IN THE UNITED STATES DISTRICT COURT FOR THE NORTHERN DISTRICT OF ALABAMA SOUTHERN DIVISION

IN RE: **BLUE CROSS BLUE SHIELD** ANTITRUST LITIGATION (MDL No. 2406)

Master File No. 2:13-CV-20000-RDP

This Document Relates to **Provider Track Cases**

DECLARATION OF DANIEL SLOTTJE AND BRENDAN ROGERS

We, Daniel Slottje and Brendan Rogers, declare as follows:

I. **INTRODUCTION**

My name is Daniel Slottje. I am a Senior Advisor at Analysis Group. Inc. ("Analysis 1. Group"), an economic, financial, and strategy consulting firm. I have significant experience in providing litigation consulting services to clients in the healthcare industry. I have consulted and testified on healthcare litigation matters on topics such as class certification issues, the statistical reliability of the health insurance claims adjudication process with respect to under-reimbursement issues, the statistical reliability of health insurance claims databases, and antitrust issues in the healthcare industry. In April 2019, I submitted an expert report on behalf of Provider Plaintiffs in the Provider Track litigation which calculated damages using common evidence and a common methodology for all members of the Acute Care Hospital Provider Class in Alabama. I have

Expert Report of Daniel J. Slottje Ph.D. dated April 15, 2019.

submitted other expert reports and declarations in this litigation.² A copy of my curriculum vitae is attached as **Appendix A**.

- 2. My name is Brendan Rogers, and I am a Vice President at Analysis Group. I graduated magna cum laude with high honors and distinction from Kenyon College with a Bachelor of Arts degree in Economics. I received a Master of Business Administration degree from Georgetown University. I have more than 20 years of experience in the application of microeconomics, statistics, and finance to complex commercial litigations involving general damages issues, antitrust and competition, contractual disputes, and intellectual property. A copy of my curriculum vitae is attached as **Appendix B**.
- 3. On October 14, 2024, Whatley Kallas, LLP ("Provider Co-Lead Counsel") announced a settlement of this litigation that will provide changes in the business relationship between Blue Cross Blue Shield Association member plans (i.e., all 33 independent Blues) intended to transform the BlueCard Program.³ According to Provider Co-Lead Counsel, the Blues will make system improvements that will affect "how the Blues process claims, communicate with, and make payments to healthcare providers. The new transformation parameters outlined in the settlement help alleviate and address resource-draining administrative burdens and inefficiencies currently experienced by providers."4
- 4. Provider Co-Lead Counsel asked us to quantify the financial benefit to providers of Blue system improvements outlined in the settlement. We quantified the expected cost savings to

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⁽a) Declaration of Daniel J. Slottje in Support of Provider Plaintiffs' Response in Opposition to Defendants' Motion to Exclude Provider Plaintiffs' Expert Dr. Daniel J. Slottje dated November 23, 2020; (b) Declaration of Daniel J. Slottje in Support of Provider Plaintiffs' Motion to Exclude Defendants' Expert Kevin M. Murphy dated November 23, 2020; (c) Rebuttal Class Certification Expert Report of Daniel J. Slottje Ph.D. dated December 2, 2020; and (d) Rebuttal Merits Expert Report of Daniel J. Slottje Ph.D. dated February 1, 2021.

³ Provider Plaintiffs BCBS Antitrust Settlement Announcement Press Release.

Provider Plaintiffs BCBS Antitrust Settlement Announcement Press Release.

providers from spending less time on BlueCard Program-related administrative tasks. We also quantified the expected financial benefit to providers from the BlueCard Prompt Pay Commitment outlined in the settlement. If Blue system improvements outlined in the settlement are implemented as intended, the financial benefit to providers over the first ten years after implementation is approximately \$17.36 billion, or \$12.53 billion discounted to present value in year one. (*See* **Table 1**.)

Table 1
Providers' Expected Financial Benefit from Blue System Improvements⁵

Expected Financial Benefit (in \$ billions)	Value	Present Value
Ten Year Administrative Cost Savings	\$16.31	\$11.64
Fewer BlueCard Claims Require Follow Up	\$4.04	\$2.88
Less Time Spent on BlueCard Claim Follow Up	\$8.66	\$6.18
Less Time Spent on BlueCard Claim Pre-Submission Tasks	\$3.62	\$2.58
Five Year BlueCard Prompt Pay Commitment	\$1.05	\$0.89
Total	\$17.36	\$12.53

II. ADMINISTRATIVE COST SAVINGS

5. Blue system improvements outlined in the settlement help alleviate and address resource-draining administrative burdens and inefficiencies of the BlueCard Program currently experienced by providers.⁶ For example, a Blue system improvement expected to provide administrative cost savings is the "transformation of the BlueCard Program infrastructure through the development and implementation of a system-wide, cloud-based architecture that will increase access to critical information and allow Settlement Class Members to receive up-to-date, accurate

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See Exhibits 1-4.

Declaration of Matthew C. Katz dated January 31, 2025 ("Katz Declaration"), ¶ 10.

information as if they were a contracted provider of the Control/Home Plan, directly from their Local/Host Plan. This creation of a system-wide information platform and enhanced information sharing will facilitate Settlement Class Members' access to Member benefits and eligibility verification, pre-authorization requirements, and claims status tracking."

- 6. Another Blue system improvement expected to provide administrative cost savings to providers is the "implementation of Service Level Agreements, which commit the Settling Individual Blue Plans to respond promptly to BlueCard inquiries or pay financial penalties," reducing provider time spent submitting BlueCard claims by incentivizing improved Blue response time on BlueCard claim electronic eligibility inquiries and electronic claim status inquiries.
- 7. Another Blue system improvement expected to provide administrative cost savings to providers is the Blues' definition of "minimum data requirements for certain eligibility and benefits inquiries, to promote consistency among Settling Individual Blue Plans and give certainty to Settlement Class Members that they are submitting the necessary information." The definition of minimum data requirements can reduce provider time spent on certain eligibility and benefits inquiries when submitting BlueCard claims.
- 8. Another Blue system improvement expected to provide administrative cost savings to providers is the Blue Plan Common Appeals Form "common to all Settling Individual Blue Plans, so [providers] do not bear the administrative expense of complying with different appeal requirements for every Settling Individual Blue Plan." ¹⁰

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⁷ Long Form Notice, p. 6.

⁸ Long Form Notice, p. 7.

⁹ Long Form Notice, p. 8.

Long Form Notice, p. 8.

- 9. Another Blue system improvement expected to provide administrative cost savings to providers is the appointment of a BlueCard Executive "at each Settling Individual Blue Plan, who will be accountable to Settlement Class Members for BlueCard claims payment issues." ¹¹
- 10. Another Blue system improvement expected to provide administrative cost savings to providers is the "implementation of a real-time Blues internal messaging system to reduce the time it takes for the Settling Individual Blue Plans to respond to Providers' issues and disputes and enable Settling Individual Blue Plans to address Settlement Class Members' issues in near-real time."¹²
- 11. Responses to The BlueCard Customer Satisfaction Survey, Provider Office Staff Survey ("BlueCard CSS") produced in discovery capture the BlueCard Program-related administrative burdens and inefficiencies experienced by providers.¹³ The BlueCard CSS shows that providers follow up with the Blues on a larger share of BlueCard claims in comparison to Local Plan claims. On average, providers followed up with the Blues on approximately 19.2 percent of BlueCard claims compared to 14.1 percent of Local claims from 2008 through 2011.¹⁴
- 12. The BlueCard CSS shows that providers also spend more time following up on BlueCard claims in comparison to Local Plan claims. On average, 58.1 percent of the BlueCard claims that required follow up were resolved with one contact with the Blues from 2008 through

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Long Form Notice, p. 7.

Long Form Notice, p. 7.

The BlueCard CSSs are plan-specific reports which survey provider office staff and, among other things, are meant to provide plans with a "detailed analysis" of their performance and "identify areas needing improvement and allow [plans] to better understand [] providers' needs." *See*, e.g., BlueCard Customer Satisfaction Survey, Provider Office Staff Survey Results, 2011 Wave 11 Report, Blue Cross Blue Shield of Alabama (BCBSAL 0000096731 – 768, at 733). (Bracketed text added for clarification.)

BlueCard Customer Satisfaction Survey, Provider Office Staff Survey Results, 2009 Wave 11 Report, Blue Cross Blue Shield of Alabama (BCBSAL_0001919714 – 756, at 738). *See also*, BlueCard Customer Satisfaction Survey, Provider Office Staff Survey Results, 2011 Wave 11 Report, Blue Cross Blue Shield of Alabama (BCBSAL_0000096731 – 768, at 755).

2011.¹⁵ Providers spend from 20 minutes to two hours, or 1.17 hours on average, per claim in contact with the Blues on BlueCard claims that require follow up that are resolved with one contact with the Blues. 16 The remaining 41.9 percent of those BlueCard claims that required follow up were resolved in more than one contact with the Blues. Providers had 3.1 contacts with the Blues, on average, to resolve BlueCard claims that required more than one contact with the Blues. 17 Providers spend from 45 minutes to 2.5 hours, or 1.63 hours on average, per claim in contact with the Blues on BlueCard claims that require follow up that are resolved in three contacts with the Blues.¹⁸

- 13. By contrast, Providers spend from 5 minutes to 30 minutes, or 0.29 hours on average, per claim in contact with the Blues on Local Plan claims that require follow up with the Blues.¹⁹ The expected cost savings to providers from spending less time on BlueCard Program-related administrative tasks assumes that provider resource demands and administrative burdens of BlueCard claims will be the same as those of Local Plan claims if Blue system improvements outlined in the settlement are implemented as intended. We understand that this is a reasonable assumption.²⁰
- According to BlueCard Program Network/Discount Reports ("BlueCard NDRs")²¹ 14. produced in discovery, nationwide annual BlueCard claims volume ranged from 208.1 million to 223.1 million claims from 2008 through 2014, averaging 215.9 million claims per year over the

¹⁵ See Exhibit 1.

¹⁶ Katz Declaration, ¶ 13.

¹⁷ See Exhibit 1.

¹⁸ Katz Declaration, ¶ 13.

¹⁹ Katz Declaration, ¶ 14.

²⁰ Katz Declaration, ¶ 10.

²¹ BlueCard NDRs are inter-plan memos prepared by the BlueCross BlueShield Association ("BCBSA"). See, e.g., Fourth Quarter 2008 BlueCard Program Network/Discount Report. (BCBSA00699350 - 351, at 350.)

Program-related administrative tasks assumes 215.9 million BlueCard claims annually for ten years after implementation of the Blue system improvements outlined in the settlement.²³ We understand that the number of nationwide BlueCard claims in 2024 likely exceeded 215.9 million and is expected to increase in future years.²⁴ Thus, 215.9 million BlueCard claims per year for ten years after implementation of the Blue system improvements outlined in the settlement is a conservative assumption.

A. Fewer BlueCard Claims Require Provider Follow Up with the Blues

- 15. If Blue system improvements outlined in the settlement are implemented as intended, then the share of BlueCard claims on which providers follow up with the Blues is expected to decrease from 19.2 percent, the historical average for BlueCard claims, to 14.1 percent, the historical average for Local Plan claims. This expected decrease in share of BlueCard claims on which providers follow up with the Blues amounts to approximately 11.1 million BlueCard claims per year for which providers' administrative costs on time spent following up with the Blues are eliminated due to the Blue system improvements outlined in the settlement.²⁵
- 16. Based on the BlueCard CSS responses discussed above, it is assumed that 58.1 percent of the 11.1 million BlueCard claims per year (approximately 6.5 million claims per year) for which providers' administrative costs on time spent following up with the Blues are eliminated would have required one follow up contact with the Blues averaging 1.17 hours of time spent per

See Exhibit 1.

