## **REFERENCES**

- America's Health Rankings, United Health Foundation. 2015 Annual Report: North Carolina. America's Health Rankings website.http:// www.americashealthrankings.org/explore/2015-annual-report/measure/Overall/state/NC. Published 2016. Accessed February 2, 2017.
- APCD Council. The Basics of All-Payer Claims Databases: A Primer for the States. Roobert Wood Johnson Foundation website. http://www.rwjf.org/content/dam/farm/reports/issue\_briefs/2014/rwjf409988. Published January 2014. Accessed March 16, 2017.
- 3. HealthCare.gov. Glossary. https://www.healthcare.gov/glossary/. Accessed January 14, 2017.
- 4. Center for Health Information and Analysis. Annual Report on the Performance of the Massachusetts Health Care System: 2016. CHIA website. http://www.chiamass.gov/annual-report. Published 2016. Accessed January 30, 2017.
- 5. Colorado Medical Price Compare Showcase. Project Angel Heart (Nutrition & Chronic Conditions). Colorado Medical Price Compare Showcase. http://www.comedpriceshowcase.org/portfolio/project-angel-heart/. Accessed January 14, 2017.
- 6. CompareMaine. Know What to Expect Before You Receive Care. Maine Health Data Organization website. http://www.comparemaine.org/. Published 2017. Accessed January 14, 2017.
- 7. APCD Council: All-Payer Claims Database. APCD Showcase: States Leading by Example. APCD Showcase website. http://www.apcdshowcase.org/. Accessed January 14, 2017.
- 8. Goodman DC, Morden NE, Ralston SL, Chang, Chianng-Hua, Parker DM, Weinstein SJ. The Dartmouth Atlas of Children's Health Care in Northern New England: A Report of the Dartmouth Atlas Project. The Dartmouth Institute website. http://www.dartmouthatlas.org/downloads/atlases/NNE\_Pediatric\_Atlas\_121113.pdf. Accessed March 9, 2017.
- APCD Council: All-Payer Claims Database. Interactive State Report Map. APCD Council website. http://www.apcdcouncil.org/state/map. Published 2017. Accessed February 3, 2017.
- 10. Maryland Health Care Commission. Spending and Use Among Maryland's Privately Fully Insured. Maryland Health Care Commission website. http://mhcc.maryland.gov/mhcc/pages/plr/plr\_healthmd/documents/2016\_0701\_MHCC\_Brief\_WEB.pdf. Accessed March 9, 2017.
- 11. Tenn. Code. Ann. §56-2-125 (2014). Accessed March 9, 2017. Tennessee State Government website. Accessed March 10, 2017.
- 12. Del. S.B. 238, 148 G.A., (2015-2016). Delaware General Assembly website. http://legis.delaware.gov/BillDetail?legislationId=24454. Accessed February 2, 2017.
- 13. N.C. U.S.N.C. § 90-413.1 2015-241, s. 12A.5(f) (2015). North Carolina Health Information Exchange Act. http://www.ncleg.net/EnactedLegislation/Statutes/PDF/ByArticle/Chapter\_90/Article\_29B.pdf. Accessed February 2, 2017.
- 14. Freedman JD, Green L, Landon BE. All-Payer Claims databases—Uses and Expanded Prospects after *Gobeille*. N Engl J Med. 2016;375(23):2215-2217.
- 15. New Hampshire Comprehensive Health Care Information System. Depression Among New Hampshire Medicaid Members. New Hampshire CHIS website. http://www.dhhs.nh.gov/ombp/documents/depression.pdf. Published May 2007. Accessed January 30, 2017.
- 16. Utah Department of Health. Utah Atlas of Healthcare: Antidepressant Use In Utah. Utah Depart of Health website. https://issuu.com/utahatlas/docs/vol1\_no1\_antidepressants. Published September 12, 2010. Accessed March 9, 2017.
