

# Comparative Health System Performance Initiative

## Bibliography

### Journal Articles

Agniel D, Haviland A, Shekelle P, Scherling A, Damberg CL. Distinguishing High-Performing Health Systems Using a Composite of Publicly Reported Measures of Ambulatory Care. *Ann Intern Med.* 2020;173(10):791-98. doi: [10.7326/m20-0718](https://doi.org/10.7326/m20-0718).

Ahluwalia SC, Damberg CL, Haas A, Shekelle PG. How Are Medical Groups Identified as High-Performing? The Effect of Different Approaches to Classification of Performance. *BMC Health Serv Res.* 2019;19(1):500-00. doi: [10.1186/s12913-019-4293-9](https://doi.org/10.1186/s12913-019-4293-9).

Ahluwalia SC, Damberg CL, Silverman M, Motala A, Shekelle PG. What Defines a High-Performing Health Care Delivery System: A Systematic Review. *Jt Comm J Qual Patient Saf.* 2017;43(9):450-59. doi: [10.1016/j.jcjq.2017.03.010](https://doi.org/10.1016/j.jcjq.2017.03.010).

Ahluwalia SC, Harris BJ, Lewis VA, Colla CH. End-of-Life Care Planning in Accountable Care Organizations: Associations With Organizational Characteristics and Capabilities. *Health Serv Res.* 2018;53(3):1662-81. doi: [10.1111/1475-6773.12720](https://doi.org/10.1111/1475-6773.12720).

Barr PJ, Bonasia K, Verma K, Dannenberg MD, Yi C, Andrews E, Palm M, Cavanaugh KL, Masel M, Durand MA. Audio-/Videorecording Clinic Visits for Patient's Personal Use in the United States: Cross-Sectional Survey. *J Med Internet Res.* 2018;20(9):e11308-e08. doi: [10.2196/11308](https://doi.org/10.2196/11308).

Beaulieu ND, Dafny LS, Landon BE, Dalton JB, Kuye I, McWilliams JM. Changes in Quality of Care After Hospital Mergers and Acquisitions. *N Engl J Med.* 2020;382(1):51-59. doi: [10.1056/NEJMs1901383](https://doi.org/10.1056/NEJMs1901383).

Behr CL, Joynt Maddox KE, Meara E, Epstein AM, Orav EJ, Barnett ML. Anti-SARS-CoV-2 Monoclonal Antibody Distribution to High-Risk Medicare Beneficiaries, 2020-2021. *JAMA.* 2022. doi: [10.1001/jama.2022.1243](https://doi.org/10.1001/jama.2022.1243).

Beidler LB, Razon N, Lang H, Frazee TA-O. "More Than Just Giving Them a Piece of Paper": Interviews with Primary Care on Social Needs Referrals to Community-Based Organizations. *J Gen Intern Med.* 2022(1525-1497 (Electronic)). doi: [10.1007/s11606-022-07531-3](https://doi.org/10.1007/s11606-022-07531-3).

Blumenthal D. Making Integration Work. *Health Serv Res.* 2020;55(Suppl 3):1031-32. doi: [10.1111/1475-6773.13575](https://doi.org/10.1111/1475-6773.13575).



Brewster AL, Frazee TK, Gottlieb LM, Frehn J, Murray GF, Lewis VA. The Role of Value-Based Payment in Promoting Innovation To Address Social Risks: A Cross-Sectional Study of Social Risk Screening by U.S. Physicians. *Milbank Q*. 2020;98(4):1114-33. doi: [10.1111/1468-0009.12480](https://doi.org/10.1111/1468-0009.12480).

Briggs ADM, Alderwick H, Fisher ES. Overcoming Challenges to U.S. Payment Reform: Could a Place-Based Approach Help? *JAMA*. 2018;319(15):1545-46. doi: [10.1001/jama.2018.1542](https://doi.org/10.1001/jama.2018.1542).

Briggs ADM, Frazee TK, Glick AL, Beidler LB, Shortell SM, Fisher ES. How Do Accountable Care Organizations Deliver Preventive Care Services? A Mixed-Methods Study. *J Gen Intern Med*. 2019;34(11):2451-59. doi: [10.1007/s11606-019-05271-5](https://doi.org/10.1007/s11606-019-05271-5).

Bui LN, Marshall C, Miller-Rosales C, Rodriguez HP. Hospital Adoption of Electronic Decision Support Tools for Preeclampsia Management. *Qual Manag Health Care*. 2021;10.1097/QMH.0000000000000328. doi: [10.1097/QMH.0000000000000328](https://doi.org/10.1097/QMH.0000000000000328).

Chelen JSC, White DB, Zaza S, Perry AN, Feifer DS, Crawford ML, Barnato AE. U.S. Ventilator Allocation and Patient Triage Policies in Anticipation of the Covid-19 Surge. *Health Secur*. 2021;19(5):459-67. doi: [10.1089/hs.2020.0166](https://doi.org/10.1089/hs.2020.0166).

Chen G, Lewis VA, Gottlieb D, O'Malley AJ. Estimating Heterogeneous Effects of a Policy Intervention across Organizations When Organization Affiliation Is Missing for the Control Group: Application to the Evaluation of Accountable Care Organizations. *Health Serv Outcomes Res Methodol*. 2021;21(1):54-68. doi: [10.1007/s10742-020-00230-8](https://doi.org/10.1007/s10742-020-00230-8).

Chernew ME, He H, Mintz H, Beaulieu N. Public Payment Rates for Hospitals and the Potential for Consolidation-Induced Cost Shifting. *Health Aff*. 2021;40(8):1277-85. doi: [10.1377/hlthaff.2021.00201](https://doi.org/10.1377/hlthaff.2021.00201).

Chien AT, Leyenaar J, Tomaino M, Woloshin S, Leininger L, Barnett ER, McLaren JL, Meara E. Difficulty Obtaining Behavioral Health Services for Children: A National Survey of Multiphysician Practices. *Ann Fam Med*. 2022;20(1):42-50. doi: [10.1370/afm.2759](https://doi.org/10.1370/afm.2759).

Chien AT, Pandey A, Lu S, Bucholz EM, Toomey SL, Cutler DM, Beaulieu ND. Pediatric Hospital Services Within a One-Hour Drive: A National Study. *Pediatrics*. 2020;146(5). doi: [10.1542/peds.2020-1724](https://doi.org/10.1542/peds.2020-1724).

Cohen GR, Jones DJ, Heeringa J, Barrett K, Furukawa MF, Miller D, Mutti A, Reschovsky JD, Machta R, Shortell SM, Frazee T, Rich E. Leveraging Diverse Data Sources To Identify and Describe U.S. Health Care Delivery Systems. *eGEMS*. 2017;5(3):9-9. doi: [10.5334/egems.200](https://doi.org/10.5334/egems.200).

Colla C, Yang W, Mainor AJ, Meara E, Ouayogode MH, Lewis VA, Shortell S, Fisher E. Organizational Integration, Practice Capabilities, and Outcomes in Clinically Complex Medicare Beneficiaries. *Health Serv Res*. 2020;55(Suppl 3):1085-97. doi: [10.1111/1475-6773.13580](https://doi.org/10.1111/1475-6773.13580).

