

Bates White, LLC  
1300 Eye Street, NW  
Suite 600E  
Washington, DC 20005  
(202) 408-6110

*Asbestos Liability Consultants for the Official Committee of Unsecured  
Creditors of Motors Liquidation Co., (f/k/a General Motors Corp.) et al.*

UNITED STATES BANKRUPTCY COURT  
SOUTHERN DISTRICT OF NEW YORK

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In re:	)	
	)	
MOTORS LIQUIDATION COMPANY., <u>et al.</u>	)	Chapter 11
(f/k/a General Motors Corp., <u>et al.</u> )	)	
	)	Case No. 09-50026 (REG)
Debtors.	)	Jointly Administered
	)	

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**SECOND INTERIM APPLICATION OF BATES WHITE, LLC, AS ASBESTOS  
LIABILITY CONSULTANT TO THE OFFICIAL COMMITTEE OF UNSECURED  
CREDITORS, FOR ALLOWANCE OF COMPENSATION FOR PROFESSIONAL  
SERVICES RENDERED AND FOR REIMBURSEMENT OF ACTUAL AND  
NECESSARY EXPENSES INCURRED FOR THE PERIOD FROM  
JUNE 1, 2010 THROUGH SEPTEMBER 30, 2010**

**SUMMARY SHEET PURSUANT TO UNITED STATES TRUSTEE  
GUIDELINES FOR REVIEWING APPLICATIONS FOR COMPENSATION  
AND REIMBURSEMENT OF EXPENSES FILED UNDER 11 U.S.C. § 330**

Name of Applicant: Bates White, LLC

Authorized to Provide Professional Services to: The Official Committee of Unsecured Creditors

Interim Fee Period: June 1, 2010 to September 30, 2010, inclusive

Fees Requested: \$ 906,669.25

Expenses Requested: \$6,426.41

Total Amount Requested: \$ 913,095.66

Amount Paid to Date: \$ 733,774.81<sup>1</sup>

**Net Amount to be Requested: \$179,320.85**

This is a(n) X Interim or \_\_\_\_\_ Final Fee Application

**PRIOR APPLICATIONS**

<b>Date Application Filed</b>	<b>Docket No.</b>	<b>Compensation Period</b>	<b>Fees Requested</b>	<b>Expenses Requested</b>	<b>Fees Allowed</b>	<b>Expenses Allowed</b>	<b>Hold-Back (if any)</b>
08/05/10	6537	March 16, 2010 to May 31, 2010	\$198,620.00	\$776.00	\$193,714.12 <sup>2</sup>	\$776.00	\$19,371.41

<sup>1</sup> Although Bates White has not yet received payment in respect of its September Statement (as hereinafter defined), Bates White anticipates receiving payment of 80% of fees and 100% of expenses for the September Statement by the hearing date on this Application.

<sup>2</sup> The Fee Examiner identified \$4,905.88 in fees and expenses, from a total of \$199,396.00 requested, in Bates White's First Interim Fee Application as objectionable.

**SUMMARY OF SECOND INTERIM FEE APPLICATION OF BATES WHITE, LLC  
FOR SERVICES RENDERED FOR THE PERIOD  
JUNE 1, 2010 THROUGH SEPTEMBER 30, 2010**

<b><u>Timekeeper Name</u></b>	<b><u>Department<sup>3</sup></u></b>	<b><u>Title</u></b>	<b><u>Hours</u></b>	<b><u>Rate</u></b>	<b><u>Amount</u></b>
Bates, Charles	EPL	Senior Partner	113.50	\$ 850.00	\$ 95,157.50
Mullin, Charles	EPL	Partner	61.00	\$ 625.00	\$ 38,125.00
Snow, Karl	EPL	Principal	1.50	\$ 500.00	\$ 750.00
Brown, Michael	EPL	Principal	1.40	\$ 450.00	\$ 630.00
Wallace, Noah	EPL	Principal	14.30	\$ 450.00	\$ 6,435.00
Evans, Andrew	EPL	Principal	25.30	\$ 425.00	\$ 10,752.50
Grinberg, Rachel	EPL	Manager	484.10	\$ 395.00	\$ 190,962.75
Scarcella, Marc	EPL	Manager	52.00	\$ 395.00	\$ 20,540.00
Wieman, Christopher	IS	MIS Manager	7.70	\$ 385.00	\$ 2,964.50
Gallardo-Garcia, Jorge	EPL	Manager	143.40	\$ 375.00	\$ 53,775.00
Kelso, Peter	EPL	Manager	12.80	\$ 375.00	\$ 4,800.00
Stephens, Bryce	EPL	Manager	1.00	\$ 375.00	\$ 375.00
Ban, Andra	EPL	Senior Consultant	207.60	\$ 325.00	\$ 67,470.00
Johnson, Samantha	EPL	Quality Assurance Specialist	63.70	\$ 325.00	\$ 19,077.50
McDonald, Clay	IS	Database Administrator	9.40	\$ 300.00	\$ 2,820.00
White, Michael	IS	Software Engineer	2.20	\$ 300.00	\$ 660.00
Finn, Adam	EPL	Consultant II	48.50	\$ 295.00	\$ 14,307.50
Karki, Saurav	EPL	Consultant II	18.60	\$ 295.00	\$ 5,487.00
Metz, David	EPL	Consultant II	79.00	\$ 295.00	\$ 23,305.00
Sendor, David	EPL	Consultant II	80.60	\$ 295.00	\$ 23,777.00
Robinson, William	EPL	Consultant II	323.60	\$ 275.00	\$ 88,990.00
Bolian, Zachary	EPL	Consultant	459.20	\$ 255.00	\$ 117,096.00
Huang, Mary	EPL	Consultant	34.40	\$ 255.00	\$ 8,772.00
Morrow, Christopher	EPL	Consultant	160.00	\$ 255.00	\$ 40,800.00
Peters, Sarah	EPL	Consultant	1.20	\$ 255.00	\$ 306.00
Tang, Kejia	EPL	Consultant	134.80	\$ 255.00	\$ 34,374.00
An, Weifang	EPL	Research Assistant	17.10	\$ 160.00	\$ 2,736.00
Chung, Daniel	EPL	Research Assistant	56.80	\$ 160.00	\$ 9,088.00
Gerhardt, William	EPL	Research Assistant	45.30	\$ 160.00	\$ 7,248.00
Mital, Karna	EPL	Research Assistant	94.30	\$ 160.00	\$ 15,088.00
<b>Total</b>			<b>2,754.30</b>		<b>\$ 906,669.25</b>

<sup>3</sup> EPL - Environmental and Products Liability; IS - Information Services.

Blended hourly rate for consultants is \$329.18.

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	)	Case No. 09-50026 (REG)
Debtors.	)	Jointly Administered
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LIABILITY CONSULTANTS FOR THE OFFICIAL COMMITTEE OF UNSECURED  
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JUNE 1, 2010 THROUGH SEPTEMBER 30, 2010**

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TO: THE HONORABLE ROBERT E. GERBER  
UNITED STATES BANKRUPTCY JUDGE:

Bates White, LLC (the “**Applicant**” or “**Bates White**”), asbestos liability consultant to the Official Committee of Unsecured Creditors (the “**Committee**”) of the above captioned as debtors and debtors-in-possession in these chapter 11 cases (collectively, the “**Debtors**”), hereby submits its second interim application (the “**Application**”), pursuant to sections 330(a) and 331 of title 11 of the United States Code (the “**Bankruptcy Code**”) and Rule 2016 of the Federal Rules of Bankruptcy Procedure (the “**Bankruptcy Rules**”), for the allowance of compensation for the professional services performed by the Applicant for and on behalf of the Committee for the period commencing June 1, 2010, through and including September 30, 2010 (the “**Second Interim Fee Period**”), and for reimbursement of its actual and necessary expenses incurred during the Second Interim Fee Period. In support of the Application, the Applicant respectfully represents as follows:

### **PRELIMINARY STATEMENT**

1. The Applicant was retained as the Committee’s asbestos liability consultant. Throughout the Second Interim Fee Period, the Applicant has worked on behalf of the Committee to evaluate the Debtors’ potential asbestos liability.

2. The Applicant’s work in these cases has been focused on assessing and quantifying potential charges to the Debtors’ estate arising from or related to current and future asbestos claims.

3. The highlights of the Applicant’s work during the Second Interim Fee Period are as follows:

- Processing and analyzing of the Debtors’ asbestos claims data
- Identifying scope of the discovery request
- Assisting with the rule 2004 application



- Preparing data for trust discovery
- Developing the Namings Database
- Developing the Products Database
- Working on the scenario forecasting tool
- Analyzing the proper discount rate for the Debtors
- Working on the calibration of the mesothelioma incidence model

**SUMMARY OF PROFESSIONAL COMPENSATION  
AND REIMBURSEMENT OF EXPENSES REQUESTED**

4. This Application has been prepared in accordance with the Amended Guidelines for Fees and Disbursements for Professionals in Southern District of New York Bankruptcy Cases adopted by the Court on November 29, 2009 (the “**Local Guidelines**”), the United States Trustee Guidelines for Reviewing Applications for Compensation and Reimbursement of Expenses Filed Under 11 U.S.C. § 330, adopted on January 30, 1996 (the “**UST Guidelines**”), the Order Pursuant to sections 105(a) and 331 of the Bankruptcy Code, Bankruptcy Rule 2016(a) and Local Bankruptcy Rule 2016-1, Establishing Procedures for Interim Monthly Compensation for Professionals [Docket No. 1334] (the “**Interim Compensation Order**”) and the First Status Report of the Fee Examiner [Docket No. 5002] (the “**Fee Examiner Status Report**”) and collectively with the Interim Compensation Order, the Local Guidelines and UST Guidelines, the “**Guidelines**”). Pursuant to the Local Guidelines, a certification of Charles Bates regarding compliance with same is attached hereto as **Exhibit “A.”**

5. The Applicant seeks interim allowance of fees for professional services rendered during the Second Interim Fee Period in the aggregate amount of \$906,669.25 (the “**Second Interim Fees**”) and reimbursement of expenses incurred in connection with rendition of those services in the aggregate amount of \$6,426.41 (the “**Second Interim Expenses**”).

6. During the Second Interim Fee Period, the Applicant's personnel expended a total of 2,754.30 hours for which compensation is requested.

7. There is no agreement or understanding between the Applicant and any other person, other than members of the Applicant, for the sharing of compensation to be received for services rendered in these cases.

8. Except as otherwise set forth herein, the fees charged by the Applicant in these cases are billed in accordance with its existing billing rates and procedures set forth in the Application of the Committee to Employ Bates White, LLC [Docket No. 5480] in effect during the Second Interim Fee Period.<sup>4</sup> Except as otherwise set forth in this Second Interim Fee Application, the billing rates the Applicant charges for the services rendered by its personnel in these chapter 11 cases are the same rates that the Applicant charges for services rendered in comparable non-bankruptcy matters. Such fees are reasonable based on the customary compensation charged by comparably skilled practitioners in comparable non-bankruptcy cases in a competitive national economics consulting market.

9. Pursuant to the UST Guidelines, annexed hereto as **Exhibit "B,"** is a schedule setting forth all personnel employed by the Applicant who have performed services in these chapter 11 cases during the Second Interim Fee Period, the capacities in which each such individual is employed by the Applicant, the department in which each individual practices, the hourly billing rate charged by the Applicant for services performed by such individual, and the aggregate number of hours expended and fees billed.

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<sup>4</sup> The revised fees set forth in this Second Interim Fee Application vary slightly from the amounts invoiced monthly because, by agreement with the Fee Examiner, time spent reviewing time entries and travel time is now billed to the Debtors' estates at fifty (50%) percent of standard billing rates. This agreement has resulted in lower fees to the Debtors' estate.

10. Annexed hereto as **Exhibit “C”** is a schedule specifying the categories of expenses for which the Applicant is seeking reimbursement, the total amount for each such expense category, and a detailed listing of each of the expenses.

11. Pursuant to Section II.D of the UST Guidelines, annexed hereto as **Exhibit “D-1”** is a summary of the Applicant’s time billed during the Second Interim Fee Period, broken down by project categories as hereinafter described.

12. The Applicant maintains computerized records of the time spent by all of the Applicant’s professionals in connection with the services provided to the Committee. These detailed time records were submitted to the “Notice Parties” specified in the Interim Compensation Order as part of the Monthly Statements (defined below). Copies of the final detailed time records for the Second Interim Fee Period are annexed hereto as **Exhibit “D-2.”**

13. As requested by the Fee Examiner, attached hereto as **Exhibit “D-3”** is a summary of Applicant’s time billed during the Second Interim Fee Period broken down by time category and by employee.

14. Since the commencement of these cases, Applicant has provided the appropriate notice parties with a monthly fee statement for each month for which compensation was sought. During the Second Interim Fee Period, the Applicant provided the appropriate notice parties with the monthly fee statements:<sup>5</sup>

- For June 1, 2010 through June 30, 2010, fees of \$211,784.50 and expenses of \$50.73 (the “**June Statement**”);
- For July 1, 2010 through July 31, 2010, fees of \$269,140.50 and expenses of \$0 (the “**July Statement**”);

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<sup>5</sup> The revised fees set forth in this Second Interim Fee Application vary slightly from the amounts invoiced monthly because, by agreement with the Fee, time spent reviewing time entries and travel time is now billed to the Debtors’ estate at fifty (50%) percent of standard billing rates. This agreement has resulted in lower fees to the Debtors’ estate.

- For August 1, 2010 through August 31, 2010, fees of \$269,825.00 and expenses of \$0 (the “**August Statement**”); and
- For September 1, 2010 through September 30, 2010, fees of \$155,919.25 and expenses of \$6,375.68 (the “**September Statement**”).

15. In total, the Applicant has submitted Monthly Statements during the Second Interim Fee Period for fees of \$906,669.25 and expenses of \$6,426.41.<sup>6</sup> As of the date of this Application, no notice party has objected to the Applicant’s Monthly Statements for the Second Interim Fee Period.

16. In accordance with the Interim Compensation Order, the Applicant sought payment for 80% of its fees and 100% of its expenses incurred, pursuant to each Monthly Statement filed with the Court. With respect to the June Statement, the Applicant received a payment of \$ 170,121.73, representing 80% of fees (\$170,071.00) and 100% of expenses (\$50.73) requested. With respect to the July Statement, the Applicant received a payment of \$216,132.80, representing 80% of fees (\$216,132.80) and 100% of expenses (\$0.00). With respect to the August Statement, the Applicant received a payment of \$216,394.00, representing 80% of fees (\$216,394.00) and 100% of expenses (\$0.00). With respect to the September Statement, the Applicant has not yet received any payments.<sup>7</sup>

17. In total, therefore, pursuant to this Application, the Applicant respectfully requests that the Court enter an order approving the payments received pursuant to the Monthly

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<sup>6</sup> The revised fees set forth in this Second Interim Fee Application vary slightly from the amounts invoiced monthly because, by agreement with the Fee Examiner, time spent reviewing time entries and travel time is now billed to the Debtors’ estate at fifty (50%) percent of standard billing rates. This agreement has resulted in lower fees to the Debtors’ estate.

<sup>7</sup> Bates White anticipates receiving payment of 80% of fees and 100% of expenses for the September Statement by the hearing date on this Application.

Statements and directing the Debtors to pay the Applicant \$179,320.85, representing 20% of the Second Interim Fees.

18. To the extent that time or disbursement charges for services rendered or disbursements incurred relate to the Second Interim Fee Period, but were not processed prior to the preparation of this Application, the Applicant reserves the right to request compensation for such services and reimbursement of such expenses in a future application.

## **BACKGROUND**

19. On June 1, 2009 (the “**Petition Date**”), the Debtors filed a voluntary petition for relief under chapter 11 of the Bankruptcy Code.<sup>8</sup> The Debtors continue to operate their business as debtors-in-possession pursuant to sections 1107 and 1108 of the Bankruptcy Code. The Debtors’ cases are being jointly-administered.

20. On June 3, 2009 (the “**Formation Date**”), the United States Trustee for the Southern District of New York (the “**United States Trustee**”) appointed the Committee consisting of fifteen members. The nine current members of the Committee are: (1) Wilmington Trust Company, (2) Law Debenture Trust Company of New York, (3) The Industrial Division of Communications Workers of America, AFL-CIO, (4) International Union, United Automobile Aerospace and Agricultural Implement Workers of America, (5) United Steel, Paper and Forestry, Rubber, Manufacturing, Energy, Allied Industrial and Service Workers International Union, (6) Inteva Products, LLC, (7) Serra Chevrolet of Birmingham, Inc, (8) Genoveva Bermudez, and (9) Kevin Schoenl.<sup>9</sup>

21. On March 16, 2010, the Committee selected the Applicant as its asbestos liability consultant. Immediately thereafter, the Applicant commenced rendering economic consulting services to the Committee, pending the approval of its retention by this Court. By the order of this Court dated April 30, 2010 [Docket No. 5683] (the “**Retention Order**”), the Applicant’s retention was approved *nunc pro tunc* to March 16, 2010, pursuant to section 1103 of the Bankruptcy Code.

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<sup>8</sup> On October 9, 2009, two additional Debtors affiliates filed voluntary petitions for relief under chapter 11 of the Bankruptcy Code.

<sup>9</sup> As a result of the consummation of the Sale Transaction, five Committee members – Pension Benefit Guaranty Corporation, Interpublic Group, Paddock Chevrolet, Saturn of Hempstead, Inc. and DENSO International America, Inc. – have resigned from the Committee. As a result of being appointed to the asbestos committee, Mark Butita was removed from the Committee.

## **SUMMARY OF SERVICES RENDERED**

22. During the Second Interim Fee Period, the Applicant's efforts were largely focused on coordinating with the Debtors and the other interested parties on key issues concerning the potential asbestos liability of the Debtors' estates. The services rendered by the Applicant during the Second Interim Fee Period are summarized below. The following summary is not a detailed description of the work performed, as the day-to-day services and the time expended in performing such services are fully set forth in the detailed time records. Rather, in compliance with the UST Guidelines, the following summary highlights certain areas in which services were rendered by the Applicant to and for the benefit of the Committee, and identifies some of the issues to which the Applicant devoted significant time and efforts during the Second Interim Fee Period.

23. The summary is divided according to the project billing codes that the Applicant created to best reflect the categories of tasks that it was required to perform in connection with these chapter 11 cases. Nevertheless, under the circumstances, and given the interconnectedness of all the issues in these chapter 11 cases, certain of these categories may overlap with each other.

24. The Applicant respectfully submits that its services throughout the Second Interim Fee Period warrant this Court's approval of its requested fees and expenses, including the payment of the 20% "hold-back" of the Second Interim Fees.

**A. Data Gathering and Processing  
(Fees: \$364,249.50; Hours Billed: 1,305.60 )**

25. During the Second Interim Fee Period, the Applicant devoted time in this category to the following tasks: Continuing to analyze Debtors' historical asbestos claims data; processing of defense cost data; processing the SSN data received from New GM; matching the Debtors' mesothelioma claimants to additional Bates White datasets to supplement personally identifiable information; preparing data set of the Debtors' mesothelioma claimants to be

produced to trust processing facilities; identifying sources of information for the Namings Database; gathering information on named defendants from various sources; standardizing defendants names for the Namings Database; matching plaintiffs from various sources for the Namings Database; indentifying sources of information for the Products Database; gathering information for the Products Database; standardizing product names for the Product Database; and processing complaints, deposition transcripts, and answers to interrogatories received from New GM.

**B. Analysis**  
**(Fees: \$227,545.50; Hours Billed: 717.60 )**

26. During the Second Interim Fee Period, the Applicant devoted time in this category to the following tasks: Putting together scenario forecasting tool for the Debtors; reviewing capabilities of the scenario forecasting tool; assessing modifications required for the forecasting tool; implementing modifications to the forecasting tool; analyzing the Debtors' average settlement values pre- and post-bankruptcy; analyzing changes in the propensity to sue from 1990 to 2009; assessing liability forecasts that opposing experts are likely to put forward; creating updated SEER mesothelioma incidence extrapolations; assessing the need for the incidence model calibration; developing alternative SEER extrapolation methods; reviewing incidence model calibration approaches; and analyzing total mesothelioma average settlement values from publically available sources.

**C. Consulting**  
**(Fees: \$135,447.00; Hours Billed: 317.60)**

27. During the Second Interim Fee Period, the Applicant devoted time in this category to the following tasks: client communication; documenting the need for discovery requests; working on case strategy; assisting with preparation of rule 2004 application; reviewing Rule 2004 objections; assisting in preparation of responses to objections; assisting with preparation for and attending the August 9, 2010 hearing; assisting with preparation of



confidentiality agreements that would not impact Bates White's ability to perform the required analysis; developing anonymity protocol, reviewing ACC's anonymity protocols; assisting with response to ACC's anonymity protocols; developing anonymity protocols; and providing settlement support.

**D. Expert Time**  
**(Fees: \$93,160.00; Hours Billed: 109.60)**

28. During the Second Interim Fee Period, the Applicant devoted time in this category to the following tasks: Preparing for and participating in conference calls with counsel for the Committee; developing methodology for the estimation of the Debtors' asbestos liability; reviewing scenario forecast model; analyzing patterns in the Debtors' claims data; review of naming patterns in the Namings Database; supporting arguments for the request of third party data for the estimation; review of case filings; developing anonymity protocol; directing case strategy; and review of SEER data.

**E. Research**  
**(Fees: \$72,641.00; Hours Billed: 263.70)**

29. During the Second Interim Fee Period, the Applicant devoted time in this category to the following tasks: researching proper discount rate applicable to the Debtors; documenting findings and conclusion with regard to the discount rate; researching documents to support case strategy; researching current legislative initiatives in connection with Trust filings; researching former filings by opposing experts; updating information on joint-and-several liability jurisdictions; updating trust offset analysis tool; updating verdicts database; researching expert reports filed in prior bankruptcies; and researching various asbestos-containing products.

**F. Project Management**  
**(Fees: \$6,515.50; Hours Billed: 16.50)**

30. During the Second Interim Fee Period, the Applicant continued to keep abreast of the information filed in the Debtors' bankruptcy cases. The Applicant devoted time to

administrative tasks, including, but not limited to: Working on budget and invoices; and ensuring compliance with confidentiality protocol

**G. Applications**  
**(Fees: \$3,911.50; Hours Billed: 9.30)**

31. During the Second Interim Fee Period, the Applicant devoted time in this category to the following tasks: drafting and preparing the First Interim Fee Application.

**H. Time Review**  
**(Fees: \$3,199.25; Hours Billed: 14.40)**

32. During the Second Interim Fee Period, the Applicant devoted time in this category to the following tasks: reviewing time records to ensure compliance with timekeeping protocols.

**STATEMENT OF BATES WHITE**

33. The foregoing professional services performed by the Applicant were appropriate and necessary. They were in the best interests of creditors, the Debtors and other parties-in-interest. Compensation for the foregoing services as requested is commensurate with the complexity, importance and nature of the problems, issues or tasks involved. The professional services were performed in an appropriately expeditious and efficient manner.

34. The professional services performed by the Applicant on behalf of the Committee during the Second Interim Fee Period required an aggregate expenditure of 2,754.30 recorded hours by the Applicant's employees. Of the aggregate time expended, 174.50 recorded hours were expended by Partners of the Applicant, 42.50 recorded hours were expended by personnel at the level of Principal, 701.00 recorded hours were expended by personnel at the level of Manager; 1,547.50 recorded hours were expended by personnel at the level of Senior Consultant, Consultant II and Consultant I, 2.20 recorded hours were expended by personnel at the level of Software Engineer, 9.40 recorded hours were expended by personnel at the level of

Database Administrator; 213.50 recorded hours were expended by personnel at the level of Research Assistant, and 63.70 recorded hours were expended by the Quality Assurance Specialist of the Applicant.

35. During the Second Interim Fee Period, the Applicant's hourly billing rates for its personnel ranged from \$850.00 to \$160.00 per hour. Allowance of compensation in the amount requested would result in a blended hourly billing rate of approximately \$329.18 per hour (based upon 2,754.30 recorded hours at the Applicant's regular and reduced billing rates in effect at the time of the performance of services). Such fees are reasonable based on the customary compensation charged by comparably skilled practitioners in comparable bankruptcy cases in a competitive national economics consulting market. As noted, attached hereto in **Exhibit "B"** is a schedule listing each of Applicant's personnel who performed services in these cases during the Second Interim Fee Period, the hourly rate charged by the Applicant for services performed by each individual and the aggregate number of hours and charges by each individual.

#### **ACTUAL AND NECESSARY DISBURSEMENTS OF BATES WHITE**

36. As set forth in **Exhibit "C"** hereto, the Applicant has disbursed \$6,246.41 as expenses incurred in providing professional services during the Second Interim Fee Period.

37. The Applicant has made every effort to minimize its disbursements in these cases. The actual expenses, which are billed at their cost to Applicant, incurred in providing professional services were necessary, reasonable, and justified under the circumstances to serve the needs of the Committee.

#### **THE REQUESTED COMPENSATION SHOULD BE ALLOWED**

38. Section 331 of the Bankruptcy Code provides for interim compensation of professionals and incorporates the substantive standards of section 330 to govern the Court's award of such compensation. 11 U.S.C. § 331. Section 330 provides that a court may award a professional employed under section 328 of the Bankruptcy Code "reasonable compensation for

actual necessary services rendered . . . and reimbursement for actual, necessary expenses.” 11 U.S.C. § 330(a)(1). Section 330 also sets forth the criteria for the award of such compensation and reimbursement:

In determining the amount of reasonable compensation to be awarded . . . the court should consider the nature, the extent, and the value of such services, taking into account all relevant factors, including –

- (A) the time spent on such services;
- (B) the rates charged for such services;
- (C) whether the services were necessary to the administration of, or beneficial at the time at which the service was rendered toward the completion of, a case under this title;
- (D) whether the services were performed within a reasonable amount of time commensurate with the complexity, importance, and nature of the problem, issue, or task addressed;
- (E) with respect to a professional person, whether the person is board certified or otherwise has demonstrated skill and experience in the bankruptcy field; and
- (F) whether the compensation is reasonable based on the customary compensation charged by comparably skilled practitioners in cases other than cases under this title.

11 U.S.C. § 330(a)(3).

39. Here, the Applicant respectfully submits that the services for which it seeks compensation in this Application were necessary for, beneficial to, and in the best interests of, the Committee. The Applicant further submits that the compensation requested herein is reasonable in light of the nature, extent, and value of such services to the Committee. The services rendered by the Applicant were consistently performed in a timely manner commensurate with the complexity, importance, and nature of the issues involved. The Applicant respectfully submits that approval of the compensation sought herein is warranted.

## **NOTICE**

40. Notice of this Application has been provided in accordance with the Interim Compensation Order and the Fee Examiner Status Report. Because of the nature of the relief requested, the Applicant submits that such notice is sufficient and that no further notice of the relief requested in the Application need be given to any party.

## **CONCLUSION**

WHEREFORE, the Applicant respectfully requests that the Court enter an order (i) awarding the Applicant the interim allowance of (a) fees for the Second Interim Fee Period in the aggregate amount of \$906,669.25, and (b) the reimbursement for actual and necessary expenses the Applicant incurred during the Second Interim Fee Period in the amount of \$6,426.41; (ii) authorizing and directing the Debtors to pay the Applicant \$179,320.85, representing all unpaid amounts for the Second Interim Fee Period; and (iii) granting such other relief as is just.

Dated: November 15, 2010  
Washington, DC

/s/ Charles Bates

Charles Bates  
Bates White, LLC  
1300 Eye Street, NW  
Suite 600E  
Washington, DC 20005  
(202) 408-6110

*Asbestos Liability Consultants for the Official  
Committee of Unsecured  
Creditors of Motors Liquidation Co., (f/k/a General  
Motors Corp.) et al.*

**EXHIBIT A**

**Certification of Charles Bates**

Bates White, LLC  
1300 Eye Street, NW  
Suite 600E  
Washington, DC 20005  
(202) 408-6110

*Asbestos Liability Consultants for the Official Committee of Unsecured Creditors of Motors Liquidation Co., (f/k/a General Motors Corp.) et al.*

UNITED STATES BANKRUPTCY COURT  
SOUTHERN DISTRICT OF NEW YORK

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In re:	)	
	)	
MOTORS LIQUIDATION COMPANY., <u>et al.</u>	)	Chapter 11
(f/k/a General Motors Corp., <u>et al.</u> )	)	
	)	Case No. 09-50026 (REG)
Debtors.	)	Jointly Administered
	)	

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**CERTIFICATION UNDER GUIDELINES FOR FEES AND DISBURSEMENTS FOR PROFESSIONALS IN RESPECT OF SECOND APPLICATION OF BATES WHITE, LLC FOR INTERIM COMPENSATION AND REIMBURSEMENT OF EXPENSES**

I, Charles Bates, hereby certify that:

1. I am Chairman of Bates White, LLC (the "Applicant"), with responsibility as asbestos liability consultant to the Official Committee of Unsecured Creditors (the "Committee") of the Debtors bankruptcy cases of Motors Liquidation Company, (f/k/a General Motors Corp.) et al. as debtors and debtors-in-possession in the Debtors bankruptcy cases (collectively, the "Debtors"), and I submit this second application for interim compensation in compliance with the Amended Guidelines for Fees and Disbursements for Professionals in Southern District of New York Bankruptcy Cases adopted by the Court on November 29, 2009 (the "Local Guidelines"), the United States Trustee Guidelines for Reviewing Applications for Compensation and Reimbursement of Expenses Filed Under 11 U.S.C. § 330, adopted on January 30, 1996 (the "UST Guidelines"), and the Order Pursuant to sections 105(a) and 331 of the



Bankruptcy Code, Bankruptcy Rule 2016(a) and Local Bankruptcy Rule 2016-1, Establishing Procedures for Interim Monthly Compensation for Professionals [Docket No. 3711] (the “Interim Compensation Order”) and, collectively with the Local Guidelines and UST Guidelines, the “Guidelines”).

2. This certification is made in respect of the Applicant’s application, dated November 15, 2010 (the “Application”), for interim compensation and reimbursement of expenses for the period commencing June 1, 2010 through and including September 30, 2010 (the “Second Interim Fee Period”) in accordance with the Guidelines.

3. In respect of section A.1 of the Local Guidelines, I certify that:

- a. I have read the Application;
- b. to the best of my knowledge, information, and belief formed after reasonable inquiry, the fees and disbursements sought fall within the Local Guidelines and the UST Guidelines;
- c. the fees and disbursements sought are billed at rates in accordance with practices customarily employed by the Applicant and generally accepted by the Applicant’s clients; and
- d. in providing a reimbursable service, the Applicant does not make a profit on that service, whether the service is performed by the Applicant in-house or through a third party.