- 17. Oregon Health Authority. Oregon All Payer All Claims Database (APCD) Use Case Document. https://www.oregon.gov/oha/analytics/ APACPageDocs/APAC-Use-Cases.pdf. Published February 2017. Accessed January 27, 2017.
- 18. Minnesota Department of Health. Health Economics Program. Chronic Conditions in Minnesota: New Estimates of Prevalence, Cost and Geographic Variation for Insured Minnesotans, 2012. Updated 2016. www.health.state.mn.us/healtheconomics. Accessed January 30, 2017.
- 19. Cline S, Waller A, Fleischauer A. Building A Use Case: Public Health Surveillance. Morrisville NC: North Carolina Institute of Medicine. 2016. 22 slides.
- 20. Colorado Medical Price Compare Data Showcase. University of Colorado, Dept. of Anesthesiology (Perioperative Painkillers). Colorado Medical Price Compare Data Showcase website. http://www.comedpriceshowcase.org/portfolio/uc\_anesthesiology/. Accessed January 14, 2017.
- 21. Maine Health Data Organization. Current Data Requests. https://mhdo.maine.gov/datarequest.aspx. Accessed January 30, 2017.
- 22. Center for Improving Value in Health Care. A Snapshot of Hepatitis C in Colorado. http://www.civhc.org/getmedia/4cb1331f-9717-4ac5-a8c0-2375835dc1dd/Hep-C-Infographic-May-2016.pdf.aspx/. Accessed January 14, 2017.
- 23. Ricards J, Lynn Blewett M. Making Use of All-Payer Claims Databases for Health Care Reform Evaluation. July 2014. State Health Access Data Assistance Center website. http://www.shadac.org/sites/default/files/publications/ACADataAnalytics\_Paper\_%231\_Making\_Use\_of\_APCDs\_for\_web\_0.pdf. Accessed March 9,2017
- 24. Center for Improving Value in Health Care. Readmissions, All Cause 30 Day (per population). CO Medical Price Compare. https://www.comedprice.org/view/reports/pdf.aspx. Accessed January 30, 2017.

- 25. Center for Improving Value in Health Care. Antitrust Legality of Reports and Analytic Data Sets Generated based on All Payer Claims Data: Principal Source of Antitrust Guidance for Health Care Industry Information Exchanges. https://www.apcdcouncil.org/sites/apcdcouncil.org/files/media/state/final\_anti\_trust\_summary\_05-02-14.pdf. Accessed January 25, 2017.
- 26. Hepner M. Michigan Data Collaborative Overview: PowerPoint PPT Presentation. PowerShow video. PowerShow.com website. http://www.powershow.com/view4/56d929-NzRhM/Michigan\_Data\_Collaborative\_Overview\_powerpoint\_ppt\_presentation. Published 2012. Accessed February 2, 2017.
- 27. APCD Council: All Payer Claims Database. The Value of All-Payer Claims Databases for Employers. APCD Council website. https://www.apcdcouncil.org/publication/value-all-payer-claims-databases-employers. Accessed March 9, 2017.
- 28. Benfield: Arthur J. Gallagher & Co. NC Chamber Healthcare Strategy Roadmap: Preliminary Report.; 2016. https://ncchamber.net/wp-content/uploads/2016/10/RoadmaptoValueDrivenHealth2016.pdf. Published May 27, 2016. Accessed January 14, 2017.
- 29. Castlight Health. CFOs Feel Powerless When it Comes to Managing Healthcare Costs, New Poll Finds. Castlight Health. Castlight health blog website. http://www.castlighthealth.com/blog/cfos-feel-powerless-when-it-comes-to-managing-healthcare-costs-new-poll-finds/. Published November 21, 2016. Accessed February 2, 2017.
- 30. Center Improving Value in Health Care. Utilization Spot Analysis: Free Standing Emergency Departments. CIVHC website. http://www.civhc.org/getmedia/7c90a844-ae3f-4566-bd0a-953c02f8309b/Spot-Analysis-FSED-July-2016.pdf.aspx/. Published July 2016. Accessed February 3, 2017.