A ten-year forecast is generally an accepted forecast period. (*See*, e.g., Koller, T., Goedhart, M. H., & Wessels, D. (2020). *Valuation: Measuring and Managing the Value of Companies*. John Wiley & Sons, p. 260: "In general, we recommend using an explicit forecast period of 10 to 15 years – perhaps longer for cyclical companies or those experiencing very rapid growth.")

²⁴ Katz Declaration, ¶ 6.

See Exhibit 1.

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claim by providers, in the absence of the Blue system improvements outlined in the settlement. Based on the BlueCard CSS responses discussed above, it is assumed that 41.9 percent of the 11.1 million BlueCard claims per year (approximately 4.6 million claims per year) for which providers' administrative costs on time spent following up with the Blues are eliminated would have required three follow up contacts with the Blues averaging 1.63 hours of time spent per claim by providers, in the absence of the Blue system improvements outlined in the settlement.

17. If Blue system improvements outlined in the settlement are implemented as intended, providers are expected to avoid approximately 15.1 million hours per year in time spent following up on BlueCard claims because it is expected that fewer BlueCard claims will require follow up. 26 The \$23.45 median hourly wage for Medical Records Specialists as of May 2023 is grown two percent per year over the ten-year forecast period.²⁷ The annual administrative cost savings to providers from fewer BlueCard claims requiring follow up with the Blues is 15.1 million hours multiplied by the expected median hourly wage for Medical Records Specialists. The formula for quantifying the administrative cost savings to providers from fewer BlueCard claims requiring follow up is:

Expected Reduction in Number of BlueCard Claims Requiring Follow Up

Provider Time Spent on Follow Up (Hours per Claim)

Medical Records Specialist Expected Median Hourly Wage (\$ per Hour)

26 See Exhibit 1.

²⁷ See Exhibit 1. Note, the assumed 2 percent annual growth in the median hourly wage for Medical Records Specialists is based on the average growth rate of 2.25 percent over the period 2021-2023 per the U.S. Department of Labor.

18. If Blue system improvements outlined in the settlement are implemented as intended, the total administrative cost savings to providers from fewer BlueCard claims requiring follow up over the first ten years after implementation is approximately \$4.04 billion, or \$2.88 billion discounted to present value in year one. (See Exhibit 1.)

В. Less Provider Time Spent on BlueCard Claim Follow Up with the Blues

- 19. Blue system improvements are expected to reduce providers' time spent on BlueCard claim follow up in addition to reducing the number of BlueCard claims requiring follow up. If Blue system improvements outlined in the settlement are implemented as intended, then providers will also spend less time following up with the Blues on the expected 14.1 percent share of BlueCard claims (approximately 30.4 million claims per year) on which providers follow up with the Blues even with the Blue system improvements in place.²⁸ Providers' administrative cost savings from the Blue system improvements outlined in the settlement is the difference between time spent following up on BlueCard claims and the time spent following up on Local Plan claims.
- 20. As discussed above, providers spend from 5 minutes to 30 minutes, or 0.29 hours on average, per claim in contact with the Blues on Local Plan claims that require follow up with the Blues, which will be the same time spent for BlueCard claims if Blue system improvements outlined in the settlement are implemented as intended. Providers are expected to spend 0.29 hours in contact with the Blues on BlueCard claims that require follow up with the Blues, saving providers 0.88 hours of follow up on each BlueCard claim that would have required one follow up contact with the Blues and 1.33 hours of follow up on each BlueCard claim that would have required three

²⁸ See Exhibit 2.

follow up contacts with the Blues, in the absence of Blue system improvements outlined in the settlement.²⁹

- 21. Based on the BlueCard CSS responses discussed above, it is assumed that 58.1 percent of the 30.4 million BlueCard claims per year (approximately 17.7 million claims per year) on which providers follow up with the Blues even with the Blue system improvements in place would have required one follow up contact with the Blues in the absence of the Blue system improvements outlined in the settlement. Providers are expected to save 0.88 hours of follow up on each of these 17.7 million BlueCard claims per year. Based on the BlueCard CSS responses discussed above, it is assumed that 41.9 percent of the 30.4 million BlueCard claims per year (approximately 12.7 million claims per year) on which providers follow up with the Blues even with the Blue system improvements in place would have required three follow up contacts with the Blues in the absence of the Blue system improvements outlined in the settlement. Providers are expected to save 1.33 hours of follow up on each of these 12.7 million BlueCard claims per year.
- 22. If Blue system improvements outlined in the settlement are implemented as intended, providers are expected to avoid approximately 32.4 million hours per year in time spent following up on approximately 30.4 million BlueCard claims on which providers follow up with the Blues even with the Blue system improvements in place.³⁰ The annual administrative cost savings to providers from less time spent on BlueCard claim follow up is 32.4 million hours multiplied by the expected median hourly wage for Medical Records Specialists. The formula for quantifying providers' administrative cost savings from less time spent on expected BlueCard claim follow up is:

See Exhibit 2.

See Exhibit 2.

Expected Number of BlueCard Claims Requiring Follow Up

×

Provider Time Savings on Follow Up (Hours per Claim)

×

Medical Records Specialist Expected Median Hourly Wage (\$ per Hour)

23. If Blue system improvements outlined in the settlement are implemented as intended, the total administrative cost savings to providers from less time spent on expected BlueCard claim follow up over the first ten years after implementation is approximately \$8.66 billion, or \$6.18 billion discounted to present value in year one. (*See* Exhibit 2.)

C. Less Provider Time Spent on BlueCard Claim Pre-Submission Tasks

- 24. The expected provider cost savings from spending less time on BlueCard Program-related administrative tasks also include administrative tasks that occur before a BlueCard claim is submitted such as member eligibility verification and pre-authorization. Approximately 60 percent to 80 percent of BlueCard claims, or 70 percent on average, require member eligibility verification.³¹ Approximately 5.25 percent to 16.5 percent of BlueCard claims, or 10.9 percent on average, have pre-authorization.³²
- 25. Providers spend more time on member eligibility verification and pre-authorization for BlueCard claims in comparison to Local Plan claims. Providers spend from five minutes to ten minutes per BlueCard claim on member eligibility verification compared to 30 seconds to five

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³¹ Katz Declaration, ¶ 19.

Katz Declaration, ¶ 20.

minutes per Local Plan claim.³³ Providers spend approximately 15 minutes per BlueCard claim on pre-authorization compared to eleven minutes per Local Plan claim.³⁴

26. If Blue system improvements outlined in the settlement are implemented as intended, then providers will spend less time on member eligibility verification and preauthorization. Providers' administrative cost savings from the Blue system improvements outlined in the settlement is the difference between time spent on these pre-submission tasks for BlueCard claims and the time spent on these pre-submission tasks for Local Plan claims. Providers are expected to save 0.08 hours of time spent on member eligibility verification on each of the approximately 151.2 million BlueCard claims per year that require member eligibility verification. Providers are also expected to save 0.07 hours of time spent on pre-authorization on each of the approximately 23.5 million BlueCard claims per year that require pre-authorization.

27. If Blue system improvements outlined in the settlement are implemented as intended, providers are expected to avoid approximately 13.5 million hours per year in time spent on member eligibility verification and pre-authorization.³⁵ Expected provider time savings of 13.5 million hours per year is conservative because it does not account for a potential reduction in the number of BlueCard claims that require member eligibility verification and pre-authorization due to the Blue system improvements outlined in the settlement.³⁶ The annual administrative cost savings to providers from less time spent on member eligibility verification and pre-authorization is 13.5 million hours multiplied by the expected median hourly wage for Medical Records

Katz Declaration, ¶ 19.

Katz Declaration, ¶ 20.

See Exhibit 3.

Katz Declaration, ¶¶ 22 and 26.

Specialists. The formula for quantifying providers' administrative cost savings from less time spent on member eligibility verification and pre-authorization is:

Number of BlueCard Claims Requiring Pre Submission Tasks

X

Provider Time Savings on Pre Submission Tasks (Hours per Claim)

×

Medical Records Specialist Expected Median Hourly Wage (\$ per Hour)

28. If Blue system improvements outlined in the settlement are implemented as intended, the total administrative cost savings to providers from less time spent on member eligibility verification and pre-authorization over the first ten years after implementation is approximately \$3.62 billion, or \$2.58 billion discounted to present value in year one. (*See* Exhibit 3.)

D. Administrative Cost Savings Per Claim

29. For the approximately 2.16 billion BlueCard claims during the ten-year forecast period, the total administrative cost savings to providers resulting from Blue system improvements outlined in the settlement aimed to help alleviate and address resource-draining administrative burdens and inefficiencies of the BlueCard Program currently experienced by providers is approximately \$16.31 billion, or \$11.64 billion discounted to present value in year one. (See **Exhibits 1 – 3.**) This equates to approximately \$7.55 per BlueCard claim, or \$5.39 per BlueCard claim discounted to present value in year one. (See **Exhibits 1 – 3.**) While this is an average and individual providers' administrative cost savings will vary, the analysis above indicates that the administrative cost savings on a per-claim basis are significant.

III. BlueCard Prompt Pay Commitment

30. To address the gap in application of state prompt pay laws to BlueCard claims, the Blues agreed to a timeliness commitment for payment of fully insured Clean BlueCard claims, with a requirement that the Settling Individual Blue Plans pay interest when payment is made later than the Prompt Pay Period, as well as timely notice of defective claims and explanation for denied claims.³⁷ The Settlement Agreement states: "For each Clean BlueCard Claim for Covered Services with respect to which Local/Host Blue Plan has directed the issuance of a check or the electronic funds transfer later than the applicable Prompt Pay Period, the Local/Host Blue Plan shall pay interest at a rate of eight percent (8%) per annum on the allowed amount owed by the Settling Individual Blue Plan on each such claim…"³⁸ The interest payments shall be paid through "the conclusion of the Monitoring Period,"³⁹ defined as "the period of five (5) years from the Effective Date."⁴⁰

31. According to the Blues' quarterly enrollment reports ("BCBS Enrollment Reports")⁴¹ produced in discovery, fully insured members' share of nationwide Blue enrollment was 48.5 percent, on average, from 2012 through 2015.⁴² Based on the BCBS Enrollment Reports, it is assumed that there will be 104.7 million fully insured member BlueCard claims annually for five years after implementation of the BlueCard Prompt Pay Commitment outlined in the settlement.⁴³

Long Form Notice, p. 7.

Settlement Agreement, p. 33.

Settlement Agreement, p. 51.

Settlement Agreement, p. 12.

See, e.g., BlueCross and BlueShield Licensees, Total Members by Line of Business as of December 31, 2012 (BCBSA00166276.xlsx, at tab "QER-Table 1"). The proportion of fully-insured is calculated as 1 minus the share of self-funded enrollees divided by total enrollees.

See Exhibit 4.

See Exhibit 4.

- 32. According to Blue claims data produced in discovery, facilities' share of BlueCard claims was 14.1 percent, on average, from 2008 through 2014.⁴⁴ Based on the Blue claims data, it is assumed that there will be approximately 14.8 million fully insured member facility BlueCard claims and approximately 89.9 million fully insured member professional BlueCard claims annually for five years after implementation of the BlueCard Prompt Pay Commitment outlined in the settlement.⁴⁵
- 33. The Blues' IPDS database produced in discovery has Blue claims data that identify the number of days to payment for facility and professional BlueCard claims. According to the IPDS database, the share of facility BlueCard claims that were paid after 30 days was 18.9 percent, on average, from 2011 through 2014.⁴⁶ The share of professional BlueCard claims that were paid after 30 days was 9.6 percent, on average, from 2011 through 2014.⁴⁷ Based on the Blue claims data from the IPDS database, it is assumed that approximately 2.8 million fully insured member facility BlueCard claims and 8.6 million fully insured member professional BlueCard claims will be paid after 30 days each year for five years after implementation of the BlueCard Prompt Pay Commitment outlined in the settlement.⁴⁸
- 34. According to the IPDS database, the average annual allowed amount per facility BlueCard claim paid after 30 days was \$5,144 from 2011 through 2014.⁴⁹ The average annual allowed amount per professional BlueCard claim paid after 30 days was \$353 from 2011 through 2014.⁵⁰ Based on the Blue claims data from the IPDS database, it is assumed that the dollar amount

See Exhibit 4.

paid late for each of the 2.8 million fully insured member facility BlueCard claims and 8.6 million fully insured member professional BlueCard claims is \$5,144 and \$353, respectively.