4. In respect of section A.2 of the Local Guidelines and as required by the Interim Compensation Order, I certify that the Applicant has complied with the provision requiring it to provide the appropriate notice parties, on a monthly basis, with a statement of the Applicant’s fees and disbursements accrued during the previous month, as set forth in the Interim Compensation Order.

5. In respect of section A.3 of the Local Guidelines, I certify that counsel for the Debtors, the United States Trustee for the Southern District of New York and the Chair of the Committee are each being provided with a copy of this Application.

Dated: November 15, 2010  
Washington, DC

          /s/ Charles Bates            
Charles Bates  
Bates White, LLC  
1300 Eye Street, NW  
Suite 600E  
Washington, DC 20005  
(202) 408-6110

*Asbestos Liability Consultants for the Official  
Committee of Unsecured Creditors of Motors  
Liquidation Co., (f/k/a General Motors Corp.) et al.*

## EXHIBIT B

### Summary of Professionals

<u>Timekeeper Name</u>	<u>Department</u> <sup>3</sup>	<u>Title</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Bates, Charles	EPL	Senior Partner	113.50	\$ 850.00	\$ 95,157.50
Mullin, Charles	EPL	Partner	61.00	\$ 625.00	\$ 38,125.00
Snow, Karl	EPL	Principal	1.50	\$ 500.00	\$ 750.00
Brown, Michael	EPL	Principal	1.40	\$ 450.00	\$ 630.00
Wallace, Noah	EPL	Principal	14.30	\$ 450.00	\$ 6,435.00
Evans, Andrew	EPL	Principal	25.30	\$ 425.00	\$ 10,752.50
Grinberg, Rachel	EPL	Manager	484.10	\$ 395.00	\$ 190,962.75
Scarcella, Marc	EPL	Manager	52.00	\$ 395.00	\$ 20,540.00
Wieman, Christopher	IS	MIS Manager	7.70	\$ 385.00	\$ 2,964.50
Gallardo-Garcia, Jorge	EPL	Manager	143.40	\$ 375.00	\$ 53,775.00
Kelso, Peter	EPL	Manager	12.80	\$ 375.00	\$ 4,800.00
Stephens, Bryce	EPL	Manager	1.00	\$ 375.00	\$ 375.00
Ban, Andra	EPL	Senior Consultant	207.60	\$ 325.00	\$ 67,470.00
Johnson, Samantha	EPL	Quality Assurance Specialist	63.70	\$ 325.00	\$ 19,077.50
McDonald, Clay	IS	Database Administrator	9.40	\$ 300.00	\$ 2,820.00
White, Michael	IS	Software Engineer	2.20	\$ 300.00	\$ 660.00
Finn, Adam	EPL	Consultant II	48.50	\$ 295.00	\$ 14,307.50
Karki, Saurav	EPL	Consultant II	18.60	\$ 295.00	\$ 5,487.00
Metz, David	EPL	Consultant II	79.00	\$ 295.00	\$ 23,305.00
Sendor, David	EPL	Consultant II	80.60	\$ 295.00	\$ 23,777.00
Robinson, William	EPL	Consultant II	323.60	\$ 275.00	\$ 88,990.00
Bolian, Zachary	EPL	Consultant	459.20	\$ 255.00	\$ 117,096.00
Huang, Mary	EPL	Consultant	34.40	\$ 255.00	\$ 8,772.00
Morrow, Christopher	EPL	Consultant	160.00	\$ 255.00	\$ 40,800.00
Peters, Sarah	EPL	Consultant	1.20	\$ 255.00	\$ 306.00
Tang, Kejia	EPL	Consultant	134.80	\$ 255.00	\$ 34,374.00
An, Weifang	EPL	Research Assistant	17.10	\$ 160.00	\$ 2,736.00
Chung, Daniel	EPL	Research Assistant	56.80	\$ 160.00	\$ 9,088.00
Gerhardt, William	EPL	Research Assistant	45.30	\$ 160.00	\$ 7,248.00
Mital, Karna	EPL	Research Assistant	94.30	\$ 160.00	\$ 15,088.00
<b>Total</b>			<b>2,754.30</b>		<b>\$ 906,669.25</b>

<sup>3</sup> EPL - Environmental and Products Liability; IS - Information Services.

## EXHIBIT C

### Summary and Detail of Disbursements

<u>Description</u>	<u>Billed Amount</u>
Outsourcing to OCR of complaints, deposition transcripts, and answers to interrogatories	\$6,375.68
Lunch (Charles Bates and Rachel Grinberg) in New York, NY during meeting with Philip Bentley, counsel to the Committee	\$50.73
<b>Total</b>	<b>\$6,426.41</b>



**EXHIBIT D-2**

**Detail of Time by Billing Category**

### Analysis

Date Incurred	Employee	Hours	Professional Fees	Notes
6/2/2010	Grinberg, Rachel	0.70	\$ 276.50	worked on liability forecast
6/2/2010	Morrow, Christopher	1.00	\$ 255.00	Alleged exposure testimony database
6/2/2010	Mullin, Charles	0.70	\$ 437.50	Naming patterns
6/2/2010	Mullin, Charles	0.70	\$ 437.50	Naming patterns on recent complaints
6/2/2010	Scarcella, Marc	0.50	\$ 197.50	Continued alleged exposure testimony database development
6/2/2010	Scarcella, Marc	1.50	\$ 592.50	Trust offset programming against claim liability
6/3/2010	Grinberg, Rachel	1.00	\$ 395.00	started review of Madison county namings
6/3/2010	Grinberg, Rachel	0.50	\$ 197.50	reviewed Madison county asbestos docket web interface
6/3/2010	Grinberg, Rachel	1.50	\$ 592.50	worked with Madison county docket
6/3/2010	Scarcella, Marc	0.50	\$ 197.50	Discovery request review
6/4/2010	Mullin, Charles	0.60	\$ 375.00	Estimation approach and usefulness of potential data sources
6/4/2010	Scarcella, Marc	1.10	\$ 434.50	trust settlement tool programming for several share analysis
6/7/2010	Grinberg, Rachel	0.50	\$ 197.50	reviewed Madison County docket
6/7/2010	Grinberg, Rachel	0.90	\$ 355.50	worked on sample of mesothelioma complaints from Madison County
6/7/2010	Grinberg, Rachel	1.40	\$ 553.00	continued working on mesothelioma complaints from Madison County
6/7/2010	Grinberg, Rachel	1.30	\$ 513.50	worked on additional sources for the namings
6/8/2010	Grinberg, Rachel	1.60	\$ 632.00	worked on sources for tort namings
6/8/2010	Grinberg, Rachel	1.50	\$ 592.50	analyzed naming patterns in Alameda county, CA
6/8/2010	Grinberg, Rachel	1.50	\$ 592.50	reviewed progress on the namings database
6/8/2010	Morrow, Christopher	1.90	\$ 484.50	Quality control check of trust offset data upload and functionality of tool.
6/8/2010	Mullin, Charles	0.70	\$ 437.50	Assessment of trust settlements credits
6/9/2010	Grinberg, Rachel	1.00	\$ 395.00	review of Madison County namings
6/9/2010	Grinberg, Rachel	1.00	\$ 395.00	worked on comparison on Alameda County namings from 2 sources
6/9/2010	Grinberg, Rachel	1.00	\$ 395.00	worked on settlement scenarios
6/9/2010	Morrow, Christopher	0.70	\$ 178.50	Building administrative functions into trust offset
6/10/2010	Bolian, Zachary	1.20	\$ 306.00	Overview of PTS treatment for trust scenarios and pending claims scenario treatment.
6/10/2010	Gallardo-Garcia, Jorge	1.00	\$ 375.00	Review scenario definition strategy and plan next steps in analysis.
6/10/2010	Gallardo-Garcia, Jorge	0.50	\$ 187.50	Plan implementation of changes to forecasting
6/10/2010	Gallardo-Garcia, Jorge	0.70	\$ 262.50	Namings database duplicates review and planning next steps in analysis.
6/10/2010	Grinberg, Rachel	2.00	\$ 790.00	worked on settlement tool
6/10/2010	Grinberg, Rachel	2.60	\$ 1,027.00	worked on prototype to separate GM-liability from trust liability in the partial model
6/10/2010	Grinberg, Rachel	1.50	\$ 592.50	used partial model for GM liability scenarios
6/10/2010	Grinberg, Rachel	1.20	\$ 474.00	worked on sources for tort namings
6/10/2010	Morrow, Christopher	1.50	\$ 382.50	Testing security features in trust offset tool.
6/10/2010	Mullin, Charles	0.50	\$ 312.50	Assessment of naming patterns
6/10/2010	Robinson, William	2.60	\$ 715.00	Reviewing forecasting tool and making updates
6/10/2010	Robinson, William	1.10	\$ 302.50	Making updates to forecasting tool

6/11/2010	Grinberg, Rachel	2.50	\$ 987.50	analyzed drivers of settlement values in the Debtors historical data
6/11/2010	Grinberg, Rachel	1.50	\$ 592.50	worked on adjustments to the partial model
6/11/2010	Grinberg, Rachel	1.50	\$ 592.50	analyzed estimation of take-home mesothelioma incidence
6/11/2010	Robinson, William	2.50	\$ 687.50	Updating forecasting tool to split historical indemnity/defense flows
6/11/2010	Robinson, William	2.70	\$ 742.50	Updating forecasting tool to use multiple resolution and settlement rates
6/11/2010	Robinson, William	0.60	\$ 165.00	Updating scenarios in forecasting tool
6/11/2010	Scarcella, Marc	1.40	\$ 553.00	Bankruptcy trust database updates and trust document review
6/11/2010	Scarcella, Marc	1.20	\$ 474.00	Trust offset tool case updates for naming data
6/14/2010	Bolian, Zachary	1.20	\$ 306.00	Overview of scenario tool.
6/14/2010	Bolian, Zachary	1.60	\$ 408.00	Brainstorm solutions to excel limitations and formula sensitivities.
6/14/2010	Bolian, Zachary	1.40	\$ 357.00	Incorporating non-core calculations throughout the scenario tool.
6/14/2010	Bolian, Zachary	1.00	\$ 255.00	Error checking of PTS scenario.
6/14/2010	Bolian, Zachary	0.80	\$ 204.00	Organizing next steps to make with scenario tool.
6/14/2010	Bolian, Zachary	1.20	\$ 306.00	Updated formulas to bring in the weighted meso tort flows.
6/14/2010	Bolian, Zachary	1.20	\$ 306.00	Developing test of PTS calculations.
6/14/2010	Gallardo-Garcia, Jorge	0.60	\$ 225.00	Review status of scenario tool and plan next steps in lawyer by lawyer calculations.
6/14/2010	Gallardo-Garcia, Jorge	0.70	\$ 262.50	Review of parsing of tort and trust historical
6/14/2010	Gerhardt, William	2.00	\$ 320.00	Planning to determine best approach for adjusting forecasting tool.
6/14/2010	Gerhardt, William	1.20	\$ 192.00	Support work on adjusting forecasting tool.
6/14/2010	Gerhardt, William	1.20	\$ 192.00	Additional support work on adjusting forecasting
6/14/2010	Grinberg, Rachel	0.80	\$ 316.00	review of Madison County namings
6/14/2010	Grinberg, Rachel	1.20	\$ 474.00	review of future liability scenarios
6/14/2010	Grinberg, Rachel	1.20	\$ 474.00	worked on separating tort liability from trust liability in the forecast
6/14/2010	Grinberg, Rachel	1.30	\$ 513.50	worked on the presentation outline
6/14/2010	Robinson, William	2.90	\$ 797.50	Reviewing treatment of pending stock in the forecasting tool
6/14/2010	Robinson, William	2.40	\$ 660.00	Updating meso core calcs table in forecasting
6/14/2010	Robinson, William	2.50	\$ 687.50	Updating PTS calculations in the forecasting tool
6/14/2010	Robinson, William	2.40	\$ 660.00	Reviewing and updating forecasting tool
6/14/2010	Scarcella, Marc	0.60	\$ 237.00	Trust offset analysis
6/15/2010	Bolian, Zachary	0.40	\$ 102.00	Reviewing PTS calculation formulas and calibration windows.
6/15/2010	Bolian, Zachary	0.40	\$ 102.00	Updating year financials to include discounting of tort liability.
6/15/2010	Bolian, Zachary	1.30	\$ 331.50	Debugging PTS calculation formula.
6/15/2010	Bolian, Zachary	0.50	\$ 127.50	Updating meso total to include tort level
6/15/2010	Robinson, William	0.70	\$ 192.50	Reviewing multiple indemnity streams
6/15/2010	Robinson, William	0.90	\$ 247.50	Reviewing forecasting tool formulas and making
6/15/2010	Robinson, William	2.80	\$ 770.00	Reviewing forecasting tool and updating
6/15/2010	Robinson, William	2.50	\$ 687.50	Updating lawyer by lawyer forecast summary



6/15/2010	Robinson, William	1.00	\$ 275.00	Updating forecast summary graphs to show multiple indemnity streams
6/16/2010	Gallardo-Garcia, Jorge	1.00	\$ 375.00	Scenario tool review and updates.
6/16/2010	Grinberg, Rachel	1.00	\$ 395.00	worked on future liability scenarios
6/16/2010	Robinson, William	2.50	\$ 687.50	Updating lawyer specific forecast summary in the forecasting tool
6/16/2010	Robinson, William	2.70	\$ 742.50	Updating forecasting tool to split indemnity
6/17/2010	Gallardo-Garcia, Jorge	0.70	\$ 262.50	Scenario tool review.
6/17/2010	Gallardo-Garcia, Jorge	1.00	\$ 375.00	Plan changes to scenario tool and update.
6/17/2010	Grinberg, Rachel	0.60	\$ 237.00	worked on future liability scenarios
6/17/2010	Grinberg, Rachel	0.70	\$ 276.50	Reviewed estimation of mesothelioma incidence
6/17/2010	Grinberg, Rachel	0.60	\$ 237.00	worked on presentation to the Committee
6/17/2010	Grinberg, Rachel	1.20	\$ 474.00	continued work on presentation to the Committee
6/17/2010	Grinberg, Rachel	0.90	\$ 355.50	review of adjustments to the forecasting tool
6/17/2010	Grinberg, Rachel	0.90	\$ 355.50	review availability of SSN in datasets on chapter 11 bk cases
6/17/2010	Grinberg, Rachel	0.50	\$ 197.50	reviewed adjustments to the scenario tool
6/17/2010	Robinson, William	2.20	\$ 605.00	Reviewing NPV calculations in forecasting tool
6/17/2010	Robinson, William	2.00	\$ 550.00	Reviewing PTS calculations in forecasting tool
6/18/2010	Grinberg, Rachel	0.50	\$ 197.50	review of SEER extrapolations of meso incidence
6/21/2010	Robinson, William	0.90	\$ 247.50	Reviewing updates to forecasting tool
6/22/2010	Bolian, Zachary	0.60	\$ 153.00	Updating fields in the scenario tool to allow back
6/22/2010	Bolian, Zachary	1.50	\$ 382.50	QC scenario updates.
6/22/2010	Bolian, Zachary	0.50	\$ 127.50	Brainstorming most efficient way to implement historical "forecast."
6/22/2010	Bolian, Zachary	1.30	\$ 331.50	Created formulas to allow historic back cast to be dynamic.
6/22/2010	Bolian, Zachary	1.00	\$ 255.00	Updating formulas for backcast meso core calcs.
6/22/2010	Bolian, Zachary	0.60	\$ 153.00	Adding formulas to allow backcast for historical
6/22/2010	Bolian, Zachary	0.50	\$ 127.50	Debugging historical match up.
6/22/2010	Grinberg, Rachel	2.00	\$ 790.00	analyzed claims data and resulting liability
6/22/2010	Sendor, David	0.90	\$ 265.50	reviewed data for Peterson type forecast
6/22/2010	Sendor, David	0.40	\$ 118.00	analyzed trust offsets effects on forecasts
6/22/2010	Sendor, David	1.50	\$ 442.50	prepared analysis of trusts
6/23/2010	Bolian, Zachary	1.10	\$ 280.50	Implementing CPI adjustment for historical "forecast" in scenario tool.
6/23/2010	Bolian, Zachary	0.40	\$ 102.00	QC of scenario tool under parameters.
6/23/2010	Bolian, Zachary	0.50	\$ 127.50	Reviewing high scenario methodology.
6/23/2010	Bolian, Zachary	1.50	\$ 382.50	Review forecast methodology for high forecast
6/23/2010	Bolian, Zachary	1.50	\$ 382.50	Continued reviewing the high scenario
6/23/2010	Bolian, Zachary	0.40	\$ 102.00	Review treatment of current CPI.
6/23/2010	Robinson, William	0.70	\$ 192.50	Reviewing the historical forecast update in the forecasting tool
6/23/2010	Sendor, David	0.50	\$ 147.50	analyzed CPI adjustments
6/24/2010	Bolian, Zachary	0.50	\$ 127.50	Summarize findings of high scenario
6/24/2010	Bolian, Zachary	0.80	\$ 204.00	Preparing PTS analysis as input for high
6/24/2010	Bolian, Zachary	0.30	\$ 76.50	Review PTS analysis and outline how to implement PTS in tool.
6/24/2010	Bolian, Zachary	0.30	\$ 76.50	Began implementation of "Peterson" calculations in scenario tool.
6/24/2010	Bolian, Zachary	0.30	\$ 76.50	Brainstorm implementation of "Peterson style"
6/24/2010	Grinberg, Rachel	1.00	\$ 395.00	reviewed changes to the forecasting tool

6/24/2010	Morrow, Christopher	2.10	\$ 535.50	Analyzing cases and adjusting tool for trust offset analysis.
6/24/2010	Robinson, William	0.50	\$ 137.50	Reviewing linear forecast updates to forecasting
6/24/2010	Sendor, David	0.50	\$ 147.50	review Peterson type adjustments
6/25/2010	Bolian, Zachary	0.80	\$ 204.00	Continue development of high scenario forecast formula.
6/25/2010	Bolian, Zachary	2.70	\$ 688.50	Implementation of high scenario formula in scenario tool.
6/25/2010	Bolian, Zachary	1.50	\$ 382.50	Updating formulas for meso core for high scenario forecast.
6/25/2010	Bolian, Zachary	1.10	\$ 280.50	Updating formulas for LCa for forecast under high scenario.
6/25/2010	Bolian, Zachary	0.90	\$ 229.50	QC of high scenario forecast.
6/25/2010	Gerhardt, William	1.00	\$ 160.00	Checking validity of entries for namings
6/25/2010	Morrow, Christopher	1.30	\$ 331.50	Form development for trust offset database.
6/25/2010	Sendor, David	0.20	\$ 59.00	update Peterson type forecast results
6/28/2010	Bolian, Zachary	1.50	\$ 382.50	Debugged calculation of ASV's for high forecast scenario.
6/28/2010	Bolian, Zachary	0.20	\$ 51.00	Adding separate trend windows to scenario tool.
6/28/2010	Bolian, Zachary	0.30	\$ 76.50	Adding incidence curve toggle to scenario tool.
6/28/2010	Bolian, Zachary	1.00	\$ 255.00	Preparing overview of new scenario toggles and
6/28/2010	Bolian, Zachary	0.90	\$ 229.50	Overview of scenario tool modifications.
6/28/2010	Bolian, Zachary	1.00	\$ 255.00	Updated formulas with revisions to ASV
6/28/2010	Bolian, Zachary	0.50	\$ 127.50	QC of workbook.
6/28/2010	Bolian, Zachary	0.30	\$ 76.50	Review assumptions used in the historical
6/28/2010	Grinberg, Rachel	0.50	\$ 197.50	reviewed master namings database
6/28/2010	Grinberg, Rachel	0.90	\$ 355.50	worked on the forecasting tool
6/28/2010	Sendor, David	0.50	\$ 147.50	Reviewed Peterson update
6/28/2010	Sendor, David	1.30	\$ 383.50	Prepare additions to Peterson forecast
6/28/2010	Sendor, David	1.60	\$ 472.00	Analyze effects of Peterson analysis
6/29/2010	Bolian, Zachary	1.50	\$ 382.50	Planned next steps of scenario tool development.
6/29/2010	Bolian, Zachary	1.70	\$ 433.50	Implemented exponential trend for high scenario forecast.
6/29/2010	Bolian, Zachary	1.10	\$ 280.50	Review evaluation of pending stock in future
6/29/2010	Bolian, Zachary	1.10	\$ 280.50	Adjusted the formulas used to model resolution of claims.
6/29/2010	Gallardo-Garcia, Jorge	0.40	\$ 150.00	Pending resolution rate review.
6/29/2010	Grinberg, Rachel	1.00	\$ 395.00	reviewed changes to the forecasting tool
6/29/2010	Grinberg, Rachel	1.20	\$ 474.00	worked on future liability forecast
6/29/2010	Grinberg, Rachel	1.20	\$ 474.00	continued work on future liability forecast
6/29/2010	Morrow, Christopher	1.00	\$ 255.00	Analysis report form development for trust offset
6/29/2010	Mullin, Charles	0.60	\$ 375.00	Incorporation of unnamed/off-complaint defendants into the model
6/29/2010	Mullin, Charles	0.30	\$ 187.50	Review of WV rules
6/30/2010	Bolian, Zachary	0.50	\$ 127.50	Removed Madison county toggle from scenario workbook.
6/30/2010	Bolian, Zachary	0.20	\$ 51.00	Updated resolution distribution used in the scenario tool.
6/30/2010	Bolian, Zachary	0.60	\$ 153.00	Review lawyer selection criteria for scenario tool.
6/30/2010	Bolian, Zachary	1.20	\$ 306.00	Incorporating separate liability under Peterson style forecast scenario.

6/30/2010	Bolian, Zachary	0.60	\$ 153.00	Removed code that preselects non-core and core lawyers when preparing data for scenario
6/30/2010	Bolian, Zachary	1.40	\$ 357.00	Re-incorporate bankruptcy adjustment to tool.
6/30/2010	Bolian, Zachary	1.00	\$ 255.00	Updated criteria for selecting lawyers included in scenario tool.
6/30/2010	Bolian, Zachary	0.30	\$ 76.50	Researching use of solver add-in in scenario
6/30/2010	Bolian, Zachary	0.30	\$ 76.50	QC updated to scenario workbook.
6/30/2010	Bolian, Zachary	1.10	\$ 280.50	Investigating valley in futures when all lawyers are set to core.
6/30/2010	Evans, Andrew	0.40	\$ 170.00	Confirmation of method and underlying value of average meso values reported by RAND
6/30/2010	Grinberg, Rachel	0.60	\$ 237.00	identified most active counties within the pending stock on meso claims
6/30/2010	Grinberg, Rachel	3.40	\$ 1,343.00	reviewed RAND report; derived implied ASV
6/30/2010	Grinberg, Rachel	0.50	\$ 197.50	review of RAND ASV estimates
6/30/2010	Grinberg, Rachel	0.50	\$ 197.50	continued review of RAND ASV estimates
6/30/2010	Mullin, Charles	1.10	\$ 687.50	Reconstruction of settlement values from RAND
7/1/2010	Bolian, Zachary	0.40	\$ 102.00	Test for discrepancies in different versions of the
7/1/2010	Bolian, Zachary	1.80	\$ 459.00	Debugging discrepancy between tools.
7/1/2010	Bolian, Zachary	0.20	\$ 51.00	Documenting status of the tool development.
7/1/2010	Bolian, Zachary	0.40	\$ 102.00	Looking in to how to do manual trending forecast.
7/1/2010	Bolian, Zachary	0.60	\$ 153.00	Implementing slope constraint toggle to Peterson style forecast.
7/1/2010	Bolian, Zachary	0.80	\$ 204.00	Add toggles to choose what curve PTS is relative
7/1/2010	Bolian, Zachary	1.00	\$ 255.00	Reviewed calculation of relative PTS and PTS
7/1/2010	Grinberg, Rachel	1.30	\$ 513.50	worked on preliminary future liability forecasts
7/1/2010	Grinberg, Rachel	1.60	\$ 632.00	worked on adjustments to the forecasting tool
7/1/2010	Morrow, Christopher	0.20	\$ 51.00	Entering data and running offset analysis on cases naming General Motors.
7/1/2010	Morrow, Christopher	1.50	\$ 382.50	Trust offset analysis on case naming general
7/1/2010	Morrow, Christopher	0.80	\$ 204.00	Review of case naming General Motors for trust offset analysis.
7/1/2010	Mullin, Charles	0.70	\$ 437.50	Ford history in asbestos
7/1/2010	Robinson, William	0.80	\$ 220.00	Reviewing future PTS calculations in forecasting
7/2/2010	Bolian, Zachary	0.20	\$ 51.00	Adding labels to variables in the tool.
7/2/2010	Bolian, Zachary	0.60	\$ 153.00	Incorporating changes across the scenario tool.
7/2/2010	Bolian, Zachary	0.30	\$ 76.50	Including new lawyers included in tool in the compiled lawyer fields.
7/2/2010	Bolian, Zachary	0.30	\$ 76.50	Continued QC of scenario tool.
7/2/2010	Bolian, Zachary	0.70	\$ 178.50	Testing various parameter entries in the scenario
7/2/2010	Bolian, Zachary	0.70	\$ 178.50	Review formulas that adjust disposition of the pending stock.
7/2/2010	Bolian, Zachary	2.30	\$ 586.50	Updating formulas for non-core calculation of pending stock adjustment.
7/2/2010	Bolian, Zachary	0.20	\$ 51.00	Testing various parameter inputs.
7/2/2010	Bolian, Zachary	0.80	\$ 204.00	Continued testing various parameter
7/2/2010	Bolian, Zachary	1.30	\$ 331.50	Creating expenditure by lawyer summary tables.
7/2/2010	Bolian, Zachary	1.00	\$ 255.00	Continued creating expenditure by lawyer summary tables.
7/2/2010	Morrow, Christopher	2.00	\$ 510.00	Entering data and running trust offset analysis on case naming General Motors.

7/6/2010	Bolian, Zachary	0.50	\$ 127.50	Review scenario tool by testing interactions of various scenarios.
7/6/2010	Bolian, Zachary	0.50	\$ 127.50	Investigated the valuation of pending claims under the high scenario model.
7/6/2010	Bolian, Zachary	0.70	\$ 178.50	Review tool functionality.
7/6/2010	Bolian, Zachary	0.60	\$ 153.00	Began implementing a user defined slope for trended scenario.
7/6/2010	Bolian, Zachary	0.70	\$ 178.50	Debugging issue with separate liability flag.
7/6/2010	Bolian, Zachary	0.40	\$ 102.00	Correcting cell reference from data update.
7/6/2010	Bolian, Zachary	0.20	\$ 51.00	Outline OLS implementation.
7/6/2010	Bolian, Zachary	0.60	\$ 153.00	Review OLS estimation in matrix form.
7/6/2010	Bolian, Zachary	1.00	\$ 255.00	Testing matrix formulas to perform OLS in excel.
7/6/2010	Bolian, Zachary	1.00	\$ 255.00	Testing regression formulas for Peterson style extrapolation.
7/6/2010	Bolian, Zachary	0.90	\$ 229.50	Implementing OLS for Meso claims for ASV.
7/6/2010	Bolian, Zachary	0.90	\$ 229.50	Propogated OLS estimations across PTS and other diseases.
7/6/2010	Bolian, Zachary	0.40	\$ 102.00	Reintroduced slope constraint toggle.
7/6/2010	Evans, Andrew	0.90	\$ 382.50	Development work on shifting transaction costs concept
7/6/2010	Grinberg, Rachel	1.00	\$ 395.00	overview of valuation scenarios
7/6/2010	Grinberg, Rachel	1.50	\$ 592.50	worked on valuation scenarios
7/6/2010	Grinberg, Rachel	1.10	\$ 434.50	continued work on valuation scenarios
7/6/2010	Mullin, Charles	1.40	\$ 875.00	Incorporation of defendnat defense expenditures into the general model
7/6/2010	Sendor, David	0.60	\$ 177.00	prepared OLS system in scenario tool to replicate Peterson style forecast
7/7/2010	Bolian, Zachary	0.80	\$ 204.00	Completed front- end implementation of user defined slope for trended scenario.
7/7/2010	Bolian, Zachary	0.80	\$ 204.00	QC scenario tool output under various scenarios.
7/7/2010	Bolian, Zachary	0.40	\$ 102.00	Calibrated scenario windows..
7/7/2010	Bolian, Zachary	0.30	\$ 76.50	Brainstormed best way to implement resolution distribution on trended scenario.
7/7/2010	Bolian, Zachary	0.50	\$ 127.50	Began implementation of resolution distribution for trended scenario.
7/7/2010	Bolian, Zachary	0.60	\$ 153.00	Continued implementation of resolution distribution on trended scenario.
7/7/2010	Bolian, Zachary	0.40	\$ 102.00	QCed resolution distribution over trended
7/7/2010	Bolian, Zachary	0.40	\$ 102.00	Added separate toggles for PTS and ASV trend to allow different functional forms.
7/7/2010	Bolian, Zachary	0.90	\$ 229.50	Added conditionals and formulas to allow user defined slope settings to propagate.
7/7/2010	Bolian, Zachary	0.30	\$ 76.50	Added conditional formatting to new interface to make active cells more clear.
7/7/2010	Bolian, Zachary	0.30	\$ 76.50	Cleaned up formatting.
7/7/2010	Bolian, Zachary	0.80	\$ 204.00	Reviewed and updated data documentation.
7/7/2010	Bolian, Zachary	0.20	\$ 51.00	Collected notes about status and planned next
7/7/2010	Evans, Andrew	0.30	\$ 127.50	Consideration of sample size needs for naming
7/7/2010	Gallardo-Garcia, Jorge	0.50	\$ 187.50	Scenarios review and analysis.
7/7/2010	Gerhardt, William	1.00	\$ 160.00	worked on EPL forecasting tool and the General
7/7/2010	Grinberg, Rachel	1.40	\$ 553.00	reviewed defense data
7/7/2010	Grinberg, Rachel	2.20	\$ 869.00	worked on the valuation tool

