

Assessing Access to Mental Health Care in Virginia Using a Secret Shopper Survey

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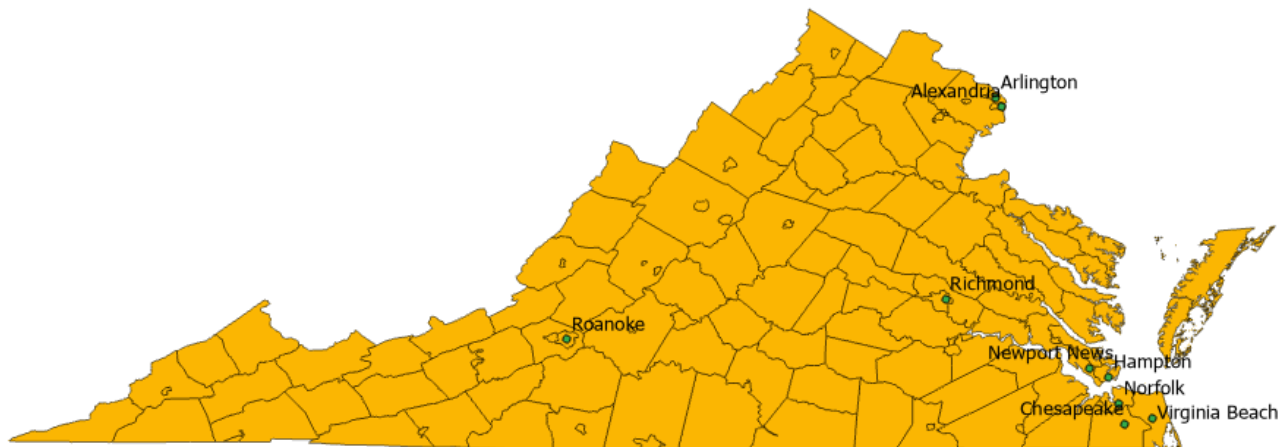
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Executive Summary

The vast majority of Americans receive their insurance coverage through managed care plans. Managed care arrangements like preferred provider organizations (PPOs) and health maintenance organizations (HMOs) offer consumers lower costs in return for accepting certain restrictions to their care including limitations on provider choice. Yet, many managed care patients struggle to access necessary care because of provider networks that may be inadequate as well as provider directories that may often be inaccurate.¹⁻⁹

To better understand the experiences of mental health consumers in Virginia, we fielded a secret shopper survey for 1,100 simulated patients focused on CareFirst BlueCross BlueShield and Anthem Blue Cross Blue Shield, the state's largest carriers in their respective service areas,¹⁰ from October 28, 2025, to December 26, 2025. Based on our survey, consumers experienced substantial challenges when navigating access to mental health care. For one, a large number of calls only reached answering machines or computerized systems. As a result, we were only able to verify provider information for 591 providers out of the 1,100 calls made. For these verified providers, about 1 in 5 calls led to an appointment with the original provider sought by the caller. Appointments with alternative providers slightly raised the success rate to 3 in 10. In addition to failing to reach an in-person representative to verify provider information and schedule appointments, contributors to the challenges in accessing care for callers were provider directory errors as well as provider capacity limitations. Overall, almost 60% of calls experienced inaccurate provider directory entries including errors related to contact information, provider specialty, or provider network status. In addition, 14% of calls experienced provider capacity issues such as providers unwilling or unable to accept new patients into their practice or not offering new appointments at the time of the call.

Lastly, while callers often struggled to obtain appointments, the selection of CareFirst BlueCross BlueShield and Anthem Blue Cross Blue Shield in general, and one of their standard PPO plans in particular, likely make our findings a conservative assessment of the access challenges mental health consumers experience in Virginia when enrolled with other carriers, plans, and networks.

Introduction

The vast majority of Americans receive their insurance coverage through managed care plans.¹¹ Managed care arrangements like preferred provider organizations (PPOs) and health maintenance organizations (HMOs) offer consumers lower costs for accepting certain restrictions to their care including limitations on provider choice. As such, consumers are highly incentivized to seek care solely from within their provider network.^{11, 12} Because of the

restrictions imposed by managed care arrangements, consumers and regulators have an interest in carriers establishing and maintaining provider networks that are adequate to serve consumer needs including, but not limited to, the number and types of providers, their geographic distribution, and potentially other characteristics so that beneficiaries can access appropriate medical care.³ The most obvious way for consumers to learn about their provider network is via provider directories.¹ Insurance carriers publish these consumer-facing provider directories both online and in print. Provider directories typically contain important information such as provider contact information and provider specialty.¹³ This information is then used by consumers to make choices about their health plan at the time of plan enrollment as well as to identify suitable providers when seeking care.