- 31. SAS. All-Payer Claims Database: A Platform for Transparency and Innovation. Access rerquired. SAS website. https://www.sas.com/en\_us/whitepapers/all-payer-claims-database-106671.html. Accessed March 9, 2017.
- 32. Biola H, Best RM, Lahlou RM, Burke LM, Dewar C, Jackson CT, Broder J, Grey L, Semelka RC, Dobson A. With "big data" comes big responsibility: outreach to North Carolina Mediciad patients with 10 or more computed tomography scans in 12 months. *N C Med J.* 2014; 75(2):102-109. https://www.ncbi.nlm.nih.gov/pubmed/24663129. Accessed March 20, 2017.
- 33. Miller PB, Love D, Sullivan E, Porter J, Costello A. All-Payer Claims Databases: An Overview for Policymakers. State Coverage Initiatives website. http://www.statecoverage.org/files/SCI\_All\_Payer\_Claims\_ReportREV.pdf. Published May 2010. Accessed March 9, 2017.
- 34. Miller P, Peters A, Porter J, Sullivan E. A New Lens for Consumer Transparency. NY Health Foundation website. http://nyshealthfoundation.org/uploads/resources/new-york-all-payer-database-a-new-lens-for-consumer-transparency-sept-2015.pdf. Published September 2015. Accessed January 14, 2017.
- 35. New Hampshire Insurance Department. NH Health Cost. Compare Health Costs & Quality of Care in New Hampshire. NH HealthCost website. http://nhhealthcost.nh.gov/. Accessed February 3, 2017.
- 36. Maine Health Data Organization. How We Measure Preventing Healthcare Associated Infections. CompareMaine website. http://www.comparemaine.org/?page=methodology&subpage=preventing-healthcare-associated-infections. Accessed February 2, 2017.
- 37. Health Policy Ohio. National Scoreboard on Payment Reform. Catalyst for Payment Reform website. http://www.healthpolicyohio.org/wp-content/uploads/2016/03/CPRNationalScorecardonPaymentReform.pdf. Accessed March 9, 2017.
- 38. Rosenthal B. Dental Benefits Education Program Outline. North Carolina Dental Society. Powerpoint. North Carolina Institute of Medicine website. http://www.nciom.org/wp-content/uploads/2016/07/IOM-Dental-Benefits-Education-Program-12-6-16.pdf. Published December 9, 2016. Accessed March 17, 2017.
- 39. Pear R. Obama and Insurers Join to Cut Health Care Fraud .The New York Times website. http://www.nytimes.com/2012/07/26/us/politics/obama-and-insurers-join-to-cut-health-care-fraud.html. Published July 25, 2012. Accessed January 30, 2017.
- 40. Ark. S.B. 956, 90 G.A., (2015). Arkansas Legislature website. http://www.arkleg.state.ar.us/assembly/2015/2015R/Acts/Act1233.pdf. Accessed March 9, 2017. Accessed February 3, 2017.
- 41. Col. H. B. 10-1330. Colorado General Assemby website. http://www.leg.state.co.us/clics/clics2010a/csl.nsf/fsbillcont/7772EFE1E998E627872576B700617FA4?Open&file=1330\_enr.pdf. Accessed March 9, 2017.
- 42. Va. H.R. J. Res 738. No. 3 (2012). Virginia Government website. http://lis.virginia.gov/cgi-bin/legp604.exe?121+ful+CHAP0709+pdf. Accessed February 3, 2017.
- 43. APCD Council. State Data Access. APCD Council. APCD website. http://www.apcdcouncil.org/state-data-access. Accessed January 30, 2017.
- 44. Center for Improving Value in Health Care. State Agency Data Request and Qualified Entity. 2014:1-12.
