.7	10.4	13.7	14.5	14.6	16.6	15.1	29.9	37.3	35.0	35.6	40.6	40.2
2,427	1,187,279	Tulsa, OK	3.0	8.0	31.0	33.2	24.8	14.2	13.3	14.8	18.1	18.5	20.6	42.2	44.1	43.1	42.1	40.6	38.8
3,733	199,650	Lawton, OK		5.7	13.8	65.5	15.1		13.5	15.6	17.5	20.4	21.3		32.0	47.1	29.5	35.0	31.6
2,484	84,938	Enid, OK		5.5	65.0		29.5		9.7	12.6		13.4	12.4		57.1	41.7		42.3	42.7



1,878	2,779,137	Portland-Vancouver-Hillsboro, OR-WA	7.8	27.7	34.7	25.9	3.9	12.3	14.2	13.5	14.8	13.6	10.8	34.4	25.0	27.7	31.5	26.2	28.0
3,858	581,749	Salem, OR		18.9	52.6	15.3	13.2		8.8	13.9	15.6	14.7	9.4		20.6	22.2	14.3	8.1	16.2
5,058	435,068	Eugene, OR		17.3	26.3	54.8	1.6		10.4	10.7	12.6	19.1	13.2		9.0	27.0	18.1	7.7	18.1
7,250	220,302	Bend-Redmond, OR		67.9	32.1				11.1	10.8			14.5		15.3	13.6			15.2
4,960	212,433	Medford, OR		15.7	57.0	27.3			14.8	12.9	15.1		11.2		33.3	24.0	26.9		27.5
3,790	179,823	Albany, OR		23.1	23.2	53.7			10.5	9.4	11.7		12.9		14.6	34.9	41.1		34.2
2,056	2,437,471	Pittsburgh, PA	7.7	22.7	30.9	30.6	8.2	15.0	15.8	16.3	16.5	19.6	17.3	26.3	28.9	32.4	33.7	33.1	33.4
1,360	2,391,721	Montgomery County-Bucks County-Chester County, PA	30.3	48.8	8.0	10.3	2.6	14.3	15.2	16.8	17.3	17.6	13.1	26.7	29.3	26.3	32.0	36.6	31.0
1,697	2,299,061	Philadelphia, PA	9.9	11.9	6.7	25.8	45.6	13.1	14.6	16.3	18.1	19.8	14.6	29.5	29.0	32.7	31.5	31.5	33.0
3,255	1,048,786	Allentown-Bethlehem-Easton, PA-NJ	14.9	43.1	31.4	7.4	3.2	16.2	16.5	18.0	17.9	20.6	18.1	26.5	25.4	23.5	23.0	18.7	23.1
3,243	694,625	Lancaster, PA	25.7	46.8	17.6	9.9		14.7	15.0	16.6	14.1		15.8	33.1	28.4	26.2	31.9		26.7
2,566	612,349	York-Hanover, PA	0.6	75.1	15.8	6.9	1.6	13.4	16.9	14.3	17.1	16.7	16.2	22.2	34.6	33.0	22.8	22.6	33.3
3,096	579,580	Scranton-Wilkes-Barre-Hazleton, PA	0.1	16.0	16.5	34.4	33.0	0.0	15.5	15.9	15.8	18.7	16.1		35.4	31.2	28.5	31.8	29.8
3,512	554,803	Harrisburg-Carlisle, PA	15.6	30.1	41.8	6.5	6.0	16.7	15.7	17.3	15.8	22.9	16.4	39.2	36.0	41.1	38.8	40.7	37.5
4,070	375,002	Reading, PA	10.5	50.4	24.5		14.6	15.0	15.9	17.9		21.9	19.5	35.4	26.0	25.1		26.3	28.3
3,312	300,138	Erie, PA		34.6	38.0	16.4	11.0		14.7	16.2	17.2	20.1	13.7		28.8	26.3	28.7	38.5	31.9
4,377	196,387	State College, PA	24.3	34.3	40.7	0.6		13.0	16.4	15.5	10.0		14.7	34.7	50.6	32.7	100.0		40.8
2,535	189,617	Lebanon, PA	17.3	46.7	20.9	15.1		15.5	14.4	13.4	18.3		16.5	30.3	26.9	28.0	43.5		34.3
3,889	175,037	East Stroudsburg, PA		24.9	67.1	8.0			17.4	16.7	16.8		17.1		38.7	34.1	37.3		38.3
5,892	166,193	Chambersburg-Waynesboro, PA		41.1	38.2	20.8			17.0	17.0	17.6		19.0		25.5	34.0	13.2		28.2
4,665	149,081	Altoona, PA		20.7	23.2	56.1			17.0	16.8	15.5		18.7		47.0	39.7	42.9		43.1
3,701	119,527	Johnstown, PA		1.9	35.1	38.2	24.7		9.5	16.0	18.6	14.9	13.1		0.0	31.1	40.3	40.0	38.3
4,282	85,613	Williamsport, PA	0.0	23.5	55.9	20.6			10.6	16.8	18.7		14.8		37.1	38.6	42.6		37.8
4,189	69,952	Gettysburg, PA		96.2	3.8				14.5	15.3			12.5		45.8	54.5			49.4
1,534	1,869,458	Providence-Warwick, RI-MA	7.5	24.9	30.6	17.9	19.0	14.4	14.5	16.2	17.0	18.4	12.7	31.2	33.6	32.5	33.9	28.9	35.3
2,439	1,208,429	Greenville-Anderson-Mauldin, SC	6.5	15.1	35.0	37.2	6.3	14.1	12.9	13.8	14.7	16.9	13.6	41.0	33.4	37.9	34.2	35.0	39.8
2,726	1,150,499	Charleston-North Charleston, SC	0.4	34.5	51.1	7.8	6.2	17.7	13.9	15.7	18.0	18.1	13.3	27.3	33.2	37.1	35.8	36.1	32.7

2,440	996,651	Columbia, SC	4.6	26.3	39.4	22.7	7.0	12.9	13.2	15.0	15.4	15.8	11.4	40.0	32.7	34.0	31.6	36.1	29.6
1,554	614,604	Myrtle Beach-Conway-North Myrtle Beach, SC-NC		40.2	37.2	18.9	3.6		14.5	14.5	15.6	14.4	12.2		40.8	34.9	40.4	38.9	42.1
4,509	537,004	Spartanburg, SC		12.2	51.3	23.4	13.1		13.2	13.5	12.4	18.5	12.5		49.5	33.1	27.3	30.7	37.0
1,536	250,582	Hilton Head Island-Bluffton-Beaufort, SC	25.2	44.9	20.4	9.3	0.3	13.9	14.5	14.6	20.9	25.0	17.1	40.8	52.5	33.7	47.3	60.0	48.4
3,359	305,304	Sioux Falls, SD	22.2	34.6	28.3	14.9		17.6	16.9	17.7	19.2		17.9	27.6	17.7	26.7	25.8		20.3
4,915	152,307	Rapid City, SD	33.4	35.0	5.7	25.9		11.5	16.2	7.6	15.1		16.7	16.8	30.8	42.9	12.5		25.1
2,080	2,387,132	Nashville-Davidson--Murfreesboro--Franklin, TN	8.5	22.2	19.5	36.4	13.4	12.5	14.8	16.7	15.7	20.4	12.8	31.7	31.4	30.3	32.4	36.4	34.5
3,181	1,498,140	Memphis, TN-MS-AR	3.2	19.5	24.3	15.8	37.3	13.8	13.7	16.1	17.7	18.4	13.6	34.0	34.5	38.0	36.9	36.6	38.0
2,828	1,017,797	Knoxville, TN	7.7	4.6	34.4	28.5	24.9	13.5	15.9	13.8	16.1	17.0	16.9	25.2	31.0	30.1	31.4	35.9	31.9
2,316	759,744	Chattanooga, TN-GA		11.8	33.0	17.0	38.2		12.9	13.8	14.7	15.9	15.2		39.2	36.7	29.3	36.6	35.6
1,992	441,238	Clarksville, TN-KY			27.2	55.7	17.2			16.6	15.4	18.2	13.4			30.9	30.2	39.6	33.9
6,500	434,878	Kingsport-Bristol-Bristol, TN-VA			6.8	53.9	39.3			16.8	17.3	17.2	17.5			38.3	36.0	41.3	36.8
7,464	352,015	Johnson City, TN			35.0	27.7	37.3			13.6	17.6	15.3	15.4			32.4	37.7	37.2	39.2
1,780	7,931,868	Houston-The Woodlands-Sugar Land, TX	8.6	42.0	22.8	21.3	5.3	17.0	16.9	18.4	19.9	22.8	19.0	33.9	40.3	39.8	39.2	34.7	35.8
1,253	5,581,257	Dallas-Plano-Irving, TX	12.9	37.6	26.1	15.6	7.8	15.3	15.3	16.8	16.4	18.6	15.5	43.7	43.7	41.5	43.5	39.7	42.2
1,573	3,334,260	Fort Worth-Arlington, TX	6.1	29.4	39.0	19.3	6.1	13.6	15.5	17.3	18.2	22.5	20.1	39.1	45.4	40.5	40.7	36.2	45.3
2,517	2,711,046	San Antonio-New Braunfels, TX	13.6	41.6	22.5	13.6	8.7	14.4	14.5	17.2	17.4	17.1	15.9	36.0	39.5	37.6	39.7	39.5	42.4
2,411	2,504,180	Austin-Round Rock, TX	23.5	37.3	30.0	8.8	0.5	13.3	14.8	16.2	20.4	17.9	11.4	42.0	43.0	42.7	43.4	29.2	44.4
3,247	1,163,766	El Paso, TX	2.8	17.1	41.1	34.6	4.4	12.3	15.8	15.4	15.9	16.3	15.6	30.0	41.9	40.2	40.0	31.7	42.9
1,891	1,013,623	McAllen-Edinburg-Mission, TX		6.8	44.8	48.0	0.3		9.0	17.0	19.8	61.1	15.0		31.3	36.5	37.0	18.2	35.0
2,955	697,230	Brownsville-Harlingen, TX	2.3		26.6	71.1		17.3		15.3	17.8		18.0	42.9		36.1	31.4		29.8
1,778	584,897	Beaumont-Port Arthur, TX		0.3	40.3	31.3	28.1		11.1	15.6	14.4	18.6	15.1		50.0	49.7	37.4	45.4	47.7
2,870	521,649	Killeen-Temple, TX		7.6	59.2	19.5	13.8		15.8	17.2	16.7	17.9	17.0		34.2	32.2	40.7	19.9	34.0
2,766	482,534	Corpus Christi, TX		12.1	51.6	28.4	7.8		16.8	15.7	17.8	23.3	18.0		41.3	45.8	36.3	40.9	42.8
3,130	409,069	College Station-Bryan, TX		55.9	21.7	19.2	3.2		15.9	20.3	19.9	18.6	14.5		42.2	41.4	36.2	31.8	41.7

2,713	369,791	Lubbock, TX		23.0	51.5	11.3	14.3		14.7	16.6	17.5	17.7	18.4		39.6	47.0	33.3	41.7	39.6
3,534	340,927	Waco, TX		29.8	31.7	29.7	8.8		14.0	14.6	16.3	15.3	14.9		32.7	22.3	41.2	25.0	32.8
2,191	330,885	Longview, TX			44.4	55.6				16.1	16.5		17.5			39.0	36.9		41.6
4,646	322,191	Amarillo, TX	0.0	32.6	39.0	18.2	10.1	0.0	13.2	13.3	14.2	16.1	16.8		32.1	33.2	23.2	19.7	26.8
3,387	320,646	Laredo, TX			40.8	39.9	19.4			18.8	18.2	18.8	17.3			31.3	34.8	35.4	36.5
3,073	316,371	Tyler, TX		5.6	57.7	31.8	5.0		14.3	16.6	16.3	18.4	18.8		50.0	36.4	34.1	39.1	39.3
2,441	307,656	Midland, TX		21.0	41.9	33.2	3.8		13.1	17.1	15.6	29.1	18.9		48.4	40.1	49.6	48.0	43.4
1,942	205,317	Victoria, TX		25.5	46.6	2.6	25.3		16.5	16.5	7.2	19.0	16.9		47.3	55.2	20.0	51.6	50.6
5,379	191,391	Abilene, TX		5.9	22.8	44.9	26.4		18.7	15.5	17.9	17.7	16.1		38.1	39.6	37.0	38.4	38.4
3,338	166,232	Sherman-Denison, TX		1.6	60.5	25.5	12.4		14.3	17.3	18.9	23.8	22.3		20.0	32.4	35.1	35.9	32.5
7,093	163,558	San Angelo, TX	0.5	36.8	35.6	1.3	25.7	0.0	14.1	16.8	11.4	16.0	11.9		26.8	30.2	25.0	17.3	28.9
2,665	1,339,765	Salt Lake City, UT	17.5	32.8	31.5	13.4	4.8	12.7	11.6	13.4	13.7	14.4	13.8	30.4	31.3	31.9	31.5	28.6	33.0
3,131	934,842	Ogden-Clearfield, UT	29.0	22.5	43.0	5.6		11.3	10.6	11.9	13.7		12.1	34.4	29.9	28.9	30.2		34.6
4,363	643,991	Provo-Orem, UT	18.6	57.7	20.0	3.7		10.9	12.8	11.1	16.9		14.0	32.4	40.4	35.8	30.4		34.2
8,496	246,625	St. George, UT	32.8	67.0	0.2			11.9	12.3	14.3			15.7	12.4	10.5	100.0			14.4
4,488	137,893	Logan, UT-ID	34.2	28.1	37.7			13.9	9.9	14.2			9.0	33.9	33.3	44.4			39.4
3,731	2,150,157	Virginia Beach-Norfolk-Newport News, VA-NC	6.2	28.9	36.2	22.0	6.8	14.2	14.8	15.1	16.2	17.5	14.6	32.2	30.3	28.8	30.3	33.0	29.3
3,065	1,392,429	Richmond, VA	11.8	40.8	18.2	19.6	9.7	12.9	14.3	14.7	16.4	19.8	15.4	31.6	30.9	37.9	35.5	33.9	31.9
4,274	338,585	Roanoke, VA		19.8	53.2	16.0	11.0		12.3	13.4	14.8	14.3	9.7		24.2	26.3	21.9	24.3	22.0
6,698	241,212	Lynchburg, VA	0.2	22.4	37.7	24.3	15.4	0.0	12.3	14.1	13.6	15.2	15.0		25.7	19.6	14.0	15.6	20.1
3,997	234,882	Blacksburg-Christiansburg-Radford, VA		1.4	58.7	27.8	12.0		15.9	15.1	16.2	18.1	16.6		28.6	35.9	46.8	50.7	39.1
2,885	234,324	Charlottesville, VA	40.1	20.9	21.2	17.9		12.5	13.8	13.2	10.3		11.5	22.7	17.1	21.1	16.0		17.1
5,776	162,706	Harrisonburg, VA		50.5	49.5				15.0	16.3			12.1		14.4	20.8			20.2
5,181	150,863	Staunton-Waynesboro, VA		17.6	54.3	28.1			16.5	11.0	13.7		16.5		12.8	25.6	26.9		22.8
7,211	125,541	Winchester, VA-WV	2.1	37.7	46.3	8.4	5.5	21.1	15.0	15.1	14.7	7.8	16.4	16.7	17.2	16.0	20.6	41.7	20.6
3,256	305,890	Burlington-South Burlington, VT	6.9	26.4	38.3	28.4		17.2	14.4	14.4	15.6		11.1	17.8	6.2	11.8	17.2		14.7
1,538	3,659,341	Seattle-Bellevue-Everett, WA	24.0	30.1	31.5	13.1	1.3	13.8	13.2	16.3	17.8	16.7	14.4	24.6	23.7	26.5	34.1	24.1	23.0