A growing literature has identified several problems with both network adequacy and provider directories.¹⁻⁹ These problems included diverse regulatory standards which often lack empirical grounding¹⁴ as well as a general lack of enforcement.^{15, 16} Concerns about inadequate provider networks are not new and received substantial attention during the initial managed care revolution.¹⁷ However, given the growth of managed care products as well as the narrowing of provider networks over time, concerns remain prominent today, particularly after the implementation of the Affordable Care Act.^{6, 18-27} As a result, regulators have employed various measures seeking to ensure adequate access to care.^{1, 14, 16, 28-32} However, empirical analyses of these measures have found consistent challenges for consumers.³³⁻³⁷

With regard to provider directories, analyses have identified substantial errors ranging from incorrect contact information to inaccurate in-network designations.¹⁻⁶ These errors are ubiquitous and have been found across specialties and markets.^{23, 24, 33, 36, 38-45} Errors in provider directories are more than mere nuisances and may contribute to delayed or forgone care³⁷, exacerbate health inequities,^{20, 37, 42} and compromise the effectiveness of existing network adequacy regulations.^{1, 3, 15, 46} Existing evidence suggests that access challenges are particularly prevalent for mental health patients.^{9, 35, 47}

In recent years, state and federal regulators have increasingly become aware of inaccuracies in provider directories as well as their detrimental effects on consumers.³⁷ In response, some regulators have imposed requirements upon carriers to increase directory accuracy, although these vary widely in their scope and content.^{16, 48-50} Despite the growing attention, high rates of inaccuracies persist nationwide, even in states with the most stringent regulatory standards.^{34-36, 41} At the federal level, the *No Surprises Act of 2021*, which went into effect in 2022, requires carriers to update and verify provider directories every 90 days at minimum, and to develop a protocol for removing providers that cannot be verified.^{16,}

⁵¹ While adequate enforcement has been identified as a substantial challenge, the effect of

state and federal regulations on improving provider directory inaccuracies remains underexplored.^{15, 16}

Data and Data Collection

To better understand the experiences of mental health consumers in Virginia, a secret shopper survey was fielded from October 28, 2025, to December 26, 2025. Based on data from KFF,¹⁰ we sought to identify the state's insurer with the largest market share as the subject of the survey. Because insurer served different areas of the state, we collected data for CareFirst BlueCross BlueShield and Anthem Blue Cross Blue Shield. Data were collected for two distinct specialties, general psychiatrists and general psychologists.

Data for the analyses were collected using a secret shopper survey developed to closely align with consumer experiences navigating provider networks that has been used extensively before.^{7-9, 52, 53} In each case, callers were assigned a variety of information about a simulated patient including, for example, a real home address, names for a simulated patient, and a standard PPO plan from CareFirst BlueCross BlueShield or Anthem Blue Cross Blue Shield. Callers were also assigned to one of five common, non-emergency medical conditions for each specialty for the simulated patient.

After assignment, callers searched for the medical provider of the assigned specialty closest to their home address in CareFirst BlueCross BlueShield's or Anthem Blue Cross Blue Shield's online provider directory. Callers then contacted the geographically closest provider at the number listed in the online provider directory and asked for the next available appointment. For practical reasons, callers acted on behalf of the simulated patient. During the call, callers sought to verify provider directory information including the accuracy of the providers' contact information, network status, and specialty. Because the callers presented on behalf of a simulated patient, phone calls were terminated once any inaccuracy was identified, as would be common for real consumers. As a result, the analyses below provide a conservative assessment of potential access challenges and inaccuracies.

Overall, data were collected for 1,100 simulated patients. Of these, 550 patients sought care from psychiatrists, and 550 patients sought care from psychologists. However, callers were not always able to connect with a representative to verify the data presented in the online provider directories. The primary reasons that limited verification were callers connecting only to an answering machine that did not make it clear whether the caller had reached the medical provider they sought care from or the inability to move beyond a computerized system to connect with an in-person representative. Moreover, for 142 calls, staffers at the medical office refused to provide any information to callers or only provided limited information. All data were collected in a secure, online data management system.