35. According to the IPDS database, the median of the annual median number of days that a facility BlueCard claim was paid after 30 days was 54 from 2011 through 2014.⁵¹ The median of the annual median number of days that a professional BlueCard claim was paid after 30 days was 68 from 2011 through 2014.⁵² Based on the Blue claims data from the IPDS database, it is assumed that the number of days to payment greater than 30 days for each of the 2.8 million fully insured member facility BlueCard claims and 8.6 million fully insured member professional BlueCard claims is 54 and 68, respectively. The formula for quantifying providers' potential financial benefit from the BlueCard Prompt Pay Commitment is:

Number of Fully Insured BlueCard Claims Paid After 30 Days

×

Allowed Amount Per BlueCard Claim Paid After 30 Days

$$(1+0.08)^{\frac{Days\ Paid\ After\ 30\ days}{365}}-1$$

36. The providers' potential financial benefit of the BlueCard Prompt Pay Commitment is approximately \$1.05 billion, or \$890 million discounted to present value in year one. (*See* **Exhibit 4**.)

IV. The Value of the Injunctive Relief Includes Significant Value to Healthcare Providers That Is Not Quantified in This Declaration

37. We understand that the injunctive relief described above will enable healthcare providers to identify, track, appeal, and reverse BlueCard claims that are denied.⁵³ The result would

⁵¹ See Exhibit 4.

⁵² See Exhibit 4.

Katz Declaration, ¶ 23.

be a significant increase in revenue for healthcare providers that is not accounted for in this declaration.⁵⁴

38. We understand that the settlement also includes several categories of injunctive relief beyond the ones whose value to providers is quantified above, including new opportunities to enter into value-based care arrangements and to provide telehealth services.⁵⁵ Quantifying the value to providers of these categories of relief was beyond the scope of our assignment.

Analysis Group is being compensated at a rate of \$1,595 per hour for Daniel Slottje's time and \$970 per hour for Brendan Rogers's time. This payment is not contingent on the outcome of this litigation.

We declare under penalty of perjury that the foregoing is true and correct. Executed on January 31, 2025.

DANIEL SLOTTJE

Declarant

BRENDAN ROGERS

Declarant

rendan Kozur

Katz Declaration, ¶ 23.

Katz Declaration, \P 22 and 32.

APPENDIX A

DANIEL SLOTTJE, PH.D. Senior Advisor

Mobile: 214 732 9170 Park Place Center Main: 214 523 1421 2911 Turtle Creek Boulevard Dallas, TX 75219 daniel.slottje@analysisgroup.com

Professor Slottje is an economist and statistician with deep academic and consulting experience in the area of antitrust and competition. He has frequently testified at deposition and trial in antitrust-related matters, for which he has performed price-fixing analysis, quantification of market power, analysis of claims of anticompetitive conduct, monopsonization, monopolization, and lost profit analysis, among other analyses. Professor Slottje's publications on antitrust issues have included articles in *Scientometrics*, Econometric Reviews, the Journal of Econometrics, the Journal of Economic Surveys, and the Law and Business Review of the Americas.

An emeritus professor of economics at Southern Methodist University, Professor Slottje has worked in litigation consulting for more than three decades in senior positions with several international firms. He has been ranked among the world's top three scholars in applied econometrics based on his publishing record in the field. Professor Slottje is a member of the American Economic Association, the American Statistical Association, and The Econometric Society.

EDUCATION

1983 Ph.D., economics, Texas A&M University

1979 B.A., economics, Clemson University

PROFESSIONAL EXPERIENCE

2022–Present Analysis Group, Inc.

Senior Advisor

Southern Methodist University 1984–Present

Professor Emeritus (2013–Present)

Professor (1984–2013)

2003-2022 FTI Consulting, Inc.

Senior Managing Director

1995-2003 **KPMG** International

Partner

SELECTED ANTITRUST ENGAGEMENT EXPERIENCE

- Analysis of price-fixing
- Quantification of market power
- Analysis of anticompetitive claims

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- Analysis of monopsonization claims
- Analysis of monopolization claims
- Analysis of lost profits
- Analysis of relevant antitrust markets
- Analysis of predatory pricing
- Quantification of damages

EXPERT TESTIMONY

Professor Slottje has appeared live at trial over 100 times and given over 200 depositions from 1987 to the present. Herein is his testimony history since 2006.

- Melissa Fukuchi, individually and on behalf of all other similarly situated v. <u>Pizza Hut, Inc.</u>, a California Corporation, And Does 1 through 50, Inclusive. NO. BC302589
 Superior Court of California, County of Los Angeles Central
 Deposition 01/19/2006
- David Jurado and Penny Schultz v. <u>Hewlett-Packard Company</u>. CV 025620 Superior Court of California, County of San Joaquin Deposition 04/10/2006
- <u>Xenium S.A. de C.V.</u> v. Regent Hotels Worldwide, Inc. 12 296/JNK International Court of Arbitration, Dallas Arbitration 04/20/2006
- Avid Identification Systems, Inc. v. <u>Philips Semiconductors</u>, Inc., <u>Philips Semiconductor Manufacturing</u>, Inc., <u>The Crystal Import Corporation</u>, and <u>Datamars</u>, <u>SA</u>. 2:04-CV-183
 US District Court, Eastern District of Texas, Marshall Division
 Trial 05/24/2006
- Nutrition 21, LLC v. General Nutrition Corporation. 6:05-CV-228(LED)
 US District Court, Eastern District of Texas, Tyler Division
 Deposition 10/27/2006
- Ellen Schaaf, Plaintiff, v. SmithKline Beecham Corporation d/b/a/ GlaxoSmithKline; SmithKline Beecham Corporation; and GlaxoSmithKline. 1:04-CV-2346-GET
 US District Court, Northern District of Georgia, Atlanta Division
 Deposition 01/17/2007
- In re: Apollo Group, Inc. Securities Litigation. CV 04-2147-PHX-JAT US District Court, District of Arizona Deposition 02/02/2007

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Orion IP, LLC v. <u>Hyundai Motor America</u>. 6:05-CV322-LED
 US District Court, Eastern District of Texas, Tyler Division

Deposition 02/15/2007

Network-1 Security Solutions, Inc. v. <u>D-Link Corporation and D-Link Systems, Incorporated</u>. 6:05-cv-00291

US District Court, Eastern District of Texas, Tyler Division Deposition 03/28/2007

• Orion IP, LLC v. Mercedes-Benz USA LLC, et al. 6:05-CV-322

US District Court, Eastern District of Texas, Tyler Division Trial 05/25/2007

Miguel Garcia v. Lowe's Company, Inc.; Lowe's Home Centers, Inc.; Lowes' HIW, Inc.; Dedicated Delivery & Install Services, Inc.; Victor Manuel Montes, doing business as Cash Cow; and DOES 1-100 inclusive. GIC 841120

Superior Court of the State of California, County of San Diego Deposition 05/30/2007

- Trading Technologies International, Inc. v. <u>eSpeed, Inc., et al.</u> C.A. No. 03-612 (KAJ)
 US District Court, Northern District of Illinois, Eastern Division
 Deposition 09/07/2007
- Greg Randall, Cynthia Peterson, and Terry Head, on behalf of themselves and all others similarly situated and on behalf of the general public v. Costco Wholesale Corporation, a Washington corporation doing business as Costco, and DOES 1 through 100, inclusive. BC 296369
 Superior Court of the State of California, County of Los Angeles
 Deposition 09/13/2007
- Trading Technologies International, Inc. v. <u>eSpeed, Inc., et al.</u> C.A. No. 03-612 (KAJ) US District Court, Northern District of Illinois, Eastern Division Trial 09/28/2007
- MS Perry Company, Inc. and ANISA International, Inc. v. Mary Kay Inc. 05-00857
 68th Civil District Court of Dallas County
 Deposition 12/05/2007
- Dennis Johnson and Arnold Rosenfeld, individually and on behalf of others similarly situated v.
 <u>GRUMA CORPORATION</u>, a Nevada corporation, dba MISSION FOODS CORPORATION; and DOES 1 through 100, inclusive. 1220026252

JAMS Arbitration Los Angeles, CA Deposition 03/28/2008

In the Matter of Mechanical and Digital Phonorecord Delivery Rate Adjustment Proceeding (Representing the Recording Industry of America). 2006-3 CRB DPRA

Copyright Royalty Judges Library of Congress Washington, DC Adjustment Proceeding 05/07/2008

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Dennis Johnson and Arnold Rosenfeld, individually and on behalf of others similarly situated v.
 GRUMA CORPORATION, a Nevada corporation, dba MISSION FOODS CORPORATION; and DOES 1 through 100, inclusive. 1220026252

JAMS Arbitration Los Angeles, CA Arbitration 05/15/2008

 Nelson Gonzalez, Marco Garcia, Reymundo Garcia, Aymer Avila, Julian Nunez, Luis A. Arteaga, Juan Carlos Torres, Roberto Lopez, and Nestor Alvarez, et al. v. <u>Freedom Communications, Inc.</u>, d/b/a/ The Orange County Register. 03CCO8756

Superior Court of the State of California County of Orange, Central Justice Center Deposition 09/17/2008

Trish Wren and Cynthia Piper et. al., individually and on behalf of others similarly situated, Plaintiffs, v. <u>RGIS Inventory Specialists, LLC, RGIS, LLC</u>, and Does 1-25 Inclusive, Defendants. 3:06-cv-05778 JCS

US District Court, Northern District of California Deposition 10/30/2008

Raytheon Company, Plaintiff, v. <u>Indigo Systems Corporation</u> and <u>FLIR Systems, Inc.</u>, Defendants.
 Case No. 4:07 cv 109

US District Court, Eastern District of Texas, Sherman Division Deposition 12/19/2008

■ The American Medical Association, et al., Plaintiffs, v. <u>United Healthcare Corporation</u>, et al., Defendants. Master File No. 00 Civ. 2800 (LMM) (GWG)

US District Court, Southern District of New York Hearing 03/31/2009, 04/01/2009

Franchez Isaguirre, et al., Plaintiffs, v. <u>Guess ?, Inc.</u>; and Does 1 to 50, Inclusive, Defendants.
 Case No. BC357631

Superior Court of the State of California, County of Los Angeles Deposition 04/13/2009

- Centocor, Inc., and New York University, Plaintiffs, v. <u>Abbott Laboratories</u>, <u>Abbott Bioresearch</u>
 <u>Center, Inc.</u>, and <u>Abbott Biotechnology LTD.</u>, <u>Defendants</u>. Civil Action No. 2-07-cv-139 (TJW)
 US District Court, Eastern District of Texas, Marshall Division
 Deposition 04/17/2009
- Eduardo Rios, et al., Plaintiffs, v. <u>Jennie-O Turkey Store, Inc. A Minnesota corporation</u>, West Central Turkeys, Inc. a/k/a Pelican Turkeys, Inc.), and Heartland Foods Co., Defendants. Court File No. EM 03-020489

State of Minnesota Fourth Judicial District, Hennepin County District Court Deposition 06/09/2009

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Centocor Ortho Biotech, Inc., and New York University, Plaintiffs, v. <u>Abbott Laboratories, Abbott Bioresearch Center, Inc., and Abbott Biotechnology Ltd.</u>, Defendants. Civil Action No. 2-07-cv-139 (TJW)