3,961	1,073,087	Tacoma-Lakewood, WA	8.3	35.6	37.8	7.2	11.1	12.3	13.7	14.4	15.5	17.6	12.3	34.4	30.0	28.2	33.1	26.7	29.8
4,035	792,505	Spokane-Spokane Valley, WA	2.4	33.9	28.9	25.8	9.1	16.0	13.0	10.5	12.8	14.1	10.9	30.8	31.9	32.1	33.9	37.5	34.1
4,229	419,295	Olympia-Tumwater, WA		52.0	37.7	10.3			13.8	13.3	13.8		16.1		26.2	27.4	28.8		25.1
4,973	348,546	Kennewick-Richland, WA	6.2	44.1	32.0	17.7		12.1	13.7	15.7	14.1		17.7	24.3	21.2	25.8	34.4		24.7
5,952	342,113	Bellingham, WA	2.1	31.5	64.2	2.1		11.4	14.1	13.2	8.8		11.2	22.2	11.4	16.8	0.0		12.6
3,827	338,780	Yakima, WA		27.6	20.7	47.9	3.8		15.0	14.3	13.8	16.3	14.5		25.7	36.1	27.3	45.0	26.6
6,948	312,692	Bremerton-Silverdale, WA	15.7	50.5		32.4	1.4	12.8	14.3		14.8	14.8	12.8	20.2	23.4		26.3	0.0	21.1
6,105	141,452	Wenatchee, WA	0.1	49.7	50.2			0.0	13.2	15.6			15.2		29.2	14.5			18.8
2,669	94,377	Mount Vernon-Anacortes, WA	26.3	32.8	40.5	0.4		10.3	17.4	16.5	0.0		17.1	49.1	19.6	22.9			27.8
6,833	64,077	Walla Walla, WA		28.9	71.1				10.5	11.1			10.7		42.1	28.3			29.1
4,351	60,172	Longview, WA		20.0	43.3	36.7			15.3	12.2	22.0		16.4		45.5	36.8	27.6		35.2
2,146	1,777,446	Milwaukee-Waukesha-West Allis, WI	18.3	29.1	17.5	14.1	21.0	14.9	16.2	17.3	17.7	20.2	14.0	29.6	27.1	28.4	24.3	28.9	26.8
2,972	579,935	Madison, WI	24.8	43.1	19.6	12.6		16.0	14.3	15.7	14.9		13.6	22.2	25.9	26.4	28.0		24.0
1,936	334,410	Oshkosh-Neenah, WI	3.1	16.9	33.5	46.5		7.1	11.1	14.5	16.1		14.2	40.0	31.0	33.0	30.4		30.4
1,774	302,192	Janesville-Beloit, WI	1.3	21.9	31.0	45.8		8.9	12.7	14.9	15.9		12.4	0.0	35.0	25.3	24.0		27.7
3,301	254,980	Racine, WI		19.4	23.1	38.8	18.7		17.7	16.0	15.8	20.0	19.4		37.4	31.6	35.6	33.3	31.9
2,326	246,598	Green Bay, WI		36.7	32.5	30.8			13.6	17.4	16.4		18.9		33.7	38.5	28.0		34.2
1,435	244,987	Appleton, WI	5.8	62.8	17.8	13.5		16.0	14.3	16.5	16.3		15.7	33.3	32.7	43.8	5.6		32.8
3,883	189,745	Eau Claire, WI		0.7	40.1	59.2			5.6	17.5	19.1		19.7		0.0	29.8	28.3		32.6
3,972	176,995	La Crosse-Onalaska, WI-MN		45.3	7.2	34.1	13.4		11.7	13.0	17.3	16.5	15.5		17.7	21.4	23.9	6.1	19.5
4,583	161,911	Sheboygan, WI	7.4	28.6	28.0	36.1		22.5	12.4	12.9	18.4		18.4	27.6	29.0	31.7	25.9		27.0
4,122	157,735	Wausau, WI	0.3	12.0	52.6	35.1		0.0	12.6	17.1	15.6		13.0		16.7	14.7	33.3		18.6
4,973	138,626	Fond du Lac, WI	13.9	27.9	14.5	43.7		11.6	15.6	13.7	14.1		10.3	17.6	21.7	52.4	26.2		27.1
2,319	459,718	Huntington-Ashland, WV-KY-OH	0.9		3.2	43.4	52.6	17.1		12.8	15.3	16.1	15.2	0.0		25.0	30.1	29.5	28.7
3,845	249,894	Morgantown, WV	15.6		39.5	43.9	1.1	17.6		18.6	17.3	12.0	18.2	32.3		19.0	32.8	33.3	30.1
4,466	201,932	Charleston, WV	0.0	7.4	0.1	37.2	55.3	0.0	15.7	0.0	19.5	22.0	19.8		30.8		24.2	26.4	27.4
2,396	153,860	Beckley, WV	0.2	0.0	1.1	27.2	71.6	20.0	0.0	28.1	17.1	19.0	16.0	0.0		66.7	41.3	41.0	43.8

4,530	147,618	Parkersburg-Vienna, WV	12.0		23.1	30.5	34.4	18.8		17.2	18.0	20.1	14.7	32.5		35.0	34.0	30.3	36.6
1,720	137,635	Weirton-Steubenville, WV-OH	0.8		8.1	73.5	17.6	9.7		18.3	19.8	17.3	21.6	33.3		29.6	34.4	39.6	33.4
5,917	121,176	Wheeling, WV-OH	1.8	0.2	9.9	51.6	36.5	16.7	25.0	20.4	18.1	19.2	16.8	42.9	0.0	39.1	31.0	34.6	35.0
5,604	137,525	Casper, WY	0.3	60.8	38.9			20.0	13.0	17.9			17.0	0.0	23.9	20.4			18.8
4,581	134,466	Cheyenne, WY	46.5	35.2	0.0	13.9	4.5	14.9	15.6	0.0	16.0	11.7	19.1	24.6	19.1		18.2	15.4	16.5

A5. ED Revisit Rate, Percent of ED Revisits to a Different Hospital, and Comorbidities by VVI Quintile and Payer, 2023

	VVI Quintile	Revisit Rate (%)	Percent of Revisits to a Different Hospital (%)	0-1 Comorbidities (%)	2-4 Comorbidities (%)	5+ Comorbidities (%)
Medicare FFS	1	17.7	25.4	48.3	42.4	9.4
	2	18.5	26.7	47.1	38.3	14.6
	3	19.3	28.3	46.4	30.7	22.9
	4	24.5	29.3	43.2	29.0	27.8
	5	26.7	35.6	41.4	29.4	29.2
Medicaid	1	18.2	14.4	61.2	33.2	5.6
	2	18.8	17.2	59.3	34.3	6.4
	3	22.5	22.3	60.5	35.6	3.9
	4	23.4	28.3	56.3	37.2	6.5
	5	27.3	31.1	55.9	38.2	5.9
Commercial	1	11.8	8.3	87.2	9.2	3.6
	2	12.3	11.2	82.2	9.4	8.4
	3	15.8	16.5	83.3	8.3	8.4
	4	16.9	18.9	76.3	11.2	12.5
	5	19.5	21.2	72.7	14.3	13.0
Medicare Advantage	1	11.9	16.2	64.2	22.3	13.5
	2	13.3	17.8	61.0	22.5	16.5
	3	16.7	18.4	59.3	18.3	22.4
	4	22.1	19.2	58.5	18.4	23.1
	5	24.3	22.3	56.4	19.2	24.4

A6. All Payer Percent of Index Admissions, ED Revisit Rate, and Percent of ED Revisits to a Different Hospital by VVI Quintile and State, 2023

	Percent Index Admissions (%)					ED Revisit Rate (%)						Percent of ED Revisits to a Different Hospital (%)					
	Q1	Q2	Q3	Q4	Q5	Q1	Q2	Q3	Q4	Q5	All	Q1	Q2	Q3	Q4	Q5	All
Alabama	0.0	11.8	14.4	31.1	43.4	9.9	17.9	16.6	17.6	22.3	21.8	29.8	24.2	28.3	30.6	29.2	26.9
Alaska	0.5	17.4	42.3	15.0	18.9	17.0	24.9	26.8	28.3	33.8	30.3	26.7	13.6	17.0	20.7	27.6	16.4
Arizona	15.9	34.9	27.9	14.2	10.0	12.5	19.4	17.5	22.5	28.5	18.7	26.3	31.4	23.6	30.8	28.7	29.3
Arkansas	0.0	5.8	12.2	42.5	42.1	18.6	13.1	15.3	17.2	18.4	18.9	41.7	21.6	30.0	25.0	24.3	25.0
California	3.5	15.1	30.0	30.5	17.6	12.1	15.4	23.1	27.4	24.9	24.1	19.4	26.8	29.9	27.2	30.2	27.2
Colorado	22.2	27.3	17.2	22.5	9.8	17.9	21.3	18.2	25.7	27.0	20.0	27.7	28.0	24.6	27.1	35.8	28.0
Connecticut	8.8	29.8	28.7	32.4	8.9	16.2	14.6	22.8	20.2	32.2	17.2	18.5	22.3	19.8	13.5	25.5	15.5
Delaware	7.1	18.8	27.5	44.5	10.0	9.8	18.7	15.0	16.9	27.2	20.8	13.1	16.3	15.9	12.7	20.6	18.3
Florida	11.1	26.0	27.4	25.4	8.1	11.6	16.0	20.0	17.1	23.1	16.3	25.9	29.7	30.0	32.5	34.6	29.2
Georgia	6.0	14.0	21.0	28.9	32.4	12.6	13.6	20.1	23.1	26.4	22.7	29.8	22.5	27.6	29.3	28.2	30.1
Hawaii	34.1	45.9	13.7	6.8	1.8	20.1	19.5	25.4	20.8	18.3	21.6	20.2	16.4	18.6	28.1	29.3	24.0
Idaho	3.3	25.6	39.9	25.2	5.3	18.5	21.8	20.6	19.3	27.5	21.3	22.1	19.2	16.7	19.2	36.0	15.8
Illinois	13.0	19.0	23.9	27.0	22.2	13.4	17.7	20.6	18.4	24.6	17.8	18.4	25.0	23.0	20.3	24.9	21.1
Indiana	3.9	13.4	29.4	30.6	26.2	15.1	17.9	20.1	20.2	26.7	22.8	32.1	24.2	24.2	23.9	27.6	28.4
Iowa	6.8	33.1	38.1	16.1	1.7	15.6	21.0	22.3	17.2	22.3	22.0	15.0	20.7	18.7	13.1	27.7	15.3
Kansas	9.2	22.3	38.3	26.9	6.7	12.9	19.2	17.8	18.8	29.0	17.0	26.3	24.9	17.6	12.0	27.1	15.4
Kentucky	0.0	7.8	12.7	30.7	49.0	12.7	19.0	13.8	22.8	21.4	23.5	26.9	23.4	23.9	25.7	23.7	28.1
Louisiana	0.0	7.0	6.0	29.7	55.4	11.5	16.1	17.7	23.0	26.4	20.7	30.9	32.6	26.5	25.3	27.8	28.8
Maine	7.3	9.9	15.0	37.0	31.5	14.3	18.9	18.6	25.8	25.1	25.5	25.3	23.9	19.3	17.0	16.9	21.5
Maryland	4.1	31.5	29.4	19.1	18.6	15.3	17.1	16.3	25.0	24.8	21.3	28.1	30.5	28.6	36.2	36.9	34.5
Massachusetts	6.2	30.2	27.6	23.4	9.4	17.6	16.5	21.4	20.7	30.7	23.5	26.8	22.8	28.1	30.2	26.4	24.2
Michigan	2.7	17.7	27.2	33.3	19.9	14.9	15.5	16.3	20.3	23.5	22.0	25.7	21.6	22.8	29.4	31.5	24.2
Minnesota	6.8	31.9	33.9	11.7	2.3	19.9	22.7	20.9	26.4	33.1	26.4	22.9	23.4	17.9	27.3	25.9	19.5
Mississippi	4.2	4.5	9.9	19.6	75.0	14.1	19.4	15.8	18.4	24.9	18.7	30.4	41.2	28.0	21.5	25.7	28.8
Missouri	9.7	17.7	26.4	30.3	12.7	17.0	19.8	14.5	20.5	22.9	16.1	27.0	31.9	30.0	23.0	39.0	30.1
Montana	3.3	45.8	30.4	13.9	0.0	18.1	22.6	24.4	23.3	32.1	21.5	13.0	15.8	18.5	20.4	26.5	15.5
Nebraska	7.4	41.9	36.1	8.6	1.2	15.1	16.2	21.6	22.0	26.0	16.0	19.9	21.3	19.4	18.0	33.1	21.4