- 45. Porter J, Love D, Costello A, Peters A, Rudolph B. All-Payer Claims Database Development Manual: Establishing a Foundation for Health Care Transparency and Informed Decision Making. APCD Council and West Health Policy Center. APCD Council website. https://www.apcdcouncil.org/manual. Published February 2015. Accessed March 17, 2017.
- 46. APCD Council. Virginia. APCD Council website. https://www.apcdcouncil.org/state/virginia. Accessed January 14, 2017.

## **REFERENCES**

- 47. Maryland Health Care Commission: Maryland Department of Health and Mental Hygiene. User Fee Assessment. Marylandwebsite. http://mhcc.maryland.gov/mhcc/pages/home/assessment/assessment.aspx. Published 2016. Updated August 31, 2016. Accessed February 2, 2017.
- 48. APCD Council. Vermont. APCD Council website. https://www.apcdcouncil.org/state/vermont. Accessed January 20, 2017.
- 49. APCD Council. Maryland. APCD Council website. https://www.apcdcouncil.org/state/maryland. Accessed January 20, 2017
- 50. APCD Council. Tennessee. APCD Council website. http://www.apcdcouncil.org/state/tennessee. Accessed February 3, 2017.
- 51. Porter J, Love D, Peters A, Sullivan E. APCD Cost Study Summary of Findings. APCD website. https://www.apcdcouncil.org/publication/apcd-cost-study-summary-findings. Published October 2012. Accessed March 9, 2017.
- 52. Freedman Healthcare. ACPD Questions Regarding Data Use Fees? FHC Answers. Freedman HealthCare. Freedman Healcare website. http://freedmanhealthcare.com/news/apcd-questions-fhc-answers-week-2. Published October 6, 2016. Accessed January 20, 2017.
- 53. Wilson J, Bock A. The Benefit of Using Both Claims Data and Electronic Medical Record Data in Health Care Analysis. Optum website. https://www.optum.com/content/dam/optum/resources/whitePapers/Benefits-of-using-both-claims-and-EMR-data-in-HC-analysis-WhitePaper-ACS.pdf. Published 2012. Accessed January 14, 2017.
- 54. HealthIT. Health Information Exchange (HIE): What is HIE? HealthIT website. https://www.healthit.gov/providers-professionals/health-information-exchange/what-hie. Published 2014. Accessed January 14, 2017.
- 55. Wake Human Services. NC FAST. wakegov.com website. http://www.wakegov.com/humanservices/director/initiatives/Pages/ncfast. aspx. Published 2016. Accessed January 20, 2017.
- 56. Pfaff E. Data-Driven Health and Clinical Research: The Carolina Data Warehouse for Health and Clinical Data Research Networks.

  North Carolina Institute of Medicine website. http://www.nciom.org/wp-content/uploads/2016/07/Data-Driven-Health-and-Clinical-Research.pdf. Published September 22, 2016.
- 57. US Department of Justice and the Federal Trade Commission. Statements of Antitrust Enforcement Policy in Health Care. Federal Trade Commission website. https://www.ftc.gov/sites/default/files/attachments/competition-policy-guidance/statements\_of\_antitrust\_enforcement\_policy\_in\_health\_care\_august\_1996.pdf. Published August 1996. Accessed February 2, 2017.
- 58. Gobeille v. Liberty Mutual Insurance, 577 U.S. 1, 13 (2016).
- 59. Jost T. Labor, IRS Propose New Health Plan Reporting Requirements; CMS Makes Its Case On Cost Sharing. Health Affairs Blog website. http://healthaffairs.org/blog/2016/07/12/labor-irs-propose-new-health-plan-reporting-requirements-cms-makes-its-case-on-cost-sharing/. Published July 12, 2016. Accessed January 20, 2017.
- 60. National Academy for State Health Policy Staff. Next Steps for APCDs: US Department of Labor (DOL) Rulemaking. NASHP website.. http://www.nashp.org/next-steps-for-apcds-us-department-of-labor-dol-rulemaking/. Published 2016. Accessed January 20, 2017.