US District Court, Eastern District of Texas, Marshall Division Trial 06/22/2009

<u>Becton Dickinson and Company, and MDC Investment Holdings, Inc.</u>, Plaintiffs, v. Retractable Technologies, Inc., Defendant. Civil Action No. 5:07-cv-137

US District Court, Eastern District of Texas, Texarkana Division Deposition 07/14/2009

- <u>Autodesk, Inc.</u> v. Dassault Systèmes SolidWorks Corporation. Civil Action No. 3:08-cv-4397 WHA US District Court, Northern District of California, San Francisco Division Deposition 11/17/2009
- Marvell Semiconductor, Inc., Marvell Asia Pte., Ltd., and Marvell Intl., Ltd., Plaintiffs, v. Commonwealth Scientific and Industrial Research Organization, Defendants. Civil Action No. 6:07-CV-204

US District Court, Eastern District of Texas, Tyler Division Deposition 01/25/2010

TRISHA WREN and CYNTHIA PIPER et. al., individually and on behalf of others similarly situated, Plaintiffs, v. RGIS Inventory Specialists, LLC, RGIS, LLC, and Does 1-25 Inclusive, Defendants. Civil Action No. 3:06-cv-05778 JCS

US District Court, Northern District of California
Deposition 04/15/2010

IN RE: <u>AETNA</u> UCR LITIGATION. Civil Action No. 2:07-CV-3541

US District Court, District of New Jersey Deposition 05/05/2010

Christopher Williams, on behalf of himself and all others similarly situated, Plaintiffs, v. <u>Allstate</u>
 <u>Insurance Company, an Illinois Corporation</u>; and DOES 1 to 100, Inclusive, Defendants. Case No. BC 382577

Superior Court of the State of California, County of Los Angeles, Central District Deposition 06/24/2010

- IN RE: <u>AETNA</u> UCR LITIGATION. Civil Action No. 2:07-CV-3541 (FHS) (PS) / MDL No. 2020
 US District Court, District of New Jersey
 Deposition 12/16/2010
- Darlery Franco, et al., Plaintiffs, v. Connecticut General Life Insurance Co., <u>CIGNA Corporation</u> and <u>CIGNA Health Corporation</u>, Defendants. Case No. 07-cv-6039 (SRC) (PS)

US District Court, District of New Jersey

Deposition 12/16/2010

Daniel Slottje, Ph.D., Page 6 of 27

Maria Hernandez, on behalf of herself and others similarly situated, Plaintiff, v. Anna's Linens, and Does 1 through 50 inclusive, Defendants. Case No. GIC 840481
 Superior Court of the State of California, County of San Diego
 Deposition 01/18/2011

L'Oreal USA S/D, Inc., as successor-in-interest to Matrix Essentials, Inc., Plaintiff, v. Bot Hair, L.P., Hair of Nevada, LLC; and SD Hair, Ltd., and Does 1-50, inclusive, <u>Armstrong McCall, LP</u>, Defendants. Case No. 37-2008-00078490-CU-BCTL

Superior Court of the State of California, County of San Diego Deposition 05/03/2011

SD Hair, LTD., and Hair of Nevada, LLC, Cross-Complainant, v. <u>Armstrong McCall, LP, Beauty Systems Group LLC</u>, L'Oreal USA S/D, Inc., a Delaware Corporation and ROES 1-20, inclusive, Cross-Defendants.

Superior Court of the State of California, County of San Diego Deposition 05/03/2011

- Convolve, Inc., Plaintiff, v. Dell Inc., Western Digital Corporation, Hitachi Global Storage Technologies, Inc., and Hitachi LTD., Defendants. Civil Action No. 2:08-cv-244 US District Court, Eastern District of Texas, Marshall Division Deposition 05/20/2011
- Convolve, Inc., Plaintiff, v. Dell Inc., Western Digital Corporation, Hitachi Global Storage Technologies, Inc., and Hitachi LTD., Defendants. Civil Action No. 2:08-cv-244 US District Court, Eastern District of Texas, Marshall Division Trial 07/25/2011
- Mohit Narayan, Hanna Rahawi, Thomas Heath and Ugo Iheonu, et al. v. <u>EGL, INC., a Texas</u> <u>Corporation; CEVA Freight, LLC</u>, a Delaware Corporation, and DOES 2-10, inclusive. Case No. C 05-04181 RMW

US District Court, Northern District of California Deposition 08/19/2011

- JACK JIMENEZ; individually, and on behalf of other members of the general public similarly situated, Plaintiffs, v. <u>ALLSTATE INSURANCE COMPANY</u>, an Illinois corporation; and DOES 1 to 100, Inclusive, Defendants. Case No. CIV10-08486 AHM
 US District Court Central District of California
 Deposition 10/25/2011
- GLOBAL TOTAL OFFICE LIMITED PARTNERSHIP, an Ontario, Canada limited partnership, and GLOBAL INDUSTRIES, INC., a Maryland corporation, Plaintiff, v. GLOBAL ALLIES, LLC, a California limited liability company, Defendant. Civil Action No. 10-cv-01896 US District Court Northern District of Illinois, Eastern Division
 Deposition 11/08/2011

Daniel Slottje, Ph.D., Page 7 of 27

<u>Larry Lattig</u>, Litigation Trustee for the First Magnus Litigation Trust v. Eril T. Lutz, et al. Case No. A1003885

Court of Common Pleas, Hamilton County, Ohio Deposition 12/21/2011

- Keith Britto, an individual; Justin Cowan, an individual; for themselves and those similarly situated; Roes 1 through 50,000 inclusive; and the putative class, Plaintiffs, v. ZEP Manufacturing Company, a Delaware corporation; and Does 1 through 100, inclusive, Defendants. VG-10553718 Superior Court of the State of California, County of Alameda Deposition 02/06/2012
- Commonwealth Scientific and Industrial Research Organisation, Plaintiff, v. Lenovo (United States) Inc., et al., Defendants (Sony Corporation, et al.). Case No. 6:09-cv-399, 6:09-cv-400, 6:09-cv-401

US District Court, Eastern District of Texas, Tyler Division Deposition 03/08/2012

- Mary Pytelewski, Eric Stiller and Joseph Moro, et al., on behalf of themselves individually and all others similarly situated, Plaintiffs, v. Costco Wholesale Corporation; Wireless Advocates, LLC; and Does 1 through 25, inclusive, Defendants. Case No. 3:09-cv-02473-H-BLM US District Court, Southern District of California
 Deposition 03/19/2012
- Audrey Wilson, Helene Diamond, Connie Gilbert, Suing individually, and on behalf of all others Similarly Situated, Plaintiffs, v. <u>Farmers Insurance Exchange</u> and Defendant Does 1 through 200, Inclusive, Defendants. Case No. BC 371597

Superior Court of the State of California, County of Los Angeles Deposition 9/19/2012

Liliana Espejo, et al., Plaintiffs, v. <u>The Copley Press Inc.</u>, a Corporation d/b/a The San Diego <u>Union-Tribune</u>, et al., Defendants. Case No. 37-2009-0082322
 Superior Court of the State of California, County of San Diego

Deposition 05/06/2013

Liliana Espejo, et al., Plaintiffs, v. <u>The Copley Press Inc., a Corporation d/b/a The San Diego Union-Tribune, et al.</u>, Defendants. Case No. 37-2009-0082322

Superior Court of the State of California, County of San Diego Trial 06/12/2013

■ T.M. Patents, L.P. and T.M. Creditors LLC, Plaintiffs, v. <u>Cisco Systems, Inc.</u>, Defendants. Case No. 1:12cv11418

US District Court, District of Massachusetts Deposition 10/03/2013

Daniel Slottje, Ph.D., Page 8 of 27

 <u>Viasat, Inc., Plaintiff</u>, v. Space Systems/Loral, Inc., Loral Space & Communications Inc., Defendants. Case No. 3:12-cv-00260

US District Court, Southern District of California Deposition 12/10/2013

- ThinkOptics, Inc. v. <u>Nintendo of America, Inc.</u>, et al. Civ. No. 6:11-CV-455
 US District Court, Eastern District of Texas
 Deposition 12/13/2013
- <u>Viasat, Inc., Plaintiff</u>, v. Space Systems/Loral, Inc., Loral Space & Communications Inc., Defendants. Case No. 3:12-cv-00260 US District Court, Southern District of California Trial 3/24/2014–4/5/2014
- Jennifer Grabianski, et al., Plaintiffs, v. <u>Bally Total Fitness Holding Corporation</u>, L.A. Fitness International, LLC, and Fitness International, LLC, Defendants. Case No. 1:12-cv-284 US District Court, Northern District of Illinois Eastern Division Deposition 06/25/2014
- Raytheon Company, Plaintiff, v. <u>Indigo Systems Corporation</u>, and <u>FLIR Systems, Inc.</u>, Defendants. Case No. 4:07-cv-00109

US District Court, Eastern District of Texas, Plano Division Trial 11/17/2014–11/18/2014

- <u>Microscan Systems, Inc.</u>, Plaintiff, v. Cognex Corporation, Defendant. Case No. 1:14-cv-6952
 US District Court, Southern District of New York
 Deposition 01/28/2015
- Commonwealth Scientific and Industrial Research Organisation, Plaintiff, v. Mediatek Inc., et al. (<u>Amazon</u>), Defendant. Case No. 6:12-cv-578

US District Court, Eastern District of Texas Deposition 03/17/2015

- <u>Microscan Systems, Inc.</u>, Plaintiff, v. Cognex Corporation, Defendant. Case No. 1:14-cv-6952
 US District Court, Southern District of New York
 Trial 04/24/2015
- Temple-Inland, Inc., Plaintiff, v. Thomas Cook, (<u>State of Delaware</u>) et al., Defendants. Case No. 1:14-cv-00654

US District Court, District of Delaware Deposition 10/07/2015

Raymond Alfred, et al, Plaintiff, v. <u>Pepperidge Farm, Inc. a Connecticut Corporation</u> and Does 1-100, Inclusive, Defendants. Case No. 2:14-cv-07086

US District Court, Central District of California Deposition 11/17/2015

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• Arapahoe Surgery Center, LLC, et al, Plaintiffs and Counterclaim Defendants, and Surgical Center Development, Inc. d/b/a SurgCenter Development, Counterclaim Defendants, v. CIGNA Healthcare, Inc., et al., Defendants. Case No. 1:13-cv-03422
US District Court, District of Colorado
Deposition 06/28/2016

UNITED STATES OF AMERICA, ex rel. CARLOS URQUILLA-DIAZ, Relator, Plaintiff v. KAPLAN, INC., KAPLAN UNIVERSITY a/k/a KAPLAN COLLEGE a/k/a IOWA COLLEGE ACQUISITION CORP., KAPLAN HIGHER EDUCATION CORPORATION, a division of KAPLAN, INC., formally a wholly owned subsidiary of the Washington Post Company, Defendant. Case No. 09-20756

US District Court, Southern District of Florida Deposition 01/14/2017

■ Timothy McCleery, et al., Plaintiffs, v. Allstate Insurance Company, Allstate Group, Inc., CIS Group, LLC, North American Compass Insurance Services Group, LLC, Capital Personnel Services, Inc., Advanced Field Services, Inc., and Does 1 through 30, inclusive, Defendants. Case No. BC 410865

Superior Court of the State of California, County of Los Angeles Deposition 02/28/2017

Wells Fargo Bank Northwest National Association, Plaintiffs, v. <u>Airbus Helicopters Inc.</u>,
 Defendants. Case No. DC-16-09090

District Court of Dallas County, Texas Deposition 09/26/2017

• Era Group Inc., Plaintiff, v. <u>Airbus Helicopters, Inc., and Airbus Helicopters S.A.S.</u>, Defendants. Case No. DC-16-15017