Colla CH, Fisher ES. Moving Forward With Accountable Care Organizations: Some Answers, More Questions. *JAMA Internal Medicine*. 2017;177(4):527-28. doi: [10.1001/jamainternmed.2016.9122](https://doi.org/10.1001/jamainternmed.2016.9122).

Colla CH, Lewis VA, Bergquist SL, Shortell SM. Accountability across the Continuum: The Participation of Postacute Care Providers in Accountable Care Organizations. *Health Serv Res*. 2016;51(4):1595-611. doi: [10.1111/1475-6773.12442](https://doi.org/10.1111/1475-6773.12442).

Colla CH, Lewis VA, Kao L-S, O'Malley AJ, Chang C-H, Fisher ES. Association Between Medicare Accountable Care Organization Implementation and Spending Among Clinically Vulnerable Beneficiaries. *JAMA Internal Medicine*. 2016;176(8):1167-75. doi: [10.1001/jamainternmed.2016.2827](https://doi.org/10.1001/jamainternmed.2016.2827).

Comfort LN, Shortell SM, Rodriguez HP, Colla CH. Medicare Accountable Care Organizations of Diverse Structures Achieve Comparable Quality and Cost Performance. *Health Serv Res*. 2018;53(4):2303-23. doi: [10.1111/1475-6773.12829](https://doi.org/10.1111/1475-6773.12829).

Cutler D, Glaeser E. When Innovation Goes Wrong: Technological Regress and the Opioid Epidemic. *J Econ Perspect*. 2021;35(4):171-96. doi: [10.1257/jep.35.4.171](https://doi.org/10.1257/jep.35.4.171).

Damberg CL, Silverman M, Burgette L, Vaiana ME, Ridgely MS. Are Value-Based Incentives Driving Behavior Change To Improve Value? *Am J Manag Care*. 2019;25(2):e26-e32. PMID: [30763040](https://pubmed.ncbi.nlm.nih.gov/30763040/).

Damberg CL, Tom A, Reid RO. Physician organizations' use of behavioral nudges to influence physician behavior. *Am J Man Care*. 2022;28(9):473-76. doi: [10.37765/ajmc.2022.89223](https://doi.org/10.37765/ajmc.2022.89223).

Desai S, McWilliams JM. Consequences of the 340b Drug Pricing Program. *N Engl J Med*. 2018;378(6):539-48. doi: [10.1056/NEJMs1706475](https://doi.org/10.1056/NEJMs1706475).

Desai SM, McWilliams JM. 340b Drug Pricing Program and Hospital Provision of Uncompensated Care. *Am J Manag Care*. 2021;27(10):432-37. doi: [10.37765/ajmc.2021.88761](https://doi.org/10.37765/ajmc.2021.88761).

Diaz-Perez MdJ, Hanover R, Sites E, Rupp D, Courtemanche J, Levi E. Producing Comparable Cost and Quality Results From All-Payer Claims Databases. *Am J Manag Care*. 2019;25(5):e138-e44. PMID: [31120710](https://pubmed.ncbi.nlm.nih.gov/31120710/).

Doherty JR, A S, Goodman DC. Texas Hospital's Perspectives About NICU Performance Measures: A Mixed-Methods Study. *Qual Manag Health Care*. 2022(1550-5154 (Electronic)). doi: [10.1097/QMH.0000000000000347](https://doi.org/10.1097/QMH.0000000000000347).

Enzinger AC, Ghosh K, Keating NL, Cutler DM, Landrum MB, Wright AA. U.S. Trends in Opioid Access Among Patients With Poor Prognosis Cancer near the End-of-Life. *J Clin Oncol*. 2021;39(26):2948-58. doi: [10.1200/JCO.21.00476](https://doi.org/10.1200/JCO.21.00476).

Fischer SH, Rudin RS, Shi Y, Shekelle P, Amill-Rosario A, Scanlon D, Damberg CL. Trends in the Use of Computerized Physician Order Entry by Health-System Affiliated Ambulatory Clinics in the United States, 2014-2016. *BMC Health Serv Res.* 2020;20(1):836-36. doi: [10.1186/s12913-020-05679-4](https://doi.org/10.1186/s12913-020-05679-4).

Fisher ES, Shortell SM, O'Malley AJ, Frazee TK, Wood A, Palm M, Colla CH, Rosenthal MB, Rodriguez HP, Lewis VA, Woloshin S, Shah N, Meara E. Financial Integration's Impact on Care Delivery and Payment Reforms: A Survey of Hospitals and Physician Practices. *Health Aff.* 2020;39(8):1302-11. doi: [10.1377/hlthaff.2019.01813](https://doi.org/10.1377/hlthaff.2019.01813).

Fisher ES, Shortell SM, Savitz LA. Implementation Science: A Potential Catalyst for Delivery System Reform. *JAMA.* 2016;315(4):339-40. doi: [10.1001/jama.2015.17949](https://doi.org/10.1001/jama.2015.17949).

Fowler AC, Grabowski DC, Gambrel RJ, Huskamp HA, Stevenson DG. Corporate Investors Increased Common Ownership in Hospitals and the Postacute Care and Hospice Sectors. *Health Aff.* 2017;36(9):1547-55. doi: [10.1377/hlthaff.2017.0591](https://doi.org/10.1377/hlthaff.2017.0591).

Frazee TK, Beidler LB, Briggs ADM, Colla CH. 'Eyes in the Home': ACOs Use Home Visits To Improve Care Management, Identify Needs, and Reduce Hospital Use. *Health Aff.* 2019;38(6):1021-27. doi: [10.1377/hlthaff.2019.00003](https://doi.org/10.1377/hlthaff.2019.00003).

Frazee TK, Beidler LB, Briggs ADM, Colla CH. Translating Evidence into Practice: ACOs' Use of Care Plans for Patients With Complex Health Needs. *J Gen Intern Med.* 2021;36(1):147-53. doi: [10.1007/s11606-020-06122-4](https://doi.org/10.1007/s11606-020-06122-4).

Frazee TK, Beidler LB, De Marchis EH, Gottlieb LM, Potter MB. "Beyond Just a Supplement": Administrators' Visions for the Future of Virtual Primary Care Services. *Journal of the American Board of Family Medicine.* 2022;35(3):527-36. doi: <https://doi.org/10.3122/jabfm.2022.03.210479>.

Frazee TK, Beidler LB, Fichtenberg C, Brewster AL, Gottlieb LM. Resource Brokering: Efforts To Assist Patients With Housing, Transportation, and Economic Needs in Primary Care Settings. *Ann Fam Med.* 2021;19(6):507-14. doi: [10.1370/afm.2739](https://doi.org/10.1370/afm.2739).

Frazee TK, Beidler LB, Gottlieb LM. A Missed Opportunity? How Health Care Organizations Engage Primary Care Clinicians in Formal Social Care Efforts. *Popul Health Manag.* 2022;25(1942-7905 (Electronic)). doi: [10.1089/pop.2021.0306](https://doi.org/10.1089/pop.2021.0306).

Frazee TK, Brewster AL, Lewis VA, Beidler LB, Murray GF, Colla CH. Prevalence of Screening for Food Insecurity, Housing Instability, Utility Needs, Transportation Needs, and Interpersonal Violence by U.S. Physician Practices and Hospitals. *JAMA Network Open.* 2019;2(9):e1911514-e14. doi: [10.1001/jamanetworkopen.2019.11514](https://doi.org/10.1001/jamanetworkopen.2019.11514).