7/7/2010	Scarcella, Marc	0.60	\$ 237.00	Trust settlement analysis tool development
7/8/2010	Bolian, Zachary	0.40	\$ 102.00	Investigated ASV display under high scenario
7/8/2010	Bolian, Zachary	0.40	\$ 102.00	Testing display of ASVs on front end using trended scenario forecast.
7/8/2010	Bolian, Zachary	0.50	\$ 127.50	Implementing changes to propagate CPI adjustment throughout scenario tool.
7/8/2010	Bolian, Zachary	0.50	\$ 127.50	Began updating front end display of ASV to display maximum ASV used in trended
7/8/2010	Bolian, Zachary	0.70	\$ 178.50	Reviewing CPI calculations done in the code and done in the workbook.
7/8/2010	Bolian, Zachary	1.20	\$ 306.00	Testing footing of historical forecast with historical claims with CPI adjustment.
7/8/2010	Bolian, Zachary	0.40	\$ 102.00	Brainstormed solution to footing issue.
7/8/2010	Bolian, Zachary	0.30	\$ 76.50	Continued to update front end formulas that display ASV for forecast.
7/8/2010	Bolian, Zachary	0.20	\$ 51.00	Began implementing front end trend cap option.
7/8/2010	Evans, Andrew	0.30	\$ 127.50	Evaluation of trusts as possible source for exposure data
7/8/2010	Grinberg, Rachel	1.70	\$ 671.50	worked on valuation scenarios using extrapolation methods with varying functional
7/8/2010	Morrow, Christopher	1.70	\$ 433.50	Form development to build analysis log in trust offset settlement tool.
7/8/2010	Morrow, Christopher	1.40	\$ 357.00	Continued form development and analysis to log trust offsets in trust offset settlement tool.
7/8/2010	Scarcella, Marc	0.70	\$ 276.50	report development programming
7/9/2010	Bolian, Zachary	0.20	\$ 51.00	Adjusted formatting of some cells on front end of
7/9/2010	Bolian, Zachary	0.40	\$ 102.00	Implemented future caps option for trended ASV and PTS.
7/9/2010	Bolian, Zachary	0.20	\$ 51.00	QC cap implementation and front end display.
7/9/2010	Bolian, Zachary	0.30	\$ 76.50	Brainstormed best way to draw in other diseases to tort calculation.
7/9/2010	Bolian, Zachary	0.90	\$ 229.50	Adding parameters and corresponding flags for nonmalignant tort claims.
7/9/2010	Bolian, Zachary	0.60	\$ 153.00	Adjusting calculations of ASV and PTS to include other diseases for tort.
7/9/2010	Bolian, Zachary	0.50	\$ 127.50	Began development of LCa core calcs for Tort.
7/9/2010	Bolian, Zachary	1.00	\$ 255.00	Incorporating other diseases in relative PTS
7/9/2010	Bolian, Zachary	0.90	\$ 229.50	Expanded relative calculations to include all disease categories.
7/9/2010	Bolian, Zachary	0.80	\$ 204.00	Began updating calculations in lc table that are used to generate the lc core calcs for tort liability.
7/9/2010	Bolian, Zachary	1.30	\$ 331.50	Incorporated calculations to adjust pending lc claims for tort liability.
7/9/2010	Morrow, Christopher	1.90	\$ 484.50	Form development for trust offset analysis historic report storage.
7/9/2010	Scarcella, Marc	0.80	\$ 316.00	Trust settlement tool programming updates
7/9/2010	Scarcella, Marc	0.60	\$ 237.00	Continued trust settlement tool programming
7/9/2010	Stephens, Bryce	0.50	\$ 187.50	Review of updates to SEER data processing
7/12/2010	Bolian, Zachary	1.20	\$ 306.00	Review of tool capabilities to this point and plan additional features that will improved
7/12/2010	Bolian, Zachary	1.00	\$ 255.00	Improved slope cap functionality for trended

7/12/2010	Bolian, Zachary	0.20	\$ 51.00	Temporarily disabling tort LCa calculation for QC purposes.
7/12/2010	Bolian, Zachary	1.20	\$ 306.00	Added calculations to the core calcs for LCa tort indemnity.
7/12/2010	Bolian, Zachary	2.10	\$ 535.50	Adding LCa tort indemnity to total calculations for summary statistics.
7/12/2010	Bolian, Zachary	1.00	\$ 255.00	Investigated discrepancy in by lawyer summary
7/12/2010	Bolian, Zachary	0.50	\$ 127.50	Adjusted display formulas to be more dynamic.
7/12/2010	Bolian, Zachary	1.20	\$ 306.00	Adjusting summary graphs to display tort indemnity by disease breakdown.
7/12/2010	Bolian, Zachary	1.00	\$ 255.00	QC of changes made to incorporate LCa tort indemnity portion.
7/12/2010	Grinberg, Rachel	0.50	\$ 197.50	worked on forecasting methodology
7/12/2010	Grinberg, Rachel	0.50	\$ 197.50	overview of SEER data for mesothelioma incidence extrapolation
7/12/2010	Grinberg, Rachel	1.60	\$ 632.00	overview of valuation scenarios
7/12/2010	Mital, Karna	0.80	\$ 128.00	worked with the Trust Settlement Tool database
7/12/2010	Morrow, Christopher	1.10	\$ 280.50	Form development for historic trust offset report functionality.
7/12/2010	Morrow, Christopher	1.30	\$ 331.50	Testing and development of trust offset historic report function in trust offset tool.
7/12/2010	Morrow, Christopher	0.80	\$ 204.00	Continued testing and development of trust offset historic report function in trust offset tool.
7/12/2010	Mullin, Charles	0.60	\$ 375.00	Reserach on GM credit rating pre bankruptcy
7/12/2010	Mullin, Charles	1.10	\$ 687.50	Reserach on GM debt market
7/12/2010	Stephens, Bryce	0.50	\$ 187.50	Update on SEER data development
7/13/2010	Bolian, Zachary	0.70	\$ 178.50	Maked changes to allow user defined defense amounts and ratios in scenario tool.
7/13/2010	Bolian, Zachary	0.70	\$ 178.50	Added default 100% resolution rate for high scenario forecast.
7/13/2010	Bolian, Zachary	0.70	\$ 178.50	Adjusted formula to allow user to remove ASV and PTS cap for trended scenario by simply
7/13/2010	Bolian, Zachary	0.60	\$ 153.00	Reorganizing front end of tool for trended scenario parameters to allow for a separate trend
7/13/2010	Bolian, Zachary	0.80	\$ 204.00	Built summary tables of historical estimated values and graphs of trended scenarios.
7/13/2010	Bolian, Zachary	0.20	\$ 51.00	Debugging issues with valuation of pending meso claims.
7/13/2010	Bolian, Zachary	0.40	\$ 102.00	Investigating discrepancy in summary results
7/13/2010	Bolian, Zachary	0.60	\$ 153.00	Continued debugging discrepancy in summary statistics pages.
7/13/2010	Bolian, Zachary	0.30	\$ 76.50	Putting together and organizing notes.
7/13/2010	Bolian, Zachary	2.20	\$ 561.00	Researched and developed method to create dynamic graph range.
7/13/2010	Bolian, Zachary	0.40	\$ 102.00	Brainstorming best way to implement two window trend estimation.
7/13/2010	Bolian, Zachary	0.80	\$ 204.00	Adjusted formulas used for OLS estimate to allow for different avg and trend windows.
7/13/2010	Bolian, Zachary	0.30	\$ 76.50	Adjusted the formatting of the trend charts.
7/13/2010	Grinberg, Rachel	1.50	\$ 592.50	reviewed namings database
7/13/2010	Grinberg, Rachel	2.70	\$ 1,066.50	worked on statistical sample for discovery

7/13/2010	Morrow, Christopher	1.10	\$ 280.50	Research into valuation and liability estimates for recently confirmed trust.
7/13/2010	Morrow, Christopher	0.30	\$ 76.50	Reviewing approved site standardization and translation process.
7/13/2010	Scarcella, Marc	1.00	\$ 395.00	worked on Trust Settlement Tool
7/14/2010	Bolian, Zachary	0.30	\$ 76.50	Reviewed checklist of updates to be made to the tool and progress on each update.
7/14/2010	Bolian, Zachary	0.20	\$ 51.00	Looked through new defense data to determine how it will end up being included in our database and in our tool.
7/14/2010	Bolian, Zachary	1.50	\$ 382.50	Implemented dynamic feature of trend graphs for fit display.
7/14/2010	Bolian, Zachary	0.30	\$ 76.50	Updated transposed trended ASV and PTS values to account for new data shape.
7/14/2010	Bolian, Zachary	0.30	\$ 76.50	QC dynamic graphs under various parameter
7/14/2010	Bolian, Zachary	0.70	\$ 178.50	Began to incorporate necessary flags and adjustment formulas to calculate OCa Tort
7/14/2010	Bolian, Zachary	0.30	\$ 76.50	Updating formulas to include the resolution of pending Tort OCa claims.
7/14/2010	Bolian, Zachary	0.50	\$ 127.50	Continued to develop formulas to adjust pending stock for tort liability of claims with OCa.
7/14/2010	Bolian, Zachary	0.20	\$ 51.00	Completed adjustment to pending stock of OCa
7/14/2010	Bolian, Zachary	0.20	\$ 51.00	QC of formula changes made.
7/14/2010	Bolian, Zachary	1.00	\$ 255.00	Began writing formulas to forecast tort portion of OCa indemnity.
7/14/2010	Bolian, Zachary	0.50	\$ 127.50	Continued adding formulas to forecast tort portion of OCa liability.
7/14/2010	Bolian, Zachary	0.40	\$ 102.00	Completed addition of formulas that forecast tort share of OCa indemnity.
7/14/2010	Bolian, Zachary	1.20	\$ 306.00	Review modeling of OLS trend windows and relative PTS filing windows.
7/14/2010	Bolian, Zachary	0.40	\$ 102.00	Updating calculations that allow two different windows for trending.
7/14/2010	Bolian, Zachary	0.40	\$ 102.00	Created disease specific calibration windows for PTS relative filings calculation.
7/14/2010	Bolian, Zachary	0.20	\$ 51.00	Handled trend used when the user set parameters that create a degenerate matrix for
7/14/2010	Bolian, Zachary	0.30	\$ 76.50	Investigating difficulty with changing when Peterson style forecast begins.
7/14/2010	Grinberg, Rachel	1.00	\$ 395.00	continued work on statistical sample for discovery request
7/14/2010	Grinberg, Rachel	0.80	\$ 316.00	outlined workstream to evaluate proper discount rate for GM
7/14/2010	Grinberg, Rachel	1.30	\$ 513.50	worked on the forecasting tool
7/14/2010	Grinberg, Rachel	1.50	\$ 592.50	worked on the meso incidence extrapolation from the SEER data
7/14/2010	Morrow, Christopher	1.10	\$ 280.50	Updating approved site list in bankruptcy
7/14/2010	Morrow, Christopher	1.10	\$ 280.50	Scripting process to update dates for approved sites in bankruptcy database.
7/15/2010	Bolian, Zachary	0.50	\$ 127.50	Finished adding flags to other portions of tool that require calculations to have different tort pending window.

7/15/2010	Bolian, Zachary	0.60	\$ 153.00	Updating formulas in nm calcs for include trended scenario projections.
7/15/2010	Bolian, Zachary	0.30	\$ 76.50	Adding flags in core calcs pages to indicate which historical years will be trended for trend
7/15/2010	Bolian, Zachary	0.60	\$ 153.00	Updating front end and flag calculations to allow for different pending valuation window for tort
7/15/2010	Bolian, Zachary	0.30	\$ 76.50	Began adjusting calculations to use new tort specific pending window flags created.
7/15/2010	Bolian, Zachary	0.50	\$ 127.50	QCed changes made regarding different windows for valuation of pending claims.
7/15/2010	Bolian, Zachary	0.40	\$ 102.00	Brainstormed organizational issues with adjusting trend to begin at end of trend window rather than the first future year.
7/15/2010	Bolian, Zachary	0.30	\$ 76.50	Began updating formulas in trend calculations to take account of new structure.
7/15/2010	Bolian, Zachary	0.60	\$ 153.00	Began updating the trend graphs to only display trend window period.
7/15/2010	Bolian, Zachary	0.40	\$ 102.00	Finished updates to graphs to display relevant trend window only.
7/15/2010	Bolian, Zachary	0.40	\$ 102.00	Adjusted formulas to allow trending to begin at end of window rather than first year of future
7/15/2010	Bolian, Zachary	0.40	\$ 102.00	Began shifting formulas in core calcs pages to account for increased amount of trend data.
7/15/2010	Bolian, Zachary	0.50	\$ 127.50	Adding columns to core calcs pages to allow for historical trend years.
7/15/2010	Bolian, Zachary	0.40	\$ 102.00	Adding formulas to calculate trended meso PTS for post window historical years.
7/15/2010	Evans, Andrew	0.70	\$ 297.50	Preliminary master namings data analysis; review of data for possible issues and holes
7/15/2010	Grinberg, Rachel	2.00	\$ 790.00	finalized sample of 655 claimants for the discovery request
7/15/2010	Morrow, Christopher	0.50	\$ 127.50	Approved site list update in trust offset tool.
7/15/2010	Morrow, Christopher	0.50	\$ 127.50	Quality control check of updates to approved site list in trust offset tool.
7/15/2010	Morrow, Christopher	0.30	\$ 76.50	Reviewing results of site list update analysis.
7/15/2010	Morrow, Christopher	0.70	\$ 178.50	Quality control check of trust approved site list update and implementation of update.
7/15/2010	Sendor, David	0.60	\$ 177.00	gather discount information
7/15/2010	Sendor, David	1.30	\$ 383.50	review discounted methodology
7/15/2010	Sendor, David	0.60	\$ 177.00	analyze cash flow discounts
7/15/2010	Snow, Karl	0.50	\$ 250.00	Default probability analysis.
7/16/2010	Bolian, Zachary	0.60	\$ 153.00	Adding formulas to begin forecasting meso flows at end of trend window for trended scenario.
7/16/2010	Bolian, Zachary	0.50	\$ 127.50	Wrote formulas to perform historical forecast of meso ASV for trended scenario.
7/16/2010	Bolian, Zachary	0.50	\$ 127.50	Added conditionals in the historical page of the tool to allow for switch between trend and actual
7/16/2010	Bolian, Zachary	0.40	\$ 102.00	Began updating formulas to allow historical forecasting for trended scenario of nonmalignant
7/16/2010	Bolian, Zachary	0.50	\$ 127.50	QCed new calculations to do historical forecast of trended meso indemnity.



7/16/2010	Bolian, Zachary	0.80	\$ 204.00	Updated formulas to include historical trend projection for LCa.
7/16/2010	Bolian, Zachary	0.40	\$ 102.00	Began adding formulas to allow trend to begin at the end of the trend window for OCa.
7/16/2010	Bolian, Zachary	0.40	\$ 102.00	Wrote formulas to do historical forecast of trended OCa ASV.
7/16/2010	Evans, Andrew	0.30	\$ 127.50	Additional preliminary analysis regarding robustness of naming data
7/16/2010	Evans, Andrew	0.20	\$ 85.00	Verificaiton of CCR member list and information for calculating exits to help in share determinations work related to namings
7/16/2010	Evans, Andrew	0.30	\$ 127.50	Review of translation table for use in naming
7/16/2010	Grinberg, Rachel	1.70	\$ 671.50	worked on SEER meso extrapolations
7/16/2010	Morrow, Christopher	1.30	\$ 331.50	Approved site list translation coding.
7/16/2010	Morrow, Christopher	0.60	\$ 153.00	Reviewing approved site list translation coding and methodology.
7/16/2010	Morrow, Christopher	0.60	\$ 153.00	Researching trust activity on trust websites.
7/16/2010	Sendor, David	0.80	\$ 236.00	review discount rates
7/18/2010	Bolian, Zachary	0.70	\$ 178.50	Adding formulas to non-malignant calculations to allow historical forecast for trended scenario.
7/18/2010	Bolian, Zachary	0.20	\$ 51.00	Added flags to core calcs page used to calculate tort indemnity portion.
7/18/2010	Bolian, Zachary	1.80	\$ 459.00	Adjusting calculations in to value tort indemnity pending stock non-malignant claims.
7/18/2010	Bolian, Zachary	0.50	\$ 127.50	Began writing formulas for core calcs needed forecast tort non-malignant indemnity.
7/18/2010	Bolian, Zachary	1.10	\$ 280.50	Updating core calculations for tort indemnity of non-malignants.
7/19/2010	Bolian, Zachary	1.10	\$ 280.50	Adjusting formulas in the back of the tool to allow separation of historical dollar reporting.
7/19/2010	Bolian, Zachary	0.50	\$ 127.50	QC adjustments made to tool by comparing to previous version.
7/19/2010	Bolian, Zachary	0.60	\$ 153.00	Adjust calculations to set floor for estimations in trend scenario at 0.
7/19/2010	Bolian, Zachary	1.00	\$ 255.00	Updated offsets used to resolve trended scenario according to the resolution distribution.
7/19/2010	Bolian, Zachary	0.20	\$ 51.00	Calibrated formula to extend trend for the end of the window rather than the first future year.
7/19/2010	Bolian, Zachary	0.30	\$ 76.50	Updated valuation of pending stock for non-
7/19/2010	Bolian, Zachary	0.70	\$ 178.50	QC differences between different versions over several parameter settings.
7/19/2010	Bolian, Zachary	0.60	\$ 153.00	Adjusted formulas in the historical calculations to aggregate all diseases historically.
7/19/2010	Bolian, Zachary	0.50	\$ 127.50	Began creating place holders for tort indemnity portion of non-meso diseases in aggregated
7/19/2010	Bolian, Zachary	0.70	\$ 178.50	Wrote formulas to draw non-meso tort indemnity in to summary tables.
7/19/2010	Bolian, Zachary	0.70	\$ 178.50	Reviewed and corrected vlookup references after inserting columns in results pages.
7/19/2010	Bolian, Zachary	1.20	\$ 306.00	Updating formulas and fields in financial flows to contain non-meso tort indemnity calculations.
7/19/2010	Bolian, Zachary	0.30	\$ 76.50	Corrected formatting of summary results pages.

7/19/2010	Bolian, Zachary	0.70	\$ 178.50	Added fields to calculate the tort pending stock.
7/19/2010	Bolian, Zachary	0.70	\$ 178.50	QCed discrepancy in LCa tort pending stock
7/19/2010	Grinberg, Rachel	1.00	\$ 395.00	reviewed financial data to determine appropriate discount rate
7/19/2010	Morrow, Christopher	1.00	\$ 255.00	Pulling documents and extracting information from recently formed asbestos bankruptcy trust.
7/19/2010	Morrow, Christopher	1.00	\$ 255.00	Revising automated construction of approved site list update methodology.
7/19/2010	Morrow, Christopher	1.00	\$ 255.00	Testing and updating historic report saving feature in trust offset database.
7/19/2010	Morrow, Christopher	0.80	\$ 204.00	Continued revision of automated methodology for updating approved site list.
7/20/2010	Bolian, Zachary	0.30	\$ 76.50	Compare results to previous versions of the Tool.
7/20/2010	Bolian, Zachary	1.00	\$ 255.00	Updating formulas of summary calculations at the front end of the tool.
7/20/2010	Bolian, Zachary	0.40	\$ 102.00	Adjusted formula to account for historical CPI adjustment when doing Peterson scenario.
7/20/2010	Bolian, Zachary	1.00	\$ 255.00	Editing formulas in future financial flows.
7/20/2010	Bolian, Zachary	0.40	\$ 102.00	Updated formulas used to produce financial
7/20/2010	Bolian, Zachary	0.40	\$ 102.00	Began writing formulas to create dynamic financial graph.
7/20/2010	Bolian, Zachary	1.20	\$ 306.00	QC formulas for pending stock resolution by
7/20/2010	Bolian, Zachary	0.50	\$ 127.50	Rewviewed flag references in disease tables.
7/20/2010	Bolian, Zachary	0.90	\$ 229.50	Completed implementation of dynamic financial
7/20/2010	Bolian, Zachary	0.90	\$ 229.50	Debugged trending of tort indemnity valuation.
7/20/2010	Bolian, Zachary	0.30	\$ 76.50	Improved formatting of financials by disease
7/20/2010	Bolian, Zachary	0.70	\$ 178.50	Debugged issue with transposition formula needed to create lawyer summary table.
7/20/2010	Bolian, Zachary	1.00	\$ 255.00	Added fields that will be used to produce an OLS estimate based solely on the trend window.
7/20/2010	Bolian, Zachary	0.50	\$ 127.50	QCed updates to trend calculations.
7/20/2010	Gallardo-Garcia, Jorge	0.50	\$ 187.50	Work on description of recent changes in 524(g)
7/20/2010	Grinberg, Rachel	2.00	\$ 790.00	worked on the SEER extrapolation - reviewed changes from 2008 to 2010 SEER counts
7/20/2010	Morrow, Christopher	1.80	\$ 459.00	Automating approved site list update
7/20/2010	Morrow, Christopher	1.10	\$ 280.50	Translating approved site list and namings for consistency with master database.
7/20/2010	Scarcella, Marc	0.40	\$ 158.00	Review of exposure detail from case files
7/20/2010	Snow, Karl	0.20	\$ 100.00	Default probability analysis.
7/21/2010	Bolian, Zachary	0.30	\$ 76.50	Cleaned up formatting changes made during the course of updating the tool.
7/21/2010	Bolian, Zachary	0.30	\$ 76.50	Documented status of scenario tool and defense data processing.
7/21/2010	Bolian, Zachary	0.50	\$ 127.50	Reviewed scripts that prepare defense dollars for scenario tool tables.
7/21/2010	Bolian, Zachary	0.60	\$ 153.00	Updated chart formulas to display base OLS estimation.
7/21/2010	Bolian, Zachary	0.40	\$ 102.00	QCed changes to trend graphs.
7/21/2010	Bolian, Zachary	1.40	\$ 357.00	Updated formulas in lawyer summary tables to work with new data shape in calcs pages.
7/21/2010	Morrow, Christopher	1.10	\$ 280.50	Incorporating master namings database into trust offset tool.

7/21/2010	Morrow, Christopher	0.50	\$ 127.50	Continued reviewing of trust offset database functionality and potential improvements.
7/21/2010	Scarcella, Marc	0.40	\$ 158.00	Developing / Programming of claim file audit tool
7/22/2010	Bolian, Zachary	0.50	\$ 127.50	QCed scenario tool with newly imported data.
7/22/2010	Bolian, Zachary	0.60	\$ 153.00	QCed changes first transaction level expense
7/22/2010	Bolian, Zachary	2.10	\$ 535.50	Updating import macro to work with new workbook format.
7/22/2010	Bolian, Zachary	0.90	\$ 229.50	Debugging import macro's treatment of nmal and ocan calcs pages.
7/22/2010	Finn, Adam	0.50	\$ 147.50	outline PTS analysis (SEER data)
7/22/2010	Finn, Adam	0.50	\$ 147.50	pulling master DB from SQL server
7/22/2010	Finn, Adam	1.10	\$ 324.50	creating SSN area code translation table
7/22/2010	Finn, Adam	0.50	\$ 147.50	creating SSN group number tt
7/22/2010	Finn, Adam	0.30	\$ 88.50	setting up SQL connection on 64-bit
7/22/2010	Finn, Adam	1.20	\$ 354.00	master death file prep
7/22/2010	Grinberg, Rachel	1.00	\$ 395.00	reviewed data in the Death Master File
7/22/2010	Mital, Karna	1.10	\$ 176.00	worked on trust site algorithm
7/22/2010	Morrow, Christopher	1.50	\$ 382.50	Translating historic namings into standardized namings.
7/23/2010	Bolian, Zachary	1.10	\$ 280.50	Review of updates made to the scenario tool.
7/23/2010	Bolian, Zachary	0.50	\$ 127.50	Adjusted trended scenario calculations to begin trending at the end of the avg window rather than the trend window.
7/23/2010	Bolian, Zachary	0.80	\$ 204.00	Research and test methods to display dynamic time band coloration on trended scenario graphs.
7/23/2010	Bolian, Zachary	0.30	\$ 76.50	Wrote code to make data cut for default risk
7/23/2010	Bolian, Zachary	0.50	\$ 127.50	Debugging formula used to display base trend
7/23/2010	Bolian, Zachary	0.40	\$ 102.00	Investigating treatment of expense projection formulas with new data.
7/23/2010	Bolian, Zachary	0.90	\$ 229.50	Continued review of defense projection formulas.
7/23/2010	Bolian, Zachary	0.20	\$ 51.00	Review conditional statement used for window to year financial conversion.
7/23/2010	Bolian, Zachary	0.30	\$ 76.50	Updated chart labels.
7/23/2010	Bolian, Zachary	0.20	\$ 51.00	Brainstormed various toggles that might be needed for defense treatment.
7/23/2010	Finn, Adam	1.50	\$ 442.50	reconciling dates from multiple sources
7/23/2010	Finn, Adam	1.00	\$ 295.00	generating SEER region variable
7/23/2010	Finn, Adam	0.70	\$ 206.50	foreign born flagging
7/23/2010	Grinberg, Rachel	1.40	\$ 553.00	review of the scenario tool
7/23/2010	Johnson, Samantha	2.10	\$ 682.50	reviewing bankruptcy offset tool for updates to
7/23/2010	Morrow, Christopher	1.50	\$ 382.50	Updating trust offset database with augmented work history data.
7/23/2010	Morrow, Christopher	1.20	\$ 306.00	Form development in bankruptcy database.
7/26/2010	Bolian, Zachary	1.00	\$ 255.00	Reviewed tool and began to plan ways to implement a lag that will account for diagnosis
7/26/2010	Bolian, Zachary	1.10	\$ 280.50	Continued research about methods to develop dynamic window shading for trend graphs.
7/26/2010	Bolian, Zachary	2.00	\$ 510.00	Tested prototypes of window shading graphs.
7/26/2010	Bolian, Zachary	2.20	\$ 561.00	Implemented dynamic shading of windows for trend graphs.
7/26/2010	Bolian, Zachary	0.80	\$ 204.00	Reorganized display of data in Peterson style forecast calculation page to make key statistics

7/26/2010	Bolian, Zachary	0.30	\$ 76.50	Investigated data treatment of defense
7/26/2010	Bolian, Zachary	0.20	\$ 51.00	Generating summary table for settlement rate statistics.
7/26/2010	Bolian, Zachary	0.30	\$ 76.50	Adjusted formulas that calculate PTS for depending on what curve PTS is relative to.
7/26/2010	Bolian, Zachary	0.20	\$ 51.00	Investigated toggle that sets NM relative to average claim level.
7/26/2010	Bolian, Zachary	0.50	\$ 127.50	Adjusting analysis variable naming conventions as requested.
7/26/2010	Finn, Adam	1.00	\$ 295.00	creating age variable from start and diag date lag
7/26/2010	Finn, Adam	1.60	\$ 472.00	merging on SEER incidence counts
7/26/2010	Grinberg, Rachel	1.10	\$ 434.50	reviewed PTS calculations and inputs to the scenario model
7/26/2010	Morrow, Christopher	0.50	\$ 127.50	Form development in Trust offset database.
7/26/2010	Scarcella, Marc	0.60	\$ 237.00	Case analysis database design and development
7/26/2010	Snow, Karl	0.80	\$ 400.00	Default analysis.
7/27/2010	Bolian, Zachary	0.70	\$ 178.50	Pulled probability weighted master database filings to use for scenario tool.
7/27/2010	Bolian, Zachary	0.20	\$ 51.00	Updated display of percent tort filings at the front of the tool displays all diseases.
7/27/2010	Bolian, Zachary	0.30	\$ 76.50	Updated display of percent tort filings at front end of the tool to make it more clean.
7/27/2010	Bolian, Zachary	0.50	\$ 127.50	Compared calendar year calculations across different versions of the scenario tool to determine whether the footing of tort and gross indemnity had been introduced recently.
7/27/2010	Bolian, Zachary	0.70	\$ 178.50	Reviewed probability weighted claim filings used to generate weighted tort filing weights for scenario tool calculation.
7/27/2010	Bolian, Zachary	0.30	\$ 76.50	Added historical defense dollars to the back of
7/27/2010	Bolian, Zachary	0.60	\$ 153.00	Updated relative calculations for non-malignant claims to work with flow computation method
7/27/2010	Bolian, Zachary	0.50	\$ 127.50	Brainstormed solution to filing and diag date reconciliation for relative calculations.
7/27/2010	Bolian, Zachary	0.50	\$ 127.50	Implemented offsets to allow of lagging in relative calculations.
7/27/2010	Bolian, Zachary	0.40	\$ 102.00	Wrote code to pull pre -15 financial information from database.
7/27/2010	Bolian, Zachary	0.60	\$ 153.00	Added section to historical dollars that allowed for calendar year or window display of pre -15 historical dollars.
7/27/2010	Bolian, Zachary	0.50	\$ 127.50	QC new filing lag calculation.
7/27/2010	Bolian, Zachary	0.70	\$ 178.50	Began adding toggle to allow user to stop forecasting defense if desired.
7/27/2010	Finn, Adam	1.20	\$ 354.00	exploring why CA SEER 9-17 not equal
7/27/2010	Finn, Adam	0.20	\$ 59.00	creating a single incidence variable
7/27/2010	Finn, Adam	1.10	\$ 324.50	identifying outstanding issues
7/27/2010	Grinberg, Rachel	1.30	\$ 513.50	worked on forecasting model
7/27/2010	Grinberg, Rachel	0.50	\$ 197.50	worked on GM discount rate
7/27/2010	Scarcella, Marc	0.80	\$ 316.00	Continued case analysis database design and development
7/28/2010	Chung, Daniel	1.00	\$ 160.00	Performing the likelihood of moving analyses