District Court of Dallas County, Texas Deposition 05/25/2018

 Darron Pederson, Plaintiff, v. <u>Apple Inc.</u> and DOES 1-25, inclusive, Defendants. Case No. 1:12cv235530

Superior Court of the State of California, County of Santa Clara Deposition 05/31/2018

• Nathan Cozzitorto, et al., Plaintiffs, v. <u>American Automobile Association of Northern California Nevada and Utah</u>, et al., Defendants. Case No. MSC 13-02656

Superior Court of the State of California, County of Contra Costa Deposition 09/13/2018

Jack Jimenez, individually, and on behalf of other members of the general public similarly situated, Plaintiff, v. <u>Allstate Insurance Company</u>, an Illinois corporation; and DOES 1 to 100, Inclusive, Defendants. Case No. CIV10-08486 AHM (FFMx)

US District Court, Central District of California Deposition 09/14/2018

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Estella F. Hughes, as an individual and on behalf of all others similarly situated, Plaintiff, v.
 <u>Lincare, Inc., a Delaware corporation; Lincare Holdings, Inc., a Delaware Corporation; Robert Fosdick; and DOES 1 through 20, inclusive, Defendants. Case No. M124764</u>
 Superior Court of the State of California, County of Monterey
 Deposition 12/12/2018

 Buying Power, Inc., Plaintiff, v. <u>Graybar Electric Company, Inc.</u> and Greg Hochheiser, Defendants. Cause No. 2017-37325

District Court of Harris County, Texas 270th Judicial District Deposition 01/30/2019

IN RE: <u>BLUE CROSS BLUE SHIELD</u> ANTITRUST LITIGATION (MDL No. 2406). Case No. 2:13-cv-20000

US District Court, Northern District of Alabama, Southern District Deposition 05/09/2019

David Deluca and Barry Francis individually and on behalf of all others similarly situated, and on behalf of the general public, and Melissa Laughlin, individually Plaintiffs, v. <u>Farmers Insurance Exchange</u>, Farmers Group, Inc., Farmers Insurance Company, Inc., AND Farmers Specialty Insurance Company, Inc., Defendants. Case No. 3:17-cv-00034

US District Court, Northern District of California Deposition 10/14/2019

■ IN RE: <u>BLUE CROSS BLUE SHIELD</u> ANTITRUST LITIGATION (MDL No. 2406). Case No. 2:13-cv-20000

US District Court, Northern District of Alabama, Southern District Deposition 01/08/2021

 Alejandro Bucio, et al., Plaintiffs, v. <u>ABM Industries Incorporated</u>, a Delaware corporation, et al. Defendants. JCCP No. 4502

Superior Court of the State of California Deposition 02/25/2021

■ IN RE: <u>BLUE CROSS BLUE SHIELD</u> ANTITRUST LITIGATION (MDL No. 2406). Case No. 2:13-cv-20000

US District Court, Northern District of Alabama, Southern District Deposition 03/12/2021

• Miguel Montoya; individually and on behalf of other members of the general public similarly situated; Plaintiff, v. <u>Ameron International Corporation</u>, an unknown business entity; Ameron Water Transmission Group, LLC, an unknown limited liability company, and DOES 2 through 100, inclusive, Defendants. Case No. CIVDS1718377

Superior Court of the State of California, County of San Bernardino Deposition 07/14/2021

Daniel Slottje, Ph.D., Page 11 of 27

Nathaniel Morgan, an individual; Michael Bevan, an individual; individually, and on behalf of others similarly situated, Plaintiffs, v. <u>ROHR, Inc.</u>, a corporation; Hamilton Sundstrand, d/b/a UTC Aerospace Systems d/b/a Collins Aerospace; United Technologies Corporation; Defendants. Case No. 3:20-cv-00574-GPC-AHG

US District Court, Southern District of California Deposition 07/22/2021

Jessica Robinson, Stacey Jennings, and Priscilla McGowan; individually, and on behalf of others similarly situated, Plaintiffs, v. <u>Jackson Hewitt Inc. and Tax Services of America, Inc.</u>, Defendants. Case No. 2:19-cv-09066

US District Court, District of New Jersey Deposition 06/08/2022

• <u>Chevron Corporation (USA)</u> and Texaco Petroleum Company (USA), Claimants, v. The Republic of Ecuador, Respondent. Case No. 2009-23

Permanent Court of Arbitration Arbitration 08/17/2022

 Think20 Labs LLC, Plaintiff, v. <u>Perkinelmer Health Sciences, Inc.</u>, Defendant. Case No. 8:21-cv-00541

US District Court, Central District of California Deposition 02/09/2023

 Denver Davis, Plaintiff, v. Amazon Canada Fulfillment Services, ULC, Amazon.com, Inc. and <u>Amazon.com.ca, Inc.</u>, Defendants. Court File No. CV-20-00642361-00CP

Ontario Superior Court of Justice

Deposition 02/13/2023

The State of Texas, Plaintiff, v. Google LLC, Defendant. Case No. 22-01-88230-D District Court of Victoria County, Texas, 377th Judicial District Deposition 06/03/2024

 Buying Power, Inc., Plaintiff, v. <u>Graybar Electric Company, Inc.</u> and Greg Hochheiser, Defendants. Case No. 2017-37325

District Court of Harris County, Texas, 270th Judicial District Trial 06/06/2024

<u>Underlined</u> text denotes party (or parties) Professor Slottje assisted.

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CURRICULUM VITAE

ACADEMIC EXPERIENCE

2014–Present Southern Methodist University, Department of Economics Dallas, TX Professor Emeritus 1996-2014 Southern Methodist University, Department of Economics Dallas, TX Professor 1995 University of Melbourne, Department of Economics Melbourne, Australia Visiting Professor 1994 UpJohn Institute for Employment Research Research Fellow 1991 S.U.N.Y. Binghamton, Department of Economics Binghamton, NY Visiting Professor 1989-1995 Southern Methodist University, Department of Economics Dallas, TX Associate Professor 1988 Luxembourg Income Study Summer Workshop Series Walferdange, Luxembourg Faculty Member 1984-1988 Southern Methodist University, Department of Economics Dallas, TX Assistant Professor

University of North Texas, Department of Economics

TEACHING EXPERIENCE

1983

- Law and Economics
- Econometric Theory and Applications

Assistant Professor

Denton, TX

- Labor Economics
- Human Resource Economics
- Intermediate Microeconomic Theory
- Applied Demand Analysis
- Mathematical Economics

Daniel Slottje, Ph.D., Page 13 of 27

- Industrial Organization
- Regulation and Antitrust
- History of Thought
- Microeconomic and Macroeconomic Principles

PROFESSIONAL MEMBERSHIPS

American Economic Association

American Statistical Association

The Econometric Society

OTHER PROFESSIONAL ACTIVITIES

United Nations Development Programme

Consultant

National Science Foundation

Reviewer

Social Science and Humanities Research

Council of Canada

Reviewer

Cambridge University Press

Reviewer

Oxford University Press

Reviewer

Scientific Committee for International Conference on Gini and Lorenz, May 2005,

Siena, Italy *Member*

International Program Committee for International Conference on Time Series Econometrics, Finance and Risk, July 2006,

Perth, Australia

Member

Journal of Econometrics

Fellow

International Engineering and Technology

Institute *Fellow*

American Economic Review

Referee

Communications in Statistics

Referee

Econometric Theory

Referee Economica

Referee

Economic Journal

Referee

Journal of the American Statistical Association

Referee

Journal of Applied Econometrics

Referee

Journal of Business and Economic Statistics

Referee

Journal of Econometrics

Referee

Journal of Economic Surveys

Referee

Journal of Public Economics

Referee

The Review of Economics and Statistics

Referee

The Review of Economic Studies

Referee

And many others.

Research on Economic Inequality

Founding editor

The Journal of Economic Inequality

Founding coeditor

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NAFTA: The Business and Law Review of the

Americas

Past associate editor

Journal of Economic Surveys

Past associate editor

Journal of Income Distribution

Past associate editor

Empirical Economics Past associate editor

Health and Medical Economics

Past editorial board

Informatics and Data Mining

Past editorial board

Review of Income and Wealth

Past editorial board

RESEARCH INTERESTS

Statistics, applied economics

PUBLICATIONS

- "Ten Ways to Specify a Gini Coefficient Using Entropy," with Hang Ryu, *Annals of Financial Economics*, Vol. 16, pp. 1–19 (2022)
- "Does Political Dominance Impact Economic Inequality?" with Hang Ryu, *Advances in Decision Sciences*, Vol. 24, pp. 118–146 (2020)
- "A New Logit-Based Gini Coefficient," with Hang Ryu, Entropy, Vol. 21, pp. 488–515 (2019)
- "A New Inequality Measure that is Sensitive to Extreme Values and Asymmetries," with M. McAleer and Hang Ryu, *Advances in Decision Sciences*, Vol. 23, pp. 1–35 (2019)
- "A New Perspective on the Diffusion of Global Democracy," with H. Kwan and Hang Ryu, *Advances in Decision Sciences*, Vol. 22, pp. 112–133 (2018)
- "Maximum Entropy Estimation of Income Distributions from Basmann's Weighted Geometric Mean Measure," with Hang Ryu, *Journal of Econometrics*, Vol. 199(2), pp. 221–321 (2017)
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- "The Impact of Worklife Expectancy on Measuring Human Capital," with D. Millimet and M. Nieswiadomy, Journal of Economic Surveys, Vol. 24, pp. 339–361 (2010)
- "The GFT Utility Function," in *Quantifying Consumer Preferences*, edited by D. Slottje, London: Emerald Group Publishing, pp. 119–147 with R. Basmann, et al. (2009)
- "Estimating International Tourism Demand and Volatility: An Application to Taiwan," with C. Chang and M. McAleer, in Quantifying Consumer Preferences, edited by D. Slottje, London: Emerald Group Publishing, pp. 299–315 (2009)
- "Measuring the Volatility in U.S. Treasury Benchmarks and Debt Instruments," with S. Hoti, E. Maasoumi, and M. McAleer, *Econometric Reviews*, Vol. 28, pp. 522–554 (2009)
- "The Use of Restricted Regressions in Estimating Demand Systems," with J. Lye and J. Hirschberg in Quantifying Consumer Preferences, edited by D. Slottje, London: Emerald Group Publishing, pp. 363– 381 (2009)
- "Estimating Demand Systems and Measuring Consumer Preferences," Journal of Econometrics, Vol. 147, pp. 207–209 (2008)
- "Inferential Methods for Demand Elasticity Estimates," with J. Hirschberg and J. Lye, Journal of Econometrics, Vol. 147, pp. 299–315 (2008)
- "An Alternative Approach to Estimating Demand: Neural Network Regression with Conditional Volatility," with Michael McAleer, et al., *Journal of Econometrics*, Vol. 147, pp. 372–383 (2008)
- "A Neural Network Demand System with Heteroskedastic Errors," with Michael McAleer and Marcelo Medeiros, Journal of Econometrics, Vol. 147, pp. 359–371 (2008)
- "Exchange-Rate Volatility in Latin America and its Impact on Foreign Trade," with A. Arize and T. Osang, International Review of Economics and Finance, Vol. 17, pp. 33–44 (2008)
- "Inequality Aversion, Income Inequality and Social Policy in the U.S.: 1947 1998, with D. Millimet and P. Lambert, in Advances in Income Inequality and Concentration Measures: In Memory of Corrado Gini and Max Lorenz, London: Routledge, pp. 295–323 (2008)
- "Patent Activity and Technical Change," with R. Basmann and M. McAleer, Journal of Econometrics, Vol. 139, pp. 355–375 (2007)
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- "Intellectual Property Litigation Activity in the USA," with S. Hoti and M. McAleer, Journal of Economic Surveys, Vol. 20, pp. 715–729 (2006)
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- "Using Statistics in Copyright Cases," with D. Millimet and M. Nieswiadomy, in Economic Damages in IP Matters, edited by Daniel Slottje, New York: John Wiley & Son Publishing, pp. 215–229 (2006)
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- "Bounding Estimates of Wage Discrimination," with J. Hirschberg, Research in Labor Economics, Vol. 23, pp. 215–233 (2004)
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- "Antitrust Enforcement and Economic Growth," in Essays in Honor of John Formby, Vol. 12, edited by John Bishop, New York: Elsevier Publishing (2004)
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- "Univariate Distribution Functions and Summarizing Measures: Income Distributions from a Given Gini Measure?" with H. Ryu, *Estadica*, Vol. 55, pp. 1–23 (2003)
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Books:

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Quantifying Consumer Preferences (ed.), Emerald Group Publishing (2009)

Economic Damages in IP Matters (ed.), John Wiley & Son Publishing (2006)

Patent Activity and Technical Change in U.S. Industries, with Mike McAleer, North-Holland (2005)

Measuring Market Power (ed.), North-Holland (2002)

The Role of the Academic Economist in Litigation Support (ed.), North-Holland (1999)

Income Inequality, Poverty and Economic Welfare (eds.), with B. Raj, Springer-Verlag (1998)

Measuring Trends in U.S. Income Inequality, with H. Ryu, Springer-Verlag (1998)

Pay and Performance in the NBA, with M. Buchanan, JAI Press (1997)

Crisis on the Rio Grande: Economic Development on the Mexico-Texas Border, with D. Betts, Westview Press (1994)

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Measuring the Quality of Life Across Countries, with G. Scully, J. Hirschberg, and K. Hayes, Westview Press (1991)

Case Studies in Finance Using Lotus 123, with J. D. Johnson, McGraw-Hill (1990)

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Macroeconomic Activity and Income Inequality in the U.S., with J. Haslag and W. Russell, JAI Press (1989)

The Structure of Earnings and the Measurement of Income Inequality, North-Holland (1989)

The Generalized Fechner-Thurstone Direct Utility Function and Some Applications, with R. L. Basmann, K. J. Hayes, and D. J. Molina, Springer-Verlag Publishing Co. (1988)

Book Reviews:

Top Heavy, by Ed Wolff, for the *Journal of Comparative Economics* (1996)

A Theory of Earnings Distributions, by R. Von Weizacker, for the Journal of Income Distribution (1995)

Lifetime Income Distributions and Redistribution, by Ann Harding, for the *Journal of Economic Literature* (1995)

The Standard of Living, by A. Sen, for Economic Development and Cultural Change (1990)

Dynamics of Income Distribution, by John Creedy, for the *Journal of the American Statistical Association* (1987)

Papers Given:

University of California Law School, San Francisco, CA (December 2017)

Seyfarth Shaw, Seminar, Los Angeles, CA (September 2016)

American Conference Institute, Los Angeles, CA (July 2014)

American Conference Institute, New York, NY (May 2014)

InsideCounsel.com, Webinar, with J. Baron and J. Looby, New York, NY (October 2012)

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Law Seminars International, Philadelphia, PA (October 2006)

Southern Economic Association, with T. Fomby, New Orleans, LA (November 2004)

General Electric Co., Litigation Counsel Meeting, with C. Gerardi, and B. Imburgia, Southbury, CT (October 2004)

State Bar of Texas Intellectual Property Section, Austin, TX (February 2003)

Econometric Society Australasian Meeting (July 2002)

American Law Firm Association, Labor and Employment Section, Dallas, TX (October 2001)

State Bar of Texas Asian Pacific Interest Section, Austin, TX (April 2001)

Swiss Competition Commission, Geneva, Switzerland (January 2001)

World Congress of the Econometric Society, with H. Ryu, Seattle, WA (August 2000)

American Statistical Association, with C. Dagum, Baltimore, MD (August 1999)

Southern Economic Association, with J. Hirschberg, Baltimore, MD (November 1998)

American Statistical Association, with E. Castillo and J. Sarabia, Dallas, TX (August 1998)

Texas Econometrics Camp, with B. Raj, Corpus Christi, TX (February 1997)

American Economic Association Meetings, with S. Yitzhaki, New Orleans, LA (January 1997)

Biannual Conference of International Association of Income and Wealth, with S. Yitzhaki and S. Zandvakili, Lillehammer, Norway (August 1996)

Asian Meetings of Econometric Society, with B. Raj, Perth, Australia (July 1996)

Asian Meetings of Econometric Society, with E. Maasoumi and J. Hirschberg, Perth, Australia (July 1996)

Texas Econometrics Camp, with H. Ryu, San Antonio, TX (February 1996)

Southern Economics Association Meetings, with Shlomo Yitzhaki and S. Zandvakili, New Orleans, LA (November 1995)

World Congress of The Econometric Society, with H. Ryu, Tokyo, Japan (August 1995)

Southern Economics Association Meetings, with J. Hirschberg, J. Lye and V. Martin, Orlando, FL (November 1994)

Southern Economics Association Meetings, with S. Woodbury, Orlando, FL (November 1994)

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UpJohn Institute/Donner Foundation Conference on Fringe Benefits and Labor Costs, with Steve Woodbury, Kalamazoo, MI (November 1994)

Biannual Conference of International Association of Income and Wealth, with B. Raj, New Brunswick, Canada (August 1994)

NSF Conference on Equity, Distribution and Growth, with H. Ryu, Honolulu, HI (August 1994)

ASSA Meetings, with R. L. Basmann, Boston, MA (January 1994)

Southern Economics Association Meetings, with J. Hirschberg, New Orleans, LA (November 1993)

Southern Economics Association Meetings, with J. Hirschberg, Washington, DC (November 1992)

Southern Economics Association Meetings, with H. Ryu, Washington, DC (November 1992)

Sesquicentennial Conference on Inequality, with K. Hayes, M. Nieswiadomy, and E. Wolff, University of Notre Dame (September 1992)

Sesquicentennial Conference on Inequality, with N. Balke, University of Notre Dame (September 1992)

International Meeting on Income Inequality and Poverty, with K. Hayes, M. Nieswiadomy, and E. Wolff, Siena, Italy (October 1991)

Western Economics Association, with K. Hayes and Peter Lambert, Seattle, WA (July 1991)

International Workshop on Discrimination and Segregation, with K. Hayes and J. G. Hirschberg, Ramat Gan, Israel (June 1991)

Southern Economics Association Meetings, with Charlie Diamond, E. Maasoumi, and M. Nieswiadomy, New Orleans, LA (November 1990)

Southern Economics Association Meetings, New Orleans, LA, with K. Hayes, M. Nieswiadomy and E. Wolff (November 1990)

American Public Policy Association Meetings, with K. Hayes and P. Byrnes, San Francisco, CA (October 1990)

World Congress of The Econometric Society, with R. Basmann and K. Hayes, Barcelona, Spain (August 1990)Southwest Finance and Amalgamated Disciplines, with J. Haslag and M. Nieswiadomy, Dallas, TX (March 1990)

American Statistical Association Meetings, with K. Hayes and J. Hirschberg, San Diego, CA (January 1989)

Southern Economics Association Meetings, with M. Nieswiadomy, San Antonio, TX (November 1988)

Southern Economics Association Meetings, with K. Hayes and J. Hirschberg, San Antonio, TX (November 1988)

Econometric Society Meetings, Chicago, IL, with D. Black and K. Hayes (December 1987)

American Statistical Association Meetings, with K. J. Hayes and J. G. Hirschberg, San Francisco, CA (August 1987)

Southern Economics Association Meetings, with K. Hayes, New Orleans, LA (November 1986)

Southern Economics Association Meetings, with R. Batra, New Orleans, LA (November 1986)

Summer North American Econometric Society Meetings, with R. L. Basmann, Durham, NC (June 1986)

Summer North American Econometric Society Meetings, with D. J. Molina, Durham, NC (June 1986)

Southwest Economics Association Meetings, with R. L. Basmann, San Antonio, TX (March 1986)

Southwest Economics Association Meetings, with K. Hayes, San Antonio, TX (March 1986)

Southwest Economics Association Meetings, with J. Haslag and T. Fomby, San Antonio, TX (March 1986)

Southwest Economics Association Meetings, with B. B. Reagan, San Antonio, TX (March 1986)

Southern Economic Association Meetings, with Ravi Batra, Dallas, TX (November 1985)

World Congress of The Econometric Society, with Ravi Batra, Boston, MA (August 1985)

Southern Economic Association Meetings, with Joyce Shackett, Atlanta, GA (November 1984)

Southwest Economics Association Meetings, with M. Nieswiadomy, Fort Worth, TX (March 1984)

Mid-South Economics Association Meetings, with Don MacDonald, Little Rock, AR (February 1984)

Association for Evolutionary Economics Meetings, San Francisco, CA (December 1983)

Joint Session of American Economic Association and Econometric Society Meetings, with R. L. Basmann and D. J. Molina, San Francisco, CA (December 1983)

Latin American Econometric Society Meetings, Mexico City, Mexico, with R. L. Basmann and D. J. Molina (July 1982)

APPENDIX B

BRENDAN ROGERS Vice President

Direct: 212 492 9381 151 West 42nd Street Mobile: 516 724 4291 23rd Floor brendan.rogers@analysisgroup.com New York, NY 10036

Mr. Rogers specializes in applying economic and statistical analysis to complex business disputes, including those involving the assessment of economic damages claims and the design and critique of statistical samples. He has served as an expert witness and testified at arbitration. Mr. Rogers' litigation experience has included class and collective actions in labor and employment, health care, breach of contract, fraud, deceptive business practice, and false advertising matters. He has also processed and analyzed large datasets related to class-wide liability and damages claims. In addition, Mr. Rogers has assessed economic damages in patent infringement litigation and provided economic analysis in International Trade Commission ("ITC") Section 337 investigations. He has led teams and advised clients across all phases of the litigation process, including fact discovery, preparation of expert analysis and testimony, and settlement analysis.

EDUCATION

2007 M.B.A., Georgetown University McDonough School of Business

2001 B.A., economics (with high honors and distinction, magna cum laude, Phi Beta Kappa),

Kenyon College

PROFESSIONAL EXPERIENCE

2022–Present Analysis Group, Inc.

Vice President

2007-2021 FTI Consulting

> Managing Director (2013–2021) Senior Director (2011–2013)

Director (2009–2011)

Senior Consultant (2007–2008)

Analysis Group, Inc. 2001-2005

Senior Analyst (2003–2005)

Analyst (2001–2002)

TESTIFYING EXPERIENCE

Labor and Employment

Ford, et al. v. CEC Entertainment, Inc. Superior Court of California, San Francisco County

Brendan Rogers, Page 2 of 3

Retained by counsel for defendant CEC Entertainment, Inc., to quantify alleged waiting time penalties, missed meal and rest breaks, Private Attorneys General Act ("PAGA") penalties, and wage statement penalties for a putative class of over 8,000 non-exempt employees. Issued an expert declaration in May 2014.

General Commercial Damages

■ 2B Trading, Inc. v. GoPro Hong Kong, Ltd. v. United World Brands International Chamber of Commerce, International Court of Arbitration

Retained by counsel for claimant GoPro Hong Kong, Ltd., to quantify United World Brands' and 2B Trading's diverted sales and profits due to their alleged gray marketing of cameras and accessories outside of authorized distribution channels. Issued expert reports in November 2015 and December 2015 and provided testimony to the arbitration tribunal in March 2016.

SELECTED CASE WORK IN SUPPORT OF OTHER EXPERT WITNESSES

Assisted the expert in providing an expert report, declaration, and/or deposition or trial testimony.

Health Care

■ In Re: Lipitor Antitrust Litigation

Circuit Court of Mason County, West Virginia, Civil Action No. 13-C-1-N

Supported defendants' expert Dr. Bruce Stangle's analysis of economic damages related to allegations that generic versions of Lipitor were improperly delayed resulting in overcharges to end payor purchasers for Pfizer's branded and generic versions of the statin.