Nevada	10.2	25.3	31.4	14.3	13.3	15.8	21.4	21.3	25.4	37.4	24.7	32.7	28.0	33.2	36.2	47.2	33.3
New Hampshire	23.1	28.0	20.9	18.4	2.4	17.3	22.3	24.0	23.3	28.6	21.5	21.1	17.3	21.3	24.3	19.3	22.4
New Jersey	17.6	33.9	31.6	17.2	6.4	15.7	18.7	17.6	18.6	26.4	19.8	26.8	25.6	22.8	21.5	36.4	23.2
New Mexico	6.8	10.4	25.5	42.5	22.3	16.2	19.2	22.1	26.0	26.8	25.2	19.3	24.9	26.4	26.1	24.9	25.1
New York	13.4	27.0	32.2	20.7	5.7	16.5	20.8	20.9	26.8	30.4	23.7	24.5	29.2	26.0	29.6	35.4	29.7
North Carolina	4.7	16.6	22.0	35.8	22.1	13.0	17.0	20.6	21.3	19.4	16.3	26.2	21.4	24.4	26.4	22.7	24.7
North Dakota	1.5	35.4	36.6	14.1	0.7	16.0	15.0	23.8	22.6	29.1	24.7	23.5	19.2	16.7	19.1	23.6	13.4
Ohio	7.1	16.0	27.5	29.7	19.6	14.7	14.6	20.2	22.3	19.8	22.5	27.7	25.7	28.3	27.1	30.8	23.8
Oklahoma	0.2	12.4	28.8	35.4	31.3	15.8	16.8	19.1	25.4	22.3	20.9	29.3	30.3	31.4	28.9	25.5	29.2
Oregon	5.3	14.5	31.8	43.6	6.4	15.5	19.5	25.5	27.9	29.9	25.3	27.3	18.1	20.4	21.8	20.2	20.6
Pennsylvania	11.7	26.0	23.8	17.5	15.0	14.1	19.0	15.8	22.5	20.9	18.4	22.4	21.8	23.1	21.7	33.1	29.1
Rhode Island	16.2	30.0	32.4	11.9	6.8	17.6	14.9	21.0	19.1	21.3	18.6	18.7	28.1	24.9	39.5	40.7	32.0
South Carolina	6.9	22.9	26.2	33.5	16.5	12.8	18.7	18.7	20.6	21.0	16.0	26.3	23.4	24.2	26.4	24.3	29.7
South Dakota	14.0	30.8	39.1	11.5	7.5	19.5	19.5	19.2	25.7	27.6	17.7	16.0	21.5	11.1	12.5	23.5	17.4
Tennessee	0.5	11.5	15.1	35.0	32.8	12.9	15.0	16.2	18.0	23.4	16.1	33.2	28.1	27.3	26.1	31.6	30.1
Texas	5.4	21.2	34.2	29.1	13.8	16.7	17.8	19.2	21.8	24.3	16.4	25.9	33.0	29.8	33.0	31.5	33.2
Utah	17.2	40.7	34.1	5.1	4.3	18.1	15.7	16.8	21.6	32.2	16.4	25.4	26.9	19.8	31.0	47.4	21.6
Vermont	6.1	18.9	40.4	32.0	7.1	20.1	17.8	21.9	27.2	26.1	23.6	23.8	14.1	12.0	13.9	11.4	14.3
Virginia	13.8	23.9	29.6	19.3	12.1	13.3	14.2	18.7	20.3	28.0	23.3	23.0	20.6	24.7	27.7	29.0	22.7
Washington	13.0	34.2	34.4	15.5	4.2	19.8	22.0	18.6	21.6	24.0	20.1	22.2	18.7	21.8	23.8	35.2	22.0
West Virginia	0.0	0.0	11.1	40.9	44.5	18.7	20.9	19.5	19.6	21.4	22.9	34.4	26.1	17.7	24.1	20.3	18.8
Wisconsin	7.1	23.2	33.2	24.9	6.3	17.6	20.9	19.8	23.5	31.2	24.7	25.0	22.9	22.1	18.5	37.9	22.2
Wyoming	14.4	52.8	26.2	6.9	0.0	13.4	21.5	18.7	24.0	30.6	18.4	12.9	8.6	14.6	10.8	24.1	8.1



A7. All Payer Percent of Index ED Visits, ED Revisit Rate, and Percent of ED Revisits to a Different Hospital by VVI Quintile and Service Line, 2023

	Percent Index ED Visits (%)					ED Revisit Rate (%)						Percent of ED Revisits to a Different Hospital (%)					
	Q1	Q2	Q3	Q4	Q5	Q1	Q2	Q3	Q4	Q5	All	Q1	Q2	Q3	Q4	Q5	All
General Medicine	6.6	25.1	28.4	28.0	18.0	13.9	19.1	24.7	23.4	21.5	24.5	25.0	20.3	20.1	29.5	29.1	25.0
Orthopedics	6.4	22.0	23.8	26.6	19.2	14.4	16.3	17.5	20.3	19.4	19.6	25.5	25.6	23.0	29.5	29.5	26.1
Cardiology	10.0	20.9	24.3	26.4	13.9	9.8	13.3	18.7	22.4	21.1	19.6	21.1	22.3	24.2	30.3	32.7	30.4
Neurosciences	12.4	25.2	25.4	26.9	15.5	15.4	18.0	18.7	23.7	26.2	22.5	29.7	28.7	25.7	25.3	28.9	28.1
General Surgery	11.4	25.8	26.2	29.1	14.8	12.7	16.3	22.7	23.0	24.2	22.6	24.8	22.8	20.9	21.1	22.6	21.5
Burns and Wounds	8.4	24.2	29.2	21.2	15.4	12.7	16.2	14.6	19.2	17.2	13.3	16.7	17.9	19.7	23.6	17.6	21.2
Infectious Disease	4.1	20.3	25.6	28.2	14.3	11.9	14.2	14.4	17.9	20.2	14.7	22.9	22.9	23.5	20.8	28.3	24.2
Spine	5.6	19.8	31.2	29.8	19.2	12.8	14.7	22.8	25.5	23.6	25.1	28.2	22.4	26.8	31.2	32.1	31.0
Gastroenterology	5.7	18.7	30.1	30.6	16.2	13.6	14.3	20.9	25.2	27.3	23.7	26.9	23.7	23.6	24.5	30.0	26.5
Urology	13.4	21.3	23.8	24.4	12.9	17.6	26.9	27.0	22.5	26.3	20.4	21.8	19.2	22.9	23.1	20.9	19.9
ENT	7.2	21.2	28.2	23.9	15.8	12.9	11.5	14.6	12.4	21.2	15.9	23.6	25.5	21.4	21.2	24.6	27.9
Pulmonology	8.5	19.6	30.0	27.0	22.2	13.5	15.3	21.3	25.3	21.6	24.7	20.1	22.6	18.1	17.5	25.0	20.4
Dermatology	10.5	20.4	30.1	28.7	14.9	17.2	22.1	17.4	21.4	23.5	20.3	23.7	19.7	24.6	26.3	28.8	21.5
Behavioral Health	8.4	14.4	23.9	29.1	22.3	33.1	34.0	39.5	43.0	47.9	43.2	36.6	43.8	35.2	38.3	42.7	40.3
Nephrology	3.5	19.7	26.8	26.2	22.3	23.3	22.7	27.7	22.8	28.2	25.7	21.3	21.1	22.7	20.5	25.3	20.2
Vascular	8.1	20.3	31.3	28.2	14.4	15.4	15.8	22.8	23.0	23.1	20.0	24.3	24.9	28.8	30.6	28.6	23.7
Hematology	9.3	17.5	26.1	30.4	24.6	23.5	27.5	33.1	37.0	51.1	39.2	22.4	27.5	32.5	31.0	32.8	33.2
Ophthalmology	11.8	24.2	25.1	23.1	13.5	5.6	14.4	14.9	15.7	17.0	16.4	39.7	38.1	40.5	35.7	38.2	40.0
Endocrine	5.8	20.2	23.1	33.3	24.6	18.8	21.4	21.8	25.6	26.9	26.7	29.1	23.1	21.0	21.7	22.1	23.7
Rheumatology	6.1	20.8	25.0	22.7	22.0	12.9	20.0	17.5	20.5	21.5	20.2	25.0	28.8	29.9	26.4	33.4	30.8
Allergy and Immunology	9.6	25.5	28.5	28.9	19.1	17.1	18.3	21.3	22.5	20.9	15.3	18.2	19.2	22.6	17.1	29.0	22.5
Cancer	7.6	24.1	25.3	24.4	12.3	17.6	18.3	21.5	26.1	21.0	19.2	23.5	21.0	27.3	21.8	31.2	28.9
Hepatology	5.2	16.1	27.1	26.9	16.7	20.3	28.4	27.7	36.4	32.4	33.2	22.2	28.2	21.1	25.0	23.7	25.1
Genetics	4.4	22.7	26.2	27.8	17.0	19.4	22.7	24.9	25.6	28.4	24.2	30.9	24.1	21.7	22.2	20.8	19.9
Gynecology	4.6	20.1	24.6	30.3	15.1	23.8	26.4	28.4	33.7	32.5	32.1	26.6	32.7	30.5	32.9	36.4	33.4
Obstetrics	1.6	13.8	24.3	27.0	32.6	38.0	41.6	40.5	40.3	43.5	43.8	43.5	33.7	31.8	32.7	35.8	32.4

A8. All Payer Percent of Index ED Visits, ED Revisit Rate, and Percent of ED Revisits to a Different Hospital by VVI Quintile and CBSA, 2023

			Percent Index ED Visits (%)					ED Revisit Rate (%)						Percent of ED Revisits to a Different Hospital (%)					
hhi	cbsa	cbsa	Q1	Q2	Q3	Q4	Q5	Q1	Q2	Q3	Q4	Q5	All	Q1	Q2	Q3	Q4	Q5	All
2,460	423,359	Anchorage, AK	4.2	6.6	48.9	17.8	25.4	14.8	19.7	22.5	27.1	37.9	25.7	17.1	25.6	24.1	22.0	36.4	28.9
3,968	142,898	Fairbanks, AK		67.6	30.4	0.9			25.7	19.5	57.5		26.5		6.1	7.7	0.0		8.8
1,840	1,245,771	Birmingham-Hoover, AL	8.4	15.7	24.0	30.1	24.3	11.3	14.2	16.4	17.5	19.8	15.5	29.3	35.8	32.0	31.3	30.9	30.4
4,519	588,191	Huntsville, AL	13.3	35.7	15.8	21.1	18.2	12.9	17.3	12.7	18.1	24.6	16.4	12.3	27.2	19.2	25.3	28.2	21.4
3,007	444,523	Montgomery, AL		5.7	27.0	49.3	19.3		15.2	15.2	19.2	23.3	15.4		40.0	34.8	35.8	42.7	40.3
2,713	431,230	Mobile, AL			24.2	41.2	32.5			18.0	20.8	23.2	20.1			31.9	26.9	24.7	25.3
4,687	338,826	Tuscaloosa, AL		4.1	15.5	22.3	56.2		10.8	20.6	13.7	21.5	18.2		13.5	31.2	23.0	13.9	18.8
3,485	273,957	Daphne-Fairhope-Foley, AL		36.0	43.2	24.1			17.9	13.4	18.6		21.8		18.8	16.6	16.6		14.1
2,117	924,644	Little Rock-North Little Rock-Conway, AR	3.6	4.6	31.7	35.1	21.1	16.4	14.4	12.8	17.0	23.4	19.8	33.3	20.6	34.2	38.6	38.0	35.4
2,140	855,260	Fayetteville-Springdale-Rogers, AR-MO		12.0	43.8	47.0	0.1		16.1	20.2	19.3	16.7	21.8		14.6	21.6	28.8	0.0	28.1
2,159	409,048	Fort Smith, AR-OK			7.7	27.4	61.2			19.5	19.9	22.5	23.8			17.5	25.2	32.6	28.5
1,806	5,940,841	Phoenix-Mesa-Scottsdale, AZ	18.2	43.8	23.2	10.8	5.8	14.4	16.7	15.6	20.9	24.9	17.0	27.1	33.8	30.1	35.6	38.0	30.9
1,876	1,271,693	Tucson, AZ	37.4	21.2	7.8	17.3	14.7	15.5	16.3	15.8	16.6	23.3	19.3	32.3	34.5	32.8	34.6	32.2	34.3
2,806	282,011	Prescott, AZ	4.7	66.2	26.6	2.7	0.3	16.2	17.6	21.1	17.3	24.8	16.5	25.7	13.0	16.8	32.9	26.9	13.8
3,302	258,623	Yuma, AZ		29.6	32.8	33.0	4.9		22.2	18.1	24.1	21.1	19.7		28.3	22.1	13.4	6.3	18.9
3,097	213,396	Flagstaff, AZ	4.2	20.5	13.4	17.8	40.8	13.3	16.7	19.4	20.9	34.6	27.3	25.6	16.1	19.8	34.7	15.9	21.8
2,239	147,680	Sierra Vista-Douglas, AZ		32.4	52.7	2.1	12.3		19.3	17.7	16.0	30.8	22.2		23.2	21.9	3.6	26.7	26.4
643	13,196,790	Los Angeles-Long Beach-Glendale, CA	5.2	11.9	39.0	31.8	13.9	13.8	16.5	21.6	22.6	29.0	19.8	24.2	36.3	34.9	40.4	39.2	36.6
564	5,798,384	Riverside-San Bernardino-Ontario, CA	4.0	16.8	12.5	43.4	23.7	14.8	19.4	23.8	24.6	27.5	26.4	20.3	28.3	35.5	32.7	33.0	32.7
2,037	4,897,459	San Diego-Carlsbad, CA	18.5	22.6	37.1	21.7	2.5	16.5	17.1	20.7	27.4	20.8	17.9	23.9	29.3	31.4	38.6	27.9	34.8
1,078	4,662,114	Anaheim-Santa Ana-Irvine, CA	17.5	41.0	31.6	6.4		15.6	17.5	22.8	20.8		16.9	21.9	29.8	39.0	35.6		35.9
1,589	3,388,601	Oakland-Hayward-Berkeley, CA	11.6	13.4	38.7	29.5	10.5	15.3	18.6	24.7	28.7	30.7	26.9	22.6	24.7	28.7	34.0	28.4	32.8
2,197	2,797,565	Sacramento--Roseville--Arden-Arcade, CA	5.5	21.6	20.4	27.6	23.0	19.0	19.4	26.3	26.6	30.4	25.9	24.5	22.5	20.4	30.8	34.5	24.2
1,735	2,769,938	San Jose-Sunnyvale-Santa Clara, CA	5.7	34.4	55.8	2.9		13.8	18.2	21.5	22.8		18.4	16.2	22.7	25.9	33.6		23.9