Fraze TK, Briggs ADM, Whitcomb EK, Peck KA, Meara E. Role of Nurse Practitioners in Caring for Patients With Complex Health Needs. *Med Care*. 2020;58(10):853-60. doi: [10.1097/MLR.0000000000001364](https://doi.org/10.1097/MLR.0000000000001364).

Fraze TK, Fisher ES, Tomaino MR, Peck KA, Meara E. Comparison of Populations Served in Hospital Service Areas With and Without Comprehensive Primary Care Plus Medical Homes. *JAMA Network Open*. 2018;1(5):e182169-e69. doi: [10.1001/jamanetworkopen.2018.2169](https://doi.org/10.1001/jamanetworkopen.2018.2169).

Fraze TK, Lewis VA, Tierney E, Colla CH. Quality of Care Improves for Patients With Diabetes in Medicare Shared Savings Accountable Care Organizations: Organizational Characteristics Associated With Performance. *Popul Health Manag*. 2018;21(5):401-08. doi: [10.1089/pop.2017.0102](https://doi.org/10.1089/pop.2017.0102).

Fraze TA-O, Lewis VA, Wood A, Newton H, Colla CH. Configuration and Delivery of Primary Care in Rural and Urban Settings. *J Gen Intern Med*. 2022(1525-1497 (Electronic)). doi: [10.1007/s11606-022-07472-x](https://doi.org/10.1007/s11606-022-07472-x).

Frehn JL, Brewster AL, Shortell SM, Rodriguez HP. Comparing Health Care System and Physician Practice Influences on Social Risk Screening. *Health Care Manage Rev*. 2021;47(1):E1-E10. doi: [10.1097/hmr.0000000000000309](https://doi.org/10.1097/hmr.0000000000000309).

Furukawa MF, Kimmey L, Jones DJ, Machta RM, Guo J, Rich EC. Consolidation of Providers into Health Systems Increased Substantially, 2016–18. *Health Aff*. 2020;39(8):1321-25. doi: [10.1377/hlthaff.2020.00017](https://doi.org/10.1377/hlthaff.2020.00017).

Furukawa MF, Machta RM, Barrett KA, Jones DJ, Shortell SM, Scanlon DP, et al. Landscape of Health Systems in the United States. *Med Care Res Rev*. 2020;77(4):357-66. doi: [10.1177/1077558718823130](https://doi.org/10.1177/1077558718823130).

Ganguli I, Morden NE, Yang C-WW, Crawford M, Colla CH. Low-Value Care at the Actionable Level of Individual Health Systems. *JAMA Internal Medicine*. 2021;181(11):1490-500. doi: [10.1001/jamainternmed.2021.5531](https://doi.org/10.1001/jamainternmed.2021.5531).

Geng F, Mansouri S, Stevenson DG, Grabowski DC. Evolution of the Home Health Care Market: The Expansion and Quality Performance of Multi-Agency Chains. *Health Serv Res*. 2020;55(Suppl 3):1073-84. doi: [10.1111/1475-6773.13597](https://doi.org/10.1111/1475-6773.13597).

Harvey JB, Vanderbrink J, Mahmud Y, Kitt-Lewis E, Wolf L, Shaw B, Ridgely MS, Damberg CL, Scanlon DP. Understanding How Health Systems Facilitate Primary Care Redesign. *Health Serv Res*. 2020;55(Suppl 3):1144-54. doi: [10.1111/1475-6773.13576](https://doi.org/10.1111/1475-6773.13576).

Haverkamp MH, Peiris D, Mainor AJ, Westert GP, Rosenthal MB, Sequist TD, Colla CH. ACOs With Risk-Bearing Experience Are Likely Taking Steps To Reduce Low-Value Medical Services. *Am J Manag Care*. 2018;24(7):e216-e21. PMID: [30020757](https://pubmed.ncbi.nlm.nih.gov/30020757/).

Heeringa J, Mutti A, Furukawa MF, Lechner A, Maurer KA, Rich E. Horizontal and Vertical Integration of Health Care Providers: A Framework for Understanding Various Provider Organizational Structures. *Int J Integr Care*. 2020;20(1):2-2. doi: [10.5334/ijic.4635](https://doi.org/10.5334/ijic.4635).

Huber TP, Rodriguez HP, Shortell SM. The Influence of Leadership Facilitation on Relational Coordination Among Primary Care Team Members of Accountable Care Organizations. *Health Care Manage Rev*. 2020;45(4):302-10. doi: [10.1097/HMR.0000000000000241](https://doi.org/10.1097/HMR.0000000000000241).

Hurley VB, Rodriguez HP, Kearing S, Wang Y, Leung MD, Shortell SM. The Impact of Decision Aids on Adults Considering Hip or Knee Surgery. *Health Aff*. 2020;39(1):100-07. doi: [10.1377/hlthaff.2019.00100](https://doi.org/10.1377/hlthaff.2019.00100).

Hurley VB, Wang Y, Rodriguez HP, Shortell SM, Kearing S, Savitz LA. Decision Aid Implementation and Patients' Preferences for Hip and Knee Osteoarthritis Treatment: Insights From the High Value Healthcare Collaborative. *Patient Preference and Adherence*. 2020;14:23-32. doi: [10.2147/PPA.S227207](https://doi.org/10.2147/PPA.S227207).

Ivey SL, Shortell SM, Rodriguez HP, Wang YE. Patient Engagement in ACO Practices and Patient-Reported Outcomes Among Adults With Co-Occurring Chronic Disease and Mental Health Conditions. *Med Care*. 2018;56(7):551-56. doi: [10.1097/MLR.0000000000000927](https://doi.org/10.1097/MLR.0000000000000927).

Kandel ZK, Rittenhouse DR, Bibi S, Frazee TK, Shortell SM, Rodríguez HP. The CMS State Innovation Models Initiative and Improved Health Information Technology and Care Management Capabilities of Physician Practices. *Med Care Res Rev*. 2021;78(4):350-60. doi: [10.1177/1077558719901217](https://doi.org/10.1177/1077558719901217).

Kennedy G, Lewis VA, Kundu S, Mousqués J, Colla CH. Accountable Care Organizations and Post-Acute Care: A Focus on Preferred SNF Networks. *Med Care Res Rev*. 2020;77(4):312-23. doi: [10.1177/1077558718781117](https://doi.org/10.1177/1077558718781117).

Khodyakov D, Buttorff C, Xenakis L, Damberg CL, Ridgely MS. Alignment Between Objective and Subjective Assessments of Health System Performance: Findings From a Mixed-Methods Study. *J Healthc Manag*. 2021;66(5):380-94. doi: [10.1097/jhm-d-20-00249](https://doi.org/10.1097/jhm-d-20-00249).

Kimmey L, Furukawa MF, Jones DJ, Machta RM, Guo J, Rich EC. Geographic Variation in the Consolidation of Physicians into Health Systems, 2016–18. *Health Aff*. 2021;40(1):165-69. doi: [10.1377/hlthaff.2020.00812](https://doi.org/10.1377/hlthaff.2020.00812).

King AC, Morden NE. A Proposed Taxonomy for Population-Level Prescription Use Patterns. *Journal of Prescribing Practice*. 2021;3(1):22-27. doi: [10.12968/jprp.2021.3.1.22](https://doi.org/10.12968/jprp.2021.3.1.22).