7/28/2010	Finn, Adam	0.60	\$ 177.00	analyzing reliability of ssn_issued and filing
7/28/2010	Grinberg, Rachel	1.50	\$ 592.50	reviewed data and sources for GM discount rate analysis
7/28/2010	Scarcella, Marc	0.70	\$ 276.50	Continued case document review tool programming design
7/28/2010	Scarcella, Marc	0.40	\$ 158.00	Case document review tool programming design
7/28/2010	Scarcella, Marc	0.90	\$ 355.50	Table indexing for case review database
7/29/2010	Bolian, Zachary	0.10	\$ 25.50	Documenting defense variable treatment.
7/30/2010	Bolian, Zachary	0.60	\$ 153.00	QC scenarios under different parameter settings.
7/30/2010	Bolian, Zachary	0.30	\$ 76.50	Continued analysis widow/year amount
7/30/2010	Bolian, Zachary	1.40	\$ 357.00	Implemented proportional flagging system to foot historical calendar year displays.
7/30/2010	Bolian, Zachary	0.30	\$ 76.50	QC'ed change to historical calendar year display.
7/30/2010	Bolian, Zachary	0.60	\$ 153.00	QC Peterson calcs formulas.
7/30/2010	Finn, Adam	1.10	\$ 324.50	how to use BW incidence to map non-SEER
7/30/2010	Scarcella, Marc	0.90	\$ 355.50	Case review database table design
7/30/2010	Wallace, Noah	1.40	\$ 630.00	Incidence caloibration to SEER regions
7/30/2010	Wallace, Noah	2.20	\$ 990.00	Incidence model updates for SEER analysis
8/2/2010	Bolian, Zachary	0.30	\$ 76.50	Made translation table of important ranges in disease sheets of scen tool for QC.
8/2/2010	Bolian, Zachary	0.70	\$ 178.50	QCed formulas used to model resolution of pending stock in scenario tool.
8/2/2010	Bolian, Zachary	0.30	\$ 76.50	Testing various ranges over which bankruptcy adjustment window leads to downward
8/2/2010	Evans, Andrew	0.40	\$ 170.00	Look into possibility of research on lead plaintiffs
8/2/2010	Finn, Adam	2.10	\$ 619.50	how to calibrate the incidence model
8/2/2010	Grinberg, Rachel	1.50	\$ 592.50	worked on SEER incidence extrapolation
8/2/2010	Scarcella, Marc	0.70	\$ 276.50	trust offset and exposure model programming
8/2/2010	Wallace, Noah	1.30	\$ 585.00	Updating incidence code for SEER comparison
8/3/2010	Bolian, Zachary	0.20	\$ 51.00	Preparing email regarding status of scenario tool development.
8/3/2010	Bolian, Zachary	0.20	\$ 51.00	Reviewed displays used for front end of scenario
8/3/2010	Brown, Michael	0.30	\$ 135.00	assist with 3rd party discovery motion
8/3/2010	Evans, Andrew	0.30	\$ 127.50	Start basic research into lead plaintiffs
8/3/2010	Evans, Andrew	0.60	\$ 255.00	Work to uniquely identify two lead meson cases
8/3/2010	Evans, Andrew	0.90	\$ 382.50	Death certificate and obit research on lead meso
8/3/2010	Evans, Andrew	1.50	\$ 637.50	Work to uniquely identify 3rd lead case; tracking down possible matches
8/3/2010	Evans, Andrew	1.00	\$ 425.00	Details on 3rd plaintiff and confirmation of disease status through other sources
8/3/2010	Finn, Adam	2.70	\$ 796.50	becoming familiar with incidence output
8/3/2010	Finn, Adam	0.30	\$ 88.50	querying two records in SSA DMF
8/3/2010	Finn, Adam	0.20	\$ 59.00	identifying outstanding workstreams
8/3/2010	Grinberg, Rachel	0.60	\$ 237.00	studied ACC's lead plaintiffs
8/3/2010	Scarcella, Marc	0.90	\$ 355.50	Continued programming on case file review model and analysis tool
8/3/2010	Scarcella, Marc	0.50	\$ 197.50	Review of Application 2004 objections from ACC
8/4/2010	Bolian, Zachary	1.80	\$ 459.00	Wrote code to perform merge analysis of unique mesothelioma claimants.
8/4/2010	Brown, Michael	0.50	\$ 225.00	advise on incidence model calibration
8/4/2010	Finn, Adam	0.70	\$ 206.50	comparing BW incidence data to SEER
8/4/2010	Finn, Adam	0.90	\$ 265.50	how to improve risk coefficients in incidence

8/4/2010	Scarcella, Marc	0.50	\$ 197.50	Draft response to ACC objections
8/4/2010	Wallace, Noah	1.30	\$ 585.00	specifications for initial calibration regression of incidence data
8/5/2010	Bolian, Zachary	1.20	\$ 306.00	Read through documents explaining conceptual ground for general model.
8/5/2010	Bolian, Zachary	0.70	\$ 178.50	Reviewed calculations done in general model
8/5/2010	Finn, Adam	1.20	\$ 354.00	approximation of age using SSN
8/5/2010	Grinberg, Rachel	1.80	\$ 711.00	worked on future liability scenarios
8/5/2010	Morrow, Christopher	0.20	\$ 51.00	Reviewing case documents for trust offset
8/5/2010	Scarcella, Marc	0.50	\$ 197.50	Continued analysis tool development
8/5/2010	Wallace, Noah	0.80	\$ 360.00	Seer calibration by risk group
8/5/2010	Wallace, Noah	0.80	\$ 360.00	SEER calibration by risk group - continued
8/6/2010	Bolian, Zachary	2.10	\$ 535.50	Reviewing differences between tool versions.
8/6/2010	Bolian, Zachary	1.30	\$ 331.50	Tried to create various scenarios that would lead to unexpected results as QC exercise.
8/6/2010	Bolian, Zachary	1.40	\$ 357.00	Investigating how window treatments of non-malignant filings affected results.
8/6/2010	Bolian, Zachary	0.90	\$ 229.50	Investigating effects of gross flows window on tort indemnity calculation.
8/6/2010	Bolian, Zachary	1.10	\$ 280.50	Review of updates to split liability forecast.
8/6/2010	Bolian, Zachary	0.40	\$ 102.00	Test resolution rates for various diseases under parameter changes.
8/6/2010	Bolian, Zachary	1.00	\$ 255.00	Updating MDB filings to be organized by diag
8/6/2010	Finn, Adam	1.00	\$ 295.00	documenting ssn analysis
8/6/2010	Grinberg, Rachel	1.70	\$ 671.50	worked on the liability forecasting tool
8/6/2010	Grinberg, Rachel	2.30	\$ 908.50	analyzed average settlement values per tort meso claimant pre and post bankruptcy
8/6/2010	Grinberg, Rachel	1.50	\$ 592.50	resumed work on the liability forecasting tool
8/6/2010	Robinson, William	0.50	\$ 137.50	Updating the scenario tool
8/6/2010	Robinson, William	0.30	\$ 82.50	Reviewing updates to the scenario tool
8/6/2010	Robinson, William	2.70	\$ 742.50	Reviewing and updating the split liability forecast changes to the scenario tool
8/6/2010	Robinson, William	2.00	\$ 550.00	Reviewing split liability changes to the scenario
8/6/2010	Scarcella, Marc	0.80	\$ 316.00	Continued programming and development of exposure and trust offset tool
8/6/2010	Scarcella, Marc	1.20	\$ 474.00	Continued model design for case file review
8/8/2010	Bolian, Zachary	0.60	\$ 153.00	Updated res. rate flags for nonmalignants.
8/8/2010	Bolian, Zachary	0.70	\$ 178.50	Added relative forecast flags for nonmalignants.
8/9/2010	Bolian, Zachary	1.20	\$ 306.00	Implemented method to use MDB diag-to-filing lag in scenario tool.
8/9/2010	Bolian, Zachary	0.50	\$ 127.50	Compared updated tool to previous version to
8/9/2010	Bolian, Zachary	0.30	\$ 76.50	QC flags used to adjust pending stock in
8/9/2010	Bolian, Zachary	0.30	\$ 76.50	Documenting current status of scenario tool.
8/9/2010	Bolian, Zachary	1.40	\$ 357.00	Reorganized flags to make additions easier.
8/9/2010	Bolian, Zachary	0.20	\$ 51.00	Updated flag formatting to make their use easier to track.
8/9/2010	Scarcella, Marc	0.80	\$ 316.00	Review of exposure site database
8/10/2010	Grinberg, Rachel	1.10	\$ 434.50	worked on the scenario tool
8/10/2010	Grinberg, Rachel	1.00	\$ 395.00	worked on SEER extrapolation
8/10/2010	Grinberg, Rachel	0.90	\$ 355.50	continued work on SEER extrapolation
8/10/2010	Wallace, Noah	1.10	\$ 495.00	SEER incidence study
8/11/2010	Bolian, Zachary	0.60	\$ 153.00	QC historical pre -15 expenditures used in tool.

8/11/2010	Evans, Andrew	1.10	\$ 467.50	Evaluation of possible techniques to account for impact of trusts on claim filing rates/ low value claims without using a full General Model
8/11/2010	Grinberg, Rachel	1.20	\$ 474.00	worked on incidence model calibration strategy
8/11/2010	Scarcella, Marc	1.60	\$ 632.00	Case naming data programming for case file
8/11/2010	Wallace, Noah	1.20	\$ 540.00	Calibration of construction and shipyard
8/12/2010	Gallardo-Garcia, Jorge	1.00	\$ 375.00	Analyze Peterson's forecasts.
8/12/2010	Scarcella, Marc	0.70	\$ 276.50	Fee application research
8/16/2010	Bolian, Zachary	0.70	\$ 178.50	Uploading engagement data and settings to updated scenario tool.
8/16/2010	Finn, Adam	1.60	\$ 472.00	investigating differing projected meso counts using two pop files
8/16/2010	Grinberg, Rachel	0.90	\$ 355.50	worked on SEER extrapolation
8/16/2010	Grinberg, Rachel	1.00	\$ 395.00	studied uniqueness on names in the claims data
8/16/2010	Grinberg, Rachel	0.40	\$ 158.00	continued to study uniqueness on names in the claims data
8/17/2010	Grinberg, Rachel	1.30	\$ 513.50	worked on matching the Manville 2002 data to the master DB
8/17/2010	Grinberg, Rachel	1.10	\$ 434.50	reviewed changes to the scenario forecast tool
8/18/2010	Finn, Adam	1.30	\$ 383.50	risk group incidence
8/18/2010	Finn, Adam	0.50	\$ 147.50	analyzing differences between SEER pop files
8/18/2010	Finn, Adam	0.20	\$ 59.00	planning calibration of incidence model
8/18/2010	Grinberg, Rachel	1.00	\$ 395.00	worked on incidence model calibration
8/18/2010	Grinberg, Rachel	1.00	\$ 395.00	reviewed SEER extrapolation results
8/18/2010	Grinberg, Rachel	1.20	\$ 474.00	compared current SEER extrapolation to previous extrapolation results
8/19/2010	Bolian, Zachary	0.10	\$ 25.50	Loading data to updated version of scenario tool.
8/19/2010	Bolian, Zachary	0.80	\$ 204.00	Testing the gross forecast amounts in most recent tool version to original version.
8/19/2010	Bolian, Zachary	0.70	\$ 178.50	Testing for interactions in with scenario
8/19/2010	Bolian, Zachary	1.10	\$ 280.50	Testing updated version against previous
8/19/2010	Bolian, Zachary	0.50	\$ 127.50	Updating filing lag formulas.
8/19/2010	Bolian, Zachary	0.80	\$ 204.00	Debugging Gross relative PTS toggle change when filing lag is present.
8/19/2010	Bolian, Zachary	0.60	\$ 153.00	Updated gross PTS formula to be based on calculation in relative PTS page.
8/19/2010	Finn, Adam	0.40	\$ 118.00	how to run regression at industry/risk group level
8/19/2010	Grinberg, Rachel	1.80	\$ 711.00	worked on scenarios of GM's future liability
8/19/2010	Grinberg, Rachel	1.00	\$ 395.00	worked on SEER extrapolation
8/19/2010	Grinberg, Rachel	2.00	\$ 790.00	worked on the Incidence model calibration
8/19/2010	Grinberg, Rachel	0.70	\$ 276.50	reviewed changes to the forecasting tool
8/19/2010	Grinberg, Rachel	1.30	\$ 513.50	worked on matching Manville 2004 data to the master DB
8/19/2010	Grinberg, Rachel	0.80	\$ 316.00	reviewed changes to the forecasting tool
8/19/2010	Mullin, Charles	0.20	\$ 125.00	SSN production by GM
8/19/2010	Scarcella, Marc	0.70	\$ 276.50	Trust settlement offset analysis - analysis tool programming and development
8/19/2010	Scarcella, Marc	0.80	\$ 316.00	Products database review
8/20/2010	Bolian, Zachary	0.20	\$ 51.00	Testing dollar changes with different parameter settings in scenario tool.
8/20/2010	Bolian, Zachary	1.90	\$ 484.50	Testing tool parameter settings for interactive effects and taking note of them to construct

8/20/2010	Bolian, Zachary	0.70	\$ 178.50	Testing and documenting scenario tool
8/20/2010	Bolian, Zachary	1.00	\$ 255.00	Compiled documentation regarding interactions in the scenario tool.
8/20/2010	Bolian, Zachary	0.30	\$ 76.50	Reorganized window parameter settings so that the order would be consistent between gross and
8/20/2010	Finn, Adam	1.40	\$ 413.00	documenting extrapolation of SEER data
8/20/2010	Grinberg, Rachel	1.20	\$ 474.00	worked with the SSA data to supplement SSNs
8/23/2010	Bolian, Zachary	0.30	\$ 76.50	Testing impact of resolution distribution in scenario model.
8/23/2010	Bolian, Zachary	0.50	\$ 127.50	Documenting outstanding issues to review.
8/23/2010	Bolian, Zachary	0.80	\$ 204.00	Wrote code to produce a comparison workbook between old and new claimant data sets.
8/23/2010	Finn, Adam	0.60	\$ 177.00	extrapolation documentation
8/23/2010	Finn, Adam	0.60	\$ 177.00	documenting SEER extrapolation
8/23/2010	Finn, Adam	0.50	\$ 147.50	how to calibrate the incidence model
8/23/2010	Grinberg, Rachel	2.00	\$ 790.00	worked on matching Manville 2002 data to the master DB
8/23/2010	Grinberg, Rachel	2.20	\$ 869.00	continued matching Manville 2002 data to the master DB
8/24/2010	Bolian, Zachary	0.30	\$ 76.50	Uploaded data to updated scenario model
8/24/2010	Bolian, Zachary	1.00	\$ 255.00	Review matching rules to use for data update.
8/24/2010	Bolian, Zachary	0.20	\$ 51.00	QC results between versions.
8/24/2010	Finn, Adam	1.50	\$ 442.50	setting up incidence data for regression
8/24/2010	Finn, Adam	0.50	\$ 147.50	scripting regression dataset
8/24/2010	Grinberg, Rachel	0.90	\$ 355.50	worked on the matching strategy between GM data and additional data sources
8/24/2010	Grinberg, Rachel	0.80	\$ 316.00	continued work on the matching strategy between GM data and additional data sources
8/24/2010	Grinberg, Rachel	0.50	\$ 197.50	continued work on the matching strategy between GM data and additional data sources
8/24/2010	Grinberg, Rachel	2.50	\$ 987.50	worked on setting up infrastructure for supplementing information in the GM data
8/24/2010	Grinberg, Rachel	0.70	\$ 276.50	continued setting up infrastructure for supplementing information in the GM data
8/24/2010	Scarcella, Marc	0.80	\$ 316.00	Trust settlement offset analysis - programming
8/25/2010	Finn, Adam	1.20	\$ 354.00	creating regression data
8/25/2010	Grinberg, Rachel	1.70	\$ 671.50	evaluated preliminary matching results
8/25/2010	Grinberg, Rachel	1.60	\$ 632.00	worked on infrastructure for matching of GM data to external data sources
8/25/2010	Scarcella, Marc	1.20	\$ 474.00	Trust settlement offset analysis - standardizing exposure sites
8/26/2010	Evans, Andrew	0.30	\$ 127.50	High level review of SSN matching exercise as part of trust discovery
8/26/2010	Finn, Adam	0.60	\$ 177.00	scripting regression datasets
8/26/2010	Finn, Adam	1.20	\$ 354.00	merging seer incidence to bw model
8/26/2010	Mullin, Charles	0.60	\$ 375.00	Marching GM data to other sources for production to trusts
8/26/2010	Scarcella, Marc	0.60	\$ 237.00	Trust settlement offset analysis - continued standardizing exposure sites
8/27/2010	Evans, Andrew	0.30	\$ 127.50	High level QC on procedures for motors SSN work related to data request
8/27/2010	Finn, Adam	0.50	\$ 147.50	how to set up regression



8/27/2010	Grinberg, Rachel	1.00	\$ 395.00	analyzed patterns of unmatched GM claimants
8/27/2010	Mullin, Charles	0.40	\$ 250.00	Explanation of data production for trusts
8/27/2010	Mullin, Charles	0.80	\$ 500.00	Verifying source data for production to trusts of GM claimants
8/27/2010	Mullin, Charles	0.60	\$ 375.00	Final review of list for production to trusts
8/27/2010	Scarcella, Marc	0.80	\$ 316.00	Trust settlement offset analysis - continued standardizing exposure sites
8/30/2010	Bolian, Zachary	1.70	\$ 433.50	Writing documentation on how the scenario model works.
8/30/2010	Bolian, Zachary	0.80	\$ 204.00	Continued working on scenario tool
8/30/2010	Bolian, Zachary	0.20	\$ 51.00	Review treatment of historical dollars for graphical display.
8/30/2010	Bolian, Zachary	0.50	\$ 127.50	Wrote code to automatically produce window -20 through -16 historical values.
8/30/2010	Bolian, Zachary	0.60	\$ 153.00	Adjusted NM multiplier formulas to be more flexible around current year.
8/30/2010	Bolian, Zachary	0.20	\$ 51.00	Testing filing lag formulas used for gross
8/30/2010	Bolian, Zachary	0.20	\$ 51.00	Continued review of filing lag formulas.
8/30/2010	Bolian, Zachary	0.50	\$ 127.50	Preparing ssn update data for merge to analysis
8/30/2010	Finn, Adam	1.20	\$ 354.00	processing incidence data
8/30/2010	Finn, Adam	1.80	\$ 531.00	troubleshooting SEER regression
8/30/2010	Scarcella, Marc	1.10	\$ 434.50	analysis of potential trust payments - standard site development
8/31/2010	Bolian, Zachary	0.70	\$ 178.50	Continued constructing documentation of the scenario model.
8/31/2010	Bolian, Zachary	0.50	\$ 127.50	Setting up QC module to run.
8/31/2010	Finn, Adam	1.30	\$ 383.50	documenting regression strategies and questions
8/31/2010	Finn, Adam	1.20	\$ 354.00	outlining next steps for regression analysis
8/31/2010	Grinberg, Rachel	1.00	\$ 395.00	worked on Incidence model calibration
8/31/2010	Grinberg, Rachel	1.50	\$ 592.50	worked on the multivariate approach to the Incidence model calibration
8/31/2010	Scarcella, Marc	1.60	\$ 632.00	analysis of potential trust payments - alleged
9/1/2010	Bolian, Zachary	0.60	\$ 153.00	Review confidentially agreement.
9/1/2010	Bolian, Zachary	0.70	\$ 178.50	Competed coding for treatment of min and max canonical vars.
9/1/2010	Finn, Adam	0.70	\$ 206.50	regression data prep
9/1/2010	Finn, Adam	1.60	\$ 472.00	working with Stata regression output
9/1/2010	Finn, Adam	0.50	\$ 147.50	working with regression results
9/1/2010	Scarcella, Marc	0.70	\$ 276.50	Trust settlement exposure site cleaning and
9/1/2010	Scarcella, Marc	0.80	\$ 316.00	Trust settlement exposure site cleaning and review continued
9/2/2010	Finn, Adam	1.40	\$ 413.00	modifying California SEER pre-2000
9/2/2010	Finn, Adam	1.40	\$ 413.00	reshaping data wide
9/2/2010	Grinberg, Rachel	1.00	\$ 395.00	worked on the calibration of the incidence model to SEER
9/3/2010	Finn, Adam	0.90	\$ 265.50	prepping multivariate regression
9/3/2010	Grinberg, Rachel	1.10	\$ 434.50	worked on SEER calibration analysis
9/7/2010	Mullin, Charles	0.20	\$ 125.00	Review of data compilation
9/7/2010	Scarcella, Marc	2.20	\$ 869.00	Exposure analysis for claim file audit - exposure site analysis
9/8/2010	Bolian, Zachary	0.90	\$ 229.50	Continued documentation of split liability scenario model.

9/8/2010	Bolian, Zachary	1.00	\$ 255.00	Added sections explaining additional inputs and window to split liability scenario model
9/8/2010	Grinberg, Rachel	1.20	\$ 474.00	worked on the general model for liability
9/8/2010	Mullin, Charles	0.70	\$ 437.50	Formation of microsimulation model for macro liability estimation
9/9/2010	Bolian, Zachary	0.80	\$ 204.00	Wrote section of memo explaining new pages in split liability scenario model.
9/9/2010	Bolian, Zachary	1.00	\$ 255.00	Proofread split liability scenario model memo.
9/9/2010	Bolian, Zachary	1.60	\$ 408.00	Made changes to split liability forecast based on proof reading.
9/9/2010	Bolian, Zachary	0.40	\$ 102.00	Documented outstanding issues to review.
9/9/2010	Grinberg, Rachel	2.50	\$ 987.50	analyzed match rates of GM data to the master database
9/9/2010	Grinberg, Rachel	2.40	\$ 948.00	analyzed duplicates in the GM data
9/10/2010	Bolian, Zachary	1.00	\$ 255.00	Review status and needs for scenario model.
9/10/2010	Bolian, Zachary	0.30	\$ 76.50	Coordinated scenario model work flow
9/10/2010	Bolian, Zachary	1.10	\$ 280.50	QC calculations used for regression model in Peterson calcs scenarios.
9/10/2010	Bolian, Zachary	1.00	\$ 255.00	Adjusted offsets used for filing lags.
9/10/2010	Bolian, Zachary	1.00	\$ 255.00	Reorganized relative PTS page to make calculations more clear.
9/10/2010	Bolian, Zachary	0.70	\$ 178.50	Updated formulas for but-for flows to be contingent on PTS relative toggle.
9/10/2010	Grinberg, Rachel	2.50	\$ 987.50	worked on future forecast scenarios
9/10/2010	Grinberg, Rachel	1.50	\$ 592.50	reviewed adjustments to the forecasting tool
9/10/2010	Grinberg, Rachel	1.40	\$ 553.00	continued work on future forecast scenarios
9/10/2010	Robinson, William	1.20	\$ 330.00	Reviewing forecasting tool and making updates
9/13/2010	Bolian, Zachary	0.20	\$ 51.00	Testing effect of month field on scenario values.
9/13/2010	Bolian, Zachary	0.60	\$ 153.00	Continued testing effect of month field on scenario values.
9/13/2010	Bolian, Zachary	0.50	\$ 127.50	Adjusted flags in the back of the tool to have special treatment for current year.
9/13/2010	Bolian, Zachary	0.30	\$ 76.50	Investigating negative NM values.
9/13/2010	Bolian, Zachary	0.80	\$ 204.00	Continued investigating negative NM values.
9/13/2010	Bolian, Zachary	0.50	\$ 127.50	Investigated application of tort adjustment ratio to pending stock.
9/13/2010	Bolian, Zachary	1.10	\$ 280.50	Debugged gap in nonmalignant but-for values.
9/13/2010	Bolian, Zachary	0.70	\$ 178.50	Completed development of pre-15 historical values by disease.
9/13/2010	Bolian, Zachary	1.20	\$ 306.00	Adjusted dynamic avg window of graph in Peterson calcs to demonstrate nonmalignant
9/13/2010	Bolian, Zachary	0.30	\$ 76.50	Brainstormed additional functionality for Peterson calcs.
9/13/2010	Bolian, Zachary	0.50	\$ 127.50	QC calculations used for CPI adjustment.
9/13/2010	Bolian, Zachary	0.70	\$ 178.50	Updated tort filing page to be sensitive to filing lag parameter.
9/14/2010	Bolian, Zachary	1.00	\$ 255.00	Formula audit of meso table.
9/14/2010	Bolian, Zachary	0.70	\$ 178.50	Formula audit of lc table.
9/14/2010	Bolian, Zachary	0.60	\$ 153.00	Formula audit of oc table.
9/14/2010	Bolian, Zachary	0.60	\$ 153.00	Formula audit of nm table.
9/14/2010	Bolian, Zachary	0.80	\$ 204.00	Propogated year conversion changes.
9/14/2010	Bolian, Zachary	0.90	\$ 229.50	Debugged specification of sett rate when user

9/14/2010	Bolian, Zachary	1.00	\$ 255.00	Adjusted tort liability weight calcs to occur over pending window.
9/14/2010	Bolian, Zachary	1.20	\$ 306.00	Formula audit of incidence page.
9/14/2010	Bolian, Zachary	0.90	\$ 229.50	Debugged resolution rate applied to dismiss pending claims over time.
9/14/2010	Gallardo-Garcia, Jorge	0.40	\$ 150.00	Pending stock valuation in partial model forecast review.
9/14/2010	Grinberg, Rachel	1.00	\$ 395.00	reviewed changed to the forecasting tool
9/14/2010	Grinberg, Rachel	2.30	\$ 908.50	analyzed data after the merge to the master DB
9/14/2010	Robinson, William	1.00	\$ 275.00	Reviewing scenario tool and making updates
9/14/2010	Robinson, William	1.90	\$ 522.50	Reviewing and updating scenario tool
9/14/2010	Robinson, William	1.50	\$ 412.50	Reviewing tort liability split in scenario tool
9/14/2010	Robinson, William	1.70	\$ 467.50	Reviewing resolution and settlement rate calculations in scenario tool
9/15/2010	Bolian, Zachary	0.50	\$ 127.50	Checked core resolution rate formulas for nm to ensure tort reform adjustments functioned
9/15/2010	Bolian, Zachary	0.40	\$ 102.00	Formula auditing pending flows calculations.
9/15/2010	Bolian, Zachary	1.20	\$ 306.00	Formula auditing meso core calcs gross page.
9/15/2010	Bolian, Zachary	0.70	\$ 178.50	Formula audit of lc core calcs gross page.
9/15/2010	Bolian, Zachary	0.80	\$ 204.00	Formula audit oc core calcs gross page.
9/15/2010	Bolian, Zachary	0.70	\$ 178.50	Formula audit of nm core calcs gross page.
9/15/2010	Bolian, Zachary	1.00	\$ 255.00	Formula audit for meso core calcs tort page.
9/15/2010	Bolian, Zachary	0.60	\$ 153.00	Formula audit of lc core calcs tort page.
9/15/2010	Bolian, Zachary	0.50	\$ 127.50	Formula audit of oc core calcs tort page.
9/15/2010	Bolian, Zachary	0.50	\$ 127.50	Formual audit of nm core calcs tort page.
9/15/2010	Bolian, Zachary	0.70	\$ 178.50	Formula audit or results page.
9/15/2010	Bolian, Zachary	0.80	\$ 204.00	Formula audit or pending results page.
9/15/2010	Bolian, Zachary	0.90	\$ 229.50	QC year financials calculations.
9/15/2010	Bolian, Zachary	0.60	\$ 153.00	QC parameters display formulas.
9/15/2010	Grinberg, Rachel	2.20	\$ 869.00	worked on updates to the forecasting tool after date have been merged to the master DB
9/15/2010	Grinberg, Rachel	0.50	\$ 197.50	reviewed changed to the forecast after data
9/15/2010	Robinson, William	3.00	\$ 825.00	Reviewing and updating scenario tool
9/16/2010	Bolian, Zachary	0.50	\$ 127.50	Cleaning up core calcs formulas for meso gross.
9/16/2010	Bolian, Zachary	0.20	\$ 51.00	Determined priorities from working notes.
9/16/2010	Bolian, Zachary	0.30	\$ 76.50	Debugging core nm base change affect on non-core dollars.
9/16/2010	Bolian, Zachary	1.80	\$ 459.00	Adjusted relative PTS calculate PTS for core and non-core separately.
9/16/2010	Grinberg, Rachel	2.40	\$ 948.00	worked on additional cages to the forecasting
9/16/2010	Grinberg, Rachel	0.80	\$ 316.00	QC of changes made to the forecasting tool
9/17/2010	Bolian, Zachary	0.50	\$ 127.50	Debugging inflation of pending stock under NM multiplier scenario.
9/17/2010	Bolian, Zachary	0.60	\$ 153.00	Reviewed relative PTS calculations to smooth historical expenditure but-for scenario.
9/17/2010	Bolian, Zachary	0.30	\$ 76.50	Testing updated calculations for relative PTS.
9/17/2010	Bolian, Zachary	0.30	\$ 76.50	Testing NM multiplier calc changes against previous versions.
9/17/2010	Bolian, Zachary	0.80	\$ 204.00	Adjusting formulas to have nonmalignant and malignant claims begin their forecasting at the
9/17/2010	Bolian, Zachary	1.00	\$ 255.00	QC impact of new starting point on NM historical tort forecast.