As noted above, we were able to assess data for a total of 591 simulated patients including 316 looking for psychiatrists and for 275 psychologists. To avoid congesting medical services, no actual appointments were scheduled.

To ensure representativeness of the analyses from a consumer perspective, calls were distributed across the state proportional to population at the county level.

Table 1: Distribution of simulated patients and phone calls, by specialty

	Simulated Patients	Simulated Patients with Verified Data
Psychiatry	550	316
Psychology	550	275
Overall	1,100	591

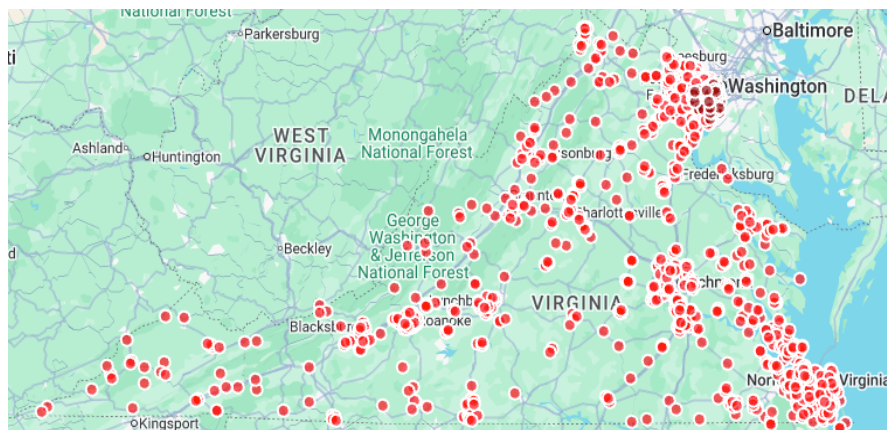


Figure 1: Home addresses for simulated patients⁵⁴

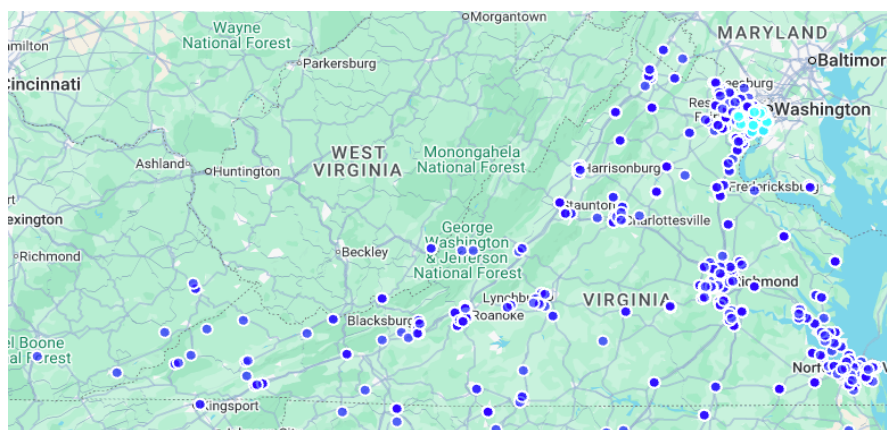


Figure 2: Addresses listed in online provider directories for mental health providers⁵⁵

Results

Successful Appointments

Appointments by Simulated Patients

In Virginia, callers were successful in scheduling appointments with the original medical provider identified in the online provider directory for 131 patients (out of the 591 with verified data; 22% of calls with verified data). The success rates were 27% for psychiatrists (N=86/316) and 16% for psychologists (N=45/275). However, in some cases, if unsuccessful in reaching the original provider identified in the online directory, callers were able to schedule appointments with alternate providers at the number called. This increased the success rate to 30% (N=176/591) including 34% for psychiatrists (N=106/316) and 25% for psychologists (N=70/275).

Table 2: Appointment success rates, by specialty

Specialty	Appointment with Original Provider	Appointment with Alternate Provider
Psychiatry	27%	34%
Psychology	16%	25%
Overall	22%	30%

Time to Appointments⁵⁶

For callers successful in scheduling appointments, the median wait time for appointments with the original provider was 11.0 days (mean 23.4 days). It was 14.0 days for psychiatrists (mean: 25.9 days) and 9 days for psychologists (mean: 18.5 days). However, some callers experienced wait times substantially beyond the median. For example, for 25% of appointments with psychiatrist the wait time exceeded 28.0 days and for 10% of appointments it exceeded 60.0 days. The respective excessive wait times for psychologists were 17.0 days for 25% of appointments and 32.0 days for 10% of appointments.