King AC, Schwartz LM, Woloshin S. A National Survey of the Frequency of Drug Company Detailing Visits and Free Sample Closets in Practices Delivering Primary Care. *JAMA Internal Medicine*. 2020;180(4):592-95. doi: [10.1001/jamainternmed.2019.6770](https://doi.org/10.1001/jamainternmed.2019.6770).

Kranz AM, Dalton S, Damberg C, Timbie JW. Using Health IT To Coordinate Care and Improve Quality in Safety-Net Clinics. *Jt Comm J Qual Patient Saf.* 2018;44(12):731-40. doi: [10.1016/j.jcjq.2018.03.006](https://doi.org/10.1016/j.jcjq.2018.03.006).

Kranz AM, DeYoreo M, Eshete-Roesler B, Damberg CL, Totten M, Escarce JJ, et al. Health System Affiliation of Physician Organizations and Quality of Care for Medicare Beneficiaries Who Have High Needs. *Health Serv Res.* 2020;55(Suppl 3):1118-28. doi: [10.1111/1475-6773.13570](https://doi.org/10.1111/1475-6773.13570).

Kranz AM, Mahmud A, Agniel D, Damberg C, Timbie JW. Provision of Social Services and Health Care Quality in U.S. Community Health Centers, 2017. *Am J Public Health.* 2020;110(4):567-73. doi: [10.2105/AJPH.2019.305519](https://doi.org/10.2105/AJPH.2019.305519).

Kranz AM, Ryan J, Mahmud A, Setodji CM, Damberg CL, Timbie JW. Association of Primary and Specialty Care Integration on Physician Communication and Cancer Screening in Safety-Net Clinics. *Prev Chronic Dis.* 2020;17:E134-E34. doi: [10.5888/pcd17.200025](https://doi.org/10.5888/pcd17.200025).

Kronick R. The Promise and Peril of Health Systems. *Health Serv Res.* 2020;55(Suppl 3):1027-30. doi: [10.1111/1475-6773.13595](https://doi.org/10.1111/1475-6773.13595).

Levin JS, Komanduri S, Whaley C. Association between hospital-physician vertical integration and medication adherence rates. *Health Serv Res.* 2022 Oct 22. doi: [10.1111/1475-6773.14090](https://doi.org/10.1111/1475-6773.14090).

Lewis VA, D'Aunno T, Murray GF, Shortell SM, Colla CH. The Hidden Roles That Management Partners Play in Accountable Care Organizations. *Health Aff.* 2018;37(2):292-98. doi: [10.1377/hlthaff.2017.1025](https://doi.org/10.1377/hlthaff.2017.1025).

Levin JS, Komanduri S, Whaley C. Association between Hospital-Physician Vertical Integration and Medication Adherence Rates. *Health Serv Res.* 2022:1-9. doi: <https://doi.org/10.1111/1475-6773.14090>.

Lewis VA, Fisher ES, Colla CH. Explaining Sluggish Savings under Accountable Care. *N Engl J Med.* 2017;377(19):1809-11. doi: [10.1056/NEJMp1709197](https://doi.org/10.1056/NEJMp1709197).

Lewis VA, Frazee T, Fisher ES, Shortell SM, Colla CH. ACOs Serving High Proportions of Racial and Ethnic Minorities Lag in Quality Performance. *Health Aff.* 2017;36(1):57-66. doi: [10.1377/hlthaff.2016.0626](https://doi.org/10.1377/hlthaff.2016.0626).

Lewis VA, Joynt Maddox K, Austin AM, Gottlieb DJ, Bynum JPW. Developing and Validating a Measure To Estimate Poverty in Medicare Administrative Data. *Med Care.* 2019;57(8):601-07. doi: [10.1097/MLR.0000000000001154](https://doi.org/10.1097/MLR.0000000000001154).

Lewis VA, Spivack S, Murray GF, Rodriguez HP. FQHC Designation and Safety Net Patient Revenue Associated With Primary Care Practice Capabilities for Access and Quality. *J Gen Intern Med.* 2021;36(10):2922-28. doi: [10.1007/s11606-021-06746-0](https://doi.org/10.1007/s11606-021-06746-0).

Ly DP, Cutler DM. Factors of U.S. Hospitals Associated With Improved Profit Margins: An Observational Study. *J Gen Intern Med.* 2018;33(7):1020-27. doi: [10.1007/s11606-018-4347-4](https://doi.org/10.1007/s11606-018-4347-4).

Lyu PF, Chernew ME, McWilliams JM. Soft Consolidation in Medicare ACOs: Potential for Higher Prices Without Mergers or Acquisitions. *Health Aff.* 2021;40(6):979-88. doi: [10.1377/hlthaff.2020.02449](https://doi.org/10.1377/hlthaff.2020.02449).

Machta RM, D Reschovsky J, Jones DJ, Kimmey L, Furukawa MF, Rich EC. Health System Integration With Physician Specialties Varies across Markets and System Types. *Health Serv Res.* 2020;55(Suppl 3):1062-72. doi: [10.1111/1475-6773.13584](https://doi.org/10.1111/1475-6773.13584).

Machta RM, Maurer KA, Jones DJ, Furukawa MF, Rich EC. A Systematic Review of Vertical Integration and Quality of Care, Efficiency, and Patient-Centered Outcomes. *Health Care Manage Rev.* 2019;44(2):159-73. doi: [10.1097/hmr.000000000000197](https://doi.org/10.1097/hmr.000000000000197).

Machta RM, Reschovsky J, Jones DJ, Furukawa MF, Rich EC. Can Vertically Integrated Health Systems Provide Greater Value: The Case of Hospitals under the Comprehensive Care for Joint Replacement Model? *Health Serv Res.* 2020;55(4):541-47. doi: [10.1111/1475-6773.13313](https://doi.org/10.1111/1475-6773.13313).

Mafi JN, Godoy-Travieso P, Wei E, Anders M, Amaya R, Carrillo CA, Berry JL, Sarff L, Daskivich L, Vangala S, Ladapo J, Keeler E, Damberg CL, Sarkisian C. Evaluation of an Intervention To Reduce Low-Value Preoperative Care for Patients Undergoing Cataract Surgery at a Safety-Net Health System. *JAMA Internal Medicine.* 2019;179(5):648-57. doi: [10.1001/jamainternmed.2018.8358](https://doi.org/10.1001/jamainternmed.2018.8358).

Mafi JN, Reid RO, Baseman LH, Hickey S, Totten M, Agniel D, Fendrick AM, Sarkisian C, Damberg CL. Trends in Low-Value Health Service Use and Spending in the U.S. Medicare Fee-for-Service Program, 2014-2018. *JAMA Network Open.* 2021;4(2):e2037328-e28. doi: [10.1001/jamanetworkopen.2020.37328](https://doi.org/10.1001/jamanetworkopen.2020.37328).

Martin BI, Lurie JD, McGuire KJ. Early Effects of Medicare's Bundled Payment Program for Lumbar Fusion on Episode Costs, Volume, and Safety. *Spine J.* 2016;16(10):S348-S49. doi: [10.1016/j.spinee.2016.07.280](https://doi.org/10.1016/j.spinee.2016.07.280).