9/17/2010	Bolian, Zachary	0.30	\$ 76.50	Testing various extreme parameter settings.
9/17/2010	Grinberg, Rachel	1.80	\$ 711.00	documented additional changes to the
9/20/2010	Bolian, Zachary	1.30	\$ 331.50	Testing scenario tool under extreme parameter settings.
9/20/2010	Bolian, Zachary	0.60	\$ 153.00	Comparing most up-to-date scenario model version with previous versions.
9/20/2010	Bolian, Zachary	1.00	\$ 255.00	Updating scenario model memo with notes from QC review.
9/20/2010	Bolian, Zachary	0.50	\$ 127.50	Continued updating scenario model memo with notes from QC process.
9/20/2010	Bolian, Zachary	0.40	\$ 102.00	Debugging interaction between filing lag and PTS relative switch for gross liability.
9/21/2010	Bolian, Zachary	1.00	\$ 255.00	Review of scenario tool changes made since last version.
9/21/2010	Bolian, Zachary	0.50	\$ 127.50	Documenting notes from tool review.
9/21/2010	Bolian, Zachary	0.40	\$ 102.00	Adjusting peterson scenario to accommodate 0 trend years.
9/21/2010	Bolian, Zachary	1.00	\$ 255.00	Adjusting NM historical forecast formulas to take account of relative PTS adjustment.
9/21/2010	Bolian, Zachary	0.70	\$ 178.50	Brainstorming best way to incorporate constant tort resolution rate for pending stock valuation.
9/21/2010	Bolian, Zachary	1.10	\$ 280.50	Consolidating Peterson calc controls such that forecast begins and ends as the same time for all
9/21/2010	Bolian, Zachary	0.60	\$ 153.00	Began implementing the tort specific resolution of pending stock adjustment.
9/21/2010	Grinberg, Rachel	1.60	\$ 632.00	adjustments to resolution rates for tort-liability forecast model
9/21/2010	Grinberg, Rachel	1.00	\$ 395.00	review of modifications to the liability forecast
9/21/2010	Scarcella, Marc	1.40	\$ 553.00	Claim audit tool design - general planning
9/22/2010	Bolian, Zachary	0.70	\$ 178.50	Debugging NM historical adjustment ratio in scenario tool.
9/22/2010	Bolian, Zachary	0.80	\$ 204.00	Outline implementation of tort adjusted pending resolutions.
9/22/2010	Bolian, Zachary	0.80	\$ 204.00	Testing contiguous tort forecast.
9/22/2010	Grinberg, Rachel	1.60	\$ 632.00	worked on adjustments to liability forecast
9/22/2010	Grinberg, Rachel	1.00	\$ 395.00	analyzed additional data received from the new
9/22/2010	Scarcella, Marc	0.60	\$ 237.00	Claim file audit tool design - general data
9/22/2010	Scarcella, Marc	1.60	\$ 632.00	Claim file audit tool design - review of audit requirements
9/22/2010	Scarcella, Marc	1.60	\$ 632.00	Claim file audit tool design - review of audit requirements
9/23/2010	Bolian, Zachary	0.30	\$ 76.50	Debugged impact of MDB PTS on historical forecast consistency.
9/23/2010	Bolian, Zachary	0.60	\$ 153.00	Propogating adjustment in PTS used for historical tort flows.
9/23/2010	Bolian, Zachary	0.60	\$ 153.00	Adjusted calculations to do continuous tort historical forecast.
9/23/2010	Grinberg, Rachel	1.20	\$ 474.00	overview of data turned over by new GM
9/23/2010	Grinberg, Rachel	1.50	\$ 592.50	analysis of claimants with still missing claim file info from the sample
9/23/2010	Grinberg, Rachel	1.10	\$ 434.50	worked on scenarios for upcoming settlement discussions

9/23/2010	Scarcella, Marc	1.60	\$ 632.00	Claim file audit tool design - exposure and product data capturing
9/24/2010	Scarcella, Marc	0.70	\$ 276.50	Settlement analysis
9/24/2010	Scarcella, Marc	1.30	\$ 513.50	Claim file audit tool design - work history data
9/27/2010	Gallardo-Garcia, Jorge	0.90	\$ 337.50	Review 10-K filings and asbestos provision.
9/27/2010	Grinberg, Rachel	2.40	\$ 948.00	worked on Rabinovitz-style forecast based on
9/27/2010	Grinberg, Rachel	1.10	\$ 434.50	continued work on Rabinovitz-style forecast based on GM's 10k
9/28/2010	Grinberg, Rachel	1.50	\$ 592.50	worked on adjustments to the liability scenario forecasts
9/28/2010	Grinberg, Rachel	1.50	\$ 592.50	worked on hypothetical Peterson's forecast
9/28/2010	Scarcella, Marc	2.30	\$ 908.50	Claim audit tool development - programming
9/29/2010	Scarcella, Marc	0.80	\$ 316.00	Claim file audit tool development - form
9/30/2010	Mullin, Charles	0.70	\$ 437.50	Gant chart BW analysis working backwards from deadlines
9/30/2010	Mullin, Charles	0.70	\$ 437.50	Modeling total tort recovery per claimant as a free parameter

### Applications

Date Incurred	Employee	Hours	Professional Fees	Notes
7/7/2010	Johnson, Samantha	1.80	\$ 585.00	reading and understanding information sent from Rebecca Chaikin about Second Interim Fee Applications
7/13/2010	Grinberg, Rachel	0.50	\$ 197.50	worked on interim fee application
7/19/2010	Grinberg, Rachel	0.50	\$ 197.50	worked on the interim fee application
7/27/2010	Bates, Charles	0.80	\$ 680.00	Work on fee application
7/27/2010	Grinberg, Rachel	1.50	\$ 592.50	worked on the interim application
7/27/2010	Grinberg, Rachel	0.50	\$ 197.50	worked on the interim fee application
8/4/2010	Grinberg, Rachel	0.30	\$ 118.50	worked on the interim fee application
8/4/2010	Grinberg, Rachel	2.80	\$ 1,106.00	worked on interim fee application
8/4/2010	Grinberg, Rachel	0.60	\$ 237.00	worked on interim fee application

### Consulting

Date Incurred	Employee	Hours	Professional Fees	Notes
6/1/2010	Grinberg, Rachel	0.60	\$ 237.00	call with Philip Bentley re data and discovery
6/1/2010	Grinberg, Rachel	1.00	\$ 395.00	worked on memo re trust discovery efforts
6/1/2010	Grinberg, Rachel	0.50	\$ 197.50	worked on responses to data requests
6/1/2010	Grinberg, Rachel	0.50	\$ 197.50	worked on next steps for preparation for the settlement talks
6/1/2010	Grinberg, Rachel	0.60	\$ 237.00	reviewed POC form and compared fields in the POC data
6/1/2010	Grinberg, Rachel	0.70	\$ 276.50	correspondence with Philip Bentley re trust data
6/1/2010	Mullin, Charles	0.60	\$ 375.00	POC data; discovery response
6/1/2010	Mullin, Charles	0.60	\$ 375.00	Call with counsel: Bentley regarding 524(g) trusts
6/1/2010	Mullin, Charles	0.10	\$ 62.50	Transmittal of 3rd party discovery orders regarding 524(g) trusts
6/2/2010	Grinberg, Rachel	1.00	\$ 395.00	Prepared materials to counsel re Madison County litigation landscape
6/2/2010	Grinberg, Rachel	1.70	\$ 671.50	reviewed trust recovery reports
6/3/2010	Evans, Andrew	0.80	\$ 340.00	Evaluating potential impact of GM interest in resolving futures on case settlement strategy
6/3/2010	Grinberg, Rachel	0.50	\$ 197.50	upcoming work streams analysis
6/4/2010	Grinberg, Rachel	2.00	\$ 790.00	worked on trust transparency efforts memo
6/4/2010	Grinberg, Rachel	1.00	\$ 395.00	reviewed trust transparency efforts memo
6/4/2010	Grinberg, Rachel	1.00	\$ 395.00	continued work on trust transparency efforts
6/6/2010	Grinberg, Rachel	0.70	\$ 276.50	worked on materials on trust transparency
6/7/2010	Grinberg, Rachel	0.90	\$ 355.50	worked on the trust transparency memo
6/8/2010	Mullin, Charles	1.10	\$ 687.50	Discovery request on underlying claimant and
6/14/2010	Grinberg, Rachel	1.00	\$ 395.00	Worked on presentation outline
6/16/2010	Grinberg, Rachel	0.50	\$ 197.50	reviewed defendants in Madison county
6/16/2010	Grinberg, Rachel	1.50	\$ 592.50	worked on the presentation for the Committee
6/16/2010	Grinberg, Rachel	1.80	\$ 711.00	continued work on presentation for the Committee
6/16/2010	Grinberg, Rachel	0.50	\$ 197.50	worked on trust locations for discovery
6/17/2010	Grinberg, Rachel	0.80	\$ 316.00	worked on the presentation to the Committee
6/17/2010	Grinberg, Rachel	0.30	\$ 118.50	call with Phil Bentley re case schedule and data request
6/17/2010	Grinberg, Rachel	0.40	\$ 158.00	Work on information request re trust discovery
6/17/2010	Grinberg, Rachel	1.50	\$ 592.50	compiled list of trusts for discovery request
6/17/2010	Scarcella, Marc	0.30	\$ 118.50	Trust claim administrator / facility research for data request
6/18/2010	Grinberg, Rachel	0.20	\$ 79.00	call with David Blabey re data discovery request
6/18/2010	Grinberg, Rachel	0.30	\$ 118.50	reviewed Susan Budd's answer re data request
6/18/2010	Grinberg, Rachel	0.70	\$ 276.50	reviewed adjustments to matching scripts
6/18/2010	Mullin, Charles	0.80	\$ 500.00	Support of discovery requests
6/21/2010	Grinberg, Rachel	0.70	\$ 276.50	analyzed assets in established and emerging 524(g) trusts
6/22/2010	Grinberg, Rachel	1.30	\$ 513.50	worked on discovery request
6/22/2010	Mullin, Charles	0.30	\$ 187.50	Discovery request on underlying claimants
6/22/2010	Mullin, Charles	0.20	\$ 125.00	Differential issues in valuing pending and future
6/23/2010	Grinberg, Rachel	0.80	\$ 316.00	worked on Manville data request
6/24/2010	Evans, Andrew	0.80	\$ 340.00	Case strategy -- evaluating possible case settlement dynamics

6/24/2010	Grinberg, Rachel	2.00	\$ 790.00	worked on the bankruptcy assets and timeline for rule 204 application
6/24/2010	Grinberg, Rachel	1.20	\$ 474.00	worked on Manville data request
6/24/2010	Grinberg, Rachel	1.60	\$ 632.00	worked on the rule 204 application
6/24/2010	Grinberg, Rachel	2.30	\$ 908.50	gathered arguments for the rule 204 application
6/24/2010	Mullin, Charles	1.60	\$ 1,000.00	524(g) implications-differences in the treatment of pending and future claimants
6/24/2010	Mullin, Charles	1.10	\$ 687.50	Manville data request and security provisions
6/25/2010	Bolian, Zachary	0.60	\$ 153.00	Review summary report of joint and several liability in various tort jurisdictions.
6/25/2010	Evans, Andrew	0.80	\$ 340.00	Case strategy -- evaluating possible success of trust reporting work and trends towards
6/25/2010	Grinberg, Rachel	0.70	\$ 276.50	additional with Philip Bentley do discuss case
6/25/2010	Grinberg, Rachel	1.10	\$ 434.50	worked on documents re state rules w.r.t. joint and several liability
6/25/2010	Grinberg, Rachel	1.50	\$ 592.50	call with Philip Bentley do discuss case strategy
6/25/2010	Grinberg, Rachel	0.80	\$ 316.00	worked on materials to send to counsel re rule 402 application
6/25/2010	Grinberg, Rachel	2.70	\$ 1,066.50	worked on memorandum for rule 204 application
6/25/2010	Grinberg, Rachel	2.70	\$ 1,066.50	continued work on memorandum for rule 204 application
6/25/2010	Mullin, Charles	1.30	\$ 812.50	Rule 204 application
6/25/2010	Mullin, Charles	0.90	\$ 562.50	Impact of 524(g) or no 524(g) on estimation
6/26/2010	Grinberg, Rachel	0.70	\$ 276.50	prepared supporting materials for rule 2004
6/28/2010	Grinberg, Rachel	1.00	\$ 395.00	project status update; next steps discussion
6/28/2010	Grinberg, Rachel	2.30	\$ 908.50	prepared materials on state of asbestos litigation and most active GM counties
6/28/2010	Grinberg, Rachel	1.40	\$ 553.00	Call with Phil Bentley re case schedule update and discovery request
6/29/2010	Grinberg, Rachel	0.50	\$ 197.50	summarized J&S liability rules in various states
6/29/2010	Grinberg, Rachel	0.80	\$ 316.00	review of the master namings database
6/29/2010	Grinberg, Rachel	1.50	\$ 592.50	prepared documents on state of asbestos
6/29/2010	Grinberg, Rachel	0.50	\$ 197.50	Phone call with Anna Phillips & Phil Bentley on data discovery request
6/29/2010	Grinberg, Rachel	1.30	\$ 513.50	worked on settlement values analysis in comparison to verdict values
6/29/2010	Mullin, Charles	1.00	\$ 625.00	Estimation process in the absence of a 524(g) trust-treatment of pending and future claimants
6/30/2010	Grinberg, Rachel	0.70	\$ 276.50	worked on materials on the underlying asbestos litigation
6/30/2010	Grinberg, Rachel	2.80	\$ 1,106.00	worked on supporting materials on underlying asbestos litigation
6/30/2010	Grinberg, Rachel	0.50	\$ 197.50	summarized judge Davidson TX friction opinion
7/1/2010	Grinberg, Rachel	2.30	\$ 908.50	worked scientific literature on meso risk for brake mechanics
7/1/2010	Grinberg, Rachel	1.00	\$ 395.00	preparation for client call
7/1/2010	Grinberg, Rachel	2.60	\$ 1,027.00	Call with Phil Bentley re case schedule, data discovery and case strategy
7/1/2010	Mullin, Charles	0.30	\$ 187.50	Joined part of call with counsel (Phil Bentley) regarding trust data
7/2/2010	Grinberg, Rachel	0.80	\$ 316.00	reviewed current work streams



7/2/2010	Grinberg, Rachel	1.90	\$ 750.50	worked on summary tables of GM's settlement amounts
7/2/2010	Grinberg, Rachel	1.10	\$ 434.50	worked on list of 163 claimants with large settlement amounts
7/2/2010	Mullin, Charles	0.60	\$ 375.00	Availability of trust voting data
7/3/2010	Grinberg, Rachel	0.60	\$ 237.00	created summaries of historical mesothelioma settlements
7/7/2010	Grinberg, Rachel	2.60	\$ 1,027.00	worked on description of data limitations
7/7/2010	Grinberg, Rachel	0.20	\$ 79.00	responded to discovery request questions
7/7/2010	Grinberg, Rachel	0.20	\$ 79.00	call with Phil Bentley re data discovery request
7/7/2010	Grinberg, Rachel	1.20	\$ 474.00	worked on alternatives to the original discovery
7/7/2010	Mullin, Charles	0.60	\$ 375.00	Rationale for access to deposition transcripts and answers to interrogatories
7/7/2010	Mullin, Charles	1.10	\$ 687.50	Assessing the adequacy of proposed information exchange on claimant characteristics
7/8/2010	Grinberg, Rachel	1.00	\$ 395.00	project status and work streams overview
7/8/2010	Grinberg, Rachel	0.30	\$ 118.50	followed up on Manville data requests
7/8/2010	Grinberg, Rachel	0.70	\$ 276.50	evaluated defense data
7/9/2010	Grinberg, Rachel	0.50	\$ 197.50	overview of project status and work streams
7/9/2010	Grinberg, Rachel	0.20	\$ 79.00	call with David Blabey re discovery request
7/9/2010	Grinberg, Rachel	1.50	\$ 592.50	review of the namings database
7/13/2010	Grinberg, Rachel	0.50	\$ 197.50	worked on motion 2004 discovery request
7/14/2010	Grinberg, Rachel	1.20	\$ 474.00	reviewed recent efforts transparency efforts in the tort system
7/16/2010	Grinberg, Rachel	1.50	\$ 592.50	reviewed arguments for transparency efforts in the tort system
7/16/2010	Grinberg, Rachel	0.50	\$ 197.50	review of current and outstanding work streams
7/16/2010	Grinberg, Rachel	0.50	\$ 197.50	review of Peterson's presentation in W.R. Grace
7/19/2010	Grinberg, Rachel	0.50	\$ 197.50	review of ongoing work streams
7/19/2010	Grinberg, Rachel	0.10	\$ 39.50	Call with David Blabey regarding addresses for subpoena
7/19/2010	Grinberg, Rachel	1.80	\$ 711.00	compiled list of trust counsel contact information
7/19/2010	Grinberg, Rachel	0.30	\$ 118.50	read FCR letters
7/19/2010	Grinberg, Rachel	0.20	\$ 79.00	Call with David Blabey and Phil Bentley re rule 2004 application
7/19/2010	Grinberg, Rachel	1.20	\$ 474.00	reviewed 2004 application
7/21/2010	Grinberg, Rachel	1.30	\$ 513.50	call with Phil Bentley re sample for the claim file discovery request
7/21/2010	Grinberg, Rachel	1.00	\$ 395.00	overview of sampling options under alternative
7/21/2010	Grinberg, Rachel	1.30	\$ 513.50	studied 2004 applications from all parties
7/23/2010	Grinberg, Rachel	0.70	\$ 276.50	compiled materials from the June asbestos Perrin conference
7/26/2010	Grinberg, Rachel	0.40	\$ 158.00	Prep for call with Phil Bentley re case strategy and discovery requests
7/26/2010	Grinberg, Rachel	0.80	\$ 316.00	Call with Phil Bentley re case strategy and discovery requests
7/26/2010	Grinberg, Rachel	0.20	\$ 79.00	debrief on call with Phil Bentley re case strategy and discovery requests
7/26/2010	Grinberg, Rachel	1.20	\$ 474.00	compiled names of mesothelioma claimants for discovery purposes
7/26/2010	Grinberg, Rachel	0.30	\$ 118.50	review of data confidentiality agreement

7/28/2010	Evans, Andrew	0.50	\$ 212.50	2004 application review and comparison to filings by other parties
7/28/2010	Grinberg, Rachel	0.70	\$ 276.50	call with Phil Bentley re case schedule and case strategy
8/2/2010	Grinberg, Rachel	2.50	\$ 987.50	review of rule 2004 objections
8/2/2010	Grinberg, Rachel	0.80	\$ 316.00	summary of rule 2004 objections
8/2/2010	Grinberg, Rachel	0.50	\$ 197.50	worked on project timeline planning
8/2/2010	Grinberg, Rachel	1.10	\$ 434.50	worked on project mile stones
8/2/2010	Grinberg, Rachel	1.50	\$ 592.50	worked on the expert report arguments
8/2/2010	Grinberg, Rachel	0.60	\$ 237.00	reviewed lead ACC plaintiffs
8/2/2010	Grinberg, Rachel	1.10	\$ 434.50	continued review of lead ACC plaintiffs
8/3/2010	Evans, Andrew	1.10	\$ 467.50	Initial work review some of the 2004 objections and planing response support
8/3/2010	Gallardo-Garcia, Jorge	0.60	\$ 225.00	Review responses to 2004 petition.
8/3/2010	Grinberg, Rachel	1.20	\$ 474.00	call with Phil Bentley re response to rule 2004 Objections
8/3/2010	Grinberg, Rachel	2.40	\$ 948.00	worked on the response to rule 2004 objections
8/3/2010	Grinberg, Rachel	2.30	\$ 908.50	worked on reduced data requests from 524(g) trusts for the response to 2004 objections
8/3/2010	Grinberg, Rachel	0.30	\$ 118.50	call with Phil Bentley re response to rule 2004 Objections
8/3/2010	Grinberg, Rachel	1.30	\$ 513.50	review of rule 2004 objections
8/3/2010	Grinberg, Rachel	0.90	\$ 355.50	analysis of alternative discovery requests
8/3/2010	Mullin, Charles	0.80	\$ 500.00	Call with counsel (Philip Bentley) regarding responsees to discovery requests; Attended only a portion of the conference call
8/3/2010	Mullin, Charles	0.30	\$ 187.50	Rejoined call with counsel (Philip Bentley) regarding responsees to discovery requests; Attended only a portion of the conference call
8/4/2010	Evans, Andrew	0.30	\$ 127.50	Review of statement prepared by Marc
8/4/2010	Evans, Andrew	0.40	\$ 170.00	Preliminary review of some of the motors 2004 objections for use in Bondex discovery work
8/4/2010	Evans, Andrew	0.50	\$ 212.50	Preparing generic version of electronic data availability response for 2004 objections
8/4/2010	Evans, Andrew	0.60	\$ 255.00	Coordination of response to select 2004
8/4/2010	Evans, Andrew	2.30	\$ 977.50	Drafting 2004 objections response based on citations from ACC's objection
8/4/2010	Evans, Andrew	0.90	\$ 382.50	Drafting response to ACC's delay and Grace
8/4/2010	Evans, Andrew	0.70	\$ 297.50	Review of other Motors responses
8/4/2010	Evans, Andrew	0.40	\$ 170.00	Additional review of other Motors responses
8/4/2010	Gallardo-Garcia, Jorge	1.50	\$ 562.50	Continue review responses to 2004 petition.
8/4/2010	Grinberg, Rachel	0.90	\$ 355.50	worked on response to the burden of production of trust data
8/4/2010	Grinberg, Rachel	1.80	\$ 711.00	continued work on response to the burden of production of trust data
8/4/2010	Grinberg, Rachel	1.20	\$ 474.00	worked on supporting materials for response to rule 2004 objections
8/4/2010	Grinberg, Rachel	1.20	\$ 474.00	worked on response to 2004 objections re identification of claimants
8/4/2010	Grinberg, Rachel	1.60	\$ 632.00	worked on addresses of trust facilities for
8/4/2010	Grinberg, Rachel	0.80	\$ 316.00	reviewed draft of response to rule 2004 objections
8/4/2010	Grinberg, Rachel	0.30	\$ 118.50	worked on draft response to rule 2004 objections

8/4/2010	Grinberg, Rachel	0.70	\$ 276.50	call with Phil Bentley to address production burden raised in objections to 2004 application
8/4/2010	Mullin, Charles	0.70	\$ 437.50	Recap of Grace process
8/4/2010	Mullin, Charles	0.20	\$ 125.00	Structure of trust claim file production and
8/4/2010	Mullin, Charles	0.90	\$ 562.50	Call with Philip Bentley regarding trust discovery and estimation
8/4/2010	Scarcella, Marc	0.70	\$ 276.50	Review response to discovery objection
8/4/2010	Wieman, Christopher	0.40	\$ 154.00	Lat/Long research, mapping, and distance calc for RGrinberg
8/4/2010	Wieman, Christopher	1.60	\$ 616.00	Additional 48 locations - Lat/Long research, mapping, distance calculations for RGrinberg
8/5/2010	Evans, Andrew	0.20	\$ 85.00	Impact of ACC retention of Peterson
8/5/2010	Evans, Andrew	0.50	\$ 212.50	Additional work to uncover public Peterson docs
8/5/2010	Evans, Andrew	0.30	\$ 127.50	Information regarding disparities between past ACC and futures estimates and the exclusion of certain ACC estimates in past BKs
8/5/2010	Evans, Andrew	0.20	\$ 85.00	Review of materials related to 2004 responses
8/5/2010	Evans, Andrew	0.20	\$ 85.00	Final review of Austern objection to 2004
8/5/2010	Evans, Andrew	0.30	\$ 127.50	Update on Motors 2004 response status
8/5/2010	Gallardo-Garcia, Jorge	0.40	\$ 150.00	Continue review responses to 2004 petition.
8/5/2010	Gallardo-Garcia, Jorge	0.70	\$ 262.50	Review response to 2004 objections.
8/5/2010	Grinberg, Rachel	0.70	\$ 276.50	continued work on draft response to rule 2004 objections
8/5/2010	Grinberg, Rachel	1.00	\$ 395.00	debrief on response to 2004 objections
8/5/2010	Grinberg, Rachel	1.40	\$ 553.00	studied final filing of response to 2004 objections
8/5/2010	Grinberg, Rachel	1.40	\$ 553.00	worked on addresses for trust discovery request
8/5/2010	Mullin, Charles	1.10	\$ 687.50	Review of 2004 reply
8/5/2010	Wieman, Christopher	0.20	\$ 77.00	Additional distance calculations
8/6/2010	Grinberg, Rachel	1.30	\$ 513.50	call with Phil Bentley in preparation for the August 9th hearing
8/6/2010	Mullin, Charles	0.20	\$ 125.00	Identifying sources
8/6/2010	Mullin, Charles	1.20	\$ 750.00	Conference call with Phil Bentley regarding asbestos litigation history
8/6/2010	Wieman, Christopher	0.20	\$ 77.00	Additional distance calculations
8/8/2010	Grinberg, Rachel	3.30	\$ 1,303.50	worked on supporting materials for the August 9 hearing
8/8/2010	Grinberg, Rachel	0.60	\$ 237.00	Phone call with Philip Bentley in preparation for the August 9th hearing
8/8/2010	Mullin, Charles	0.70	\$ 437.50	Asbestos background and relevance of Trust data
8/9/2010	Grinberg, Rachel	1.20	\$ 474.00	attended rule 2004 hearing by phone
8/9/2010	Grinberg, Rachel	1.80	\$ 711.00	attended rule 2004 hearing by phone
8/9/2010	Grinberg, Rachel	1.00	\$ 395.00	worked on comparison of Peterson vs. debtors estimates in past bankruptcy cases
8/9/2010	Grinberg, Rachel	1.00	\$ 395.00	attended rule 2004 hearing by phone
8/9/2010	Grinberg, Rachel	0.50	\$ 197.50	summarized the rule 2004 hearing
8/10/2010	Grinberg, Rachel	0.40	\$ 158.00	call with Phil Bentley about next steps for
8/10/2010	Grinberg, Rachel	1.00	\$ 395.00	worked on options to satisfy confidentiality of trust
8/10/2010	Grinberg, Rachel	1.00	\$ 395.00	worked on the arguments for the next discovery
8/11/2010	Evans, Andrew	0.10	\$ 42.50	Information on Dan Myers background to Motors
8/11/2010	Gallardo-Garcia, Jorge	1.30	\$ 487.50	Review transcript from data request hearing.
8/11/2010	Grinberg, Rachel	0.70	\$ 276.50	worked on the next steps of discovery
8/11/2010	Mullin, Charles	0.60	\$ 375.00	Assessing impact of Motors order on estimation

8/12/2010	Evans, Andrew	0.30	\$ 127.50	Follow steps related to 2004 discovery work
8/12/2010	Grinberg, Rachel	2.00	\$ 790.00	worked case strategy and associated 3rd party discovery requests
8/12/2010	Grinberg, Rachel	0.90	\$ 355.50	worked on discovery request by the ACC to provide Debtors with materials for our GM-Royal
8/12/2010	Grinberg, Rachel	1.20	\$ 474.00	worked on discovery request by the ACC to provide Debtors with materials for our GM-Royal
8/12/2010	Grinberg, Rachel	0.60	\$ 237.00	call with Phil Bentley to discuss budget and discovery issues
8/12/2010	Grinberg, Rachel	0.50	\$ 197.50	worked on future 3rd party discovery items
8/12/2010	Grinberg, Rachel	1.10	\$ 434.50	worked on trust data confidentiality agreement
8/12/2010	Grinberg, Rachel	0.30	\$ 118.50	worked on trust data confidentiality agreement
8/12/2010	Mullin, Charles	0.60	\$ 375.00	Responding to discovery request regarding Bates White prior work for GM: review of materials
8/12/2010	Mullin, Charles	0.40	\$ 250.00	Responding to discovery request regarding Bates White prior work for GM: review of request
8/13/2010	Grinberg, Rachel	2.20	\$ 869.00	worked on discovery request by the ACC to provide Debtors with materials for our GM-Royal
8/13/2010	Grinberg, Rachel	0.50	\$ 197.50	overview of outstanding work streams
8/13/2010	Grinberg, Rachel	0.30	\$ 118.50	sent materials on discovery request by the ACC
8/13/2010	Grinberg, Rachel	0.80	\$ 316.00	worked on confidentiality agreement for trust data and SSN data from GM
8/14/2010	Mullin, Charles	0.80	\$ 500.00	Refining work plan
8/15/2010	Grinberg, Rachel	1.70	\$ 671.50	call with Phil Bentley re budget and case strategy
8/15/2010	Grinberg, Rachel	0.40	\$ 158.00	reviewed new confidentiality and data handling agreements
8/15/2010	Grinberg, Rachel	0.20	\$ 79.00	summarized comments re confidentiality and data handling agreements
8/15/2010	Grinberg, Rachel	0.60	\$ 237.00	reviewed draft confidentiality agreement and order
8/15/2010	Mullin, Charles	0.20	\$ 125.00	Responding to questions from counsel: Trust discovery order
8/15/2010	Mullin, Charles	0.40	\$ 250.00	Responding to questions from counsel: Confidentiality order
8/15/2010	Mullin, Charles	1.60	\$ 1,000.00	Call with Phil Bentley regarding work plan
8/16/2010	Grinberg, Rachel	2.50	\$ 987.50	worked on the additional discovery needs
8/16/2010	Grinberg, Rachel	0.60	\$ 237.00	call with Phil Bentley re upcoming data discovery
8/16/2010	Grinberg, Rachel	0.20	\$ 79.00	phone call with Phil Bentley re trust data turn over
8/16/2010	Grinberg, Rachel	0.50	\$ 197.50	reviewed confidentiality agreement for trust
8/16/2010	Grinberg, Rachel	0.40	\$ 158.00	transferred data and engagement letter from GM-Royal engagement
8/16/2010	Mullin, Charles	0.80	\$ 500.00	Review of Trust discovery order and Confidentiality Agreement regarding Trust data
8/16/2010	Mullin, Charles	0.50	\$ 312.50	Revisions to data exchange and protocol
8/17/2010	Grinberg, Rachel	0.70	\$ 276.50	worked on the additional data discovery
8/17/2010	Grinberg, Rachel	0.50	\$ 197.50	call with Phil Bentley re alternatives to proposed trust discovery method
8/17/2010	Grinberg, Rachel	2.60	\$ 1,027.00	worked on alternatives to proposed trust discovery method
8/17/2010	Grinberg, Rachel	1.50	\$ 592.50	worked on alternative ways to structure trust
8/17/2010	Mullin, Charles	0.30	\$ 187.50	Review of proposed language on data exchange
8/17/2010	Mullin, Charles	0.50	\$ 312.50	Use of 650 sample and trust recovery reports

8/17/2010	Mullin, Charles	1.30	\$ 812.50	Drafting discovery request regarding total compensation received by claimants
8/17/2010	Mullin, Charles	0.50	\$ 312.50	Attending part of conference call with Bentley regarding confidentiality order and data exchange
8/17/2010	Mullin, Charles	0.30	\$ 187.50	Assessing ability of Bates White to supplement GM claims data with additional personal identifying information
8/17/2010	Mullin, Charles	0.80	\$ 500.00	Confirming that supplemental information provided by Bates White has sources in the public
8/18/2010	Grinberg, Rachel	0.70	\$ 276.50	assessed need for additional discovery on total claimants amounts
8/18/2010	Grinberg, Rachel	0.80	\$ 316.00	reviewed updated data management agreement, order, and confidentiality agreement for 2004
8/18/2010	Grinberg, Rachel	0.50	\$ 197.50	worked on confidentiality language for data provided by Bates White to the trusts
8/18/2010	Grinberg, Rachel	0.70	\$ 276.50	reviewed GM-Royal data provided to GM
8/18/2010	Mullin, Charles	0.70	\$ 437.50	Discovery regarding total compensation received by claimants
8/18/2010	Mullin, Charles	0.70	\$ 437.50	Assessment of alternative work plans
8/19/2010	Grinberg, Rachel	0.50	\$ 197.50	worked on case schedule
8/19/2010	Grinberg, Rachel	0.20	\$ 79.00	call with Phil Bentley re production of SSN
8/19/2010	Grinberg, Rachel	0.40	\$ 158.00	call with Phil Bentley and new GM re production of SSN numbers
8/19/2010	Grinberg, Rachel	0.20	\$ 79.00	reviewed changed to the proposed SSN
8/19/2010	Grinberg, Rachel	0.20	\$ 79.00	worked on production on SSNs
8/19/2010	Mullin, Charles	0.20	\$ 125.00	Call with Bentley re GM production of SSNs
8/19/2010	Mullin, Charles	0.40	\$ 250.00	Call with Bentley and New GM re GM production of SSNs
8/20/2010	Grinberg, Rachel	0.70	\$ 276.50	worked on memo re additional discovery request
8/20/2010	Grinberg, Rachel	0.50	\$ 197.50	call with Phil Bentley and Peter Friedman re work plan and budget
8/20/2010	Grinberg, Rachel	0.50	\$ 197.50	call with Phil Bentley re case strategy and next
8/20/2010	Mullin, Charles	0.50	\$ 312.50	Call with Phil Bentley and Peter Freidman regarding Bates White work plan and budget
8/20/2010	Mullin, Charles	0.50	\$ 312.50	Discussion with Phil Bentley reagrding case status and next steps
8/23/2010	Grinberg, Rachel	0.50	\$ 197.50	designed work plan for supplementing data for meso claimants for 2004 order
8/23/2010	Grinberg, Rachel	0.20	\$ 79.00	planning for review of 650 case files
8/23/2010	Grinberg, Rachel	0.50	\$ 197.50	worked on project planning
8/24/2010	Grinberg, Rachel	0.50	\$ 197.50	preparation for the review of 650 claim files
8/24/2010	Grinberg, Rachel	0.50	\$ 197.50	reviewed order; communicated time table to the
8/24/2010	Johnson, Samantha	0.60	\$ 195.00	review of audit initiative
8/24/2010	Johnson, Samantha	2.40	\$ 780.00	assembling options for claim audit process
8/24/2010	Johnson, Samantha	1.00	\$ 325.00	budgeting for audit initiative
8/24/2010	Mullin, Charles	0.80	\$ 500.00	Preparation to receive and turnaround GM data to
8/25/2010	Johnson, Samantha	2.00	\$ 650.00	designing options for claim audit process
8/25/2010	Johnson, Samantha	2.70	\$ 877.50	preparing options for claim audit process
8/25/2010	Johnson, Samantha	0.80	\$ 260.00	review of cost estimates for audit process
8/26/2010	Grinberg, Rachel	0.80	\$ 316.00	worked on project planning
8/26/2010	Grinberg, Rachel	0.40	\$ 158.00	developed work plan for production of Meso Claims data to TPFs