When alternate providers were included, median wait time amounted to 14.0 days for psychiatrists (mean: 26.2 days) and 8.0 days for psychologists (mean: 16.8 days). However, for 25% of the psychiatry appointments wait times exceeded 30.0 days and for 10% of appointments wait times exceeded 61.0 days. For psychology appointments, these respective wait times were 17.0 days and 32.0 days, respectively.

Table 3: Median time to appointment, by specialty

Specialty	Time to Appointment Original Provider	Time to Appointment Any Provider
Psychiatry	22.0 days (mean: 31.6)	20.0 days (mean: 27.1)
Psychology	7.5 days (mean: 13.3)	7.0 days (mean: 13.7)
Overall	15.0 days (mean: 22.8)	13.5 days (mean: 21.0)

Travel Time to Appointment⁵⁷

For appointments scheduled with the original provider callers sought to contact, the median travel time amounted to 9.0 minutes (mean: 12.1 minutes) or 3.6 miles (mean: 6.7 miles).

For psychiatry appointments, median travel time was 8.4 minutes (mean: 10.9 minutes) or 3.5 miles (mean: 5.8 miles). A subset of callers experienced travel times in excess of the median. This included 25% of callers who had to travel more than 13.2 minutes (6.9 miles) and 10% of callers who had to travel more than 22.2 minutes (14.1 miles).

For psychologists, median travel time was 10.2 minutes (mean: 14.4 minutes) with a median travel distance of 4.1 miles (mean: 8.3 miles). In 25% of cases, callers had to travel 22.2 minutes (13.6 miles) and in 10% of cases they had to travel more than 33.6 minutes (23.6 miles). For alternate providers, travel times and distances were similar.

Table 4: Median travel to appointment, by specialty

Specialty	Original Provider		Any Provider	
	Travel Time	Travel Distance	Travel Time	Travel Distance
Psychiatry	8.4 minutes (mean: 10.9)	3.5 miles (mean: 5.8)	8.4 minutes (mean: 11.0)	3.6 miles (mean: 5.9)
Psychology	10.2 minutes (mean: 14.4)	4.1 miles (mean: 8.3)	10.2 minutes (mean: 13.4)	4.0 miles (mean: 7.3)
Overall	9.0 minutes (mean: 12.1)	3.6 miles (mean: 6.7)	9.0 minutes (mean: 11.9)	3.8 miles (mean: 6.5)

Challenges Encountered by Patients

Simulated patients experienced a number of problems when seeking to secure appointments. As noted above, in many cases, callers only reached an answering machine or experienced medical office staff unwilling to provide any information, making further assessment of these providers impossible in terms of the accuracy of provider directory information or ability to secure an appointment.

Provider Directory Inaccuracies

Beyond these limitations, the most common problems experienced by callers were inaccuracies present in provider directories. Overall, callers experienced at least one problem in 57% of calls (N=335/591) including for 61% of calls to psychiatrists (N=192/316) and for 52% of calls to psychologists (N=143/275). The most common problem encountered by callers were related to inaccurate contact information (N=164/591, 28%). This was the cases for 28% of calls to psychiatrists (N=90/316) and for 27% of calls to psychologists (N=74/275). Moreover, provider specialties were listed incorrectly in 18% of cases (N=105/591) including for 20% of calls to psychiatrists (N=63/316) and for 15% of calls to psychologists (N=42/275). Network status was inaccurately listed in only 3% of cases overall (N=15/591) including for 3% of calls to psychiatrists (N=9/316) and for 2% of calls to psychologists (N=6/275). Various other problems encountered by callers accounted for 9% of errors (N=51/591). For psychiatrists, this type of error occurred in 9% of cases (N=30/316) and in 8% of cases for psychologists (N=21/275). Lastly, it is worth noting that problems with provider contact information suppressed the other problems we identified because callers

identify these types of problems chronologically first as calls may have been either unable to connect or were terminated by callers.