McDonald KM, Rodriguez HP, Shortell SM. Organizational Influences on Time Pressure Stressors and Potential Patient Consequences in Primary Care. *Med Care.* 2018;56(10):822-30. doi: [10.1097/MLR.0000000000000974](https://doi.org/10.1097/MLR.0000000000000974).

Miake-Lye IM, Chuang E, Rodriguez HP, Kominski GF, Yano EM, Shortell SM. Random or Predictable?: Adoption Patterns of Chronic Care Management Practices in Physician Organizations. *Implement Sci.* 2017;12(1):106-06. doi: [10.1186/s13012-017-0639-z](https://doi.org/10.1186/s13012-017-0639-z).

Mishra MK, Saunders CH, Rodriguez HP, Shortell SM, Fisher E, Elwyn G. How Do Healthcare Professionals Working in Accountable Care Organisations Understand Patient Activation and Engagement? Qualitative Interviews across Two Time Points. *BMJ Open.* 2018;8(10):e023068-e68. doi: [10.1136/bmjopen-2018-023068](https://doi.org/10.1136/bmjopen-2018-023068).



Miller-Rosales C, Lewis VA, Shortell SM, Rodriguez H. Adoption of Patient Engagement Strategies by Physician Practices in the United States. *Medical Care*. 2022;10.1097. doi: [10.1097/MLR.0000000000001748](https://doi.org/10.1097/MLR.0000000000001748).

Morden NE, Chyn D, Wood A, Meara E. Racial Inequality in Prescription Opioid Receipt - Role of Individual Health Systems. *N Engl J Med*. 2021;385(4):342-51. doi: [10.1056/NEJMsa2034159](https://doi.org/10.1056/NEJMsa2034159).

Morden NE, Woloshin S, Brooks CG, Schwartz LM. Trends in Testosterone Prescribing for Age-Related Hypogonadism in Men With and Without Heart Disease. *JAMA Internal Medicine*. 2019;179(3):446-48. doi: [10.1001/jamainternmed.2018.6505](https://doi.org/10.1001/jamainternmed.2018.6505).

Newton H, Busch SH, Brunette MF, Maust DT, O'Malley AJ, Meara E. Innovations in Care Delivery for Patients with Serious Mental Illness among Accountable Care Organizations. *Psychiatric Services*. 2022(1557-9700 (Electronic)). doi: [10.1176/appi.ps.202000484](https://doi.org/10.1176/appi.ps.202000484).

Nguyen C, Chernew M, Ostrer I, Beaulieu N. Comparison of Healthcare Delivery Systems in Low- and High-Income Communities. *Am J Accountable Care*. 2019;7(4). <https://www.ajmc.com/view/comparison-of-healthcare-delivery-systems-in-low-and-highincome-communities>.

Niedzwiecki MJ, Machta RM, Reschovsky JD, Furukawa MF, Rich EC. Characteristics of Academic-Affiliated Health Systems. *Acad Med*. 2020;95(4):559-66. doi: [10.1097/acm.0000000000003149](https://doi.org/10.1097/acm.0000000000003149).

Norton P, Rodriguez H, Shortell S, Lewis V. Organizational Influences on Healthcare System Adoption and Use of Advanced Health Information Technology Capabilities. *Am J Manag Care*. 2019;25(1). PMID: [30667614](https://pubmed.ncbi.nlm.nih.gov/30667614/).

Ody C, Msall L, Dafny LS, Grabowski DC, Cutler DM. Decreases in Readmissions Credited to Medicare's Program To Reduce Hospital Readmissions Have Been Overstated. *Health Aff*. 2019;38(1):36-43. doi: [10.1377/hlthaff.2018.05178](https://doi.org/10.1377/hlthaff.2018.05178).

O'Hanlon CE, Kranz AM, DeYoreo M, Mahmud A, Damberg CL, Timbie J. Access, Quality, and Financial Performance of Rural Hospitals Following Health System Affiliation. *Health Aff*. 2019;38(12):2095-104. doi: [10.1377/hlthaff.2019.00918](https://doi.org/10.1377/hlthaff.2019.00918).

O'Malley AJ, Park S. A Novel Cluster Sampling Design That Couples Multiple Surveys To Support Multiple Inferential Objectives. *Health Serv Outcomes Res Methodol*. 2020;20(2-3):85-110. doi: [10.1007/s10742-020-00210-y](https://doi.org/10.1007/s10742-020-00210-y).

Ouayogodé MH, Colla CH, Lewis VA. Determinants of Success in Shared Savings Programs: An Analysis of ACO and Market Characteristics. *Healthcare*. 2017;5(1-2):53-61. doi: [10.1016/j.hjdsi.2016.08.002](https://doi.org/10.1016/j.hjdsi.2016.08.002).

Ouayogodé MH, Frazee T, Rich EC, Colla CH. Association of Organizational Factors and Physician Practices' Participation in Alternative Payment Models. *JAMA Network Open*. 2020;3(4):e202019-e19. doi: [10.1001/jamanetworkopen.2020.2019](https://doi.org/10.1001/jamanetworkopen.2020.2019).

- Ouayogodé MH, Mainor AJ, Meara E, Bynum JPW, Colla CH. Association Between Care Management and Outcomes Among Patients With Complex Needs in Medicare Accountable Care Organizations. *JAMA Network Open*. 2019;2(7):e196939-e39. doi: [10.1001/jamanetworkopen.2019.6939](https://doi.org/10.1001/jamanetworkopen.2019.6939).
- Ouayogodé MH, Meara E, Chang C-H, Raymond SR, Bynum JPW, Lewis VA, Colla CH. Forgotten Patients: ACO Attribution Omits Those With Low Service Use and the Dying. *Am J Manag Care*. 2018;24(7):e207-e15. PMID: [30020755](https://pubmed.ncbi.nlm.nih.gov/30020755/).
- Ouayogodé MH, Meara E, Ho K, Snyder CM, Colla CH. Estimates of ACO Savings in the Presence of Provider and Beneficiary Selection. *Healthcare*. 2021;9(1):100460-60. doi: [10.1016/j.hjdsi.2020.100460](https://doi.org/10.1016/j.hjdsi.2020.100460).
- Peiris D, Phipps-Taylor MC, Stachowski CA, Kao L-S, Shortell SM, Lewis VA, Rosenthal MB, Colla CH. ACOs Holding Commercial Contracts Are Larger and More Efficient Than Noncommercial ACOs. *Health Aff*. 2016;35(10):1849-56. doi: [10.1377/hlthaff.2016.0387](https://doi.org/10.1377/hlthaff.2016.0387).
- Poon BY, Shortell S, Rodriguez HP. Physician Practice Transitions to System Ownership Do Not Result in Diminished Practice Responsiveness to Patients. *Health Serv Res*. 2018;53(4):2268-84. doi: [10.1111/1475-6773.12804](https://doi.org/10.1111/1475-6773.12804).
- Reid R, Damberg C, Friedberg MW. Primary Care Spending in the Fee-for-Service Medicare Population. *JAMA Internal Medicine*. 2019;179(7):977-80. doi: [10.1001/jamainternmed.2018.8747](https://doi.org/10.1001/jamainternmed.2018.8747).
- Reid RO, Mafi JN, Baseman LH, Fendrick AM, Damberg CL. Waste in the Medicare Program: A National Cross-Sectional Analysis of 2017 Low-Value Service Use and Spending. *J Gen Intern Med*. 2021;36(8):2478-82. doi: [10.1007/s11606-020-06061-0](https://doi.org/10.1007/s11606-020-06061-0).
- Reid RO, Tom AK, Ross RM, Duffy EL, Damberg CL. Physician Compensation Arrangements and Financial Performance Incentives in U.S. Health Systems. *JAMA Health Forum*. 2022;3(1):e214634. doi: [10.1001/jamahealthforum.2021.4634](https://doi.org/10.1001/jamahealthforum.2021.4634).
- Richards MR, Seward JA, Whaley CM. Treatment Consolidation After Vertical Integration: Evidence From Outpatient Procedure Markets. *J Health Econ*. 2022;81:102569-69. doi: [10.1016/j.jhealeco.2021.102569](https://doi.org/10.1016/j.jhealeco.2021.102569).
- Ridgely MS, Ahluwalia SC, Tom A, Vaiana ME, Motala A, Silverman M, Kim A, Damberg CL, Shekelle PG. What Are the Determinants of Health System Performance? Findings From the Literature and a Technical Expert Panel. *Jt Comm J Qual Patient Saf*. 2020;46(2):87-98. doi: [10.1016/j.jcjq.2019.11.003](https://doi.org/10.1016/j.jcjq.2019.11.003).
- Ridgely MS, Buttorff C, Wolf LJ, Duffy EL, Tom AK, Damberg CL, Scanlon DP, Vaiana ME. The Importance of Understanding and Measuring Health System Structural, Functional, and Clinical Integration. *Health Serv Res*. 2020;55(Suppl 3):1049-61. doi: [10.1111/1475-6773.13582](https://doi.org/10.1111/1475-6773.13582).