■ In Re: Lipitor Antitrust Litigation

USDC District of New Jersey, Case No. 3:12-cv-2389 (PGS/JBD), (MDL No. 2332)

Supported defendants' expert Dr. James Hughes's analysis of class certification issues related to end payor purchasers' allegations that generic versions of Lipitor were improperly delayed resulting in overcharges for Pfizer's branded and generic versions of the statin.

■ In Re: Blue Cross Blue Shield Antitrust Litigation

USDC Northern District of Alabama Southern Division, Case No. 2:13-cv-20000, (MDL No. 2406)

Supported provider plaintiffs' expert Dr. Daniel Slottje's analysis of economic damages in an antitrust class action involving allegations of horizontal market allocation, price fixing, and monopsonization.

• Arapahoe Surgery Ctr., LLC, v. CIGNA Healthcare, Inc.

USDC District of Colorado, Case No. 1:13-cv-03422

Supported plaintiffs' and counterclaim defendants' expert Dr. Daniel Slottje's analysis of economic damages in an antitrust and ERISA suit involving allegations of group boycott, breach of contract, and ERISA violations.

Franco v. Connecticut Gen. Life Ins. Co.

USDC District of New Jersey, Case No. 07-cv-6039 (SRC) (PS)

Brendan Rogers, Page 3 of 3

Supported defendants' expert Dr. Daniel Slottje's statistical analyses related to class action allegations that a health insurer violated its contractual obligation to pay for out-of-network services at the "usual, customary and reasonable" ("UCR") amount resulting in the underpayment of health plan members' out-of-network benefits.

■ In Re: Aetna UCR Litigation

USDC District of New Jersey, Case No. 2:07-CV-3541 (FHS) (PS) / MDL No.2020

Supported defendants' expert Dr. Daniel Slottje's statistical analyses related to class action allegations that a health insurer violated its contractual obligation to pay for out-of-network services at the "usual, customary and reasonable" ("UCR") amount resulting in the underpayment of health plan members' out-of-network benefits.

ARTICLES AND PUBLICATIONS

"Role of Financial Experts in ITC Section 337 Investigations," with R.N. Herrington, *Litigation Services Handbook: The Role of the Financial Expert, 5th edition*, 2016 Cumulative Supplement.

"Shock and Awe: The Increasing Popularity and Intrinsic Value of an ITC Investigation," with R.N. Herrington, *IP Litigator*, Volume 16 (No. 1), January/February 2010, pp. 8-13.

Exhibit 1
Providers' Reduced Administrative Costs After BlueCard Claims Submission:
Cost Savings from Fewer BlueCard Claims Requiring Provider Follow Up with the Blues (1)

		Historical	-				Fore	cast				
	Notes and Sources	Average	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Total BlueCard claims (000s)	(2)	215,947	215,947	215,947	215,947	215,947	215,947	215,947	215,947	215,947	215,947	215,947
BlueCard claims that require follow up (000s)	(3)	5.2%	11,121	11,121	11,121	11,121	11,121	11,121	11,121	11,121	11,121	11,121
Resolved in 1 contact with the Blues (000s)	(4)	58.1%	6,464	6,464	6,464	6,464	6,464	6,464	6,464	6,464	6,464	6,464
Resolved in 3 contacts with the Blues (000s)	(5) = 100% - (4)	41.9%	4,657	4,657	4,657	4,657	4,657	4,657	4,657	4,657	4,657	4,657
Excess hours on BlueCard claims (000s)		Hrs. / Claim										
Resolved in 1 contact with the Blues	(6)	1.17	7,542	7,542	7,542	7,542	7,542	7,542	7,542	7,542	7,542	7,542
Resolved in 3 contacts with the Blues	(7)	1.63	7,568	7,568	7,568	7,568	7,568	7,568	7,568	7,568	7,568	7,568
Compensation on excess hours on BlueCard claims (\$000	Os)	<u>\$ / Hr.</u>										
Hourly compensation (\$)	(8)	\$23.45	\$24.40	\$24.89	\$25.38	\$25.89	\$26.41	\$26.94	\$27.48	\$28.02	\$28.59	\$29.16
Resolved in 1 contact with the Blues (\$000s)	$(9) = (6) \times (8)$		\$183,996	\$187,676	\$191,429	\$195,258	\$199,163	\$203,146	\$207,209	\$211,353	\$215,580	\$219,892
Resolved in 3 contacts with the Blues (\$000s)	$(10) = (7) \times (8)$		\$184,632	\$188,324	\$192,091	\$195,933	\$199,851	\$203,848	\$207,925	\$212,084	\$216,326	\$220,652
Total compensation on excess hours (\$000s)	(11) = (9) + (10)		\$368,628	\$376,000	\$383,520	\$391,191	\$399,014	\$406,995	\$415,135	\$423,437	\$431,906	\$440,544
Total Cost Savings (\$000s)	(12) = Sum(11)		\$4,036,370									
Discount rate	(13)		7.2%	7.2%	7.2%	7.2%	7.2%	7.2%	7.2%	7.2%	7.2%	7.2%
Years since start of Year 1 (mid-year convention)	(14)		0.5	1.5	2.5	3.5	4.5	5.5	6.5	7.5	8.5	9.5
Present Value (\$000s)	$(15) = (11) / ((1 + (13)) ^ (14))$		\$356,100	\$338,953	\$322,631	\$307,096	\$292,308	\$278,233	\$264,836	\$252,083	\$239,945	\$228,391
PV of Cost Savings (\$000s) (10-Year Forecast)	(16) = Sum (15)		\$2,880,575									

Notes and Sources

- (1) This valuation quantifies the estimated future cost savings from providers following up with the Blues on fewer BlueCard claims after submission.
- (2) Assumes the average annual number of BlueCard claims. (BCBSA Network Discount Reports, 2008-2014: 2008 BlueCard NDR (Ark BCBSe 0008181.xlsx, at tab "Table 2 Host"). See also, 2009 BlueCard NDR (BCBSA0049443 448, at 446). See also, 2010 BlueCard NDR (BCBSA00398265 270, at 268). See also, 2011 BlueCard NDR (BCBSA00686828.xlsx, at tab "Table 2 Host"). See also, 2012 BlueCard NDR (BCBSA00459093 098, at 096). See also, 2013 BlueCard NDR (BCBSA-CID-023881.xlsx, at tab "Table 2 Host").)
- (3) Assumes the average annual percentage of BlueCard claims in excess of Local claims that require follow-up once submitted. (BlueCard Customer Satisfaction Survey, Provider Office Staff Survey Results, Wave II Report, Blue Cross Blue Shield of Alabama (BCBSAL_0001919714 756). See also, BlueCard Customer Satisfaction Survey, Provider Office Staff Survey Results, 2011 Wave 11 Report, Blue Cross Blue Shield of Alabama (BCBSAL_000096731 768).)
- (4) Assumes the average percentage of BlueCard claims requiring follow-up that were resolved with one contact. (BlueCard Customer Satisfaction Survey, Provider Office Staff Survey Results, Wave II Results, 2008-2011.)
- (5) The average number of contacts it takes to resolve BlueCard claims that are not resolved in one contact is 3.1. (BlueCard Customer Satisfaction Survey, Provider Office Staff Survey Results, Wave II Results, 2008-2009: BlueCard Customer Satisfaction Survey, Provider Office Staff Survey Results, 2009 Wave 11 Report, Blue Cross Blue Shield of Alabama (BCBSAL_0001919714 756)).
- (6) Ranges from 20 minutes to 2 hours per BlueCard claim. (Katz Declaration, ¶ 13).
- (7) Ranges from 45 minutes to 2.5 hours per BlueCard claim. (Katz Declaration, ¶ 13).
- (8) In May 2023, the median hourly wage for medical records specialists was \$23.45. Assumes 2% growth per year based on average growth rate of 2.25% over the period 2021-2023. (U.S. Department of Labor).
- (13) 7.2% is the average WACC for a list of healthcare companies obtained by applying the following filters on S&P Capital IQ: (a) U.S. incorporated companies, (b) public companies within the "Hospitals and Healthcare Centers," "Mental Care Facilities," "Medical Doctor Specialist Services," "Chiropractor Services," and "Healthcare Providers Specialist Services," industries, (d) companies that have WACC reported on S&P Capital IQ.

Exhibit 2

Providers' Reduced Administrative Costs After BlueCard Claims Submission:

Cost Savings from BlueCard Claims Requiring Less Provider Time to Follow Up with the Blues (1)

		Historical	Forecast									
	Notes and Sources	Average	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Total BlueCard claims (000s)	(2)	215,947	215,947	215,947	215,947	215,947	215,947	215,947	215,947	215,947	215,947	215,947
BlueCard claims that require follow up (000s)	(3)	14.1%	30,395	30,395	30,395	30,395	30,395	30,395	30,395	30,395	30,395	30,395
Resolved in 1 contact with the Blues (000s)	(4)	58.1%	17,667	17,667	17,667	17,667	17,667	17,667	17,667	17,667	17,667	17,667
Resolved in 3 contacts with the Blues (000s)	(5) = 100% - (4)	41.9%	12,728	12,728	12,728	12,728	12,728	12,728	12,728	12,728	12,728	12,728
Excess hours on BlueCard claims (000s)		Hrs. / Claim										
Resolved in 1 contact with the Blues	(6)	0.88	15,458	15,458	15,458	15,458	15,458	15,458	15,458	15,458	15,458	15,458
Resolved in 3 contacts with the Blues	(7)	1.33	16,970	16,970	16,970	16,970	16,970	16,970	16,970	16,970	16,970	16,970
Compensation on excess hours on BlueCard claims	s (\$000s)	<u>\$ / Hr.</u>										
Hourly compensation (\$)	(8)	\$23.45	\$24.40	\$24.89	\$25.38	\$25.89	\$26.41	\$26.94	\$27.48	\$28.02	\$28.59	\$29.16
Resolved in 1 contact with the Blues (\$000s)	$(9) = (6) \times (8)$		\$377,147	\$384,690	\$392,384	\$400,231	\$408,236	\$416,401	\$424,729	\$433,223	\$441,888	\$450,725
Resolved in 3 contacts with the Blues (\$000s)	$(10) = (7) \times (8)$		\$414,031	\$422,312	\$430,758	\$439,373	\$448,161	\$457,124	\$466,266	\$475,592	\$485,103	\$494,806
Total compensation on excess hours (\$000s)	(11) = (9) + (10)		\$791,178	\$807,002	\$823,142	\$839,604	\$856,396	\$873,524	\$890,995	\$908,815	\$926,991	\$945,531
Total Cost Savings (\$000s)	(12) = Sum(11)		\$8,663,178									
Discount rate	(13)		7.2%	7.2%	7.2%	7.2%	7.2%	7.2%	7.2%	7.2%	7.2%	7.2%
Years since start of Year 1 (mid-year convention)	(14)		0.5	1.5	2.5	3.5	4.5	5.5	6.5	7.5	8.5	9.5
Present Value (\$000s)	$(15) = (11) / ((1 + (13)) ^ (14))$		\$764,289	\$727,487	\$692,457	\$659,114	\$627,376	\$597,166	\$568,411	\$541,041	\$514,989	\$490,191
PV of Cost Savings (\$000s) (10-Year Forecast)	(16) = Sum (15)		\$6,182,520									

Notes and Sources:

- (1) This valuation quantifies the estimated future cost savings from providers spending less time on BlueCard claims that require follow up with the Blues after submission.
- (2) Assumes the average annual number of BlueCard claims. (BCBSA Network Discount Reports, 2008-2014).
- (3) Assumes the average annual percentage of Local claims that require follow-up once submitted. (BlueCard Customer Satisfaction Survey, Provider Office Staff Survey Results, Wave II Results, 2008-2011.)
- (4) Assumes the average percentage of BlueCard claims requiring follow-up that were resolved with one contact. (BlueCard Customer Satisfaction Survey, Provider Office Staff Survey Results, Wave II Results, 2008-2011.)
- (5) The average number of contacts it takes to resolve BlueCard claims that are not resolved in one contact is 3.1. (BlueCard Customer Satisfaction Survey, Provider Office Staff Survey Results, Wave II Results, 2008-2009).
- (6) Ranges from 20 minutes to 2 hours per BlueCard claim. Ranges from 5 minutes to 30 minutes per Local claim. (Katz Declaration, ¶¶ 13-14).
- (7) Ranges from 45 minutes to 2.5 hours per BlueCard claim. Ranges from 5 minutes to 30 minutes per Local claim. (Katz Declaration, ¶¶ 13-14).
- (8) In May 2023, the median hourly wage for medical records specialists was \$23.45. Assumes 2% growth per year based on average growth rate of 2.25% over the period 2021-2023. (U.S. Department of Labor).
- (13) 7.2% is the average WACC for a list of healthcare companies obtained by applying the following filters on S&P Capital IQ: (a) U.S. incorporated companies, (b) public companies within the "Hospitals and Healthcare Centers," "Mental Care Facilities," "Medical Doctor Specialist Services," and "Healthcare Providers Specialist Services," industries, (d) companies that have WACC reported on S&P Capital IQ.