Table 5: Appointment success, by specialty

Specialty	Overall Errors	Inaccurate Contact Information	Inaccurate Specialty	Inaccurate Network Status	Other Problems
Psychiatry	61%	28%	20%	3%	9%
Psychology	52%	27%	15%	2%	8%
Overall	57%	28%	18%	3%	9%

Capacity Problems

Lastly, callers encountered severe provider capacity limitations where providers did not accept new patients into their practices as well as cases where providers did not schedule any new appointments in 14% of all calls (N=81/591). For psychiatrists, capacity issues affected 12% of patients (N=38/316); for psychologists they affected 16% of patients (N=43/275).

Table 6: Appointment success, by specialty

Specialty	Capacity Issues
Psychiatry	12%
Psychology	16%
Overall	14%

Discussion

Overall, the findings from the data analyzed here indicate that both inaccurate provider directories as well as inadequate provider networks are important contributors to the access challenges mental health consumers experience in Virginia. The access challenges identified via the secret shopper survey may make it difficult for many consumers to navigate the health care system, resulting in delayed or forgone access to care, seeking inappropriate levels of care, and increased likelihood of out-of-pocket costs.⁴⁸ In addition, if consumers enroll into plans based on faulty information, inaccuracies may also prevent consumers from selecting plans that fit their needs and accessing their preferred providers, with potential implications for continuity of care, as well. Ultimately, the findings may indicate that current approaches to network adequacy regulation and enforcement as well as maintenance of accurate provider directories may not fully protect consumers from experiencing delays and barriers to care. It is also worth noting that the selection of CareFirst BlueCross BlueShield and Anthem Blue Cross Blue Shield in general, and one of their standard PPO plans in particular, likely serves as a conservative assessment of the access challenges mental health consumer experiences in New Jersey. Put differently, consumers of other, more restrictive plans with narrower networks may face substantially larger restrictions when seeking mental health care.

References

1. Haeder SF, Weimer DL, Mukamel DB. A Knotty Problem: Consumer Access and the Regulation of Provider Networks. *J Health Polit Policy Law*. 2019;44(6):937–54.
2. Haeder SF. Inadequate in the Best of Times: Reevaluating Provider Networks in Light of the Coronavirus Pandemic. *World Med Health Policy*. 2020;12(3):282–90.
3. Haeder SF, Xu WY. When is a Network Adequate? Consumer Perspectives on Network Adequacy Definitions. *American Journal of Managed Care*. 2024;30(9):400–8.
4. Haeder SF, Weimer DL, Mukamel DB. Health Affairs Blog [Internet]: Health Affairs 2019. Available from: <https://www.healthaffairs.org/doi/10.1377/hblog20190603.704918/full/>.
5. Haeder SF, Weimer DL, Mukamel DB. Network Adequacy Standards and Health Insurance. *JAMA: Journal of the American Medical Association*. 2015;314(22):2414–5.
6. Haeder SF, Weimer DL, Mukamel DB. Narrow Networks and the Affordable Care Act. *JAMA*. 2015;314(7):669–70.
7. Haeder SF, Zhu JM. Inaccuracies in Provider Directories Persist for Long Periods of Time. *Health Affairs Scholar*. 2024;2(6):qxae079.
8. Haeder SF, Zhu JM. Persistence of Provider Directory Inaccuracies After the No Surprises Act *American Journal of Managed Care*. 2024;30(11):294–8.
9. Haeder SF, Zhu JM. ACA Network Regulatory Filings Are Inaccurate, Poorly Match Provider Directories. *American Journal of Managed Care*. 2025;31(9):294–8.
10. KFF. Market Share and Enrollment of Largest Three Insurers – Large Group Market. San Francisco, CA: KFF; 2025.
11. Kaiser Family Foundation. 2022 Employer Health Benefits Survey. San Francisco, CA: Kaiser Family Foundation; 2022.
12. HealthCare.gov. How to Pick a Health Insurance Plan. Baltimore, MD: Centers for Medicare & Medicaid Services; 2025.
13. Xu WY, Raver E, Elton TI, Davis M, Haeder SF. Disconnections Between Provider Network Directories and Patient Preferences. *American Journal of Managed Care*. 2024.
14. Haeder SF, Weimer DL, Mukamel DB. Mixed Signals: The Inadequacy of Provider-per-Enrollee Ratios for Assessing Network Adequacy in California (and Elsewhere). *World Med Health Policy*. 2023;15(3):258–72.
15. Burman A, Haeder SF. Without A Dedicated Enforcement Mechanism, New Federal Protections Are Unlikely To Improve Provider Directory Accuracy. *Health Affairs Forefront*. 2021.
16. Haeder SF, Xu WY, Elton TI, Pitcher A. State Efforts to Regulate Provider Networks and Directories: Lessons for the Future. *J Health Polit Policy Law*. 2023.
17. White J. Choice, Trust, and Two Models of Quality. *J Health Polit Policy Law*. 1999;24(5):993–9.
18. Feyman Y, Figueroa JF, Polsky DE, Adelberg M, Frakt A. Primary Care Physician Networks in Medicare Advantage. *Health Aff (Milwood)*. 2019;38(4):537–44.
19. Jacobson G, Rae M, Neuman T, Orgera K, Boccuti C. Medicare Advantage: How Robust Are Plans' Physician Networks? Menlo Park, CA: Kaiser Family Foundation; 2017.
20. Brown EJ, Polsky D, Barbu CM, Seymour JW, Grande D. Racial Disparities In Geographic Access To Primary Care In Philadelphia. *Health Aff (Milwood)*. 2016;35(8):1374–81.
21. Polsky D, Cidav Z, Swanson A. Marketplace Plans With Narrow Physician Networks Feature Lower Monthly Premiums Than Plans With Larger Networks. *Health Aff (Milwood)*. 2016;35(10):1842–8.