Ridgely MS, Duffy E, Wolf L, Vaiana M, Scanlon D, Buttorff C, Leitzell B, Ahluwalia S, Hilton L, Agniel D, Haviland A, Damberg CL. Understanding U.S. Health Systems: Using Mixed Methods To Unpack Organizational Complexity. *eGEMS*. 2019;7(1):39-39. doi: [10.5334/egems.302](https://doi.org/10.5334/egems.302).

Ridgely MS, Timbie J, Duffy E, Wolf L, Buttorff C. Consolidation by Any Other Name? The Emergence of Clinically Integrated Networks. *Health Serv Res*. 2020;55(S1):114-14. doi: [10.1111/1475-6773.13493](https://doi.org/10.1111/1475-6773.13493).

Roberts ET, Mehrotra A, McWilliams JM. High-Price and Low-Price Physician Practices Do Not Differ Significantly on Care Quality or Efficiency. *Health Aff*. 2017;36(5):855-64. doi: [10.1377/hlthaff.2016.1266](https://doi.org/10.1377/hlthaff.2016.1266).

Rodriguez HP, Ciemins EL, Rubio K, Shortell SM. Physician Practices With Robust Capabilities Spend Less on Medicare Beneficiaries Than More Limited Practices. *Health Aff*. 2022;41(3):414-23. doi: [10.1377/hlthaff.2021.00302](https://doi.org/10.1377/hlthaff.2021.00302).

Rodriguez HA-O, Kyalwazi MJ, Lewis VA, Rubio K, Shortell SM. Adoption of Patient-Reported Outcomes by Health Systems and Physician Practices in the USA. *J Gen Intern Med*. 2022(1525-1497 (Electronic)). doi: [10.1007/s11606-022-07631-0](https://doi.org/10.1007/s11606-022-07631-0).

Rosenthal M, Shortell S, Shah ND, Peiris D, Lewis VA, Barrera JA, Usadi B, Colla CH. Physician Practices in Accountable Care Organizations Are More Likely To Collect and Use Physician Performance Information, yet Base Only a Small Proportion of Compensation on Performance Data. *Health Serv Res*. 2019;54(6):1214-22. doi: [10.1111/1475-6773.13238](https://doi.org/10.1111/1475-6773.13238).

Ross RL, Rubio K, Rodriguez H. Mammography and Decision Aid Use for Breast Cancer Screening in Older Women. *J American Journal of Preventive Medicine*. 2022;S0749-3797(22):00228-8. doi: [10.1016/j.amepre.2022.04.014](https://doi.org/10.1016/j.amepre.2022.04.014).

Ruddy KJ, Sangaralingham L, Freedman RA, Mougalian SS, Neuman H, Greenberg C, Jemal A, Duma N, Haddad TC, Lemaine V, Ghosh K, Hieken TJ, Hunt K, Vachon C, Gross CP, Shah ND. Adherence to Guidelines for Breast Surveillance in Breast Cancer Survivors. *J Natl Compr Canc Netw*. 2018;16(5):526-34. doi: [10.6004/jnccn.2018.7001](https://doi.org/10.6004/jnccn.2018.7001).

Rudin RS, Fischer SH, Damberg CL, Shi Y, Shekelle PG, Xenakis L, Khodyakov D, Ridgely MS. Optimizing Health IT To Improve Health System Performance: A Work in Progress. *Healthcare*. 2020;8(4):100483. doi: [10.1016/j.hjdsi.2020.100483](https://doi.org/10.1016/j.hjdsi.2020.100483).

Rudin RS, Fischer SH, Shi Y, Shekelle P, Amill-Rosario A, Ridgely MS, Scanlon DP, Damberg CL. Trends in the Use of Clinical Decision Support by Health System–Affiliated Ambulatory Clinics in the United States, 2014–2016. *Am J Accountable Care*. 2019;7(4). <https://www.ajmc.com/view/trends-in-the-use-of-clinical-decision-support-by-health-system-affiliated-ambulatory-clinics-in-the-united-states-20142016>.

Rudin RS, Friedberg MW, Shekelle P, Shah N, Bates DW. Getting Value From Electronic Health Records: Research Needed To Improve Practice. *Ann Intern Med.* 2020;172(11\_Suppl):S130-S36. doi: [10.7326/m19-0878](https://doi.org/10.7326/m19-0878).

Rudin RS, Shi Y, Fischer SH, Shekelle P, Amill-Rosario A, Shaw B, Ridgely MS, Damberg CL. Level of Agreement on Health Information Technology Adoption and Use in Survey Data: A Mixed-Methods Analysis of Ambulatory Clinics in 1 U.S. State. *JAMIA Open.* 2019;2(2):231-37. doi: [10.1093/jamiaopen/ooz004](https://doi.org/10.1093/jamiaopen/ooz004).

Rumball-Smith J, Shekelle P, Damberg CL. Electronic Health Record “Super-Users” and “under-Users” in Ambulatory Care Practices. *Am J Manag Care.* 2018;24(1):26-31. PMID: [29350506](https://pubmed.ncbi.nlm.nih.gov/29350506/).

Sabety AH, Jena AB, Barnett ML. Changes in Health Care Use and Outcomes After Turnover in Primary Care. *JAMA Internal Medicine.* 2021;181(2):186-94. doi: [10.1001/jamainternmed.2020.6288](https://doi.org/10.1001/jamainternmed.2020.6288).