Exhibit 3

Providers' Reduced Administrative Costs Before BlueCard Claims Submission:

Cost Savings from BlueCard Claims Requiring Less Provider Time to Verify Member Eligibility and for Pre-Authorization (1)

		Historical	Forecast									
	Notes and Sources	Average	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Total BlueCard claims (000s)	(2)	215,947	215,947	215,947	215,947	215,947	215,947	215,947	215,947	215,947	215,947	215,947
BlueCard claims with pre-submission tasks (000s)												
Member eligibility verification	(3)	70.0%	151,163	151,163	151,163	151,163	151,163	151,163	151,163	151,163	151,163	151,163
Pre-authorization	(4)	10.9%	23,484	23,484	23,484	23,484	23,484	23,484	23,484	23,484	23,484	23,484
Excess hours on BlueCard claims (000s)		Hrs. / Claim										
Member eligibility verification	(5)	0.08	11,967	11,967	11,967	11,967	11,967	11,967	11,967	11,967	11,967	11,967
Pre-authorization	(6)	0.07	1,566	1,566	1,566	1,566	1,566	1,566	1,566	1,566	1,566	1,566
Compensation on excess hours on BlueCard claims	(\$000s)	<u>\$ / Hr.</u>										
Hourly compensation (\$)	(7)	\$23.45	\$24.40	\$24.89	\$25.38	\$25.89	\$26.41	\$26.94	\$27.48	\$28.02	\$28.59	\$29.16
Member eligibility verification (\$000s)	$(8) = (5) \times (7)$		\$291,965	\$297,805	\$303,761	\$309,836	\$316,033	\$322,353	\$328,801	\$335,377	\$342,084	\$348,926
Pre-authorization (\$000s)	$(9) = (6) \times (7)$		\$38,197	\$38,961	\$39,740	\$40,535	\$41,346	\$42,173	\$43,016	\$43,876	\$44,754	\$45,649
Total compensation on excess hours (\$000s)	(10) = (8) + (9)		\$330,162	\$336,766	\$343,501	\$350,371	\$357,378	\$364,526	\$371,817	\$379,253	\$386,838	\$394,575
Total Cost Savings (\$000s)	(11) = Sum (12)		\$3,615,186									
Discount rate	(12)		7.2%	7.2%	7.2%	7.2%	7.2%	7.2%	7.2%	7.2%	7.2%	7.2%
Years since start of Year 1 (mid-year convention)	(13)		0.5	1.5	2.5	3.5	4.5	5.5	6.5	7.5	8.5	9.5
Present Value (\$000s)	$(14) = (10) / ((1 + (12)) ^ (13))$		\$318,942	\$303,584	\$288,966	\$275,051	\$261,807	\$249,200	\$237,201	\$225,779	\$214,907	\$204,559
PV of Cost Savings (\$000s) (10-Year Forecast)	(15) = Sum (14)		\$2,579,996									

Notes and Sources:

- (1) This valuation quantifies the estimated future cost savings from providers spending less time on BlueCard claims that require verification of member eligibility and pre-authorization before submission.
- (2) Assumes the average annual number of BlueCard claims. (BCBSA Network Discount Reports, 2008-2014).
- (3) 60% to 80% of BlueCard claims require member eligibility verification. (Katz Declaration, ¶ 19).
- (4) 5.25% to 16.5% of BlueCard claims have pre-authorization. (Katz Declaration, ¶ 20).
- (5) Ranges from 5 minutes to 10 minutes per BlueCard claim. Ranges from 30 seconds to 5 minutes per Local claim. (Katz Declaration, ¶ 19).
- (6) 15 minutes per BlueCard claim. Approximately 11 minutes per Local claim. (Katz Declaration, ¶ 20).
- (7) In May 2023, the median hourly wage for medical records specialists was \$23.45. Assumes 2% growth per year based on average growth rate of 2.25% over the period 2021-2023. (U.S. Department of Labor).
- (12) 7.2% is the average WACC for a list of healthcare companies obtained by applying the following filters on S&P Capital IQ: (a) U.S. incorporated companies, (b) public companies within the "Hospitals and Healthcare Centers," "Mental Care Facilities," "Medical Doctor Specialist Services," "Chiropractor Services," and "Healthcare Providers Specialist Services," industries, (d) companies that have WACC reported on S&P Capital IQ.

Exhibit 4

Valuation of Prompt Pay Commitment to Participating Providers

		Forecast							
	Notes and								
	Sources	Year 1	Year 2	Year 3	Year 4	Year 5			
BlueCard claims (volume)	(1)	215,947,339	215,947,339	215,947,339	215,947,339	215,947,339			
Fully-insured enrollee share	(2)	48.5%	48.5%	48.5%	48.5%	48.5%			
Fully-insured BlueCard claims (volume)	$(3) = (1) \times (2)$	104,703,960	104,703,960	104,703,960	104,703,960	104,703,960			
Facility share of BlueCard claims	(4)	14.1%	14.1%	14.1%	14.1%	14.1%			
Professional share of BlueCard claims	(5) = 100% - (4)	85.9%	85.9%	85.9%	85.9%	85.9%			
Facility BlueCard claims (volume)	$(6) = (3) \times (4)$	14,790,731	14,790,731	14,790,731	14,790,731	14,790,731			
Claims paid after 30 days (%)	(7)	18.9%	18.9%	18.9%	18.9%	18.9%			
Claims paid after 30 days (volume)	$(8) = (6) \times (7)$	2,800,232	2,800,232	2,800,232	2,800,232	2,800,232			
Dollars per claim paid after 30 days	(9)	\$5,144	\$5,144	\$5,144	\$5,144	\$5,144			
Amount paid after 30 days	$(10) = (8) \times (9)$	\$14,403,547,783	\$14,403,547,783	\$14,403,547,783	\$14,403,547,783	\$14,403,547,783			
Days paid after 30 days	(11)	54	54	54	54	54			
Interest (at 8% per year)	(12)	\$164,936,242	\$164,936,242	\$164,936,242	\$164,936,242	\$164,936,242			
Professional BlueCard claims (volume)	$(13) = (3) \times (5)$	89,913,229	89,913,229	89,913,229	89,913,229	89,913,229			
Claims paid after 30 days (%)	(14)	9.6%	9.6%	9.6%	9.6%	9.6%			
Claims paid after 30 days (volume)	$(15) = (13) \times (14)$	8,639,361	8,639,361	8,639,361	8,639,361	8,639,361			
Dollars per claim paid after 30 days	(16)	\$353	\$353	\$353	\$353	\$353			
Amount paid after 30 days	$(17) = (15) \times (16)$	\$3,053,258,126	\$3,053,258,126	\$3,053,258,126	\$3,053,258,126	\$3,053,258,126			
Days paid after 30 days	(18)	68	68	68	68	68			
Interest (at 8% per year)	(19)	\$44,092,799	\$44,092,799	\$44,092,799	\$44,092,799	\$44,092,799			
Total interest on BlueCard Claims	(20) = Sum ((12), (19))	\$1,045,145,206							
PV of interest on BlueCard claims - Facilities									
Discount Rate	(21)	6.1%	6.1%	6.1%	6.1%	6.1%			
Years since start of Year 1 (mid-year convention)	(22)	0.5	1.5	2.5	3.5	4.5			
Present Value	$(23) = (12) / ((1+(21)) ^ (22))$	\$160,132,274	\$150,940,026	\$142,275,451	\$134,108,258	\$126,409,896			
PV of interest on BlueCard claims - Professionals									
Discount Rate	(24)	9.9%	9.9%	9.9%	9.9%	9.9%			
Years since start of Year 1 (mid-year convention)	(25)	0.5	1.5	2.5	3.5	4.5			
Present Value	(26) = (19) / ((1+(24)) ^ (25))	\$42,057,770	\$38,265,147	\$34,814,530	\$31,675,077	\$28,818,730			
PV of total interest on BlueCard claims	(27) = (23) + (26)	\$202,190,044	\$189,205,174	\$177,089,981	\$165,783,336	\$155,228,625			
PV of total interest on BlueCard claims	(28) = Sum (27)	\$889,497,161							

Notes and Sources:

- (1) Forecast assumes the average annual Blue systemwide BlueCard claim volume from 2008-2014 (BlueCard Network Discount Reports, 2008-2014).
- (2) Forecast assumes the average annual Blue systemwide share of enrollees with fully-insured health plans from 2012-2015 (BCBS Enrollment Reports, 2012-2015: BlueCross and BlueShield Licensees, Total Members by Line of Business as of December 31, 2012 (BCBSA00166276.xlsx, at tab "QER-Table 1"). See also, BlueCross and BlueShield Licensees, Total Members by Line of Business as of December 31, 2013 (BCBSA00166281.xlsx, at tab "QER-Table 1"). See also, BlueCross and BlueShield Licensees, Total Members by Line of Business as of December 31, 2014 (BCBSA00166259.xlsx, at tab "Table 1"). See also, BlueCross and BlueShield Licensees, Total Members by Line of Business as of December 31, 2015 (BCBSA-DOJSUB-00003979.xls, at tab "Table 1")).
- (4) Forecast assumes the average annual split between facility and professional BlueCard claims from 2008-2014 (Blue claims data).
- (7) and (14) Forecast assumes the average annual systemwide percentage of facility or professional BlueCard claims paid after 30 days from 2011-2014 (IPDS data).
- (9) and (16) Forecast assumes the average annual allowed amount per facility or professional BlueCard claim paid after 30 days from 2011-2014 (IPDS data).
- (11) and (18) Forecast assumes the median annual number of days a facility or professional BlueCard claim is paid after 30 days from 2011-2014 (IPDS data).
- (12) and (19) 8% annual interest rate (Settlement Agreement, p. 33).
- (21) 6.1% is the average WACC for a list of healthcare companies obtained by applying the following filters on S&P Capital IQ: (a) U.S. incorporated companies, (b) public companies, (c) companies within the "Hospitals and Healthcare Centers," and "Mental Care Facilities," industries, (d) companies that have WACC reported on S&P Capital IQ.
- (24) 9.9% is the average WACC for a list of healthcare companies obtained by applying the following filters on S&P Capital IQ: (a) U.S. incorporated companies, (b) public companies within the "Medical Doctor Specialist Services," and "Chiropractor Services," and "Healthcare Providers Specialist Services," industries, (d) companies that have WACC reported on S&P Capital IQ.
- (27) Total present value of interest on BlueCard claims paid after 30 days over the five-year forecast period.