1,716	1,943,547	San Francisco-Redwood City-South San Francisco, CA	15.2	23.8	21.5	36.5		18.1	20.1	23.3	29.8		25.6	20.2	26.5	43.5	50.6		43.7
1,407	1,829,167	Oxnard-Thousand Oaks-Ventura, CA	10.3	34.6	37.8	13.9		15.9	19.9	26.2	22.6		18.3	23.5	21.4	23.5	22.6		24.4
3,686	1,126,130	Fresno, CA	0.0	17.6	0.0	33.0	49.2	0.0	16.9	20.9	20.9	27.4	27.2		19.2	50.0	29.8	27.4	25.5
1,811	937,854	Stockton-Lodi, CA		7.9	15.1	39.3	41.3		20.9	17.8	23.5	31.6	22.5		19.2	27.8	22.6	27.6	22.0
2,137	927,723	Visalia-Porterville, CA		4.9	4.2	47.2	42.7		17.8	21.3	22.6	22.6	24.4		22.6	25.1	20.1	26.9	26.0
2,206	841,011	Bakersfield, CA		0.3	18.9	23.3	59.6		12.0	17.9	22.6	26.8	22.3		41.2	24.5	33.2	35.1	30.5
2,985	719,085	Santa Rosa, CA	1.6	52.1	30.6	13.1		20.0	20.2	19.0	23.8		23.1	19.0	23.5	21.9	19.2		20.2
3,306	703,939	Modesto, CA		0.2	12.7	40.4	48.3		17.1	24.1	20.7	26.7	22.4		0.0	31.9	24.4	26.3	22.5
3,583	700,919	Santa Maria-Santa Barbara, CA	14.3	41.3	19.6	26.6		15.7	18.9	26.6	22.8		23.7	17.5	20.2	15.0	17.7		18.8
3,565	490,428	Santa Cruz-Watsonville, CA	15.4	19.4	57.9	4.0		15.1	14.9	22.2	19.8		16.8	21.9	22.6	23.1	32.3		19.9
2,855	462,128	San Luis Obispo-Paso Robles-Arroyo Grande, CA	8.2	72.7	14.3	1.8		18.3	20.3	18.6	27.3		19.2	23.5	24.0	25.3	21.0		21.9
3,334	455,118	Salinas, CA	24.8	16.3	30.6	30.7		17.1	19.3	25.9	27.5		20.0	11.8	7.4	24.0	31.7		21.1
2,605	427,332	Vallejo-Fairfield, CA		19.1	31.6	34.2	11.6		20.9	21.7	27.2	32.8	25.1		23.0	17.2	21.4	27.4	18.1
2,249	301,920	Merced, CA			5.1	85.1	11.9			16.4	24.0	26.2	25.9			17.0	21.5	14.9	18.3
2,416	292,135	Yuba City, CA		1.3	6.0	26.2	69.2		15.0	13.4	20.5	24.2	20.1		31.3	19.1	21.9	16.8	19.3
3,270	180,596	Madera, CA		15.4	31.3	27.1	29.5		20.3	15.3	17.3	19.6	18.8		17.9	30.2	27.0	25.9	26.3
3,866	175,601	Redding, CA		3.0	9.6	65.8	18.3		15.0	15.3	22.4	18.9	24.2		28.7	17.0	20.2	24.7	23.1
3,838	133,849	Napa, CA	8.8	3.3	64.6	22.9		21.1	20.0	20.9	22.7		18.4	25.5	36.8	12.3	13.6		17.8
1,732	3,173,422	Denver-Aurora-Lakewood, CO	27.9	28.6	9.0	21.6	9.0	16.4	18.2	25.9	23.5	30.5	19.7	29.5	28.8	35.8	35.2	47.8	31.1
3,823	699,154	Colorado Springs, CO	23.9	31.2	19.5	12.2	10.3	15.3	17.9	21.5	24.9	23.5	17.4	22.5	25.4	22.6	28.1	25.4	22.7
3,721	577,060	Greeley, CO	12.7	49.2	23.0	5.3	8.8	18.0	21.9	19.9	21.8	24.8	21.9	21.9	29.4	24.3	22.8	25.3	26.8
4,718	404,022	Fort Collins, CO	40.1	54.8	6.5			17.6	19.1	22.8			18.0	20.4	18.0	12.4			20.3
3,240	302,766	Boulder, CO	35.8	42.6	25.0			15.6	17.1	26.0			17.5	24.1	23.6	33.6			27.5
4,418	197,962	Grand Junction, CO	14.0	29.9	38.3	5.9	12.4	15.4	19.4	21.3	17.9	30.2	20.3	16.7	23.4	23.9	26.1	21.6	24.6
3,379	197,907	Pueblo, CO		22.9	7.9	26.8	42.2		19.7	19.0	17.6	22.9	21.5		19.6	12.5	24.2	18.2	16.1
2,442	1,525,135	Hartford-West Hartford-East Hartford, CT	2.1	24.8	41.3	25.0	8.8	20.0	17.7	23.6	24.4	28.6	20.0	22.9	24.6	29.1	25.2	31.5	23.5
2,221	1,153,953	Bridgeport-Stamford-Norwalk, CT	14.6	37.6	22.5	12.9	9.6	14.6	15.3	22.5	23.8	26.2	19.2	21.3	16.9	17.7	16.9	23.6	16.0

3,282	883,958	New Haven-Milford, CT		24.1	24.4	37.9	11.0		17.8	19.8	22.9	27.6	22.7		19.9	18.5	18.1	21.5	18.2
4,188	294,200	Norwich-New London, CT	3.5	18.6	34.9	31.3	12.5	15.6	19.5	20.2	25.1	31.1	19.0	33.0	22.2	19.4	9.7	16.0	19.3
969	6,939,247	Washington-Arlington-Alexandria, DC-VA-MD-WV	22.8	41.5	23.9	7.4	6.7	15.7	17.3	21.1	21.5	28.0	21.3	23.4	28.8	28.6	43.4	55.0	31.3
4,228	990,882	Wilmington, DE-MD-NJ	6.2	10.7	25.5	38.7	15.6	11.3	13.1	16.6	19.3	28.7	15.8	17.1	20.0	21.1	20.9	18.9	17.2
2,193	3,714,110	Tampa-St. Petersburg-Clearwater, FL	4.8	25.3	22.8	27.2	18.7	15.3	16.2	17.1	17.5	23.2	17.3	26.2	29.8	31.8	31.3	38.3	28.7
3,448	3,464,556	Orlando-Kissimmee-Sanford, FL	9.4	26.7	50.1	11.3	5.5	14.2	16.5	17.5	20.9	36.2	15.0	19.4	19.7	23.7	24.5	54.9	29.7
1,251	3,051,041	Miami-Miami Beach-Kendall, FL	10.6	17.8	41.0	20.9	7.9	18.0	20.7	21.1	23.0	24.6	18.8	32.3	38.1	37.3	35.2	40.6	33.5
1,357	2,558,600	Fort Lauderdale-Pompano Beach-Deerfield Beach, FL	8.9	27.1	32.3	26.6	7.8	16.7	17.5	20.5	28.7	33.5	22.8	29.2	34.8	39.6	48.7	51.4	44.5
1,808	2,093,471	West Palm Beach-Boca Raton-Delray Beach, FL	61.9	16.4	5.8	9.7	6.2	15.7	16.8	12.9	22.7	32.3	15.6	31.3	30.8	27.8	38.3	38.3	32.4
1,989	1,930,577	Jacksonville, FL	15.2	20.6	26.3	23.5	15.1	15.3	14.8	14.1	19.6	22.6	14.3	24.3	19.3	26.6	30.5	28.6	24.6
2,520	1,350,794	North Port-Sarasota-Bradenton, FL	27.3	42.3	20.5	12.0	1.3	13.5	13.8	21.5	20.7	19.5	12.1	24.2	23.1	32.3	23.9	31.4	22.9
2,303	1,190,401	Lakeland-Winter Haven, FL	0.2	9.5	51.2	30.8	7.1	3.0	13.3	18.6	19.2	22.3	21.2	50.0	27.2	26.6	26.9	30.8	23.2
3,956	1,141,101	Cape Coral-Fort Myers, FL	39.0	31.8	19.3	10.6	1.8	13.8	15.0	15.6	18.9	18.5	15.9	25.0	31.1	40.3	29.9	44.8	32.9
4,399	1,086,991	Deltona-Daytona Beach-Ormond Beach, FL	4.9	13.2	47.3	28.3	7.5	15.6	14.9	17.3	19.7	24.0	18.7	16.6	31.4	26.9	25.4	21.9	29.2
3,526	880,949	Palm Bay-Melbourne-Titusville, FL	15.4	15.9	43.0	22.3	2.3	15.0	16.4	20.2	19.4	24.0	15.9	18.0	25.4	27.0	24.7	31.9	25.2
2,258	806,189	Pensacola-Ferry Pass-Brent, FL		8.1	35.8	47.1	8.2		18.6	20.6	20.5	25.3	20.4		26.7	27.4	29.6	29.3	28.4
3,199	727,325	Port St. Lucie, FL	35.2	20.9	31.6	1.5	8.8	16.7	16.1	21.5	16.9	31.7	21.1	15.4	19.6	30.8	15.6	28.5	23.8
3,494	534,370	Tallahassee, FL		23.7	15.3	31.1	29.9		18.5	22.5	22.9	37.9	23.3		16.1	17.4	26.2	29.4	27.7
3,161	526,093	Ocala, FL		0.0	50.1	43.2	9.2		0.0	14.8	18.3	17.7	19.8			22.2	21.8	15.1	19.3
3,176	388,769	Crestview-Fort Walton Beach-Destin, FL	4.4	29.2	26.0	40.3	1.3	15.7	18.4	23.7	22.5	13.6	18.2	19.5	25.2	25.8	22.0	22.0	22.7
3,035	328,342	Naples-Immokalee-Marco Island, FL	73.1	20.5	9.7			15.1	14.4	19.5			16.5	23.8	17.9	16.4			21.6
4,148	291,813	Gainesville, FL		41.1	28.5	15.5	14.3		16.2	16.4	18.1	18.3	14.8		16.8	14.3	13.8	16.9	15.7
3,139	274,190	Sebastian-Vero Beach, FL	14.0	44.5	30.1	12.6		14.0	16.5	19.0	22.9		17.8	19.1	21.3	30.0	31.2		24.2
3,864	273,303	The Villages, FL		58.1	24.8	15.4	0.2		14.4	19.8	20.0	21.1	19.0		33.3	25.2	28.7	62.5	27.4
3,682	212,229	Homosassa Springs, FL		0.3	47.2	49.3			41.7	19.8	17.0		14.9		55.0	37.0	25.3		28.6
2,642	187,335	Punta Gorda, FL	2.5	59.1	38.6			16.6	15.8	14.9			18.5	23.5	28.6	29.4			28.5
3,609	100,978	Sebring, FL		32.3	38.2	29.2			15.0	21.1	17.9		18.4		19.7	18.3	28.7		20.8