8/26/2010	Johnson, Samantha	1.80	\$ 585.00	updating options list for audit process with new cost estimates
8/26/2010	Johnson, Samantha	0.80	\$ 260.00	review of cost estimates for claim audit
8/27/2010	Grinberg, Rachel	0.50	\$ 197.50	talked to in-house counsel about additional sources of data that can be used to supplement
8/27/2010	Grinberg, Rachel	0.50	\$ 197.50	worked with IT on setting up secured FTP site for data transmission
8/27/2010	Grinberg, Rachel	0.20	\$ 79.00	emailed counsel of TPFs about data availability and access instructions
8/30/2010	Evans, Andrew	0.30	\$ 127.50	Review of new "swett" data proposal
8/30/2010	Grinberg, Rachel	0.50	\$ 197.50	worked on project planning
8/30/2010	Grinberg, Rachel	1.70	\$ 671.50	worked on the response to the ACC's anonymity protocol
8/30/2010	Grinberg, Rachel	1.30	\$ 513.50	worked on memorandum on additional discovery
8/30/2010	Grinberg, Rachel	2.30	\$ 908.50	worked on memorandum on additional discovery
8/31/2010	Grinberg, Rachel	1.00	\$ 395.00	worked on proposed anonymity protocol for trust discovery
8/31/2010	Johnson, Samantha	0.40	\$ 130.00	updating price estimates for audit task
9/1/2010	Evans, Andrew	1.00	\$ 425.00	Review of new Motors plan
9/1/2010	Grinberg, Rachel	1.00	\$ 395.00	worked on the confi agreement
9/1/2010	Grinberg, Rachel	0.40	\$ 158.00	worked with IT to implement restriction based on the confi agreement
9/2/2010	Evans, Andrew	0.30	\$ 127.50	Update on big picture based on plan of reorg filed on 8-31
9/2/2010	Grinberg, Rachel	0.30	\$ 118.50	responded to the ACC's data handling proposal
9/2/2010	Grinberg, Rachel	0.50	\$ 197.50	worked on the trust data discovery issues
9/2/2010	Grinberg, Rachel	1.00	\$ 395.00	worked through the issues with the ACC data handling proposal
9/2/2010	Grinberg, Rachel	0.30	\$ 118.50	provided additional input to the ACC's data handling proposal
9/2/2010	Grinberg, Rachel	2.20	\$ 869.00	studied proposed plan of reorganization
9/2/2010	Grinberg, Rachel	0.40	\$ 158.00	discussed shortcomings of ACC's data handling proposal with Phil Bentley
9/2/2010	Grinberg, Rachel	1.00	\$ 395.00	worked on shortcomings of data handling by a 3rd party vendor
9/2/2010	Mullin, Charles	0.40	\$ 250.00	Response to Swett proposal regarding Neutral
9/3/2010	Grinberg, Rachel	0.70	\$ 276.50	worked on potential problems with having the data merging performed by the 3rd party vendor
9/7/2010	Grinberg, Rachel	0.50	\$ 197.50	project status update: work plan overview
9/7/2010	Grinberg, Rachel	0.50	\$ 197.50	loaded materials received from New GM
9/7/2010	Grinberg, Rachel	1.00	\$ 395.00	reviewed and summarized data dictionary from
9/7/2010	Grinberg, Rachel	2.50	\$ 987.50	reviewed and summarized information contained in the "Settlement funds request" document
9/7/2010	Grinberg, Rachel	1.40	\$ 553.00	continued the review of information contained in the "Settlement funds request" document
9/7/2010	Grinberg, Rachel	0.90	\$ 355.50	worked on the response to the proposed anonymity protocol
9/7/2010	Mullin, Charles	0.60	\$ 375.00	Identification of problems with third party Neutral proposal
9/8/2010	Grinberg, Rachel	1.30	\$ 513.50	worked on the response to the modified ACC's GM - Anonymity Protocol

9/8/2010	Grinberg, Rachel	2.30	\$ 908.50	finalized summaries on information contained in the "Settlement funds request" document
9/8/2010	Grinberg, Rachel	1.20	\$ 474.00	worked on case strategy
9/8/2010	Mullin, Charles	1.30	\$ 812.50	Review and response to proposal for a third party Neutral
9/8/2010	Mullin, Charles	0.80	\$ 500.00	Review of documents produced in response to 2004 motion
9/11/2010	Grinberg, Rachel	0.20	\$ 79.00	reviewed the new proposed ACC's Anonymity
9/11/2010	Grinberg, Rachel	0.40	\$ 158.00	Compiled list of additional variables Bates White would be providing to the 3rd party Neutral
9/11/2010	Grinberg, Rachel	1.70	\$ 671.50	worked on the response to the latest proposed Anonymity Protocol
9/11/2010	Mullin, Charles	0.40	\$ 250.00	Response to 3rd party Neutral proposal received yesterday
9/11/2010	Mullin, Charles	0.30	\$ 187.50	Response to 3rd party Neutral proposal received
9/15/2010	Grinberg, Rachel	1.00	\$ 395.00	worked on anonymity protocol
9/17/2010	Grinberg, Rachel	0.90	\$ 355.50	reviewed ACC's Anonymity protocol letter to judge Gerber
9/18/2010	Mullin, Charles	0.60	\$ 375.00	Review of ACC anonimity filing
9/19/2010	Grinberg, Rachel	2.00	\$ 790.00	prepared arguments in response to the ACC anonymity protocol
9/19/2010	Grinberg, Rachel	0.60	\$ 237.00	call with Phil Bentley re response to the anonymity protocol
9/19/2010	Grinberg, Rachel	1.70	\$ 671.50	drafted response to the ACC's anonymity protocol
9/19/2010	Grinberg, Rachel	1.80	\$ 711.00	continued drafting response to the ACC's anonymity protocol
9/19/2010	Grinberg, Rachel	1.30	\$ 513.50	worked on rebutting arguments on the ACC's anonymity protocol
9/19/2010	Grinberg, Rachel	1.20	\$ 474.00	finished work on arguments on the ACC's anonymity protocol
9/19/2010	Mullin, Charles	0.30	\$ 187.50	Part of call with Phil Bentley reagrding confidentiality order and data production from
9/19/2010	Mullin, Charles	0.20	\$ 125.00	Part of call with Phil Bentley reagrding confidentiality order and data production from trusts--return after interruption
9/19/2010	Mullin, Charles	1.20	\$ 750.00	Drafting response to ACC proposal on trust discovery--Bates White recommended protocol
9/19/2010	Mullin, Charles	1.40	\$ 875.00	Drafting response to ACC proposal on trust discovery--defects in ACC proposals
9/20/2010	Grinberg, Rachel	0.50	\$ 197.50	project status update
9/20/2010	Grinberg, Rachel	2.50	\$ 987.50	worked on alternatives to ACCs anonymity
9/21/2010	Evans, Andrew	0.30	\$ 127.50	Input on recent filings
9/22/2010	Johnson, Samantha	1.80	\$ 585.00	review of offset analysis tool for updates to
9/23/2010	Mullin, Charles	0.50	\$ 312.50	Review of reply to ACC filing on anonimoty
9/24/2010	Grinberg, Rachel	1.90	\$ 750.50	call with Phil Bentley re upcoming settlement discussions
9/24/2010	Grinberg, Rachel	1.50	\$ 592.50	assessment of settlement strategy
9/24/2010	Grinberg, Rachel	1.20	\$ 474.00	put together additional information for the sur-reply to the anonymity protocol
9/24/2010	Grinberg, Rachel	1.00	\$ 395.00	worked on valuation for settlement talks
9/24/2010	Mullin, Charles	2.90	\$ 1,812.50	Call with Phil Bentley: Preparation for settlement meeting with ACC

9/24/2010	Mullin, Charles	0.50	\$ 312.50	Preparation for call with Phil Bentley: Preparation for settlement meeting with ACC
9/24/2010	Mullin, Charles	0.40	\$ 250.00	Expected forecast numbers by Rabinovitz and
9/25/2010	Mullin, Charles	0.20	\$ 125.00	Description of Florence and Rabinovitz estimates
9/26/2010	Mullin, Charles	0.30	\$ 187.50	Responding to questions from counsel
9/27/2010	Gallardo-Garcia, Jorge	0.60	\$ 225.00	Court documents review.
9/27/2010	Grinberg, Rachel	1.50	\$ 592.50	summary of documents received from new GM
9/27/2010	Grinberg, Rachel	2.50	\$ 987.50	read through past hearing transcripts in prep of the response to the anonymity protocol
9/27/2010	Grinberg, Rachel	0.50	\$ 197.50	work streams overview
9/27/2010	Grinberg, Rachel	1.50	\$ 592.50	worked on documents for the settlement info brief
9/27/2010	Karki, Saurav	0.50	\$ 147.50	Review GM contingent liability for asbestos
9/27/2010	Mullin, Charles	0.40	\$ 250.00	Respondign to questions from counsel on Rabinovitz and Florence
9/27/2010	Mullin, Charles	0.20	\$ 125.00	Review of draft letter by Bentley
9/28/2010	Grinberg, Rachel	1.30	\$ 513.50	reviewed settlement info brief
9/28/2010	Grinberg, Rachel	1.50	\$ 592.50	worked on materials for the settlement info brief
9/28/2010	Grinberg, Rachel	1.20	\$ 474.00	overview of the scope of trusts data production in WR Grace
9/28/2010	Mullin, Charles	0.70	\$ 437.50	Assessment of the interaction between future claimants, pending claimants, and New-GM regarding potential funding obligations
9/28/2010	Mullin, Charles	0.30	\$ 187.50	Review of settlement assessment
9/29/2010	Grinberg, Rachel	0.50	\$ 197.50	overview of current work streams
9/29/2010	Grinberg, Rachel	1.10	\$ 434.50	prep for call with the UCC re upcoming settlement discussions
9/29/2010	Grinberg, Rachel	0.50	\$ 197.50	Call with the UCC in prep for the settlement discussions
9/29/2010	Grinberg, Rachel	1.50	\$ 592.50	worked on materials for the upcoming settlement discussions
9/29/2010	Grinberg, Rachel	1.40	\$ 553.00	reviewed additional complaints production from the new GM
9/29/2010	Mullin, Charles	1.10	\$ 687.50	Call with Phil Bentley regarding futures estimates
9/29/2010	Mullin, Charles	0.40	\$ 250.00	Call with Phil Bentley and UCC
9/30/2010	Grinberg, Rachel	1.80	\$ 711.00	outlined project time line and the associated work
9/30/2010	Grinberg, Rachel	1.00	\$ 395.00	summarized data received and outstanding discovery request



## Data Gathering & Processing

Date Incurred	Employee	Hours	Professional Fees	Notes
6/1/2010	Bolian, Zachary	0.50	\$ 127.50	Reviewing cleaned names in pending data to catch special cases.
6/1/2010	Bolian, Zachary	0.40	\$ 102.00	Adding code to treat special name cases in
6/1/2010	Bolian, Zachary	0.50	\$ 127.50	Resolving syntax changes for lawyer cleaning algorithm with Stata 10.
6/1/2010	Bolian, Zachary	0.30	\$ 76.50	Investigating underlying data for start date/end date reconciliation.
6/1/2010	Bolian, Zachary	0.20	\$ 51.00	Researching line of code that interrupts lawyer cleaning algorithm in stata 10.
6/1/2010	Bolian, Zachary	0.40	\$ 102.00	Planning next steps on POC dataset
6/1/2010	Bolian, Zachary	0.30	\$ 76.50	Used new tests for lawyer cleaning in stata 10.
6/1/2010	Bolian, Zachary	1.10	\$ 280.50	Investigating claims with disposition conflicts in underlying data.
6/1/2010	Bolian, Zachary	1.30	\$ 331.50	Writing code to analyze claims with conflicting disposition values across tables.
6/1/2010	Bolian, Zachary	0.60	\$ 153.00	Reviewing output of analysis script.
6/1/2010	Bolian, Zachary	0.60	\$ 153.00	Continued reviewing results of disposition
6/1/2010	Bolian, Zachary	0.20	\$ 51.00	Researching stata syntax to use in stata 10
6/1/2010	Gallardo-Garcia, Jorge	1.90	\$ 712.50	Namings source data gathering.
6/1/2010	Gallardo-Garcia, Jorge	0.80	\$ 300.00	Review county websites' available information on namings.
6/1/2010	Robinson, William	2.20	\$ 605.00	Update lawyer utility to work on Stata 10
6/2/2010	Bolian, Zachary	0.30	\$ 76.50	Testing county treatment.
6/2/2010	Bolian, Zachary	0.20	\$ 51.00	QC county selection algorithm.
6/2/2010	Bolian, Zachary	1.20	\$ 306.00	Update documentation of duplicate treatment.
6/2/2010	Bolian, Zachary	1.20	\$ 306.00	Documenting investigation of underlying data.
6/2/2010	Bolian, Zachary	0.40	\$ 102.00	Added code to test hypothesis about type 2 disposition claims.
6/2/2010	Bolian, Zachary	0.60	\$ 153.00	Edit documentation of underlying claim
6/2/2010	Bolian, Zachary	1.30	\$ 331.50	Debugging run break on lawyer cleaning
6/2/2010	Bolian, Zachary	0.50	\$ 127.50	Plan next steps to generate forecast.
6/2/2010	Bolian, Zachary	0.50	\$ 127.50	Investigating lawyer names not cleaned by
6/2/2010	Bolian, Zachary	0.80	\$ 204.00	Generated an analysis of data observation
6/2/2010	Bolian, Zachary	0.70	\$ 178.50	Review analysis results.
6/2/2010	Bolian, Zachary	0.90	\$ 229.50	Updating venue cleaning algorithm with analysis information.
6/2/2010	Bolian, Zachary	1.20	\$ 306.00	Testing algorithm update.
6/2/2010	Gallardo-Garcia, Jorge	0.50	\$ 187.50	Review eMagnus documentation and webpage instructions. Check available information.
6/2/2010	Grinberg, Rachel	0.50	\$ 197.50	update on POC data processing
6/2/2010	Grinberg, Rachel	1.00	\$ 395.00	reviewed POC data
6/2/2010	Robinson, William	1.20	\$ 330.00	Setting up naming data folder structure and
6/2/2010	Robinson, William	1.40	\$ 385.00	Reviewing and processing naming data
6/2/2010	Robinson, William	2.10	\$ 577.50	Updating naming data processing
6/2/2010	Sendor, David	0.50	\$ 147.50	reviewed next steps
6/2/2010	Sendor, David	1.30	\$ 383.50	prepared scripts for loading data into forecasting
6/2/2010	Sendor, David	1.00	\$ 295.00	prepared statistical calculations for forecasting
6/2/2010	Sendor, David	1.80	\$ 531.00	configured forecasting tool
6/2/2010	Sendor, David	0.70	\$ 206.50	gathered data sources

6/3/2010	Bolian, Zachary	0.40	\$ 102.00	Research lawyers with large number of claims not in master lawyer database.
6/3/2010	Bolian, Zachary	0.30	\$ 76.50	Review claim documentation.
6/3/2010	Bolian, Zachary	1.60	\$ 408.00	Updating lawyer cleaning translations for POC
6/3/2010	Bolian, Zachary	1.40	\$ 357.00	Updating lawyer translations for analysis dataset.
6/3/2010	Bolian, Zachary	0.80	\$ 204.00	Hand review of lawyer cleaning results.
6/3/2010	Bolian, Zachary	0.80	\$ 204.00	Continue handmatching review of lawyer field in analysis data.
6/3/2010	Bolian, Zachary	0.70	\$ 178.50	Updated lawyer matching in analysis dataset construction.
6/3/2010	Bolian, Zachary	0.40	\$ 102.00	Debug lawyer cleaning algorithm.
6/3/2010	Bolian, Zachary	0.60	\$ 153.00	Continued research of attorneys that don't appear in our master lawyer database.
6/3/2010	Bolian, Zachary	0.80	\$ 204.00	Hand review of cleaned lawyers in POC data.
6/3/2010	Bolian, Zachary	0.30	\$ 76.50	Removed extraneous variables from analysis data that were added for QC purposes.
6/3/2010	Brown, Michael	0.40	\$ 180.00	provide information about legacy claims data
6/3/2010	Gallardo-Garcia, Jorge	0.50	\$ 187.50	Updates to scripts for namings data analysis.
6/3/2010	Gallardo-Garcia, Jorge	0.70	\$ 262.50	Namings data processing.
6/3/2010	Robinson, William	2.50	\$ 687.50	Reviewing naming data matching processing and preparing code
6/3/2010	Robinson, William	2.80	\$ 770.00	Updating naming processing code
6/3/2010	Sendor, David	1.10	\$ 324.50	prepared tool data
6/3/2010	Sendor, David	1.30	\$ 383.50	enhanced lawyer data
6/3/2010	Sendor, David	0.90	\$ 265.50	added lawyer compile feature
6/3/2010	Sendor, David	1.30	\$ 383.50	load new data into tool
6/3/2010	Sendor, David	0.80	\$ 236.00	write lawyer cleaning tool addition
6/4/2010	Bolian, Zachary	0.30	\$ 76.50	QC interaction between lawyer and state fields.
6/4/2010	Bolian, Zachary	0.80	\$ 204.00	QC occupation flags
6/4/2010	Bolian, Zachary	0.80	\$ 204.00	Overview of forecasting tool.
6/4/2010	Bolian, Zachary	0.70	\$ 178.50	Continue QC occupation flags.
6/4/2010	Bolian, Zachary	0.50	\$ 127.50	Update scripts to algorithm changes in occupation flag algorithm.
6/4/2010	Gallardo-Garcia, Jorge	0.50	\$ 187.50	NYC docket database research.
6/4/2010	Robinson, William	2.00	\$ 550.00	Reviewing naming data matching and updating
6/4/2010	Robinson, William	2.00	\$ 550.00	Reviewing naming sample match results
6/4/2010	Sendor, David	1.50	\$ 442.50	Review forecast
6/4/2010	White, Michael	1.70	\$ 510.00	Motors - Attempted to extract data directly from eMagnus mulitcourt application.
6/5/2010	Robinson, William	0.30	\$ 82.50	Updating namings data matching code
6/7/2010	Gallardo-Garcia, Jorge	1.20	\$ 450.00	Review namings database code to compile available data and plan next steps.
6/7/2010	Gallardo-Garcia, Jorge	1.10	\$ 412.50	Review namings database code to match and review current matching rules; make changes to
6/7/2010	Metz, David	2.40	\$ 708.00	Drafting case study of Madison county naming
6/7/2010	Metz, David	0.50	\$ 147.50	Processing claim and claimant data for IL
6/7/2010	Metz, David	2.40	\$ 708.00	Preliminary data collection for Madison county
6/7/2010	Metz, David	1.20	\$ 354.00	Continued data collection for Madison county
6/7/2010	Metz, David	1.00	\$ 295.00	Review of court document software and legal
6/7/2010	Robinson, William	2.50	\$ 687.50	Updating namings data processing and matching procedures

6/7/2010	Robinson, William	2.70	\$ 742.50	Reviewing namings data matching results and updating code
6/8/2010	Metz, David	2.90	\$ 855.50	Additional data collection for Madison county
6/8/2010	Metz, David	3.00	\$ 885.00	Review of claim and claimant data processing for
6/8/2010	Metz, David	1.20	\$ 354.00	Preliminary review of namings for Madison county for first group of records
6/8/2010	Robinson, William	1.50	\$ 412.50	Running matching code over the master namings database to eliminate duplicate records
6/8/2010	Robinson, William	1.80	\$ 495.00	Reviewing and adjusting the pre match data processing code for namings database
6/8/2010	Sendor, David	0.20	\$ 59.00	Forecast review
6/9/2010	Gallardo-Garcia, Jorge	0.50	\$ 187.50	Tools review and tests.
6/9/2010	Metz, David	2.50	\$ 737.50	Expanded data collection for Madison county
6/9/2010	Metz, David	1.30	\$ 383.50	Continued legal database data collection
6/9/2010	Metz, David	1.40	\$ 413.00	Review of collected court records
6/9/2010	Robinson, William	2.00	\$ 550.00	Reviewing master database matching results and updating data processing scripts
6/9/2010	Robinson, William	2.00	\$ 550.00	Adding various namings databases to the master namings database
6/9/2010	Robinson, William	0.20	\$ 55.00	Reviewing the post match master namings database data processing code
6/10/2010	Gallardo-Garcia, Jorge	1.00	\$ 375.00	Review namings database defendant names' cleaning and plan next steps.
6/10/2010	Grinberg, Rachel	0.80	\$ 316.00	Worked with IT to database to dc-sql3
6/10/2010	Metz, David	3.20	\$ 944.00	Continued database research on namings in Madison county court records
6/10/2010	Metz, David	3.00	\$ 885.00	Research on identifying records with missing docket numbers in court document database
6/10/2010	Metz, David	0.50	\$ 147.50	Data collection for records with docket numbers in Madison county
6/10/2010	Metz, David	1.00	\$ 295.00	Continued data collection for records with docket numbers in Madison county
6/10/2010	Morrow, Christopher	1.80	\$ 459.00	Data translation for naming's analysis.
6/10/2010	Robinson, William	1.30	\$ 357.50	Reviewing forecasting methodology and making a work plan
6/10/2010	Robinson, William	1.00	\$ 275.00	Translating defendant names for the master namings database
6/11/2010	Ban, Andra	4.30	\$ 1,397.50	Defendant Naming Mapping
6/11/2010	Gerhardt, William	1.50	\$ 240.00	Cleaning and updating on the namings database.
6/11/2010	Metz, David	2.00	\$ 590.00	Review of naming patterns in processed records for Madison county
6/11/2010	Metz, David	1.90	\$ 560.50	Data collection of court records in Madison
6/11/2010	Metz, David	2.60	\$ 767.00	Continued data collection of court records in Madison county
6/11/2010	Mital, Karna	1.30	\$ 208.00	translating names of defendant companies for master naming database
6/11/2010	Morrow, Christopher	2.50	\$ 637.50	Data translation for naming's analysis.
6/14/2010	Ban, Andra	2.30	\$ 747.50	Review Defendant namings
6/14/2010	Ban, Andra	2.70	\$ 877.50	Translation Table update
6/14/2010	Gallardo-Garcia, Jorge	0.50	\$ 187.50	Review namings' translation process and plan next steps in analysis.

6/14/2010	Gallardo-Garcia, Jorge	1.00	\$ 375.00	Plan modifications to scenario tool and plan next steps in implementation.
6/14/2010	Gerhardt, William	1.40	\$ 224.00	Updating and formatting entries in namings
6/14/2010	Metz, David	3.40	\$ 1,003.00	Data collection of namings in Madison County
6/14/2010	Metz, David	3.30	\$ 973.50	Continued data collection of namings in Madison County cases
6/14/2010	Metz, David	1.50	\$ 442.50	Data processing of namings in Madison County court records
6/14/2010	Metz, David	1.30	\$ 383.50	Review of data processing for naming analysis
6/14/2010	Mital, Karna	1.00	\$ 160.00	updating defendant translation table
6/14/2010	Mital, Karna	0.90	\$ 144.00	checked through revised forecasting tool to verify functionality at the macroscopic level
6/14/2010	Mital, Karna	1.00	\$ 160.00	added translations of defendant names to master
6/14/2010	Mital, Karna	1.00	\$ 160.00	converted defendant names into translations for master database
6/15/2010	Ban, Andra	4.10	\$ 1,332.50	Master Defendant DB Mapping
6/15/2010	Bolian, Zachary	0.10	\$ 25.50	Created a read me file to explain where *.csv files in source data folder originated.
6/15/2010	Bolian, Zachary	0.40	\$ 102.00	Adjusted treatment of occ_flags for observations where the occupation was unknown.
6/15/2010	Gallardo-Garcia, Jorge	0.30	\$ 112.50	Update on scenario tool and review debugging.
6/15/2010	Gallardo-Garcia, Jorge	0.20	\$ 75.00	Namings translation review.
6/15/2010	Gerhardt, William	1.70	\$ 272.00	Researched inconsistencies in the namings
6/15/2010	Gerhardt, William	2.00	\$ 320.00	Namings database entry standardization and
6/15/2010	Metz, David	1.70	\$ 501.50	Court records research on namings without docket numbers in claims database
6/15/2010	Metz, David	2.20	\$ 649.00	Data collection of court records without docket numbers in claims database
6/15/2010	Metz, David	2.20	\$ 649.00	Continued data collection of records missing docket numbers in claims database
6/15/2010	Metz, David	3.80	\$ 1,121.00	Data processing standardization of namings in Madison County court records
6/15/2010	Mital, Karna	1.00	\$ 160.00	updating entries in defendant names database
6/15/2010	Mital, Karna	1.00	\$ 160.00	made new translations for master naming
6/15/2010	Mital, Karna	1.00	\$ 160.00	verified accuracy of defendant name translations
6/15/2010	Mital, Karna	0.70	\$ 112.00	validated peers' translations of defendant names
6/15/2010	Mital, Karna	0.70	\$ 112.00	synchronized translations of defendant names
6/16/2010	Ban, Andra	3.80	\$ 1,235.00	Work on scripts for Namings DB
6/16/2010	Gallardo-Garcia, Jorge	1.10	\$ 412.50	Namings database status review and plan next
6/16/2010	Gallardo-Garcia, Jorge	1.50	\$ 562.50	Namings database review of deduplication work.
6/16/2010	Gallardo-Garcia, Jorge	0.20	\$ 75.00	Namings translation table review.
6/16/2010	Gallardo-Garcia, Jorge	1.20	\$ 450.00	Hand match implementation review and planning next steps.
6/16/2010	Gallardo-Garcia, Jorge	0.40	\$ 150.00	Review changes to matching scripts.
6/16/2010	Gerhardt, William	2.80	\$ 448.00	Quality control checking for merged entries in namings database.
6/16/2010	Gerhardt, William	1.00	\$ 160.00	Namings database quality control maintenance and review.
6/16/2010	Grinberg, Rachel	1.50	\$ 592.50	reviewed changes to scripts for matching Motors data to external data sources
6/16/2010	Metz, David	3.70	\$ 1,091.50	Standardization of defendant names in Madison County court records

6/16/2010	Metz, David	3.00	\$ 885.00	Continued standardization of defendant names
6/16/2010	Metz, David	2.30	\$ 678.50	Identified unique claimants and defendants in Madison County court records
6/16/2010	Mital, Karna	1.00	\$ 160.00	verified the agreement of defendant name
6/16/2010	Mital, Karna	0.50	\$ 80.00	checked concordance of translations with those of peers
6/16/2010	Mital, Karna	0.50	\$ 80.00	defined applications of master naming database post-cleaning
6/16/2010	Mital, Karna	1.00	\$ 160.00	did quality control assessment of peers'
6/16/2010	Mital, Karna	1.00	\$ 160.00	scanned for and corrected variations in translations across different areas of the
6/16/2010	Robinson, William	2.50	\$ 687.50	Reviewing and updating the append and pre match data processing scripts for the master
6/16/2010	Robinson, William	0.70	\$ 192.50	Reviewing master namings database matching
6/17/2010	Ban, Andra	3.60	\$ 1,170.00	Defendants Naming merging scripts
6/17/2010	Ban, Andra	3.00	\$ 975.00	Translation table update
6/17/2010	Ban, Andra	2.50	\$ 812.50	QC the master naming DB
6/17/2010	Gallardo-Garcia, Jorge	0.20	\$ 75.00	Defendant translation table review.
6/17/2010	Gallardo-Garcia, Jorge	0.50	\$ 187.50	Review updates to defendants' translation table.
6/17/2010	Metz, David	3.00	\$ 885.00	Generated translation table to identify defendants and standardize namings
6/17/2010	Metz, David	2.20	\$ 649.00	Reviewed unique claimants and defendants in Madison County court records
6/17/2010	Metz, David	2.30	\$ 678.50	Reviewed translation table and namings in CCR database
6/17/2010	Metz, David	1.00	\$ 295.00	Defendant merger, successor, and liability research for translation table
6/17/2010	Mital, Karna	0.90	\$ 144.00	aligned name translations for firms that were named frequently
6/17/2010	Mital, Karna	0.60	\$ 96.00	continued synchronizing of names of frequently-named firms
6/17/2010	Mital, Karna	0.40	\$ 64.00	researched company histories to determine validity of established or alternative naming
6/17/2010	Mital, Karna	0.80	\$ 128.00	incorporated unique namings from new namings source into translation table
6/17/2010	Morrow, Christopher	0.30	\$ 76.50	Naming's analysis.
6/17/2010	Morrow, Christopher	1.00	\$ 255.00	Naming's analysis review.
6/17/2010	Robinson, William	0.20	\$ 55.00	Updating matching code for master namings
6/17/2010	Robinson, William	1.00	\$ 275.00	Reviewing master namings database matching results and updating code
6/18/2010	Ban, Andra	4.00	\$ 1,300.00	Work on incorporating Alameda county defendants in master
6/18/2010	Gallardo-Garcia, Jorge	0.70	\$ 262.50	Matching reconciliation review.
6/18/2010	Gallardo-Garcia, Jorge	0.70	\$ 262.50	Review docket numbers matching.
6/18/2010	Gallardo-Garcia, Jorge	1.20	\$ 450.00	Review Alameda county data to include in namings database.
6/18/2010	Metz, David	2.60	\$ 767.00	Summarized findings for defendants named in Madison County
6/18/2010	Metz, David	4.50	\$ 1,327.50	Review of data processing and merge with defendant translation table
6/18/2010	Metz, David	1.00	\$ 295.00	Reviewed translation table from CCR database

6/18/2010	Robinson, William	1.50	\$ 412.50	Reviewing mesothelioma matches for master namings database
6/21/2010	Ban, Andra	3.40	\$ 1,105.00	Mapping Table
6/21/2010	Ban, Andra	2.50	\$ 812.50	Translation of defendants
6/21/2010	Bolian, Zachary	0.20	\$ 51.00	Review documentation of disposition variable
6/21/2010	Bolian, Zachary	0.60	\$ 153.00	Update code to include encoded big state variable and proper labeling of big state variable.
6/21/2010	Bolian, Zachary	0.70	\$ 178.50	Overview of disposition values and duplicates in question.
6/21/2010	Bolian, Zachary	0.60	\$ 153.00	Integrated disposition analysis into processing
6/21/2010	Bolian, Zachary	0.20	\$ 51.00	Documenting analysis to that others could follow
6/21/2010	Bolian, Zachary	0.20	\$ 51.00	Incorporating summary analysis of occupation information to process.
6/21/2010	Bolian, Zachary	0.30	\$ 76.50	Preparing email explaining analysis.
6/21/2010	Bolian, Zachary	1.40	\$ 357.00	Updating venue selection algorithm.
6/21/2010	Bolian, Zachary	0.50	\$ 127.50	Testing modifications to venue selection
6/21/2010	Gallardo-Garcia, Jorge	0.50	\$ 187.50	NY docket data review.
6/21/2010	Gallardo-Garcia, Jorge	0.20	\$ 75.00	Alameda website namings review.
6/21/2010	Gallardo-Garcia, Jorge	0.50	\$ 187.50	Review source data for San Francisco docket namings information.
6/21/2010	Gallardo-Garcia, Jorge	0.40	\$ 150.00	Review source data for San Francisco docket namings information.
6/21/2010	Gallardo-Garcia, Jorge	0.30	\$ 112.50	Review namings information translation table.
6/21/2010	Gallardo-Garcia, Jorge	0.40	\$ 150.00	Review defendant names translation table.
6/21/2010	Grinberg, Rachel	0.50	\$ 197.50	review of claims data processing decisions
6/21/2010	Grinberg, Rachel	1.20	\$ 474.00	review of claims data
6/21/2010	Mital, Karna	0.80	\$ 128.00	added plaintiff site exposure data to database for offset tool
6/21/2010	Robinson, William	0.50	\$ 137.50	Reviewing San Francisco namings data research
6/21/2010	Robinson, William	1.20	\$ 330.00	Updating San Francisco namings data research
6/21/2010	Sendor, David	1.20	\$ 354.00	reviewed data questions
6/21/2010	Sendor, David	0.80	\$ 236.00	analyzed trust offset information
6/22/2010	Ban, Andra	4.00	\$ 1,300.00	Work on scripts for translating defendants names
6/22/2010	Ban, Andra	1.80	\$ 585.00	Incorporate new defendant names
6/22/2010	Bolian, Zachary	0.40	\$ 102.00	QC venue variable selection algorithm.
6/22/2010	Bolian, Zachary	0.50	\$ 127.50	Adjusting merge code to work with new data
6/22/2010	Bolian, Zachary	0.20	\$ 51.00	Resolving issue with Stata date formatting.
6/22/2010	Gallardo-Garcia, Jorge	0.50	\$ 187.50	Docket numbers cleaning review.
6/22/2010	Gallardo-Garcia, Jorge	0.30	\$ 112.50	Review of current version of namings database.
6/22/2010	Gallardo-Garcia, Jorge	1.20	\$ 450.00	Alameda county namings and duplicates review.
6/22/2010	Mital, Karna	0.70	\$ 112.00	entry of exposure data into database for offset
6/22/2010	Robinson, William	1.90	\$ 522.50	Updating master namings database with San Francisco court website research
6/22/2010	Robinson, William	2.40	\$ 660.00	Reviewing the San Francisco docket research and updating the master namings database
6/22/2010	Robinson, William	0.60	\$ 165.00	Bringing in San Francisco court website namings data to namings database
6/23/2010	Ban, Andra	2.30	\$ 747.50	QC Defendant names
6/23/2010	Bolian, Zachary	0.80	\$ 204.00	Debugging summary table production script.
6/23/2010	Bolian, Zachary	1.10	\$ 280.50	Outlining solution to CPI adjustments.
6/23/2010	Bolian, Zachary	0.30	\$ 76.50	Wrote script to output raw duplicate QC analysis.
6/23/2010	Bolian, Zachary	1.00	\$ 255.00	Reorganizing manual review files.