22. Haeder SF, Weimer DL, Mukamel DB. California Hospital Networks Are Narrower In Marketplace Than In Commercial Plans, But Access And Quality Are Similar. *Health Aff (Milwood)*. 2015;34(5):741–8.
23. Haeder SF. Quality Regulation? Access to High-Quality Specialists for Medicare Advantage Beneficiaries in California. *Health Serv Res Manag Epidemiol*. 2019;6.
24. Haeder SF. A Tale of Two Programs: Access to High Quality Providers for Medicare Advantage and Affordable Care Act Beneficiaries in New York State. *World Med Health Policy*. 2019;11(3):212–30.
25. Jacobson G, Freed M, Damico A, Neuman T. A Dozen Facts About Medicare Advantage in 2019. San Francisco, CA: Kaiser Family Foundation; 2019.
26. Corlette S, Giovannelli J, Lucia K. Implementing the Affordable Care Act: State Regulation of Marketplace Plan Provider Networks. Washington, D.C.: The Commonwealth Fund; 2015.
27. Polsky D, Weiner J. The Skinny on Narrow Networks in Health Insurance Marketplace Plans. Philadelphia, PA: Leonard Davis Institute of Health Economics 2015.
28. Hall MA, Brandt C. Health Affairs Blog [Internet]: Health Affairs. 2017 September 14. [cited 2017].
29. U.S. Government Accountability Office. Medicare Advantage: Actions Needed to Enhance CMS Oversight of Provider Network Adequacy. Washington, DC: U.S. Government Accountability Office; 2015.
30. Lipson DJ, Libersky J, Bradley K, Lewis C, Siegwarth AW, Lester R. Promoting Access in Medicaid and CHIP Managed Care:A Toolkit for Ensuring Provider Network Adequacy and Service Availability. Baltimore, MD: Division of Managed Care Plans, Center for Medicaid and CHIP Services, CMS, U.S. Department of Health and Human Services; 2017.
31. Jones SB, Lewin ME, editors. Improving the Medicare Market: Adding Choice and Protections. Washington, DC: National Academy Press; 1996.
32. Rosenbaum S, Shin P, Smith B, Wehr E, Borzi P, Zakheim MH, et al. Negotiating the New Health System: A Nationwide Study of Medicaid Managed Care Contracts. Washington DC: George Washington University, Center for Health Policy Research; 1997.
33. Burman A, Haeder SF. Directory Accuracy and Timely Access to in Maryland’s Medicaid Managed Care Program. *Journal of Health Care for the Poor and Underserved* 2022;33(2):597–611.
34. Burman A, Haeder SF. Provider Directory Accuracy and Timely Access to Mammograms in California. *Women & Health*. 2022;62(5):421–9.
35. Burman A, Haeder SF, Xu WY. Provider Directory Inaccuracy and Timely Access for Mental Health Care. *American Journal of Managed Care*. 2023;29(2):96–102.
36. Haeder SF, Burman A. Potemkin Protections: Assessing Provider Directory Accuracy and Timely Access for Four Specialties in California. *J Health Polit Policy Law*. 2022;47(3):319–49.
37. Haeder SF, Xu WY. Consumer Experiences Navigating Health Care Provider Directories and Support of Federal Policy Action. *World Med Health Policy*. 2024;16:577–99.
38. Haeder SF, Weimer DL, Mukamel DB. Secret Shoppers Find Access To Providers And Network Accuracy Lacking For Those In Marketplace And Commercial Plans. *Health Aff (Milwood)*. 2016;35(7):1160–6.
39. Tipirneni R, Rhodes KV, Hayward RA, Lichtenstein RL, Choi H, Reamer EN, et al. Primary Care Appointment Availability and Nonphysician Providers One Year After Medicaid Expansion. *American Journal of Managed Care*. 2016;22(6):427–31.
40. Melnikow J, Evans E, Xing G, Durbin S, Ritley D, Daniels B, et al. Primary Care Access to New Patient Appointments for California Medicaid Enrollees: A Simulated Patient Study. *Annals of Family Medicine*. 2020;18(3):210–7.