1,721	7,431,998	Atlanta-Sandy Springs-Roswell, GA	6.0	31.0	21.3	28.0	15.5	12.8	13.7	15.7	21.2	25.4	19.3	30.5	24.4	30.6	34.3	37.1	33.6
1,828	646,898	Augusta-Richmond County, GA-SC		21.9	23.9	36.2	15.6		16.3	14.1	19.8	23.6	17.8		22.8	28.3	25.7	26.5	22.7
2,429	537,091	Savannah, GA	5.8	6.1	35.7	37.4	15.6	13.2	13.7	17.5	22.7	25.6	22.2	23.6	33.9	31.8	29.2	29.1	32.4
2,673	470,644	Columbus, GA-AL		9.0	12.3	42.7	36.2		15.2	21.8	19.4	23.1	23.6		30.4	35.2	29.4	34.4	32.3
4,722	363,553	Gainesville, GA			65.1	38.8				13.0	20.1		20.1			24.3	32.4		28.1
3,985	327,321	Athens-Clarke County, GA		13.0	29.4	38.2	17.6		15.1	21.8	17.5	28.5	18.6		25.6	24.5	31.0	32.0	26.8
3,689	315,695	Macon-Bibb County, GA			26.2	36.6	36.6			17.4	20.2	26.5	22.8			31.5	29.3	35.0	30.4
4,232	307,725	Albany, GA			27.3	4.9	68.7			19.4	19.8	24.1	23.4			14.9	12.9	24.3	23.6
2,066	216,865	Warner Robins, GA		8.0	45.7	28.0	20.8		16.3	22.6	20.8	21.8	22.3		22.9	24.9	24.0	27.7	22.7
4,305	138,602	Brunswick, GA	23.2		3.6	49.7	25.7	12.1		4.6	19.3	22.3	14.6	19.3		0.0	10.8	11.4	9.2
2,855	1,374,635	Urban Honolulu, HI	48.6	37.3	13.5	3.3	1.1	16.6	21.3	28.2	27.8	35.3	21.6	22.2	22.8	25.5	16.9	42.1	21.7
5,063	205,257	Kahului-Wailuku-Lahaina, HI	13.8	58.7	26.6	1.4	0.2	19.5	19.3	27.6	29.7	22.2	24.3	17.9	16.8	8.6	10.0	100.0	11.4
3,631	722,260	Des Moines-West Des Moines, IA	23.4	39.8	15.8	14.4	4.8	13.6	13.8	16.6	19.8	30.6	19.8	18.6	19.4	22.7	20.2	32.3	20.2
2,174	510,397	Davenport-Moline-Rock Island, IA-IL	11.1	36.7	25.3	26.4	3.0	16.1	19.6	18.2	22.4	25.9	17.2	20.2	22.1	21.8	23.7	27.0	20.2
3,592	336,850	Cedar Rapids, IA	14.9	27.1	44.7	14.5	0.7	14.5	17.6	24.4	18.8	14.7	15.1	16.2	20.1	17.1	15.3	10.0	18.5
2,514	211,404	Iowa City, IA	16.2	36.3	49.9			15.7	17.1	23.7			18.4	15.8	20.5	21.7			18.0
3,401	188,106	Waterloo-Cedar Falls, IA	11.0	56.5	13.0	10.2	7.7	15.7	17.4	18.1	22.4	27.6	22.8	18.6	22.4	26.0	27.2	19.2	19.5
2,624	175,893	Sioux City, IA-NE-SD	8.1	50.2	30.9	4.3	9.5	13.3	14.9	17.2	14.6	25.8	13.8	20.6	16.4	18.7	9.5	17.0	14.1
3,203	112,346	Dubuque, IA	3.3	20.4	39.4	38.4		18.8	20.3	15.6	23.7		21.2	27.8	22.5	14.0	24.2		19.6
3,175	828,858	Boise City, ID	19.0	31.6	26.6	21.3		17.8	18.4	23.9	22.5		23.2	23.3	17.2	22.3	24.0		24.9
3,539	198,801	Idaho Falls, ID	0.7	14.0	71.3	14.6		6.0	16.1	24.6	21.0		21.2	0.0	24.9	16.1	18.6		16.8
5,577	190,850	Coeur d'Alene, ID		29.1	71.0				16.8	20.3			20.0		20.4	17.8			20.9
6,046	83,707	Pocatello, ID		14.4	8.6	79.2	0.0		14.9	31.1	24.5	0.0	20.0		6.5	57.9	16.3		19.1
1,072	8,133,875	Chicago-Naperville-Arlington Heights, IL	15.4	28.3	21.2	17.5	16.7	13.8	14.7	19.6	19.5	24.0	13.8	21.0	22.7	26.1	36.3	40.7	32.2
2,178	1,047,423	Lake County-Kenosha County, IL-WI	30.2	30.2	15.5	16.8	5.5	14.1	16.2	17.5	23.0	20.5	16.1	21.2	23.8	32.5	24.7	16.9	24.7
2,832	796,221	Elgin, IL	38.6	17.3	29.8	14.6		13.0	19.3	22.4	19.4		19.2	20.0	27.3	30.2	21.9		29.0
4,271	476,508	Peoria, IL	5.4	31.5	29.2	20.2	12.6	13.9	16.9	23.0	19.8	24.7	15.3	23.1	19.4	26.9	20.9	26.1	25.3
2,274	397,234	Rockford, IL	0.0	28.9	19.4	36.6	19.1	0.0	14.4	23.4	15.9	26.2	19.4		18.9	18.9	19.7	36.5	24.5

5,438	357,036	Champaign-Urbana, IL	0.4	34.7	26.9	31.5	9.4	2.0	21.2	22.4	26.7	23.9	21.9	0.0	10.8	13.9	15.5	6.3	11.7
5,017	266,747	Springfield, IL	6.5	12.5	34.4	16.3	26.9	21.6	13.8	21.6	20.6	41.6	28.9	36.7	16.2	23.0	20.8	28.6	26.0
3,599	262,842	Bloomington, IL	1.6	33.1	40.8	27.5		15.0	15.5	20.9	19.6		17.7	38.5	25.3	16.8	18.3		19.5
4,158	143,533	Decatur, IL	2.7	8.5	11.0	34.6	42.4	13.5	14.9	18.7	21.4	22.6	22.0	21.6	27.3	23.0	27.9	21.2	26.5
4,101	143,449	Carbondale-Marion, IL		1.2	12.0	47.4	43.1		10.4	19.7	20.7	23.7	25.6		33.3	37.8	28.7	26.8	29.3
3,405	98,681	Kankakee, IL		3.6	33.9	8.3	57.7		13.7	22.2	28.0	46.3	33.4		7.5	14.5	13.5	7.6	11.3
3,945	82,291	Danville, IL		2.5	25.1	14.7	57.0		19.0	19.7	17.3	25.8	23.8		9.7	16.8	32.5	22.6	21.7
1,568	2,348,052	Indianapolis-Carmel-Anderson, IN	10.8	17.4	23.1	25.7	20.5	16.5	17.8	21.8	21.6	26.5	18.7	36.6	28.9	25.7	26.9	34.0	28.4
2,121	966,447	Gary, IN	3.2	16.7	31.8	17.7	30.7	15.1	14.6	15.5	19.3	23.4	16.8	18.5	27.0	25.2	26.3	20.9	26.4
3,765	526,637	Fort Wayne, IN	6.5	16.8	37.7	16.9	25.9	13.8	15.8	19.2	20.9	24.6	18.2	16.2	23.9	20.7	22.2	33.1	26.0
3,677	513,491	Evansville, IN-KY	4.0	11.5	21.0	53.4	12.3	10.5	12.9	10.5	19.2	21.4	17.1	9.2	11.0	20.6	15.4	21.9	14.1
3,094	420,120	South Bend-Mishawaka, IN-MI	9.0	9.8	27.2	35.6	16.8	15.7	12.6	22.0	15.8	24.4	17.6	23.0	25.8	23.2	24.0	13.9	21.3
4,223	286,737	Elkhart-Goshen, IN		0.2	15.3	63.7	21.9		0.0	16.6	15.2	18.2	17.8			31.0	20.6	26.2	27.1
4,122	239,688	Bloomington, IN		24.6	25.1	52.4	0.1		17.2	16.5	17.5	12.5	20.6		24.5	24.3	28.1	100.0	25.1
3,659	229,321	Terre Haute, IN		0.5	9.5	62.2	28.8		4.0	18.5	18.2	20.1	20.3		25.0	28.0	27.2	24.4	23.6
3,433	156,387	Lafayette-West Lafayette, IN		5.6	77.5	5.6	15.2		21.1	16.5	12.5	23.7	19.7		19.0	23.1	28.8	32.1	28.1
3,605	96,825	Michigan City-La Porte, IN		3.6	9.7	88.1			20.9	15.7	19.6		17.8		36.6	38.2	27.6		24.8
3,271	614,998	Wichita, KS	8.2	31.1	28.4	21.5	9.7	15.2	16.5	24.1	21.0	25.9	21.4	23.1	28.0	25.2	19.8	26.8	26.6
2,938	299,847	Topeka, KS	2.5	25.0	41.7	27.4	5.7	17.9	16.5	19.9	18.6	28.2	15.1	21.7	18.9	18.6	19.4	33.0	23.7
1,275	86,543	Manhattan, KS	14.8	17.7	38.8	27.2	0.4	11.4	14.9	19.1	18.2	15.4	17.2	12.4	16.7	6.7	16.9	83.3	13.1
4,517	72,352	Lawrence, KS	50.6	30.0	21.6			14.3	15.0	15.9			11.8	8.0	4.6	26.2			14.9
2,906	1,686,667	Louisville/Jefferson County, KY-IN	10.6	14.7	24.1	27.3	26.8	13.3	14.4	17.4	18.4	21.2	15.7	23.6	21.1	24.3	26.9	30.1	25.1
1,913	716,287	Lexington-Fayette, KY	1.7	15.8	17.2	56.0	11.3	13.3	15.8	18.3	21.3	30.3	19.4	17.8	19.2	28.8	25.0	34.9	26.4
2,921	1,622,570	New Orleans-Metairie, LA	1.3	7.8	5.6	37.3	46.4	11.3	16.7	17.0	20.3	23.5	21.6	18.4	19.5	16.9	26.2	28.3	23.4
1,910	994,845	Baton Rouge, LA	0.2	8.0	17.7	37.9	39.1	15.6	18.3	15.5	21.1	23.6	17.0	57.1	31.3	29.6	31.3	38.5	37.2
2,714	733,500	Lafayette, LA	0.1	12.5	2.5	32.6	51.4	23.1	16.5	15.6	18.7	21.9	22.7	0.0	28.7	19.3	24.8	28.1	30.1
2,821	501,195	Shreveport-Bossier City, LA			16.9	39.7	46.1			20.8	15.6	23.2	23.2			20.5	24.2	30.1	27.6
2,199	332,872	Lake Charles, LA			29.2	37.2	36.8			14.5	19.7	24.3	20.9			36.6	33.3	34.5	30.9

2,154	2,999,676	Cambridge-Newton-Framingham, MA	8.1	43.3	32.0	13.4	2.2	16.1	17.8	21.5	22.4	22.7	19.0	29.4	29.5	30.2	26.4	25.5	31.5
1,704	2,786,295	Boston, MA	7.5	28.1	29.3	28.1	6.4	14.1	16.8	20.9	22.4	27.1	18.2	26.4	30.3	34.0	35.4	30.7	34.9
2,732	1,026,619	Worcester, MA-CT	2.6	20.4	24.2	49.4	4.8	15.2	16.3	21.3	23.1	27.9	24.3	38.6	27.9	22.7	23.2	28.6	24.4
3,698	782,466	Springfield, MA		24.9	30.0	16.9	26.7		15.8	20.2	18.4	25.6	24.1		21.0	24.2	30.0	30.9	25.1
4,877	221,391	Barnstable Town, MA	14.1	55.2	17.4	2.8	8.3	17.0	18.4	20.9	22.3	35.9	23.8	15.1	14.9	10.2	12.4	11.0	14.1
5,511	178,717	Pittsfield, MA	2.2	22.2	34.2	45.0		16.6	16.3	18.9	22.1		17.7	13.2	14.2	13.2	11.9		11.2
1,587	3,227,422	Baltimore-Columbia-Towson, MD	4.8	26.4	24.1	16.6	27.9	13.6	15.4	14.1	23.0	26.1	20.2	29.9	33.0	33.3	41.6	46.0	42.9
1,568	1,593,931	Silver Spring-Frederick-Rockville, MD	19.1	52.0	31.8		0.7	13.5	17.8	16.6		43.9	15.8	26.3	35.0	24.0		10.1	32.8
1,972	448,129	Salisbury, MD-DE	5.1	18.8	26.3	43.0	5.6	13.6	15.9	15.8	19.8	24.7	20.9	13.3	16.0	23.2	16.9	11.4	21.3
3,249	358,773	Hagerstown-Martinsburg, MD-WV	5.6	4.0	42.2	15.5	32.8	19.8	13.6	19.9	17.7	27.2	24.8	13.5	17.0	15.5	24.1	14.2	14.2
5,238	254,194	Cumberland, MD-WV	4.1		14.4	41.9	38.2	23.4		18.5	25.4	24.2	26.0	8.8		21.4	12.1	16.0	13.4
5,998	116,277	California-Lexington Park, MD	0.4	67.2	31.2	0.7		11.8	18.8	24.1	20.4		19.6	50.0	20.0	24.7	54.5		21.6
3,668	615,153	Portland-South Portland, ME	8.3	22.2	32.1	39.7		16.1	18.4	20.0	25.8		18.1	17.5	18.6	19.8	22.5		19.3
2,063	3,193,025	Warren-Troy-Farmington Hills, MI	5.3	26.9	27.9	25.1	15.5	12.8	15.4	20.0	19.1	24.2	15.6	22.7	27.6	31.3	33.2	38.7	32.9
2,083	2,009,236	Detroit-Dearborn-Livonia, MI	4.3	9.7	15.3	14.4	58.4	12.0	17.3	15.6	16.7	26.6	22.3	28.5	35.3	32.5	34.8	42.2	42.9
3,003	1,426,051	Grand Rapids-Wyoming, MI	7.4	30.0	27.0	29.9	3.0	20.7	19.5	21.1	26.1	25.5	18.9	28.7	19.3	22.9	28.4	19.8	24.5
3,049	527,755	Kalamazoo-Portage, MI	1.6	20.5	34.7	23.7	19.3	15.4	18.2	25.3	25.9	49.0	26.0	24.2	23.1	30.7	35.6	24.0	31.4
3,963	510,617	Ann Arbor, MI	10.1	58.9	16.0	7.5	10.5	15.3	15.6	22.3	30.7	51.1	22.9	17.1	23.0	22.3	45.3	45.6	28.4
3,757	490,655	Lansing-East Lansing, MI	1.0	12.0	45.7	3.5	35.9	12.6	20.0	23.8	17.3	29.6	26.1	23.5	32.7	26.4	22.8	24.2	23.8
4,695	235,736	Jackson, MI	1.0	5.0	20.5	55.8	14.7	7.0	20.6	21.5	20.3	23.9	20.8	10.0	10.2	23.8	17.3	12.0	21.3
3,317	218,751	Saginaw, MI		6.4	22.0	18.1	52.3		22.1	17.3	17.3	23.5	21.8		29.8	24.8	34.1	25.4	29.5
4,275	166,450	Battle Creek, MI		3.9	41.6	37.2	17.5		11.3	18.2	16.5	19.7	19.4		21.6	20.4	23.2	21.0	20.2
3,492	151,497	Monroe, MI		28.3	7.3	39.1	24.3		15.7	19.7	20.6	23.8	20.9		23.1	30.2	32.7	21.4	24.8
4,958	77,994	Niles-Benton Harbor, MI	40.8	6.4	51.1	0.2		12.7	12.5	18.5	0.0		17.4	15.0	10.7	15.9			15.8
1,989	3,602,043	Minneapolis-St. Paul-Bloomington, MN-WI	15.2	39.2	30.5	11.2	6.6	17.0	20.8	21.6	30.3	33.9	23.7	22.3	25.4	25.8	34.6	30.2	30.6
3,249	296,105	Duluth, MN-WI		15.6	23.6	49.3	12.2		22.4	26.1	27.2	31.8	24.4		26.5	19.8	20.5	29.1	22.1
7,978	227,638	Rochester, MN	25.5	57.0	16.8			18.3	20.4	15.2			22.0	16.4	13.9	17.0			17.2
7,534	212,038	St. Cloud, MN	7.2	49.4	30.0	13.6		14.7	21.9	24.8	37.6		21.2	27.2	18.4	19.7	17.6		21.6