6/23/2010	Bolian, Zachary	0.30	\$ 76.50	Review name cleaning and preparation of POC
6/23/2010	Bolian, Zachary	0.50	\$ 127.50	Update lawyer cleaning of POC data.
6/23/2010	Gallardo-Garcia, Jorge	0.80	\$ 300.00	Planning next steps in namings database
6/23/2010	Gallardo-Garcia, Jorge	0.50	\$ 187.50	Docket number matching rules review.
6/23/2010	Gerhardt, William	1.70	\$ 272.00	Prepared and cleaned new entries for the master namings database.
6/23/2010	Mital, Karna	1.80	\$ 288.00	input of new translations into namings database
6/23/2010	Mital, Karna	0.70	\$ 112.00	addition of new translations into namings
6/23/2010	Robinson, William	1.70	\$ 467.50	Translating defendant names for the master namings database
6/23/2010	Robinson, William	2.40	\$ 660.00	Merging the San Francisco court website research to the master namings database
6/24/2010	Ban, Andra	2.00	\$ 650.00	Defendants namings DB
6/24/2010	Ban, Andra	2.10	\$ 682.50	Translated Defendants Names
6/24/2010	Bolian, Zachary	0.40	\$ 102.00	QC POC data cleaning.
6/24/2010	Bolian, Zachary	0.90	\$ 229.50	Researching coding techniques to extract casmatter number from the name field in the
6/24/2010	Bolian, Zachary	1.80	\$ 459.00	Update cleaning of POC claimant names.
6/24/2010	Bolian, Zachary	1.00	\$ 255.00	Continue to update cleaning of claimant names in POC data.
6/24/2010	Gallardo-Garcia, Jorge	0.60	\$ 225.00	Namings' cleaning review and deduplication.
6/24/2010	Gallardo-Garcia, Jorge	0.90	\$ 337.50	Review new matching rules.
6/24/2010	Gerhardt, William	0.50	\$ 80.00	Namings database work corrections and
6/24/2010	Gerhardt, William	1.70	\$ 272.00	Continued standardization of the master namings database.
6/24/2010	Mital, Karna	2.70	\$ 432.00	continued aligning of translations between existing and new records in namings database
6/24/2010	Robinson, William	1.00	\$ 275.00	Reviewing master namings database match results and updating code
6/24/2010	Robinson, William	1.50	\$ 412.50	Reviewing matching code and updating defendant name translations
6/25/2010	Bolian, Zachary	1.00	\$ 255.00	Updated forecast formulas for OCa.
6/25/2010	Gallardo-Garcia, Jorge	1.30	\$ 487.50	Master namings database duplicates review and planning next steps in matching rules definitions.
6/25/2010	Gallardo-Garcia, Jorge	0.50	\$ 187.50	Planning next steps in master namings database
6/25/2010	Gallardo-Garcia, Jorge	0.50	\$ 187.50	Namings database review and plan next steps in data processing.
6/25/2010	Gerhardt, William	1.50	\$ 240.00	Cleaning the updated master namings database.
6/25/2010	Mital, Karna	1.30	\$ 208.00	ran algorithm to check for duplicate translations and manually corrected them.
6/25/2010	Robinson, William	1.30	\$ 357.50	Reviewing match results and updating matching
6/27/2010	Robinson, William	0.20	\$ 55.00	Running matching code for master namings
6/28/2010	Gallardo-Garcia, Jorge	0.60	\$ 225.00	Namings database review.
6/28/2010	Gallardo-Garcia, Jorge	0.50	\$ 187.50	Planning next steps in hand matching of namings database.
6/28/2010	Gallardo-Garcia, Jorge	0.50	\$ 187.50	Matching review and planning next steps.
6/28/2010	Gallardo-Garcia, Jorge	1.00	\$ 375.00	Namings database analysis and review.
6/28/2010	Gallardo-Garcia, Jorge	0.80	\$ 300.00	Planning next steps in hand matching of mesothelioma records.
6/28/2010	Gerhardt, William	0.70	\$ 112.00	Wrapping up quality control work on master namings database.
6/28/2010	Mital, Karna	0.70	\$ 112.00	final quality control check of latest entries

6/28/2010	Mital, Karna	0.60	\$ 96.00	entry of plaintiff information into database
6/28/2010	Mital, Karna	0.30	\$ 48.00	verified plaintiff information entered in database
6/28/2010	Robinson, William	1.90	\$ 522.50	Adding a handmatching procedure to the master namings database matching code
6/28/2010	Robinson, William	0.20	\$ 55.00	Running namings database matching code
6/29/2010	Gallardo-Garcia, Jorge	0.30	\$ 112.50	Namings updates review.
6/29/2010	Gerhardt, William	0.70	\$ 112.00	Hand sorting work on namings database.
6/29/2010	Gerhardt, William	1.00	\$ 160.00	Work on name matching for master namings
6/29/2010	Gerhardt, William	1.00	\$ 160.00	Hand matching for the namings database
6/29/2010	Mital, Karna	1.20	\$ 192.00	continued hand-matching of plaintiff names.
6/29/2010	Mital, Karna	1.60	\$ 256.00	continued to align namings of plaintiffs in table
6/29/2010	Robinson, William	1.00	\$ 275.00	Reviewing linear forecast results and making updates to pending stock calculation
6/29/2010	Robinson, William	1.70	\$ 467.50	Adding rules and the master namings database matching scripts and running code
6/30/2010	Ban, Andra	3.30	\$ 1,072.50	QC Namings DB
6/30/2010	Gerhardt, William	1.50	\$ 240.00	Hand matching for the namings database
6/30/2010	Gerhardt, William	1.40	\$ 224.00	Hand matching work for master namings
6/30/2010	Mital, Karna	2.00	\$ 320.00	inputted additional plaintiff matches into table
6/30/2010	Mital, Karna	1.50	\$ 240.00	found plaintiff records to match based on sufficient similarities in information
6/30/2010	Robinson, William	2.10	\$ 577.50	Reviewing master namings database matching results and updating rules
6/30/2010	Robinson, William	0.50	\$ 137.50	Updating master namings database matching code and reviewing results
7/1/2010	Ban, Andra	4.00	\$ 1,300.00	Handmatching of Claimants
7/1/2010	Bolian, Zachary	0.10	\$ 25.50	Adjusted time frame and labeling of regime
7/1/2010	Evans, Andrew	0.20	\$ 85.00	Support and review of CV and verdict trend analysis in late 90s
7/1/2010	Gallardo-Garcia, Jorge	1.50	\$ 562.50	Working database review: duplicates analysis and rules definition.
7/1/2010	Gerhardt, William	0.60	\$ 96.00	Hand matching work for merge with namings
7/1/2010	Gerhardt, William	1.00	\$ 160.00	Name pairing for integration with master namings database.
7/1/2010	Gerhardt, William	2.00	\$ 320.00	Work on name matching for master namings
7/1/2010	Gerhardt, William	2.00	\$ 320.00	Namings database hand matching
7/1/2010	Karki, Saurav	2.40	\$ 708.00	Review claimant records for Moorehouse - Morse
7/1/2010	Karki, Saurav	0.20	\$ 59.00	Review claimant records for Morsell - Morton
7/1/2010	Karki, Saurav	1.40	\$ 413.00	Review claimant records for Myhand - Nardone
7/1/2010	Mital, Karna	0.90	\$ 144.00	continued matching of plaintiff namings in table
7/1/2010	Mital, Karna	1.40	\$ 224.00	aligned namings of plaintiffs in records table
7/1/2010	Mital, Karna	1.00	\$ 160.00	continued to match records found in plaintiff
7/1/2010	Robinson, William	1.80	\$ 495.00	Reviewing handmatching spreadsheet to identify additional matching rules
7/1/2010	Robinson, William	1.30	\$ 357.50	Reviewing match rules and results and updating the code
7/1/2010	Robinson, William	0.30	\$ 82.50	Reviewing match results
7/2/2010	Ban, Andra	3.40	\$ 1,105.00	Mapping of plaintiff names
7/2/2010	Ban, Andra	2.20	\$ 715.00	Deduplicate Claimant Names
7/2/2010	Gallardo-Garcia, Jorge	0.80	\$ 300.00	Matching rules review and code edits.
7/2/2010	Gallardo-Garcia, Jorge	3.30	\$ 1,237.50	Matching algorithms and hand matching review.
7/2/2010	Gallardo-Garcia, Jorge	0.50	\$ 187.50	Edit plaintiff name cleaning scripts.



7/2/2010	Gerhardt, William	3.00	\$ 480.00	Hand matching work for master namings
7/2/2010	Karki, Saurav	0.30	\$ 88.50	Review claimant records with letters N & O 10-15 counts
7/2/2010	Karki, Saurav	2.50	\$ 737.50	Review claimant records Nelson, Newman
7/2/2010	Karki, Saurav	1.00	\$ 295.00	Review claimant records Oconnor, Norris, Oliver,
7/2/2010	Mital, Karna	1.70	\$ 272.00	compared and matched plaintiff filing records
7/2/2010	Mital, Karna	2.00	\$ 320.00	continued matching of plaintiff records in database
7/2/2010	Robinson, William	3.10	\$ 852.50	Updating match rules to account for duplicate entries in master namings database
7/2/2010	Robinson, William	1.10	\$ 302.50	Reviewing master namings database claim match results and updating scripts
7/2/2010	Robinson, William	0.60	\$ 165.00	Reviewing master database claimant name processing code
7/4/2010	Robinson, William	0.40	\$ 110.00	Reviewing match rate results for master namings database
7/6/2010	Ban, Andra	4.00	\$ 1,300.00	Translating claimants names
7/6/2010	Ban, Andra	1.10	\$ 357.50	Investigate claims that didn't merge
7/6/2010	Gallardo-Garcia, Jorge	1.70	\$ 637.50	Review duplicate records, checking for husband-wife pairs.
7/6/2010	Gallardo-Garcia, Jorge	0.30	\$ 112.50	Planning next steps in matching algorithms.
7/6/2010	Gallardo-Garcia, Jorge	2.30	\$ 862.50	Hand-matching review.
7/6/2010	Gallardo-Garcia, Jorge	0.90	\$ 337.50	Match namings data.
7/6/2010	Gerhardt, William	0.50	\$ 80.00	Hand matching for namings database.
7/6/2010	Karki, Saurav	1.70	\$ 501.50	Review claimant records with letters N-O 5-6
7/6/2010	Karki, Saurav	0.60	\$ 177.00	Review claimant records with letters N-O 4
7/6/2010	Mital, Karna	2.00	\$ 320.00	continued hand matching of plaintiff records
7/6/2010	Robinson, William	2.80	\$ 770.00	Reviewing master namings database match rate results and revising match rules
7/6/2010	Robinson, William	2.50	\$ 687.50	Updating master namings database matching rules and reviewing results
7/7/2010	Ban, Andra	4.00	\$ 1,300.00	Process the claimants that belong to the same
7/7/2010	Ban, Andra	2.10	\$ 682.50	Deduplicate records in the defendant namings
7/7/2010	Gallardo-Garcia, Jorge	0.20	\$ 75.00	Matching review and plan next steps.
7/7/2010	Gallardo-Garcia, Jorge	1.70	\$ 637.50	Hand matching process and code design.
7/7/2010	Gallardo-Garcia, Jorge	1.20	\$ 450.00	Master namings database review.
7/7/2010	Gallardo-Garcia, Jorge	0.90	\$ 337.50	Master namings database duplicates review.
7/7/2010	Gallardo-Garcia, Jorge	1.00	\$ 375.00	Review records for duplicates on jurisdiction
7/7/2010	Gerhardt, William	0.80	\$ 128.00	Hand matching for master namings database.
7/7/2010	Karki, Saurav	2.60	\$ 767.00	Review claimant records with letters P-Q 50-95
7/7/2010	Karki, Saurav	1.60	\$ 472.00	Review claimant records with letters P-Q 35-50
7/7/2010	Mital, Karna	1.60	\$ 256.00	continued grouping plaintiff records together
7/7/2010	Mital, Karna	1.00	\$ 160.00	created new groups of plaintiff filings based on matches in their information
7/7/2010	Robinson, William	0.90	\$ 247.50	Reviewing duplicates in master namings database and updating hand matching
7/7/2010	Robinson, William	3.40	\$ 935.00	Reviewing matching code for master namings
7/8/2010	Ban, Andra	3.40	\$ 1,105.00	Identify duplicates records
7/8/2010	Bolian, Zachary	0.40	\$ 102.00	Adjusted boilermaker occupation flag to be boiler worker flag.
7/8/2010	Bolian, Zachary	0.40	\$ 102.00	Added code to make missing occupation flags not missing.

7/8/2010	Bolian, Zachary	0.80	\$ 204.00	Reviewed raw occupation field for additional automotive, aviation, and rail indicators.
7/8/2010	Bolian, Zachary	0.20	\$ 51.00	QC of new occupation flag selection criteria.
7/8/2010	Bolian, Zachary	0.90	\$ 229.50	Implemented industry flags in data.
7/8/2010	Chung, Daniel	1.30	\$ 208.00	Reviewing prior analytical techniques
7/8/2010	Gallardo-Garcia, Jorge	1.20	\$ 450.00	Master namings database match review and data analysis.
7/8/2010	Gallardo-Garcia, Jorge	1.30	\$ 487.50	Namings database records review.
7/8/2010	Gallardo-Garcia, Jorge	1.40	\$ 525.00	Review flags of matched records and plan next steps in data processing.
7/8/2010	Gerhardt, William	1.00	\$ 160.00	Naming database plaintiff hand matching.
7/8/2010	Gerhardt, William	1.00	\$ 160.00	Plaintiff hand matching work for master namings database.
7/8/2010	Karki, Saurav	1.30	\$ 383.50	Review claimant records with letters P-Q 2
7/8/2010	Robinson, William	0.70	\$ 192.50	Reviewing possible duplicates on docket number in master namings database and updating hand
7/8/2010	Robinson, William	2.00	\$ 550.00	Reviewing possible duplicates on birth and death dates in master namings database and updating hand matching
7/8/2010	Robinson, William	1.00	\$ 275.00	Reviewing possible duplicates on diagnosis date in master namings database and updating hand
7/9/2010	Ban, Andra	3.00	\$ 975.00	Translate claimants
7/9/2010	Ban, Andra	0.90	\$ 292.50	Uniformize claimants names
7/9/2010	Chung, Daniel	0.20	\$ 32.00	Downloading the SEER data
7/9/2010	Chung, Daniel	1.00	\$ 160.00	Examining scripts from past analyses
7/9/2010	Chung, Daniel	0.30	\$ 48.00	Reading documentation to understand the data
7/9/2010	Gallardo-Garcia, Jorge	1.90	\$ 712.50	Namings database review and translation edits.
7/9/2010	Gerhardt, William	0.70	\$ 112.00	Matching names for namings database.
7/9/2010	Gerhardt, William	1.00	\$ 160.00	Hand matching for the namings database.
7/9/2010	Mital, Karna	1.50	\$ 240.00	grouped plaintiff filings based on matches in plaintiff data
7/9/2010	Robinson, William	2.90	\$ 797.50	Reviewing master namings database and identifying possible duplicate claims
7/9/2010	Robinson, William	0.80	\$ 220.00	Reviewing master namings database matching code making updates
7/12/2010	Ban, Andra	3.80	\$ 1,235.00	Review records belonging to the same claimant
7/12/2010	Gallardo-Garcia, Jorge	0.50	\$ 187.50	Namings database planning of next steps in
7/12/2010	Gallardo-Garcia, Jorge	1.20	\$ 450.00	Database review and compare to previous
7/12/2010	Gerhardt, William	2.50	\$ 400.00	Plaintiff hand matching for the namings database
7/12/2010	Gerhardt, William	0.70	\$ 112.00	Work on master namings database plaintiff hand matching.
7/12/2010	Mital, Karna	1.10	\$ 176.00	aligned plaintiff records
7/12/2010	Robinson, William	2.40	\$ 660.00	Reviewing potential claim level duplicates in the master namings database
7/12/2010	Robinson, William	0.70	\$ 192.50	Updating master namings database hand matching to account for claim level duplicates
7/12/2010	Robinson, William	1.80	\$ 495.00	Updating master namings database matching
7/13/2010	Ban, Andra	2.90	\$ 942.50	Replace missing states with valid states in Master Namings
7/13/2010	Chung, Daniel	0.20	\$ 32.00	Reviewing Stata code for use in analysis
7/13/2010	Chung, Daniel	0.30	\$ 48.00	Planning next steps in analysis
7/13/2010	Chung, Daniel	0.90	\$ 144.00	Examining scripts from prior analyses

7/13/2010	Gallardo-Garcia, Jorge	0.70	\$ 262.50	Database review and analytical fields additions.
7/13/2010	Gallardo-Garcia, Jorge	1.50	\$ 562.50	Namings database analysis.
7/13/2010	Gallardo-Garcia, Jorge	2.80	\$ 1,050.00	Work on master namings database.
7/13/2010	Mital, Karna	0.30	\$ 48.00	improved script for translating trust site names
7/13/2010	Mital, Karna	0.40	\$ 64.00	revised trust site cleaning script
7/13/2010	Robinson, William	1.90	\$ 522.50	Reviewing potential duplicates on diagnosis date in master namings database
7/13/2010	Robinson, William	1.00	\$ 275.00	Reviewing potential duplicates on birth and death date in master namings database
7/13/2010	Robinson, William	2.70	\$ 742.50	Reviewing and updating matching code for master namings database
7/14/2010	Chung, Daniel	0.70	\$ 112.00	Testing several different approaches to group data into manageable segments
7/14/2010	Chung, Daniel	0.80	\$ 128.00	Running scripts to extract analytical data sets
7/14/2010	Chung, Daniel	0.20	\$ 32.00	Checking scripts to ensure formatting
7/14/2010	Chung, Daniel	0.50	\$ 80.00	Revising scripts to ensure output files are in a more accessible format
7/14/2010	Chung, Daniel	1.00	\$ 160.00	Drafting a memorandum to record the steps of my analyses
7/14/2010	Gallardo-Garcia, Jorge	2.70	\$ 1,012.50	Master naming database edits.
7/14/2010	Gallardo-Garcia, Jorge	1.90	\$ 712.50	Matching rules check and planning next steps in data processing.
7/14/2010	Gallardo-Garcia, Jorge	0.30	\$ 112.50	Planning next steps in data analysis.
7/14/2010	Mital, Karna	0.40	\$ 64.00	began writing scripts for identifying updates to trust site lists
7/14/2010	Robinson, William	3.10	\$ 852.50	Reviewing matching code results for master namings database
7/14/2010	Robinson, William	2.90	\$ 797.50	Updating hand match spreadsheet to catch duplicate entries at the claim level in the master namings database
7/14/2010	Robinson, William	0.30	\$ 82.50	Reviewing master namings database matching
7/15/2010	Chung, Daniel	1.50	\$ 240.00	Adjusting scripts to obtain several race variables
7/15/2010	Gallardo-Garcia, Jorge	1.40	\$ 525.00	Master database review.
7/15/2010	Gallardo-Garcia, Jorge	1.30	\$ 487.50	Namings database QC process planning and tables review.
7/15/2010	Gallardo-Garcia, Jorge	2.30	\$ 862.50	Master namings database analysis.
7/15/2010	Gallardo-Garcia, Jorge	1.90	\$ 712.50	Continue work on master namings database
7/15/2010	Mital, Karna	0.20	\$ 32.00	adjusted a script to display dates in conventional formatting
7/15/2010	Mital, Karna	1.60	\$ 256.00	completed analysis of updates to trust site lists
7/15/2010	Mital, Karna	0.30	\$ 48.00	continued revising script for standardizing trust site names
7/15/2010	Mital, Karna	0.70	\$ 112.00	improved script for standardizing trust site names
7/15/2010	Robinson, William	1.70	\$ 467.50	Reviewing master namings database match results and updating the working database
7/16/2010	Chung, Daniel	1.40	\$ 224.00	Refining scripts to analyze several incidence
7/16/2010	Chung, Daniel	1.50	\$ 240.00	Reviewing analytical extracts
7/16/2010	Chung, Daniel	1.70	\$ 272.00	Running scripts to analyze the variation between data sets
7/16/2010	Gallardo-Garcia, Jorge	2.50	\$ 937.50	Namings data analysis.
7/16/2010	Gallardo-Garcia, Jorge	1.40	\$ 525.00	Data analysis on CCR members.
7/16/2010	Mital, Karna	1.00	\$ 160.00	improved script for cleaning trust site names

7/16/2010	Mital, Karna	1.80	\$ 288.00	continued to improve script for cleaning trust site names
7/16/2010	Mital, Karna	1.50	\$ 240.00	continued refining of script for trust site names
7/16/2010	Sendor, David	0.20	\$ 59.00	reviewed bond market information
7/19/2010	Chung, Daniel	0.80	\$ 128.00	Writing scripts to combine mesothelioma data from the last SEER iteration with the current one
7/19/2010	Chung, Daniel	0.40	\$ 64.00	Revising analytical extract for consistency
7/19/2010	Gallardo-Garcia, Jorge	0.90	\$ 337.50	Master namings database review and check of
7/19/2010	Mital, Karna	0.40	\$ 64.00	refined script to set aside particular cases for manual review.
7/19/2010	Mital, Karna	1.60	\$ 256.00	determined list of period abbreviations to preserve, drop, and expand
7/19/2010	Robinson, William	2.50	\$ 687.50	Reviewing master namings database match results and updating hand match keys and
7/19/2010	Sendor, David	0.80	\$ 236.00	analyze data for tool
7/20/2010	Ban, Andra	1.60	\$ 520.00	Translating Counties
7/20/2010	Ban, Andra	4.00	\$ 1,300.00	QC Manual Checks
7/20/2010	Chung, Daniel	1.40	\$ 224.00	Reviewed analyses to formulate hypotheses and conclusions
7/20/2010	Gallardo-Garcia, Jorge	1.50	\$ 562.50	Add naming flags and additional analytical variables to working database.
7/20/2010	Gallardo-Garcia, Jorge	0.60	\$ 225.00	Planning next steps in the use of county information in working database.
7/20/2010	Gallardo-Garcia, Jorge	1.00	\$ 375.00	Master namings database QC.
7/20/2010	Gallardo-Garcia, Jorge	0.80	\$ 300.00	Continue master namings database QC.
7/20/2010	Mital, Karna	2.00	\$ 320.00	wrote script to identify and standardize common business suffixes in site names
7/20/2010	Mital, Karna	1.30	\$ 208.00	analyzed use of country and state names within site names
7/20/2010	Mital, Karna	0.90	\$ 144.00	devised new approach to standardizing site names for matching purposes.
7/20/2010	Robinson, William	2.50	\$ 687.50	Adding Alameda court web site claims to master namings database matching and updating code
7/20/2010	Robinson, William	2.60	\$ 715.00	Comparing pre and post master namings database match claims counts and reviewing
7/21/2010	Ban, Andra	1.50	\$ 487.50	QC results of matching
7/21/2010	Ban, Andra	1.90	\$ 617.50	Review matching results
7/21/2010	Bolian, Zachary	0.70	\$ 178.50	Reviewed defense data to understand key
7/21/2010	Bolian, Zachary	0.30	\$ 76.50	Wrote data dictionary for raw defense data.
7/21/2010	Bolian, Zachary	0.50	\$ 127.50	Wrote code to import and clean defense data.
7/21/2010	Bolian, Zachary	0.70	\$ 178.50	Wrote code to merge defense data to analysis data set and spread defense amounts across claimants proportionally.
7/21/2010	Bolian, Zachary	0.30	\$ 76.50	Began QC of defense costs in analysis data set.
7/21/2010	Bolian, Zachary	1.00	\$ 255.00	Adjusted code that spreads defense dollars to claimant observations based on indemnity
7/21/2010	Bolian, Zachary	0.50	\$ 127.50	QC changes made to the code that process defense data.
7/21/2010	Gallardo-Garcia, Jorge	0.30	\$ 112.50	Review namings database counts and compare to previous version.
7/21/2010	Gallardo-Garcia, Jorge	1.30	\$ 487.50	Los Angeles county website research and test of available information.