Scanlon DP, Harvey JB, Wolf LJ, Vanderbrink JM, Shaw B, Shi Y, Mahmud Y, Ridgely MS, Damberg CL. Are Health Systems Redesigning How Health Care Is Delivered? *Health Serv Res.* 2020;55(Suppl 3):1129-43. doi: [10.1111/1475-6773.13585](https://doi.org/10.1111/1475-6773.13585).

Shekelle PG, Pane JD, Agniel D, Shi Y, Rumball-Smith J, Haas A, Fischer S, Rudin RS, Totten M, Lai J, Scanlon D, Damberg CL. Assessment of Variation in Electronic Health Record Capabilities and Reported Clinical Quality Performance in Ambulatory Care Clinics, 2014-2017. *JAMA Network Open.* 2021;4(4):e217476-e76. doi: [10.1001/jamanetworkopen.2021.7476](https://doi.org/10.1001/jamanetworkopen.2021.7476).

Sherry TB, Damberg CL, DeYoreo M, Bogart A, Agniel D, Ridgely MS, et al. Is Bigger Better?: A Closer Look at Small Health Systems in the United States. *Medical Care.* 2022(10.1097/MLR.0000000000001727). doi: [10.1097/MLR.0000000000001727](https://doi.org/10.1097/MLR.0000000000001727).

Shi Y, Amill-Rosario A, Rudin RS, Fischer SH, Shekelle P, Scanlon D, Damberg CL. Health Information Technology for Ambulatory Care in Health Systems. *Am J Manag Care.* 2020;26(01). doi: [10.37765/ajmc.2020.42143](https://doi.org/10.37765/ajmc.2020.42143).

Shi Y, Amill-Rosario A, Rudin RS, Fischer SH, Shekelle P, Scanlon DP, Damberg CL. Barriers to Using Clinical Decision Support in Ambulatory Care: Do Clinics in Health Systems Fare Better? *JAMIA.* 2021;28(8):1667-75. doi: [10.1093/jamia/ocab064](https://doi.org/10.1093/jamia/ocab064).

Shields MC, Beaulieu ND, Lu S, Busch AB, Cutler DM, Chien AT. Increases in Inpatient Psychiatry Beds Operated by Systems, for-Profits, and Chains, 2010–2016. *Psychiatr Serv.* 2021;appi.ps.2021001. doi: [10.1176/appi.ps.202100182](https://doi.org/10.1176/appi.ps.202100182).

Shortell SM, Gottlieb DJ, Martinez Cambor P, O’Malley AJ. Hospital-Based Health Systems 20 Years Later: A Taxonomy for Policy Research and Analysis. *Health Serv Res.* 2021;56(3):453-63. doi: [10.1111/1475-6773.13621](https://doi.org/10.1111/1475-6773.13621).

Shortell SM, Poon BY, Ramsay PP, Rodriguez HP, Ivey SL, Huber T, Rich J, Summerfelt T. A Multilevel Analysis of Patient Engagement and Patient-Reported Outcomes in Primary Care Practices of Accountable Care Organizations. *J Gen Intern Med.* 2017;32(6):640-47. doi: [10.1007/s11606-016-3980-z](https://doi.org/10.1007/s11606-016-3980-z).

Singer SJ, Kerrissey M, Friedberg M, Phillips R. A Comprehensive Theory of Integration. *Med Care Res Rev.* 2018;77(2):196-207. doi: [10.1177/1077558718767000](https://doi.org/10.1177/1077558718767000).

Singer SJ, Sinaiko AD, Tietschert MV, Kerrissey M, Phillips RS, Martin V, Joseph G, Bahadurzada H, Agniel D. Care Integration Within and Outside Health System Boundaries. *Health Serv Res.* 2020;55 Suppl 3(Suppl 3):1033-48. doi: [10.1111/1475-6773.13578](https://doi.org/10.1111/1475-6773.13578).

Spivack SB, DeWalt D, Oberlander J, Trogdon J, Shah N, Meara E, Weinberger M, Reiter K, Agravat D, Colla C, Lewis V. The Association of Readmission Reduction Activities With Primary Care Practice Readmission Rates. *J Gen Intern Med.* 2021. doi: [10.1007/s11606-021-07005-y](https://doi.org/10.1007/s11606-021-07005-y).

Spivack SB, Murray GF, Rodriguez HP, Lewis VA. Avoiding Medicaid: Characteristics of Primary Care Practices With No Medicaid Revenue. *Health Aff.* 2021;40(1):98-104. doi: [10.1377/hlthaff.2020.00100](https://doi.org/10.1377/hlthaff.2020.00100).

Tierney AA, Shortell SM, Rundall TG, Blodgett JC, Reponen E. Examining the Relationship Between the Lean Management System and Quality Improvement Care Management Processes. *Qual Manag Health Care.* 2021;31(1):1-6. doi: [10.1097/qmh.0000000000000318](https://doi.org/10.1097/qmh.0000000000000318).

Timbie JW, Kranz AM, DeYoreo M, Eshete-Roesler B, Elliott MN, Escarce JJ, Totten ME, Damberg CL. Racial and Ethnic Disparities in Care for Health System-Affiliated Physician Organizations and Non-Affiliated Physician Organizations. *Health Serv Res.* 2020;55 Suppl 3(Suppl 3):1107-17. doi: [10.1111/1475-6773.13581](https://doi.org/10.1111/1475-6773.13581).

Timbie JW, Kranz AM, Mahmud A, Damberg CL. Specialty Care Access for Medicaid Enrollees in Expansion States. *Am J Manag Care.* 2019;25(3):e83-e87. PMID: [30875176](https://pubmed.ncbi.nlm.nih.gov/30875176/).

Timbie JW, Kranz AM, Mahmud A, Setodji CM, Damberg CL. Federally Qualified Health Center Strategies for Integrating Care With Hospitals and Their Association With Measures of Communication. *Jt Comm J Qual Patient Saf.* 2019;45(9):620-28. doi: [10.1016/j.jcjq.2019.06.004](https://doi.org/10.1016/j.jcjq.2019.06.004).

Whaley CM, Zhao X, Richards M, Damberg CL. Higher Medicare Spending on Imaging and Lab Services After Primary Care Physician Group Vertical Integration. *Health Aff.* 2021;40(5):702-09. doi: [10.1377/hlthaff.2020.01006](https://doi.org/10.1377/hlthaff.2020.01006).

Woloshin S, Schwartz LM, Bagley PJ, Blunt HB, White B. Characteristics of Interim Publications of Randomized Clinical Trials and Comparison With Final Publications. *JAMA.* 2018;319(4):404-06. doi: [10.1001/jama.2017.20653](https://doi.org/10.1001/jama.2017.20653).

Woloshin S, Dewitt B, Krishnamurti T, Fischhoff B. Assessing How Consumers Interpret and Act on Results from at-Home Covid-19 Self-Test Kits: A Randomized Clinical Trial. *JAMA Intern Med.* 2022;182(3)(2168-6114 (Electronic)). doi: [10.1001/jamainternmed.2021.8075](https://doi.org/10.1001/jamainternmed.2021.8075).

Zhou RA, Beaulieu ND, Cutler D. Primary Care Quality and Cost for Privately Insured Patients in and out of U.S. Health Systems: Evidence From Four States. *Health Serv Res.* 2020;55 Suppl 3(Suppl 3):1098-106. doi: [10.1111/1475-6773.13590](https://doi.org/10.1111/1475-6773.13590).