4,579	159,975	Mankato-North Mankato, MN	3.7	36.0	62.0			14.1	19.7	24.9			20.1	30.8	11.7	15.8			12.5
2,003	3,050,106	St. Louis, MO-IL	17.3	22.7	24.3	17.6	16.1	13.2	16.2	16.7	19.3	23.4	18.7	27.1	28.4	29.2	29.6	42.4	30.2
1,343	2,431,280	Kansas City, MO-KS	15.0	34.7	24.0	16.3	7.8	15.2	16.4	15.7	23.2	31.2	22.7	30.7	34.4	29.3	26.6	42.1	33.8
3,438	518,362	Springfield, MO	9.8	27.3	18.8	17.8	25.9	11.8	15.5	18.5	17.6	25.5	21.3	12.4	19.4	20.9	18.4	26.6	20.0
3,024	306,851	Jefferson City, MO	1.2	34.2	61.9	6.6		11.3	17.8	22.9	27.8		21.6	23.5	21.0	24.3	23.2		24.6
5,654	159,584	St. Joseph, MO-KS		11.8	51.8	32.5	7.2		14.3	20.4	18.4	20.8	20.0		15.8	15.7	19.7	10.0	18.4
2,610	133,307	Cape Girardeau, MO-IL	0.0	4.9	66.3	1.0	24.8	0.0	14.7	14.7	19.1	19.1	17.0		33.3	21.5	0.0	25.5	23.7
1,858	626,633	Gulfport-Biloxi-Pascagoula, MS		3.6	13.5	41.1	44.5		22.6	22.7	20.2	19.5	16.8		38.3	23.6	23.9	24.3	22.6
2,307	606,980	Jackson, MS	8.2	14.2	8.9	16.8	51.4	13.3	13.6	14.2	17.2	23.0	21.5	29.8	33.9	31.9	32.8	29.6	29.8
3,881	282,076	Billings, MT	11.3	64.1	1.9	21.8		16.6	20.6	15.7	30.5		24.9	15.0	12.9	31.0	23.1		16.7
5,437	141,140	Missoula, MT	0.7	36.1	42.0	23.1		9.9	19.9	24.0	20.0		19.3	28.6	18.7	14.8	19.6		17.0
5,732	82,091	Great Falls, MT		2.7	71.9	23.1			13.0	22.0	18.9		23.2		16.7	20.0	16.9		20.0
2,905	3,583,279	Charlotte-Concord-Gastonia, NC-SC	11.0	17.9	19.7	37.9	15.9	15.8	15.9	15.2	18.8	20.9	16.1	27.4	25.6	22.9	27.9	22.6	27.5
2,933	1,629,529	Raleigh, NC	16.9	33.3	23.0	21.0	6.3	14.9	17.2	26.7	21.1	24.5	19.3	26.4	25.9	28.0	28.6	19.4	25.6
2,699	1,553,907	Greensboro-High Point, NC	11.9	4.9	24.5	36.1	19.3	13.5	15.3	17.9	19.0	20.6	17.4	9.4	16.1	16.7	21.5	18.3	15.8
3,696	699,161	Durham-Chapel Hill, NC	5.3	48.6	17.0	16.3	9.7	14.9	15.4	20.4	17.5	26.1	16.9	20.3	26.7	26.3	26.3	34.9	24.2
3,786	577,598	Winston-Salem, NC	2.9	23.0	17.6	49.8	9.9	16.0	15.6	21.3	20.6	30.2	17.2	27.0	21.6	10.0	24.5	30.6	19.6
6,662	425,830	Wilmington, NC	0.7	31.9	23.5	26.2	15.6	13.8	14.5	19.7	19.5	40.3	17.1	5.6	9.9	10.1	18.4	10.6	10.4
4,619	386,341	Asheville, NC		24.9	42.2	25.9	6.5		15.9	12.3	17.5	30.4	19.5		22.4	20.2	22.4	16.1	17.6
2,262	296,484	Hickory-Lenoir-Morganton, NC		0.6	1.2	78.9	18.2		10.1	23.7	19.2	19.7	19.9		14.3	36.7	29.4	40.3	32.2
5,835	216,299	New Bern, NC		6.4	38.5	50.1	3.7		16.2	13.0	21.9	16.3	20.7		19.6	6.8	14.4	9.1	8.7
3,992	51,780	Burlington, NC		0.1	0.6	99.7			0.0	0.0	15.1		12.3				28.0		24.1
4,038	195,111	Fargo, ND-MN	4.6	46.1	15.5	32.2		16.1	17.3	27.5	29.9		21.6	22.5	8.3	16.9	22.3		13.3
4,569	166,409	Bismarck, ND	1.0	95.6	1.9		1.7	14.1	18.0	12.1		23.0	18.6	0.0	20.0	25.0		34.2	16.7
4,637	139,648	Grand Forks, ND-MN	3.9	4.7	69.0	19.6	0.0	14.3	13.1	18.9	23.2	0.0	21.6	41.2	26.3	14.5	21.1		16.1
2,408	1,064,639	Omaha-Council Bluffs, NE-IA	14.0	37.1	24.9	14.1	9.0	13.7	16.4	18.0	21.6	24.8	15.5	27.5	27.1	20.4	20.2	34.2	28.8
5,456	380,239	Lincoln, NE	26.1	31.5	27.4	11.4	5.2	17.2	16.2	17.5	22.5	35.1	14.9	23.4	15.3	16.9	27.4	31.8	22.7
3,617	115,820	Grand Island, NE	7.6	28.9	57.3	9.3		13.0	15.2	20.5	13.4		13.3	15.8	23.9	23.5	21.1		23.2



1,450	570,744	Rockingham County- Strafford County, NH	23.8	38.7	25.0	13.8		16.0	17.7	17.5	24.9		16.5	26.1	24.4	26.8	29.6		23.6
1,786	386,321	Manchester-Nashua, NH	36.3	35.6	7.3	18.9	1.0	17.0	15.1	26.8	27.6	36.5	17.3	19.3	16.9	21.5	34.9	52.2	19.9
1,951	2,766,134	Newark, NJ-PA	34.6	32.1	15.5	5.0	10.9	13.1	16.4	18.1	26.3	32.1	15.4	23.3	23.8	24.4	28.9	50.3	26.0
2,363	1,351,074	Camden, NJ	4.2	23.1	31.2	29.1	11.0	16.7	16.5	23.2	22.2	25.1	18.6	39.4	26.1	28.5	26.4	29.3	24.8
2,040	341,889	Trenton, NJ	8.0	35.3	13.8	9.5	35.2	11.5	18.0	22.0	18.5	30.7	21.7	33.6	21.6	38.4	30.3	29.5	25.7
3,190	251,105	Atlantic City-Hammonton, NJ	9.3	9.1	57.2	1.2	21.5	16.0	14.8	18.0	17.6	24.4	14.7	15.1	30.8	24.2	26.7	17.0	19.1
2,274	118,639	Ocean City, NJ	19.9	8.9	34.7	35.6		19.4	9.7	18.9	16.1		17.9	13.9	17.0	14.2	14.5		11.3
4,843	92,375	Vineland-Bridgeton, NJ		3.4	36.4	60.1			18.3	13.9	16.3		18.8		45.5	26.4	17.4		21.9
2,543	997,195	Albuquerque, NM	4.9	14.2	33.2	31.6	18.6	12.6	15.9	18.5	20.5	24.1	22.5	35.0	27.6	28.6	30.8	30.2	25.9
1,866	223,312	Las Cruces, NM		23.5	34.3	25.7	14.5		20.2	15.4	20.5	21.0	23.9		24.2	25.5	34.8	25.6	26.2
3,663	206,255	Santa Fe, NM	38.5	24.6	34.1			15.6	20.0	22.7			18.8	24.0	17.0	20.2			21.8
3,420	143,124	Farmington, NM		8.1	18.9	48.2	21.7		18.3	19.4	20.0	23.8	20.4		15.1	19.6	10.4	9.6	10.1
1,880	3,088,579	Las Vegas-Henderson- Paradise, NV	4.6	24.8	25.3	16.1	26.0	16.3	18.7	21.1	24.9	33.5	24.5	32.2	28.8	35.1	42.6	50.1	40.6
3,452	742,129	Reno, NV	16.3	36.5	20.2	12.3	17.3	17.3	16.9	15.8	29.7	40.2	24.8	30.8	26.3	27.9	36.6	40.2	35.0
630	15,986,759	New York-Jersey City-White Plains, NY-NJ	12.5	30.1	32.1	15.6	5.8	14.7	16.3	20.1	24.9	25.4	17.4	23.1	25.5	29.4	34.8	34.0	32.8
2,210	2,995,443	Nassau County-Suffolk County, NY	25.5	40.3	25.8	7.8		14.5	15.6	21.3	23.8		14.1	24.3	27.3	31.5	34.9		26.8
2,813	1,236,586	Buffalo-Cheektowaga- Niagara Falls, NY	2.2	16.8	17.2	32.8	29.0	20.8	16.7	17.0	20.4	27.4	21.6	37.7	23.3	27.8	31.9	28.9	26.3
3,975	1,189,995	Rochester, NY	2.9	22.0	35.8	27.7	10.5	21.4	18.9	17.7	26.2	30.6	22.3	24.6	27.3	24.4	25.6	44.5	27.4
2,241	1,021,548	Albany-Schenectady-Troy, NY	6.1	29.7	25.1	24.9	12.2	13.1	19.8	19.3	25.9	39.2	24.3	28.3	27.4	30.2	30.0	41.6	31.0
1,985	780,023	Syracuse, NY	9.9	33.2	20.5	20.1	12.4	15.8	18.1	24.1	20.6	37.4	21.5	27.8	20.1	26.6	23.5	35.9	25.5
3,974	417,492	Dutchess County-Putnam County, NY	10.4	49.9	31.7	9.8		17.2	16.2	17.1	21.3		15.2	28.5	23.0	35.4	25.7		24.6
2,081	394,341	Utica-Rome, NY		26.1	27.7	35.4	13.0		16.6	24.0	23.1	29.8	23.1		29.9	27.8	23.4	30.3	23.1
3,218	387,302	Binghamton, NY	0.1	16.0	27.3	34.3	20.6	0.0	17.1	14.4	20.0	31.0	22.0		19.6	13.4	18.0	17.9	18.0
2,555	260,863	Kingston, NY	2.8	32.0	30.9	31.1		11.2	14.9	16.2	21.0		20.6	19.2	27.8	25.1	18.7		19.5
2,299	219,823	Ithaca, NY		26.0	46.8	28.8			18.2	26.0	22.2		20.9		11.6	8.6	23.1		12.0
3,622	145,559	Glens Falls, NY	3.4	27.3	45.2	27.2		12.7	17.8	20.8	18.4		21.0	11.5	13.0	17.6	12.0		14.3
3,875	90,385	Elmira, NY		0.5	60.6		40.4		0.0	20.2		20.1	18.5			25.0		17.4	19.0
2,702	63,366	Watertown-Fort Drum, NY	10.6	74.5	15.0	1.4		19.9	16.7	15.2	12.1		16.8	22.7	30.9	22.1	0.0		29.5