41. Elton TI, Xu WY, Haeder SF. Provider Directory Inaccuracy and Timely Access to Physical Therapy. *World Med Health Policy*. 2024;16(3):447–59.
42. Blumenberg E, Agrawal AW. Getting Around When You’re Just Getting By: Transportation Survival Strategies of the Poor. *J Poverty*. 2014;18:355–78.
43. Zhu JM, Charlesworth CJ, Polsky D, McConnell KJ. Phantom Networks: Discrepancies Between Reported And Realized Mental Health Care Access In Oregon Medicaid. *Health Aff (Milwood)*. 2022;41(7):1013–22.
44. Haeder SF. Quality Advantage? Provider Quality and Networks in Medicare Advantage. *Journal of Public and Nonprofit Affairs*. 2020;6(2):138–58.
45. Haeder SF, Weimer DL, Mukamel DB. Going the Extra Mile? How Provider Network Design Increases Consumer Travel Distance, Particularly for Rural Consumers. *J Health Polit Policy Law*. 2020;45(6):1107–36.
46. Haeder SF, Weimer DL, Mukamel DB. A Consumer-Centric Approach to Network Adequacy: Access to Four Specialties in California’s Marketplace. *Health Aff (Milwood)*. 2019;38(11):1918–26.
47. Zhu JM, Huntington A, Haeder SF, Wolk C, McConnell J. Insurance Acceptance and Cash Pay Rates for Psychotherapy in the U.S. *Health Affairs Scholar*. 2024;2(9):qxae110.
48. Busch SH, Kyanko KA. Incorrect Provider Directories Associated With Out-Of-Network Mental Health Care And Outpatient Surprise Bills. *Health Aff (Milwood)*. 2020;39(6):975–83.
49. Giovannelli J, Lucia K, Corlette S. Regulation of Health Plan Provider Networks. Bethesda, MD: Health Affairs; 2016.
50. Wishner JB, Marks J. Ensuring Compliance with Network Adequacy Standards: Lessons from Four States. Washington, DC: Urban Institute; 2017.
51. No Surprises Act of the 2021 Consolidated Appropriations Act, Pub. L. No. 116-260 Stat. 34 Stat. 1182 (2021).
52. Aggarwal A, Ramirez-Guillen Y, Haeder SF. Secret Shopper Survey Indicates That Veterinarians Are Split on How to Respond to Vaccine-Hesitant Dog Owners. *American Journal of Veterinary Research* 2025.
53. Aggarwal A, Ramirez-Guillen Y, Haeder SF. Secret Shopper Survey Reveals Generally Reasonable Access To Preventive Veterinary Appointments For Dogs, With Notable Gaps In Rural Areas And For Other Outliers. *Journal of the American Veterinary Medical Association*. 2026;264(1):65–72.
54. Simulated patients assigned to Anthem Blue Cross and Blue Shield Virginia are marked in light red. Simulated patients assigned to CareFirst BlueCross BlueShield are marked in dark red.
55. Providers contacted by simulated patients assigned to Anthem Blue Cross and Blue Shield Virginia are marked in dark blue. Providers contacted by simulated patients assigned to CareFirst BlueCross BlueShield are marked in light blue.
56. In a small number of cases, callers were able to verify that an appointment was available. However, staffers would not provide an exact date for the appointment. Hence, we were not able to assess wait times for all potential appointments.
57. In a small number of cases, we were unable to assess travel distance because no address was listed in the provider directory or because of data entry errors. Hence, we were not able to assess travel time and distance for all potential appointments.

Citation Suggestion

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