## **CHSP Data Briefs**

Farid M, Machta RM, Jones DJ, Furukawa MF, Miller D, Rich EC. Nursing Homes Affiliated With U.S. Health Systems, 2018. CHSP Data Brief #8. Rockville, MD: Agency for Healthcare Research and Quality. January, 2021. <https://www.ahrq.gov/sites/default/files/wysiwyg/chsp/data/chsp-brief8-nursinghomes.pdf>.

Heeringa J, Jones DJ, Machta RM, Furukawa MF, Miller D, Rich EC. Snapshot of U.S. Health Systems, 2016. CHSP Data Brief #1. Rockville, MD: Agency for Healthcare Research and Quality. September, 2017. <https://www.ahrq.gov/sites/default/files/wysiwyg/chsp/data/chsp-brief1-snapshot-of-us-health-systems-2016.pdf>.

Heeringa J, Jones DJ, Machta RM, Furukawa MF, Miller D, Rich EC. U.S. Health System Characteristics, 2016. CHSP Data Brief #2. Rockville, MD: Agency for Healthcare Research and Quality. September, 2017. <https://www.ahrq.gov/sites/default/files/wysiwyg/chsp/data/chsp-brief2-us-health-system-characteristics-2016.pdf>.

Heeringa J, Jones DJ, Machta RM, Furukawa MF, Miller D, Rich EC. Variation in Health System Characteristics across States, 2016. CHSP Data Brief #3. Rockville, MD: Agency for Healthcare Research and Quality. September, 2017. <https://www.ahrq.gov/sites/default/files/wysiwyg/chsp/data/chsp-brief3-variation-in-health-system-characteristics-across-states-2016.pdf>.

Kimmey L, Jones DJ, Machta RM, Furukawa MF, Miller D, Rich EC. Provider-Offered Insurance Products Among U.S. Health Systems, 2016. CHSP Data Brief #5. Rockville, MD: Agency for Healthcare Research and Quality. January, 2019. <https://www.ahrq.gov/sites/default/files/wysiwyg/chsp/data/chsp-brief5-insurance-products.pdf>.

Machta RM, Jones DJ, Furukawa MF, Miller D, Rich EC. Health System Participation in Accountable Care Organizations (ACOs), 2016. CHSP Data Brief #4. Rockville, MD: Agency for Healthcare Research and Quality. January 2019. <https://www.ahrq.gov/sites/default/files/wysiwyg/chsp/data/chsp-brief4-aco-participation.pdf>.

Machta RM, Jones DJ, Furukawa MF, Miller D, Rich EC. Health System Participation in Medicare Bundled Payment Models, 2016. CHSP Data Brief #6. Rockville, MD: Agency for Healthcare Research and Quality. January, 2019. <https://www.ahrq.gov/sites/default/files/wysiwyg/chsp/data/chsp-brief6-bundled-payments.pdf>.

Machta RM, Jones DJ, Furukawa MF, Miller D, Rich EC. Provider-Offered Medicare Advantage Plans Among U.S. Health Systems, 2016. CHSP Data Brief #7. Rockville, MD: Agency for Healthcare Research and Quality. March, 2019. <https://www.ahrq.gov/sites/default/files/wysiwyg/chsp/data/chsp-brief7-ma-plans.pdf>.

## **Blog Posts**

Dafny L, Lee SS. Designating Certain Post-Acute Care Facilities as Covid-19 Skilled Care Centers Can Increase Hospital Capacity and Keep Nursing Home Patients Safer. Health Affairs Blog. April, 2020. doi: [10.1377/hblog20200414.319963](https://doi.org/10.1377/hblog20200414.319963).

Miller D, Furukawa M. Updates to AHRQ Compendium Show Health Systems' Growing Participation in Accountable Care Organizations. AHRQ Views: Blog posts from AHRQ leaders. Rockville, MD: Agency for Healthcare Research and Quality. April, 2019. <https://www.ahrq.gov/news/blog/ahrqviews/updates-ahrq-compendium.html>.

Rich EC, Jones DJ, Machta RM, Furukawa MF. Analysis of the AHRQ Compendium of U.S. Health Systems Shows System Growth Continues but Benefits Remain Unclear. Blog. Washington, DC: Mathematica. October, 2021. <https://www.mathematica.org/blogs/analysis-of-the-ahrq-compendium-of-us-health-systems-shows-system-growth-continues>.

Ridgely MS, Damberg CL, Totten M, Escarce JJ. The Perils of Pecos: Using Medicare Administrative Data To Answer Important Policy Questions About Health Care Markets. Health Affairs Blog. January, 2021. doi: [10.1377/hblog20201222.615286](https://doi.org/10.1377/hblog20201222.615286).

## **Other Publications**

Cutler D, Dafny L, Grabowski D, Lee S, Ody C. Vertical Integration of Healthcare Providers Increases Self-Referrals and Can Reduce Downstream Competition: The Case of Hospital-Owned Skilled Nursing Facilities. Working Paper. National Bureau of Economic Research. 2020. doi: [10.3386/w28305](https://doi.org/10.3386/w28305).

Fraze T, Beidler L, Gottlieb L, De Marchis E, Potter M. "It's Here to Stay": Envisioning the Role of Virtual Primary Care in the Aftermath of Covid-19 Pandemic. NAPCRG 49th Annual Meeting; 2022 April 2022. The Annals of Family Medicine. doi: [10.1370/afm.20.s1.3027](https://doi.org/10.1370/afm.20.s1.3027).

Jones DJ, Furukawa MF, Machta RM, Bierman AS, Rich EC. Employment of Advanced Practice Clinicians in Vertically Integrated Health Systems Reflects Larger Trends toward Consolidation. Health Research Brief. Washington, DC: Mathematica. August, 2021. <https://www.mathematica.org/publications/employment-of-advanced-practice-clinicians-in-vertically-integrated-health-systems-reflects-larger>.

Kimmey L, Jones DJ, Furukawa MF, Machta RM, Miller D, Rich EC. One-Third of U.S. Health Systems Offered a Health Plan in 2018. Health Research Brief. Washington, DC: Mathematica.

August, 2021. <https://www.mathematica.org/publications/one-third-of-us-health-systems-offered-a-health-plan-in-2018>.

Machta RM, Furukawa MF, Heeringa J, Jones DJ, Timbie J, Kranz AM, Lewis VA, Rich EC. Safety Net Hospitals in Health Systems: Variation in ACO Participation and Other Characteristics. Health Research Brief. Washington, DC: Mathematica. July, 2019. <https://mathematica.org/publications/safety-net-hospitals-in-health-systems-variation-in-aco-participation-and-other-characteristics>.

Ridgely MS, Timbie JW, Wolf LJ, Duffy EL, Buttorff C, Tom A, Vaiana ME. Consolidation by Any Other Name: The Emergence of Clinically Integrated Networks. Research Report. Santa Monica, CA: RAND Corporation, 2020. <https://doi.org/10.7249/RRA370-1>.

Whicher D, Machta RM, Jones DJ, Furukawa MF, Rich EC. Health System Participation in Medicare Alternative Payment Models in 2018. Health Research Brief. Washington, DC: Mathematica. August, 2021. <https://www.mathematica.org/publications/health-system-participation-in-medicare-alternative-payment-models-in-2018>.

For more information: <http://www.ahrq.gov/chsp>.