1,249	2,510,754	Cincinnati, OH-KY-IN	12.9	16.8	26.2	31.5	13.0	14.4	14.5	18.1	19.0	20.1	15.0	25.2	26.3	28.2	28.0	28.1	25.8
2,348	2,432,931	Columbus, OH	9.6	19.4	25.0	24.2	22.2	14.3	15.6	19.9	20.6	20.0	19.1	33.3	34.1	27.8	20.2	31.8	31.7
3,021	2,172,302	Cleveland-Elyria, OH	9.5	37.7	23.6	14.1	17.2	14.4	14.3	14.6	17.3	22.2	16.4	26.9	24.7	25.3	29.3	35.4	29.1
2,769	1,085,899	Akron, OH	12.2	39.0	18.3	19.9	12.4	14.6	14.0	16.1	16.4	19.5	12.8	31.7	28.0	26.8	20.3	23.7	23.3
3,614	814,410	Dayton, OH	3.2	24.3	26.8	33.7	15.8	14.3	18.3	18.9	23.1	25.0	21.4	32.3	27.5	27.9	28.4	28.4	28.2
2,611	658,585	Toledo, OH	1.7	25.7	30.5	29.0	13.2	13.6	16.5	14.3	17.5	26.6	17.1	26.2	26.1	24.8	24.6	29.6	24.2
2,887	652,592	Youngstown-Warren-Boardman, OH-PA	0.0	14.5	36.0	31.6	17.2	50.0	12.8	16.7	17.1	19.4	19.9	0.0	23.8	23.7	25.6	34.4	29.8
3,746	373,900	Canton-Massillon, OH		7.1	31.4	47.3	15.2		11.0	15.5	16.8	16.5	15.3		15.7	24.7	22.6	24.2	23.2
3,760	197,818	Mansfield, OH		1.3	19.8	62.4	17.6		14.1	15.6	20.1	19.5	21.6		18.5	25.8	24.6	30.1	23.2
3,726	145,960	Springfield, OH		0.1	20.1	61.7	16.9		14.3	13.7	19.4	22.8	21.8		0.0	35.5	27.4	28.0	28.8
4,278	98,206	Lima, OH	0.1	21.0	0.0	30.7	47.8	0.0	19.6	5.7	15.6	21.7	22.2		12.1	0.0	20.8	21.7	21.2
1,308	1,634,944	Oklahoma City, OK	3.4	20.5	25.9	31.7	16.9	19.8	17.9	17.3	22.0	28.2	22.6	34.7	33.4	39.4	34.2	35.8	37.5
2,427	1,187,279	Tulsa, OK	2.2	7.2	29.0	35.3	23.7	14.2	14.7	19.3	21.2	24.3	16.3	28.8	34.1	33.7	33.1	32.4	35.8
3,733	199,650	Lawton, OK		5.8	11.9	67.9	15.6		19.2	21.2	23.9	27.6	24.3		30.6	23.3	22.5	25.2	19.8
2,484	84,938	Enid, OK		5.2	65.8		32.6		20.5	21.5		23.5	25.4		21.7	17.8		25.4	16.9
1,878	2,779,137	Portland-Vancouver-Hillsboro, OR-WA	8.9	25.2	34.3	27.1	3.8	17.1	19.4	23.1	25.8	25.5	23.4	25.2	27.2	27.9	37.2	32.9	28.4
3,858	581,749	Salem, OR		16.1	57.4	15.0	13.6		19.4	23.9	26.8	30.4	26.4		20.2	24.0	16.2	19.0	18.6
5,058	435,068	Eugene, OR		13.2	32.1	53.0	0.6		19.6	18.1	26.8	15.1	21.5		34.1	17.5	30.7	20.0	27.8
7,250	220,302	Bend-Redmond, OR	0.1	59.1	43.7			33.3	14.3	23.8			16.0	0.0	9.2	12.1			8.1
4,960	212,433	Medford, OR		19.5	51.6	25.4			21.4	22.5	19.8		20.9		21.2	23.7	24.4		25.2
3,790	179,823	Albany, OR		18.7	16.9	62.5			24.7	24.0	23.7		20.0		20.8	25.8	22.4		24.0
2,056	2,437,471	Pittsburgh, PA	7.2	20.0	28.6	32.3	9.2	16.4	14.5	20.0	19.5	21.8	16.7	26.0	29.4	26.3	33.2	30.6	31.5
1,360	2,391,721	Montgomery County-Bucks County-Chester County, PA	32.5	49.8	5.0	7.8	2.8	12.8	14.0	15.6	15.8	23.3	12.1	25.3	24.5	29.8	31.5	33.5	29.1
1,697	2,299,061	Philadelphia, PA	9.6	12.7	3.2	23.2	48.1	13.0	17.1	14.9	20.1	25.5	18.4	25.4	26.8	28.3	33.4	34.8	31.0
3,255	1,048,786	Allentown-Bethlehem-Easton, PA-NJ	14.3	41.6	32.2	7.8	4.6	13.7	17.2	16.7	21.6	26.7	20.5	17.9	21.3	18.2	25.4	26.5	18.5
3,243	694,625	Lancaster, PA	28.6	40.6	18.4	11.9		14.1	13.0	17.6	20.8		19.1	25.4	19.8	18.1	36.0		19.9
2,566	612,349	York-Hanover, PA	0.5	73.6	19.5	7.5	2.3	11.1	15.5	15.4	18.8	20.9	18.1	10.0	23.1	21.0	21.4	29.3	20.4
3,096	579,580	Scranton--Wilkes-Barre--Hazleton, PA	0.1	14.8	12.8	32.6	37.6	3.0	15.8	13.9	16.6	20.5	14.4	0.0	23.3	29.6	28.2	31.0	26.8

3,512	554,803	Harrisburg-Carlisle, PA	15.3	27.3	43.0	6.7	9.0	12.0	14.7	22.0	15.1	36.3	16.3	25.4	28.2	28.1	15.8	24.3	24.0
4,070	375,002	Reading, PA	10.7	47.0	20.9		18.1	13.5	12.9	13.7		24.8	14.0	15.0	26.5	25.2		23.8	26.5
3,312	300,138	Erie, PA		28.0	41.5	18.8	13.6		15.2	17.1	25.1	28.4	19.9		44.8	33.0	30.2	44.2	39.4
4,377	196,387	State College, PA	27.8	33.1	35.6	0.5		16.1	16.4	11.5	6.7		13.9	9.4	10.6	15.1	0.0		13.8
2,535	189,617	Lebanon, PA	15.8	47.5	21.2	15.6		13.1	14.4	16.2	22.8		13.9	18.2	21.9	19.0	20.9		17.4
3,889	175,037	East Stroudsburg, PA		22.2	74.7	6.9			15.0	20.9	18.6		17.3		28.2	21.1	14.6		23.7
5,892	166,193	Chambersburg-Waynesboro, PA		38.7	39.1	21.9			16.8	20.2	14.6		13.8		20.2	21.4	14.8		18.6
4,665	149,081	Altoona, PA		19.1	26.2	54.2			14.2	18.8	20.0		19.8		17.0	22.0	13.8		18.2
3,701	119,527	Johnstown, PA		1.8	34.6	32.5	28.4		16.1	14.2	14.6	37.9	20.3		11.1	19.3	29.7	29.4	24.6
4,282	85,613	Williamsport, PA	0.0	22.7	57.8	21.3		0.0	16.4	18.1	23.0		16.7		24.5	23.9	24.9		20.3
4,189	69,952	Gettysburg, PA		96.2	1.9				16.6	18.5			20.4		16.4	8.1			15.5
1,534	1,869,458	Providence-Warwick, RI-MA	7.4	22.7	26.5	19.5	21.2	16.8	18.2	20.0	21.2	26.5	22.7	25.6	28.7	24.2	27.1	23.3	22.6
2,439	1,208,429	Greenville-Anderson-Mauldin, SC	6.6	14.8	32.8	38.7	7.4	15.7	16.6	15.8	19.8	23.3	20.5	29.2	26.0	26.4	24.0	25.0	25.2
2,726	1,150,499	Charleston-North Charleston, SC	0.3	36.3	44.9	9.7	7.6	21.8	18.2	23.8	28.2	25.3	24.4	32.3	26.2	29.0	24.0	26.7	25.7
2,440	996,651	Columbia, SC	3.4	24.9	39.7	25.8	8.3	13.4	18.8	15.9	21.3	21.9	17.5	34.8	33.5	35.1	32.7	29.5	30.4
1,554	614,604	Myrtle Beach-Conway-North Myrtle Beach, SC-NC		39.5	40.7	17.8	3.8		16.3	19.9	17.3	23.5	15.5		22.4	24.0	25.8	20.3	19.7
4,509	537,004	Spartanburg, SC		9.4	46.0	23.7	18.3		15.7	17.0	19.3	24.9	19.6		29.8	18.5	26.8	17.9	19.1
1,536	250,582	Hilton Head Island-Bluffton-Beaufort, SC	21.8	50.2	16.3	11.3	0.4	12.8	18.4	24.1	24.1	26.9	16.2	18.4	21.1	24.5	31.8	53.6	25.6
3,359	305,304	Sioux Falls, SD	21.8	38.3	26.2	14.0		15.8	16.2	13.9	22.5		14.4	22.8	23.0	17.1	22.0		17.5
4,915	152,307	Rapid City, SD	25.8	40.7	14.4	23.0		16.2	17.1	16.2	19.9		20.4	19.6	18.6	17.2	9.1		19.3
2,080	2,387,132	Nashville-Davidson--Murfreesboro--Franklin, TN	5.9	20.9	22.6	40.3	14.2	11.9	14.1	15.6	16.9	25.3	13.6	25.7	22.5	25.7	22.6	33.3	25.5
3,181	1,498,140	Memphis, TN-MS-AR	2.4	18.8	20.2	16.3	40.2	10.8	14.2	13.8	16.4	21.2	14.4	30.6	22.1	30.4	27.5	30.9	30.2
2,828	1,017,797	Knoxville, TN	8.2	5.2	30.1	25.6	28.7	16.8	13.5	15.5	16.0	21.6	14.2	25.5	23.2	28.0	31.4	33.3	31.4
2,316	759,744	Chattanooga, TN-GA		11.3	32.8	15.0	40.0		13.9	12.5	18.1	22.1	18.5		26.2	26.4	29.9	27.2	28.9
1,992	441,238	Clarksville, TN-KY			31.6	65.0	5.5			19.3	19.3	24.7	15.4			17.9	25.3	46.4	25.9
6,500	434,878	Kingsport-Bristol-Bristol, TN-VA			9.3	50.5	43.5			16.2	17.3	19.0	15.7			27.4	19.5	26.2	20.8
7,464	352,015	Johnson City, TN			27.7	24.0	46.5			13.0	16.4	16.7	18.5			38.6	33.9	25.5	31.2
1,780	7,931,868	Houston-The Woodlands-Sugar Land, TX	9.4	42.7	20.7	19.9	5.2	14.3	16.3	18.3	21.2	24.7	16.9	26.7	32.5	34.9	39.0	42.5	33.5