- 61. Medical Expenditure Panel Survey. Table II.B.2.b.(1) Percent of private-sector enrollees that are enrolled in self-insured plans at establishments that offer health insurance by firm size and State: United States, 2015. US Dept of Health and Human Services. Agency for Healthcare Research and Quality websihttps://meps.ahrq.gov/data\_stats/summ\_tables/insr/state/series\_2/2015/tiib2b1. pdfAccessed February 3, 2017.
- 62. Confidentiality of Alcohol and Drug Abuse Patient Records. Fed. Reg. 42 CFR Part 2. https://www.law.cornell.edu/cfr/text/42/part-2. Accessed February 2, 2017.
- 63. Confidentiality of Substance Use Disorder Patient Records. Fed. Reg. 42 CFR Part 2. (Feb 9, 2016) https://s3.amazonaws.com/public-inspection.federalregister.gov/2016-01841.pdf. Accessed February 2, 2017.
- 64. James ST, Welch WF, Clerk DM. An Assessment of Opioid-Related Deaths in Massachusetts (2013-2014).; 2016. http://www.mass.gov/eohhs/docs/dph/stop-addiction/dph-legislative-report-chapter-55-opioid-overdose-study-9-15-2016.pdf#page=58. Massachusetts Health and Human Services. Published September 2016. Accessed January 30, 2017.
- 65. 65. Centers for Medicare & Medicaid Services. Medicare Part D Opioid Prescibing Drug Mapping Tool. CMS website. https://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/Medicare-Provider-Charge-Data/OpioidMap.html. Accessed March 10, 2017.
- 66. Pasquale MK, Joshi AV., Dufour R, et al. Cost Drivers of prescription opioid abuse in commercial and Medicare populations. Pain Pract. 2014;14(3):E116-E125.
- 67. Dufour R, Markekian MK, Schaaf D, Andrews G, Patel N. Understanding predictors of opioid abuse: predictive model development and validation. Am J Pharm Benefits. 2014;14(3)(5):208-216.
- 68. Centers for Medicare & Medicaid Services. State Data Requests Memo. Research Data Assistance Center website. http://www.resdac.org/sites/resdac.umn.edu/files/State Data Requests Memo.pdf. Published June 2012. Accessed January 20, 2017.
- 69. Qualified Entity Certification Program. Qualified Entity Certification Program for Medical Data. QECP website. https://www.qemedicaredata.org/SitePages/background.aspx. Published 2016. Accessed January 20, 2017.

## **REFERENCES**

- 70. Love D, Custer W, Miller P. All-Payer Claims Databases: State Initiatives to Improve Health Care Transparency. The Commonwealth Fund website. http://www.commonwealthfund.org/~/media/files/publications/issue-brief/2010/sep/1439\_love\_allpayer\_claims\_databases\_ib\_v2.pdf. Published September 2010. Accessed February 2, 2017.
- 71. The Henry L. Kaiser Family Foundation. State Health Facts. Health Insurance Coverage of the Total Population. KFF website. http://kff.org/other/state-indicator/total-population/?currentTimeframe=0&selectedRows=%7B%22nested%22:%7B%22north-carolina%22:%7B%7D%7D%7D. Published 2015. Accessed February 8, 2017.
- 72. Goodman DC, Morden NE, Ralston SL, Chang C-H, Parker M, Weinstein SJ. The Dartmouth Atlas of Children's Health Care in Northern New England. Dartmouth Atlas website. http://www.dartmouthatlas.org/downloads/atlases/NNE\_Pediatric\_Atlas\_121113.pdf. Accessed February 3, 2017.
- 73. National Association of Health Data Organizations. APCD Year in Review 2016: Activity at the State Level. APCD Council website. nhttps://www.nahdo.org/sites/nahdo.org/files/Conference/Annual\_31/APCD yearinreview\_Final\_10252016.pdf. Accessed February 3, 2017.