1,253	5,581,257	Dallas-Plano-Irving, TX	11.4	36.2	22.0	18.0	8.7	14.3	16.7	21.1	22.5	27.2	16.7	29.5	32.4	36.1	35.5	36.8	36.4
1,573	3,334,260	Fort Worth-Arlington, TX	6.0	29.5	36.6	19.2	5.6	13.7	16.6	17.0	25.2	32.8	20.9	27.0	27.8	31.6	34.3	43.2	33.6
2,517	2,711,046	San Antonio-New Braunfels, TX	12.6	44.3	17.8	13.0	8.9	15.1	17.0	19.7	19.0	21.7	14.8	26.4	28.9	32.9	32.7	26.7	33.7
2,411	2,504,180	Austin-Round Rock, TX	22.5	38.1	34.3	7.1	0.4	14.7	18.0	16.2	19.3	18.4	17.3	31.4	29.3	31.9	35.3	42.2	33.5
3,247	1,163,766	El Paso, TX	3.2	17.1	42.1	32.9	3.7	12.6	16.8	20.9	19.8	24.0	21.3	14.1	28.4	30.1	33.9	26.9	27.2
1,891	1,013,623	McAllen-Edinburg-Mission, TX		7.2	46.5	47.4	0.4		15.5	20.2	20.3	36.8	22.7		29.4	27.3	28.3	12.0	27.2
2,955	697,230	Brownsville-Harlingen, TX	1.5		26.2	72.7		19.7		11.2	17.5		17.2	29.0		26.1	28.0		27.1
1,778	584,897	Beaumont-Port Arthur, TX		0.2	34.6	31.2	32.7		15.0	14.3	19.0	22.4	21.7		16.7	38.6	40.1	31.9	38.1
2,870	521,649	Killeen-Temple, TX		6.6	57.4	24.1	11.6		17.4	17.9	22.2	22.8	19.8		25.8	26.4	30.1	20.7	26.1
2,766	482,534	Corpus Christi, TX		11.6	45.3	30.5	9.6		15.8	23.6	24.7	26.4	22.7		24.0	23.0	29.7	16.1	27.0
3,130	409,069	College Station-Bryan, TX		53.9	21.7	18.5	3.4		15.8	27.2	19.5	21.6	14.6		20.7	35.8	27.3	10.8	28.7
2,713	369,791	Lubbock, TX		23.8	47.1	12.8	14.8		13.9	20.6	17.3	21.2	18.3		16.6	26.9	29.7	26.5	27.7
3,534	340,927	Waco, TX		29.2	32.7	27.8	13.3		12.3	15.8	16.3	25.3	13.0		17.7	19.5	27.6	24.6	24.9
2,191	330,885	Longview, TX			46.0	56.7				20.9	20.6		19.7			20.7	21.8		20.3
4,646	322,191	Amarillo, TX	0.0	33.2	43.4	14.6	11.9	0.0	15.4	16.0	15.2	30.0	15.0		26.4	22.3	23.9	33.6	25.4
3,387	320,646	Laredo, TX			41.3	40.2	21.4			17.1	20.5	20.6	23.3			26.3	33.8	30.6	27.0
3,073	316,371	Tyler, TX		6.0	60.4	31.0	4.9		18.6	19.7	19.5	30.2	19.5		11.7	13.8	17.2	12.8	11.5
2,441	307,656	Midland, TX		16.8	42.6	37.4	3.6		14.2	17.7	21.7	24.8	20.7		15.4	14.6	14.1	41.5	18.7
1,942	205,317	Victoria, TX		23.7	49.0	2.4	22.3		17.3	22.2	22.2	19.9	21.1		15.8	28.0	16.1	16.7	19.4
5,379	191,391	Abilene, TX		5.5	23.5	45.8	26.7		19.4	16.6	18.3	22.7	21.4		11.0	6.7	11.1	13.8	11.2
3,338	166,232	Sherman-Denison, TX		1.5	60.8	25.0	12.8		15.0	16.0	17.8	14.7	19.1		42.3	25.2	18.7	31.0	27.0
7,093	163,558	San Angelo, TX	0.6	35.8	38.1	1.9	27.1	16.7	15.9	13.1	29.7	19.5	15.2	0.0	16.1	8.4	9.3	4.1	5.8
2,665	1,339,765	Salt Lake City, UT	15.4	30.4	34.6	14.0	5.5	17.2	18.6	22.8	19.8	38.0	17.1	33.5	26.5	25.5	39.2	53.4	34.8
3,131	934,842	Ogden-Clearfield, UT	28.1	21.6	45.7	6.5		19.0	17.3	20.4	25.5		22.7	21.1	25.7	27.1	28.8		26.6
4,363	643,991	Provo-Orem, UT	17.7	55.4	22.6	3.8		16.3	18.6	19.8	32.9		17.1	24.7	35.0	29.7	26.3		27.7
8,496	246,625	St. George, UT	33.6	66.2	0.0			16.3	17.7	35.8			16.4	14.4	7.2	0.0			9.1
4,488	137,893	Logan, UT-ID	27.3	39.8	31.4			20.4	17.0	30.3			23.8	18.9	13.4	27.0			17.6
3,731	2,150,157	Virginia Beach-Norfolk-Newport News, VA-NC	6.3	27.0	33.3	24.4	7.0	15.6	17.5	22.7	23.0	29.6	21.4	25.5	23.5	27.5	22.2	34.1	23.9
3,065	1,392,429	Richmond, VA	10.9	40.4	17.9	19.6	10.7	15.2	17.4	19.5	21.6	29.5	15.8	27.9	25.1	30.7	30.7	31.8	25.4

4,274	338,585	Roanoke, VA		20.6	52.9	16.5	13.6		17.2	20.2	22.8	25.3	17.9		14.6	23.6	32.8	19.5	24.4
6,698	241,212	Lynchburg, VA	0.2	22.2	38.8	19.8	15.5	0.0	14.1	18.9	17.3	18.1	20.8		20.6	19.7	20.9	7.7	17.0
3,997	234,882	Blacksburg-Christiansburg-Radford, VA		1.6	48.0	32.5	16.6		17.1	17.5	22.0	22.0	21.6		2.4	21.6	19.6	24.8	22.0
2,885	234,324	Charlottesville, VA	43.9	18.3	24.5	14.4		15.0	16.6	14.2	18.6		14.7	22.3	23.6	14.0	20.7		16.8
5,776	162,706	Harrisonburg, VA		50.1	52.5				16.8	21.0			17.1		14.9	13.8			11.8
5,181	150,863	Staunton-Waynesboro, VA		16.2	58.5	27.7			19.0	19.9	19.2		15.6		13.1	11.1	12.9		15.3
7,211	125,541	Winchester, VA-WV	1.7	29.1	39.4	13.3	16.6	12.3	12.2	15.1	16.3	24.0	12.6	6.3	10.4	14.8	32.9	16.3	19.4
3,256	305,890	Burlington-South Burlington, VT	5.4	19.5	36.9	38.6		16.0	20.0	29.8	34.3		30.1	4.7	6.4	11.6	7.7		9.4
1,538	3,659,341	Seattle-Bellevue-Everett, WA	24.6	29.5	27.7	14.3	1.1	16.3	17.7	21.3	27.6	26.1	22.0	24.1	26.5	29.1	39.2	41.7	33.0
3,961	1,073,087	Tacoma-Lakewood, WA	7.6	37.0	33.7	6.3	12.1	14.9	19.2	20.1	23.0	27.4	17.5	23.0	23.6	23.0	27.7	34.3	24.7
4,035	792,505	Spokane-Spokane Valley, WA	1.6	26.2	42.5	22.1	7.7	13.3	19.1	21.3	21.7	25.2	18.4	23.7	29.9	17.0	35.8	37.9	23.6
4,229	419,295	Olympia-Tumwater, WA		49.7	39.4	13.0			19.6	18.6	21.7		21.6		22.6	25.1	25.9		25.8
4,973	348,546	Kennewick-Richland, WA	7.6	43.6	33.1	18.4		18.9	20.0	21.5	23.6		22.0	26.0	19.1	23.3	23.3		22.5
5,952	342,113	Bellingham, WA	3.2	27.6	66.5	2.7		13.6	16.6	24.4	23.9		20.6	33.7	8.0	15.7	8.0		16.6
3,827	338,780	Yakima, WA		23.1	20.0	51.6	3.5		19.1	25.5	25.5	23.6	24.1		14.9	15.8	18.1	34.2	15.3
6,105	141,452	Wenatchee, WA	0.0	52.7	43.4			0.0	23.5	25.1			28.0		19.0	20.3			23.6
2,669	94,377	Mount Vernon-Anacortes, WA	28.0	30.0	43.1	0.5		19.1	20.0	19.8	26.5		15.3	14.5	20.8	16.2	69.2		17.6
6,833	64,077	Walla Walla, WA		27.9	72.9				19.8	24.2			21.8		13.8	9.8			13.1
4,351	60,172	Longview, WA		18.8	37.0	40.3			17.6	20.6	18.9		20.3		19.4	12.6	18.5		14.6
2,146	1,777,446	Milwaukee-Waukesha-West Allis, WI	18.3	29.1	18.3	12.1	21.6	18.0	17.8	24.9	24.2	32.7	19.7	29.4	26.1	32.0	30.6	43.5	32.5
2,972	579,935	Madison, WI	22.0	41.2	24.9	11.1		17.1	17.3	23.2	20.3		15.6	19.9	21.1	20.6	29.0		19.6
1,936	334,410	Oshkosh-Neenah, WI	2.8	13.4	38.5	45.8		12.0	18.3	23.2	25.5		21.6	13.3	13.0	19.7	21.5		22.4
1,774	302,192	Janesville-Beloit, WI	1.5	30.3	30.5	36.4		15.3	18.6	20.6	23.2		18.9	31.8	22.7	16.6	17.1		21.5
3,301	254,980	Racine, WI		14.2	19.7	44.9	19.3		17.9	17.5	21.1	24.4	20.7		22.5	26.4	20.5	33.5	26.5
2,326	246,598	Green Bay, WI		32.3	28.3	36.6			17.1	19.6	22.5		22.5		23.6	25.5	23.2		22.4
1,435	244,987	Appleton, WI	3.7	70.4	13.3	12.0		15.7	19.7	27.5	25.7		21.6	18.9	17.6	15.4	27.9		22.1
3,883	189,745	Eau Claire, WI		0.6	39.8	60.7			6.5	23.3	23.8		23.4		33.3	20.1	28.8		22.7
3,972	176,995	La Crosse-Onalaska, WI-MN		37.3	2.1	43.4	13.7		19.0	16.0	24.7	27.4	20.1		9.0	1.7	12.6	10.5	7.2

4,583	161,911	Sheboygan, WI	5.7	23.4	28.2	44.2		16.9	11.3	18.4	28.9		23.4	11.1	25.5	17.2	21.8		20.3
4,122	157,735	Wausau, WI	0.1	9.9	42.0	44.5		28.6	17.4	20.6	24.4		26.4	0.0	14.3	13.5	20.2		13.0
4,973	138,626	Fond du Lac, WI	12.2	19.5	32.2	37.1		13.2	22.0	25.2	20.3		24.7	12.1	28.7	25.1	15.0		24.1
2,319	459,718	Huntington-Ashland, WV- KY-OH	1.4		0.2	41.0	53.8	17.9		19.1	17.5	22.2	20.6	27.9		25.4	19.3	19.2	16.0
3,845	249,894	Morgantown, WV	9.8		21.8	66.5	3.3	14.0		18.2	19.9	27.8	21.0	6.7		31.8	14.4	8.5	13.3
4,466	201,932	Charleston, WV	0.0	5.1	1.7	31.1	63.6	0.0	14.6	53.6	19.3	24.3	18.6		24.7	30.0	18.1	28.5	27.9
2,396	153,860	Beckley, WV	0.4	0.1	0.0	26.0	71.5	19.0	30.8	19.8	19.7	22.1	21.6	12.5	0.0	11.1	31.1	27.1	29.5
4,530	147,618	Parkersburg-Vienna, WV	10.3		22.8	34.7	32.1	16.4		15.5	17.8	17.5	14.1	16.4		22.0	24.0	17.8	18.5
1,720	137,635	Weirton-Steubenville, WV- OH	0.6		6.3	69.1	22.8	16.0		18.2	19.3	23.8	17.7	25.0		26.4	21.4	26.1	23.9
5,917	121,176	Wheeling, WV-OH	0.9	0.1	12.0	46.8	42.6	7.7	25.0	20.0	18.5	24.8	24.8	71.4	0.0	21.6	28.8	25.5	27.5
5,604	137,525	Casper, WY	0.3	59.3	37.1			0.0	16.9	21.0			19.3		8.5	8.2			9.8
4,581	134,466	Cheyenne, WY	42.0	40.7	0.0	10.6	6.7	16.8	21.8	0.0	16.8	25.5	17.8	10.8	12.5		8.0	10.9	8.9

## Standard Measures Methodologies

### Plan All-Cause Readmissions

<b>Description</b>
The 30-day readmission rate is a measure of the percentage of index discharges that result in a readmission to the hospital within 30 days.
<b>Numerator</b>
At least one acute unplanned readmission for any diagnosis within 30 days of the date of discharge from the Index Hospital Stay, that is on or between the second day of the measurement year and the end of the measurement year.
<b>Denominator</b>
Patients with a discharge from an acute inpatient stay (Index Hospital Stay) on or between January 1 and December 1 of the measurement year.
<b>Exclusions</b>
Patients under 18 years

### 30-Day ED Revisit Rate

<b>Description</b>
The ED revisit rate measures the percentage of emergency department (ED) visits that are followed by another ED visit within 30 days.
<b>Numerator</b>
Total number of all-cause ED visits discharged to home that occurred within 30 days of a prior ED visit discharged to home during the measurement period.
<b>Denominator</b>
Total number of all-cause ED visits discharged to home during the measurement period.
<b>Exclusions</b>
Patients under 18 years

## Alternative Measures Methodologies:

### Vizient Vulnerability Index (VVI)

#### ***Why we selected this measure***

The Vizient Vulnerability Index considers factors such as poverty, unemployment, low educational attainment, housing quality and access to transportation and healthcare. By analyzing these factors, the VVI helps identify at-risk communities that may face higher risks and challenges due to socio-economic disparities and structural inequalities. Integrating claims data with this index allows us to understand disease progression and cost of care models with a fairer and more equitable lens.

#### ***Description***

The Vizient Vulnerability Index is a quantification of neighborhood resources and obstacles to care based on public data including US Census American Community Survey, USDA Food Research Atlas, Housing and Urban Development Comprehensive Housing Affordability Strategy data, EPA Environmental Justice data, FBI violent crime statistics, HRSA provider shortages, and tuned to Life Expectancy at Birth at the census tract level. This has been summarized to the zip code level to summarizing the characteristics of a provider's catchment area in terms of overall vulnerability, as well as in nine domains: economic, education, health care access, neighborhood resources, housing, social resources, clean environment, transportation, and public safety.

#### ***Specifications***

The Vizient Vulnerability Index is a neighborhood index that provides context to our understanding of the effects of differential neighborhood resourcing. It applies to all zip codes in the United States. The data that comprises the Vizient Vulnerability Index includes public data from the American Community Survey 5-year summaries of 2016-2020, as well as USDA Food Access Research Atlas, HUD CHAS dataset of housing problems, EPA EJScreen data and Drinking Water Safety data, FCC Broadband speeds, FBI Uniform Crime Reporting supplemented by Gun Violence Archive data, HRSA provider shortage areas, CMS hospital location data, CDC Opioid dispensing data, NEPHTN park access data, AHRQ alcohol sales data, Opportunity Atlas incarceration data, NLCD tree cover data, and Harvard Dataverse voting participation data tested against 2015-2019 estimates of life expectancy from the USALEEP project.

#### ***Constructing the VVI***

The Vizient Vulnerability Index is built from nine domains: Economic, Education, Health Care Access, Neighborhood Resources, Housing, Clean Environment, Social Environment, Transportation, and Public Safety. Each domain is weighted according to the correlation between that domain and life expectancy in a small geographic area. Each domain is significant in some parts of the country. Outliers are left in the data with no truncation. Vizient Vulnerability Index scores are summarized in quintiles for this report.





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