7/21/2010	Gallardo-Garcia, Jorge	0.50	\$ 187.50	Review records from Los Angeles county website for most named defendants.
7/21/2010	Mital, Karna	0.70	\$ 112.00	began grouping together sites based on keywords from major sites
7/21/2010	Robinson, William	1.60	\$ 440.00	Extracting claim data from Los Angeles superior court web site
7/21/2010	Robinson, William	2.50	\$ 687.50	Reviewing master database claimants with multiple SSNs
7/22/2010	Ban, Andra	3.90	\$ 1,267.50	Discuss layout of the Products DB
7/22/2010	Bolian, Zachary	0.60	\$ 153.00	Reviewed scripts that produce other transaction level expense databases in the practice.
7/22/2010	Bolian, Zachary	0.80	\$ 204.00	Began writing code to produce a transaction level expense database.
7/22/2010	Bolian, Zachary	0.80	\$ 204.00	Debugged over counting of defense in database creation script and fixed bug.
7/22/2010	Bolian, Zachary	0.70	\$ 178.50	Added code to database creation that created windows and does cpi adjustment based on
7/22/2010	Bolian, Zachary	0.20	\$ 51.00	Began updating code that prepares data for scenario tool for new expense dataset.
7/22/2010	Bolian, Zachary	1.00	\$ 255.00	Finsihed adjusting script to produce expense tables for scenario tool.
7/22/2010	Gallardo-Garcia, Jorge	1.10	\$ 412.50	Research on additional sources of naming data.
7/22/2010	Gallardo-Garcia, Jorge	2.90	\$ 1,087.50	Los Angeles county website data work and planning next steps.
7/22/2010	Johnson, Samantha	1.50	\$ 487.50	review of process for data cleaning of approved
7/22/2010	Mital, Karna	1.30	\$ 208.00	determined refinements for parsing keywords based on punctuation
7/22/2010	Robinson, William	2.90	\$ 797.50	Extracting claim and naming data from Los Angeles superior court web site for master
7/22/2010	Robinson, William	2.60	\$ 715.00	Processing Los Angeles web site data for master namings database
7/22/2010	Scarcella, Marc	1.20	\$ 474.00	Review of claim files and possible data extraction procedures for exposure and work history
7/23/2010	Ban, Andra	4.00	\$ 1,300.00	Review layout of the Products DB
7/23/2010	Gallardo-Garcia, Jorge	1.20	\$ 450.00	Review status of defendant products' data research for database.
7/23/2010	Johnson, Samantha	1.00	\$ 325.00	review of claimant variables needed for bankruptcy offset analysis
7/23/2010	Mital, Karna	1.20	\$ 192.00	began script to extract keywords from site names
7/23/2010	Robinson, William	2.20	\$ 605.00	Updating master namings database with Los Angeles court web site namings data
7/23/2010	Robinson, William	0.50	\$ 137.50	Processing claim data from Los Angeles superior court web site
7/23/2010	Scarcella, Marc	0.80	\$ 316.00	Review of exposure site cleaning process
7/26/2010	Ban, Andra	3.10	\$ 1,007.50	Build Products DB
7/26/2010	Ban, Andra	2.60	\$ 845.00	Research SIC and NAIC codes crosswalks
7/26/2010	Gallardo-Garcia, Jorge	1.00	\$ 375.00	Review of products' database construction and contents.
7/26/2010	Gallardo-Garcia, Jorge	1.30	\$ 487.50	Namings database review of unmatched records.
7/26/2010	Grinberg, Rachel	1.10	\$ 434.50	downloaded general interrogatory responses
7/26/2010	Grinberg, Rachel	2.10	\$ 829.50	reviewed general interrogatory responses

7/26/2010	Johnson, Samantha	1.60	\$ 520.00	template design for outsourcing data extraction from documents
7/26/2010	Robinson, William	2.30	\$ 632.50	Processing docket research from Los Angeles superior court web site
7/26/2010	Robinson, William	2.60	\$ 715.00	Translating Los Angeles court web site defendant names
7/27/2010	Ban, Andra	4.00	\$ 1,300.00	Add records to Products Data Base
7/27/2010	Gallardo-Garcia, Jorge	0.70	\$ 262.50	Review namings information sources.
7/27/2010	Gallardo-Garcia, Jorge	1.00	\$ 375.00	Planning next steps in data extraction from county websites.
7/27/2010	Johnson, Samantha	0.60	\$ 195.00	product namings database research
7/27/2010	Johnson, Samantha	0.80	\$ 260.00	clarification on template for outsourcing data
7/27/2010	Johnson, Samantha	3.00	\$ 975.00	products database research continued
7/27/2010	Mital, Karna	1.50	\$ 240.00	compiled list of major trust sites
7/27/2010	Morrow, Christopher	0.70	\$ 178.50	Building industrial site list.
7/27/2010	Robinson, William	2.50	\$ 687.50	Updating Alameda superior court web site research and extracting data
7/27/2010	Robinson, William	1.50	\$ 412.50	Researching additional docket sources for CA superior courts
7/28/2010	Gallardo-Garcia, Jorge	0.30	\$ 112.50	Review update on data processing.
7/28/2010	Johnson, Samantha	2.30	\$ 747.50	researching smaller defendant companies - product information
7/28/2010	Mital, Karna	1.50	\$ 240.00	devised script to convert state-based site lists from websites into records with site name and
7/28/2010	Robinson, William	3.00	\$ 825.00	Reviewing California superior court web site research and updating python scripts
7/28/2010	Robinson, William	2.70	\$ 742.50	Processing California superior court web site research and updating master namings database
7/28/2010	Sendor, David	0.70	\$ 206.50	analyze Defense spend
7/28/2010	Sendor, David	1.20	\$ 354.00	analyzed defense spend and case matter type
7/28/2010	Sendor, David	0.20	\$ 59.00	analyze defense changes
7/29/2010	Ban, Andra	2.40	\$ 780.00	Continue to research asbestos containing products for different defendants
7/29/2010	Ban, Andra	1.50	\$ 487.50	Research asbestos containing products for different defendants
7/29/2010	Chung, Daniel	0.70	\$ 112.00	Reviewing prior analyses
7/29/2010	Gallardo-Garcia, Jorge	0.90	\$ 337.50	San Diego claims data review from website.
7/29/2010	Gallardo-Garcia, Jorge	0.70	\$ 262.50	Products database review and plan next steps.
7/29/2010	Johnson, Samantha	2.50	\$ 812.50	products research for database
7/29/2010	Johnson, Samantha	0.40	\$ 130.00	data extraction QC for outsourcing
7/29/2010	Mital, Karna	1.00	\$ 160.00	devised script to compile entries into one
7/29/2010	Mital, Karna	0.40	\$ 64.00	decided conventions to use for hand de-
7/29/2010	Mital, Karna	0.60	\$ 96.00	began hand de-duplication of master site list
7/29/2010	Mital, Karna	1.00	\$ 160.00	determined convention for standardizing sites with multiple locations and other non-standard
7/29/2010	Robinson, William	2.70	\$ 742.50	Extracting naming data from the Alameda superior court web site
7/29/2010	Robinson, William	2.70	\$ 742.50	Extracting naming data from the San Diego superior court web site
7/29/2010	Sendor, David	0.90	\$ 265.50	defense spend case matter type comparison
7/29/2010	Sendor, David	1.00	\$ 295.00	analyze defense spend questions
7/30/2010	Gallardo-Garcia, Jorge	0.80	\$ 300.00	Review progress in CA courts data extraction.

7/30/2010	Mital, Karna	1.10	\$ 176.00	standardized new list of refineries to prepare for merge with existing list
7/30/2010	Mital, Karna	0.50	\$ 80.00	manually extracted city names from site names that combined site and city
7/30/2010	Morrow, Christopher	2.10	\$ 535.50	Database update to track trust claim valuation changes over time.
7/30/2010	Robinson, William	2.60	\$ 715.00	Adding Alameda superior court web site data to matching database and updating code
8/2/2010	Ban, Andra	1.10	\$ 357.50	Add products to Asbestos products DB
8/2/2010	Ban, Andra	2.00	\$ 650.00	Add products to Asbestos products DB
8/2/2010	Gallardo-Garcia, Jorge	1.10	\$ 412.50	Planning next steps in data analysis.
8/2/2010	Gallardo-Garcia, Jorge	0.40	\$ 150.00	Planning nest steps in master database
8/2/2010	Mital, Karna	1.00	\$ 160.00	identified duplicates based on site name and
8/2/2010	Mital, Karna	2.00	\$ 320.00	identified duplicates by searching for major oil
8/2/2010	Mital, Karna	0.90	\$ 144.00	began scanning of records without cities to identify duplicates and fill in cities
8/2/2010	Robinson, William	1.40	\$ 385.00	Updating the San Francisco superior court web site research and adding it to the master namings
8/2/2010	Robinson, William	3.00	\$ 825.00	Updating the San Diego superior court web site research
8/2/2010	Sendor, David	0.80	\$ 236.00	review data results
8/2/2010	Sendor, David	0.80	\$ 236.00	review memo of data results
8/2/2010	Sendor, David	1.20	\$ 354.00	prepare analysis of files and write up findings
8/2/2010	Wallace, Noah	0.50	\$ 225.00	Generating Incidence data sets continued
8/2/2010	Wallace, Noah	1.10	\$ 495.00	Creating incidence database for SEER
8/2/2010	Wallace, Noah	1.20	\$ 540.00	Generating Incidence data sets
8/3/2010	Bolian, Zachary	0.30	\$ 76.50	Reorganized make.do script for data cleaning to be a pure run script.
8/3/2010	Gallardo-Garcia, Jorge	0.60	\$ 225.00	Data gathering for general model estimation.
8/3/2010	Gallardo-Garcia, Jorge	1.90	\$ 712.50	Data gathering for estimating general model
8/3/2010	Mital, Karna	2.00	\$ 320.00	designed systematic approach to combining and de-duplicating site lists
8/3/2010	Mital, Karna	2.20	\$ 352.00	identified duplicates in refinery records by sorting refinery records by city
8/3/2010	Robinson, William	1.50	\$ 412.50	Updating master namings database defendant name translations
8/3/2010	Robinson, William	2.70	\$ 742.50	Updating San Francisco superior court web site research
8/3/2010	Robinson, William	0.40	\$ 110.00	Updating lawyer translations in the master namings database
8/3/2010	Sendor, David	0.40	\$ 118.00	SSDA claimant analysis
8/3/2010	Wallace, Noah	0.50	\$ 225.00	Generating Incidence data sets (NM) continued
8/4/2010	Ban, Andra	3.70	\$ 1,202.50	Find SIC Major Group codes corresponding to the SIC Group codes
8/4/2010	Ban, Andra	1.40	\$ 455.00	Continue finding SIC Major Group codes corresponding to the SIC Group codes
8/4/2010	Chung, Daniel	0.70	\$ 112.00	Reviewing conceptual issues regarding refinement of analyses
8/4/2010	Chung, Daniel	0.50	\$ 80.00	Refining scripts to ensure proper implementation
8/4/2010	Gallardo-Garcia, Jorge	1.10	\$ 412.50	Data processing for claim valuation.
8/4/2010	Mital, Karna	2.00	\$ 320.00	identified duplicates in power plants by searching for names of major power plants

8/4/2010	Mital, Karna	1.90	\$ 304.00	identified duplicates in power plants by sorting by
8/4/2010	Robinson, William	2.80	\$ 770.00	Updating the master namings database with the California superior court web site research
8/4/2010	Robinson, William	1.90	\$ 522.50	Updating defendant and lawyer translations in the master namings database
8/4/2010	Sendor, David	1.10	\$ 324.50	determined number of unique Mesothelioma
8/5/2010	Ban, Andra	1.00	\$ 325.00	designing layout of products db
8/5/2010	Ban, Andra	1.30	\$ 422.50	Review IPUMS industry codes
8/5/2010	Ban, Andra	3.80	\$ 1,235.00	Work on translating SIC Codes to IPUMS
8/5/2010	Chung, Daniel	1.80	\$ 288.00	Reviewing analytical extract results
8/5/2010	Chung, Daniel	1.00	\$ 160.00	Reviewing the results of regression analysis
8/5/2010	Chung, Daniel	1.30	\$ 208.00	Planning next stages in the model calibration
8/5/2010	Chung, Daniel	1.10	\$ 176.00	Extracting analytical database to assist in calibrating the model
8/5/2010	Evans, Andrew	0.30	\$ 127.50	Research into availability of past Peterson reports and materials for possible use in Motors case
8/5/2010	Evans, Andrew	0.10	\$ 42.50	Review of Plibrico filing availability for possible use in Motors case
8/5/2010	Evans, Andrew	0.10	\$ 42.50	Look at use possible use of Chemtura data prod as a president for Motors
8/5/2010	Gallardo-Garcia, Jorge	0.40	\$ 150.00	Review code for gathering data for estimation.
8/5/2010	Gallardo-Garcia, Jorge	0.50	\$ 187.50	Continue review code for gathering data for
8/5/2010	Johnson, Samantha	1.30	\$ 422.50	review of sample from WWD for data extraction
8/5/2010	Mital, Karna	2.00	\$ 320.00	identified duplicates within shipyards by searching on shipyard-related keywords
8/5/2010	Mital, Karna	0.40	\$ 64.00	removed duplicates from and standardized the records that were earlier difficult to classify as
8/5/2010	Robinson, William	2.80	\$ 770.00	Updating master namings database hand
8/5/2010	Robinson, William	1.40	\$ 385.00	Updating master namings database matching
8/5/2010	Robinson, William	1.10	\$ 302.50	Updating San Francisco superior court data and master database matching code
8/5/2010	Sendor, David	0.40	\$ 118.00	analyze claims that match to master database
8/5/2010	Wallace, Noah	0.90	\$ 405.00	Reviewing products database
8/6/2010	Ban, Andra	1.80	\$ 585.00	Continue translating SIC Codes to IPUMS
8/6/2010	Ban, Andra	2.20	\$ 715.00	Continue to translate SIC Codes to IPUMS
8/6/2010	Chung, Daniel	2.50	\$ 400.00	Refining the scripts used to obtain analytical
8/6/2010	Chung, Daniel	2.00	\$ 320.00	Running scripts to extract analytical databases
8/6/2010	Gallardo-Garcia, Jorge	0.90	\$ 337.50	Review additional namings sources and plan next steps in data gathering.
8/6/2010	Gallardo-Garcia, Jorge	0.80	\$ 300.00	Planning next steps in analysis.
8/6/2010	Gallardo-Garcia, Jorge	1.70	\$ 637.50	Review scripts and data for estimates.
8/6/2010	Johnson, Samantha	1.80	\$ 585.00	review of work history records from WWD for data extraction QC
8/6/2010	Johnson, Samantha	0.40	\$ 130.00	QC of outsourcing data extraction for claimant and legal information
8/6/2010	Johnson, Samantha	1.90	\$ 617.50	QC of claimant and legal info from outsourcing data extraction
8/6/2010	Mital, Karna	0.70	\$ 112.00	continued to identify duplicates based on neighboring cities
8/6/2010	Morrow, Christopher	0.60	\$ 153.00	Reviewing case information for accuracy.
8/6/2010	Morrow, Christopher	2.20	\$ 561.00	Continued reviewing case information for



8/6/2010	Robinson, William	0.40	\$ 110.00	Updating San Francisco superior court register of actions database
8/6/2010	Robinson, William	1.00	\$ 275.00	Reviewing matching scripts for master namings database
8/6/2010	Sendor, David	0.60	\$ 177.00	review final stats
8/6/2010	Sendor, David	0.50	\$ 147.50	prepare match for QC
8/6/2010	Sendor, David	1.10	\$ 324.50	prepare hand matches
8/6/2010	Sendor, David	1.20	\$ 354.00	analyze quality of matches
8/6/2010	Sendor, David	1.40	\$ 413.00	incorporate hand matches
8/6/2010	Sendor, David	1.80	\$ 531.00	finalize match statistics
8/6/2010	Tang, Kejia	2.00	\$ 510.00	Cleaning GM claimant data
8/8/2010	Robinson, William	0.50	\$ 137.50	Updating master namings pre-match database
8/9/2010	Ban, Andra	1.60	\$ 520.00	Add industry codes where product was used
8/9/2010	Ban, Andra	2.40	\$ 780.00	Add industry codes where product was used,
8/9/2010	Chung, Daniel	0.30	\$ 48.00	Refining analytical tables
8/9/2010	Chung, Daniel	1.00	\$ 160.00	Including additional information to the analytical tables for further analysis
8/9/2010	Chung, Daniel	0.90	\$ 144.00	Reviewing analytical tables for further refinement
8/9/2010	Gallardo-Garcia, Jorge	0.30	\$ 112.50	Review scripts to gather data.
8/9/2010	Gallardo-Garcia, Jorge	1.00	\$ 375.00	Prepare data tables and review main fields.
8/9/2010	Gallardo-Garcia, Jorge	0.90	\$ 337.50	Test and run scripts for namings database
8/9/2010	Gallardo-Garcia, Jorge	1.70	\$ 637.50	Continue test and run scripts for namings database creation.
8/9/2010	Mital, Karna	1.10	\$ 176.00	systematically identified duplicates between new and existing lists of sites
8/9/2010	Morrow, Christopher	0.90	\$ 229.50	Scripting trust offset data upload strategy.
8/9/2010	Robinson, William	2.00	\$ 550.00	Adding California superior court data to master namings database matching
8/9/2010	Robinson, William	1.00	\$ 275.00	Organizing and updating superior court of California research
8/9/2010	Robinson, William	0.60	\$ 165.00	Translating new master namings database lawyers and running matching code
8/10/2010	Ban, Andra	1.50	\$ 487.50	Continue to add industry codes where product was used
8/10/2010	Ban, Andra	2.50	\$ 812.50	Continue adding industry codes where product was used
8/10/2010	Chung, Daniel	2.20	\$ 352.00	Drafting scripts to obtain extraction results
8/10/2010	Chung, Daniel	0.50	\$ 80.00	Reviewing extraction results
8/10/2010	Gallardo-Garcia, Jorge	0.50	\$ 187.50	Scripts review and edits for gathering claims
8/10/2010	Gallardo-Garcia, Jorge	1.00	\$ 375.00	Planning next steps in claims data analysis from trusts.
8/10/2010	Johnson, Samantha	3.50	\$ 1,137.50	QC of specific files from outsourcing to answer questions about coding
8/10/2010	Mital, Karna	1.40	\$ 224.00	continued identifying duplicate entries in standard site list
8/10/2010	Morrow, Christopher	0.40	\$ 102.00	Processing data entry file for trust offset analysis preparation.
8/10/2010	Robinson, William	1.00	\$ 275.00	Updating master namings database hand
8/10/2010	Robinson, William	2.30	\$ 632.50	Reviewing potential mismatches in master namings database
8/11/2010	Ban, Andra	2.00	\$ 650.00	Identify the industries where asbestos containing products were used.

8/11/2010	Ban, Andra	2.00	\$ 650.00	Continue to identify the industries where asbestos containing products were used.
8/11/2010	Chung, Daniel	2.00	\$ 320.00	Refining extrapolation scripts
8/11/2010	Gallardo-Garcia, Jorge	0.70	\$ 262.50	Products database progress review.
8/11/2010	Gallardo-Garcia, Jorge	0.20	\$ 75.00	Planning next steps in namings database QC.
8/11/2010	Gallardo-Garcia, Jorge	0.50	\$ 187.50	Process data for partial model preliminary
8/11/2010	Gallardo-Garcia, Jorge	2.40	\$ 900.00	Continue to process data for partial model preliminary estimation.
8/11/2010	Johnson, Samantha	1.60	\$ 520.00	review of batch from outsourcing - claimant/legal
8/11/2010	Mital, Karna	0.60	\$ 96.00	scanned for duplicates in new source of sites
8/11/2010	Mital, Karna	0.70	\$ 112.00	identified duplicates between new and existing defendant records
8/11/2010	Robinson, William	2.10	\$ 577.50	Translating master namings database defendant
8/11/2010	Robinson, William	2.60	\$ 715.00	Continuing to translate master namings database defendant names
8/12/2010	Chung, Daniel	1.70	\$ 272.00	Reviewing prior analysis that extrapolates unknown values in the analytical extracts
8/12/2010	Gallardo-Garcia, Jorge	1.70	\$ 637.50	Prepare scripts for summary statistics over time.
8/12/2010	Gallardo-Garcia, Jorge	0.50	\$ 187.50	Prepare settlement profile and statistics.
8/12/2010	Gallardo-Garcia, Jorge	0.90	\$ 337.50	Reload data and run scripts to calculate summary statistics.
8/12/2010	Johnson, Samantha	0.80	\$ 260.00	QC of work history from outsourcing batch
8/12/2010	Morrow, Christopher	1.30	\$ 331.50	Reviewing mesothelioma case data for accuracy.
8/12/2010	Robinson, William	1.90	\$ 522.50	Reviewing California superior court data matching with master namings database
8/12/2010	Robinson, William	1.50	\$ 412.50	Updating matching code to take into account multiple diseases for California web data
8/13/2010	Ban, Andra	1.40	\$ 455.00	Continue to identify the industries where asbestos containing products were used.
8/13/2010	Ban, Andra	3.30	\$ 1,072.50	Identify the industries where asbestos containing products were used.
8/13/2010	Chung, Daniel	1.50	\$ 240.00	Examining prior incidence extrapolation analyses
8/13/2010	Gallardo-Garcia, Jorge	1.20	\$ 450.00	Namings database review and planning next steps in data gathering.
8/13/2010	Gallardo-Garcia, Jorge	0.70	\$ 262.50	Products database review and plan next steps in data gathering.
8/13/2010	Johnson, Samantha	1.30	\$ 422.50	next batch from outsourcing - check of work history data extraction
8/13/2010	Mital, Karna	1.90	\$ 304.00	merged new site list with existing standard list and began de-duplication
8/13/2010	Robinson, William	2.90	\$ 797.50	Reviewing the California superior court data matching with the master namings database
8/13/2010	Robinson, William	1.40	\$ 385.00	Updating hand matching spreadsheet and reviewing match results for master namings
8/16/2010	Ban, Andra	3.60	\$ 1,170.00	Work on script to compile Products DB
8/16/2010	Chung, Daniel	1.30	\$ 208.00	Running scripts to compare different population
8/16/2010	Chung, Daniel	3.40	\$ 544.00	Reviewing population data for sources of
8/16/2010	Robinson, William	2.40	\$ 660.00	Reviewing the master namings database claimant matching and updating the working
8/17/2010	An, Weifang	2.10	\$ 336.00	Worked on master namings database
8/17/2010	Ban, Andra	2.10	\$ 682.50	Add products by defendant to products DB
8/17/2010	Ban, Andra	3.10	\$ 1,007.50	Add records to products DB

8/17/2010	Ban, Andra	2.70	\$ 877.50	Continue to add records to products DB
8/17/2010	Chung, Daniel	2.50	\$ 400.00	Refining scripts to compare different extrapolation results
8/17/2010	Gallardo-Garcia, Jorge	0.50	\$ 187.50	Review code for statistics' creation.
8/17/2010	Gallardo-Garcia, Jorge	0.30	\$ 112.50	Check version of claims database.
8/17/2010	Gallardo-Garcia, Jorge	0.70	\$ 262.50	Process claims data to generate statistics.
8/17/2010	Robinson, William	1.90	\$ 522.50	Updating state and county information and the master namings database
8/18/2010	An, Weifang	0.60	\$ 96.00	Standardized IPUMS codes in product database
8/18/2010	Chung, Daniel	1.00	\$ 160.00	Reviewing the outcomes of the comparison
8/18/2010	Chung, Daniel	0.50	\$ 80.00	Refining scripts to analyze industry and
8/18/2010	Gallardo-Garcia, Jorge	0.40	\$ 150.00	Review database code and database.
8/18/2010	Gallardo-Garcia, Jorge	0.70	\$ 262.50	Planning next steps in data gathering.
8/18/2010	Robinson, William	1.40	\$ 385.00	Updating master namings database lawyer
8/18/2010	Robinson, William	2.00	\$ 550.00	Reviewing master namings database claims data for possible source data updates
8/18/2010	Robinson, William	0.90	\$ 247.50	Reviewing master database and making updates to code
8/19/2010	An, Weifang	2.40	\$ 384.00	Researched product types and characteristics for product database
8/19/2010	Chung, Daniel	1.10	\$ 176.00	Reviewing risk group, industry, and occupation
8/19/2010	Gallardo-Garcia, Jorge	1.00	\$ 375.00	Review available data sources and plan next steps in data gathering.
8/19/2010	Gallardo-Garcia, Jorge	0.60	\$ 225.00	Review products database.
8/19/2010	Robinson, William	2.80	\$ 770.00	Updating master database with additional lawyer and county translations
8/20/2010	An, Weifang	3.10	\$ 496.00	Added occupational information to database
8/20/2010	Ban, Andra	1.20	\$ 390.00	Continue to add occupations to products DB
8/20/2010	Ban, Andra	3.70	\$ 1,202.50	Add occupations to products DB
8/20/2010	Chung, Daniel	2.00	\$ 320.00	Drafting a memo Re: processing SEER data
8/20/2010	Chung, Daniel	1.00	\$ 160.00	Drafting memos outlining the treatment of population files
8/20/2010	Gallardo-Garcia, Jorge	0.30	\$ 112.50	Search industry and occupation matrix for complement products' database.
8/20/2010	Grinberg, Rachel	1.90	\$ 750.50	researched additional sources of data to supplement SSNs in the GM claims data
8/20/2010	Robinson, William	0.90	\$ 247.50	Updating defendant products database
8/23/2010	An, Weifang	1.60	\$ 256.00	Worked on occupation/product table
8/23/2010	An, Weifang	1.00	\$ 160.00	Worked on product links to occupations
8/23/2010	Ban, Andra	3.30	\$ 1,072.50	Merge Industry Occupation Matrix into Products
8/23/2010	Bolian, Zachary	0.20	\$ 51.00	Review data update to confirm additional
8/23/2010	Bolian, Zachary	0.30	\$ 76.50	Adding line of code to produce flat file for SQL
8/23/2010	Bolian, Zachary	0.50	\$ 127.50	Organized discrepancy analysis data for review.
8/23/2010	Bolian, Zachary	0.30	\$ 76.50	Review lawyer cleaning results with data update.
8/23/2010	Bolian, Zachary	0.60	\$ 153.00	Reviewed exposure date fields to prepare appropriate cleaning tests.
8/23/2010	Bolian, Zachary	0.80	\$ 204.00	Incorporated exposure data preparation scripts to data process.
8/23/2010	Bolian, Zachary	0.30	\$ 76.50	QC propagation of exposure date fields.
8/23/2010	Bolian, Zachary	0.80	\$ 204.00	Constructed analysis of data to determine that observation values did not change with update.
8/23/2010	Chung, Daniel	1.40	\$ 224.00	Updating the documentation of SEER data

8/23/2010	Gallardo-Garcia, Jorge	0.70	\$ 262.50	Products database review and planning next steps in product classification.
8/23/2010	Gallardo-Garcia, Jorge	0.20	\$ 75.00	Plan merge of data.
8/23/2010	Grinberg, Rachel	0.50	\$ 197.50	downloaded GM - provided data on exposure start and end dates
8/23/2010	Grinberg, Rachel	1.10	\$ 434.50	planning for supplementing meso claimants data for 2004 order
8/23/2010	McDonald, Clay	0.50	\$ 150.00	Updating tables.
8/23/2010	McDonald, Clay	1.00	\$ 300.00	Uploading source data.
8/23/2010	Robinson, William	0.30	\$ 82.50	Creating data matching work plan
8/23/2010	Robinson, William	1.90	\$ 522.50	Preparing matching code and updating scripts
8/23/2010	Robinson, William	0.30	\$ 82.50	Updating source information in combined master databases
8/23/2010	White, Michael	0.50	\$ 150.00	Motors Liquidation -- SSA_DMF group permissions settings.
8/24/2010	An, Weifang	3.50	\$ 560.00	Linked occupations and industries
8/24/2010	Ban, Andra	3.70	\$ 1,202.50	Work on script to reduce the number of Industry Occupation combinations
8/24/2010	Bolian, Zachary	0.30	\$ 76.50	Reading documentation regarding matching
8/24/2010	Bolian, Zachary	0.80	\$ 204.00	Reviewed matching code rules.
8/24/2010	Bolian, Zachary	0.70	\$ 178.50	Hand review of preliminary name matches.
8/24/2010	Bolian, Zachary	0.80	\$ 204.00	Removing problematic punctuation and spaces from last names for match.
8/24/2010	Bolian, Zachary	0.20	\$ 51.00	Reviewed updated matched data set for integrity
8/24/2010	Bolian, Zachary	0.80	\$ 204.00	Reviewed names for transposition issues.
8/24/2010	Bolian, Zachary	1.10	\$ 280.50	Updated lawyer matching utility to improve grouping criteria.
8/24/2010	Gallardo-Garcia, Jorge	0.80	\$ 300.00	NY website data extraction example and
8/24/2010	Gallardo-Garcia, Jorge	0.70	\$ 262.50	Products database review and plan next steps.
8/24/2010	Huang, Mary	0.50	\$ 127.50	Overview of matching exercise
8/24/2010	Huang, Mary	0.90	\$ 229.50	Review matching scripts
8/24/2010	Huang, Mary	0.70	\$ 178.50	Review matches for rule issues
8/24/2010	Huang, Mary	1.60	\$ 408.00	Create flags scripts
8/24/2010	McDonald, Clay	0.70	\$ 210.00	Uploading source data.
8/24/2010	Robinson, William	0.70	\$ 192.50	Updating defendant names in the master database and running code
8/24/2010	Robinson, William	3.10	\$ 852.50	Reviewing match rules and running matching
8/24/2010	Robinson, William	3.00	\$ 825.00	Reviewing lawyer and name translations and making updates to code
8/24/2010	Robinson, William	2.80	\$ 770.00	Updating hand matching file and incorporating
8/25/2010	An, Weifang	1.00	\$ 160.00	Adjusted product industry codes
8/25/2010	Ban, Andra	3.30	\$ 1,072.50	QC products DB
8/25/2010	Ban, Andra	1.20	\$ 390.00	Continue to QC Products DB
8/25/2010	Bolian, Zachary	0.30	\$ 76.50	Organized post matching code in prep for SSA-DMF match.
8/25/2010	Bolian, Zachary	0.40	\$ 102.00	Review SSA DMF file variables to use for match.
8/25/2010	Bolian, Zachary	0.50	\$ 127.50	Created state translation table to use for SSA DMF match.
8/25/2010	Bolian, Zachary	1.10	\$ 280.50	Began organizing code for SSA DMF match.
8/25/2010	Bolian, Zachary	1.00	\$ 255.00	Investigated issue with default SQL dates.
8/25/2010	Bolian, Zachary	0.70	\$ 178.50	Tested for differences between unique identifiers.

8/25/2010	Bolian, Zachary	0.90	\$ 229.50	Wrote code to analyze discrepancies between observation values.
8/25/2010	Bolian, Zachary	0.40	\$ 102.00	Reviewed output of observation value integrity
8/25/2010	Bolian, Zachary	0.60	\$ 153.00	Manually reviewed initial matches.
8/25/2010	Bolian, Zachary	0.90	\$ 229.50	Organizing scripts to match do DMF.
8/25/2010	Bolian, Zachary	1.10	\$ 280.50	Adjusted matching scripts to pull less data from SQL to avoid memory issues.
8/25/2010	Bolian, Zachary	0.30	\$ 76.50	Debugged SQL pull scripts.
8/25/2010	Chung, Daniel	0.50	\$ 80.00	Documenting the sources of population files Re: extrapolation analysis
8/25/2010	Chung, Daniel	1.00	\$ 160.00	Documenting SEER data processing steps
8/25/2010	Grinberg, Rachel	0.50	\$ 197.50	downloaded SSN data
8/25/2010	Grinberg, Rachel	2.40	\$ 948.00	preliminary overview of the SSN data
8/25/2010	Huang, Mary	1.10	\$ 280.50	Prepare for SQL addition
8/25/2010	Huang, Mary	0.80	\$ 204.00	Merge SSN onto claimant data
8/25/2010	McDonald, Clay	0.50	\$ 150.00	Uploading SSN data.
8/25/2010	McDonald, Clay	1.00	\$ 300.00	Uploading source data.
8/25/2010	Robinson, William	3.20	\$ 880.00	Reviewing matching results and updating code
8/25/2010	Robinson, William	3.20	\$ 880.00	Updating claims data with SSN information and updating matching code
8/25/2010	Robinson, William	3.20	\$ 880.00	Updating claimant lawyer and name translations and running matching code
8/25/2010	Robinson, William	0.40	\$ 110.00	Reviewing matching results
8/26/2010	An, Weifang	0.40	\$ 64.00	Researched asbestos exposure information
8/26/2010	An, Weifang	1.40	\$ 224.00	Researched asbestos exposure information
8/26/2010	Ban, Andra	3.40	\$ 1,105.00	Classify products into categories
8/26/2010	Bolian, Zachary	0.70	\$ 178.50	Developed scripts to publish matching data to SQL to do match on the server.
8/26/2010	Bolian, Zachary	0.70	\$ 178.50	Began writing a query to perform the match on the server.
8/26/2010	Bolian, Zachary	1.00	\$ 255.00	Continued writing a query to the SQL version of the SSA DMF match.
8/26/2010	Bolian, Zachary	1.40	\$ 357.00	Handmatching review of unmatched
8/26/2010	Bolian, Zachary	0.30	\$ 76.50	Debugging memory issue with DMF match.
8/26/2010	Bolian, Zachary	1.60	\$ 408.00	Reviewed the groups created by various rules in the SSA DMF scripts.
8/26/2010	Bolian, Zachary	1.00	\$ 255.00	QC SSA DMF match output file.
8/26/2010	Bolian, Zachary	1.20	\$ 306.00	Created code to produce translations between various id keys for each process run.
8/26/2010	Bolian, Zachary	1.10	\$ 280.50	Incorporated levenshtein functions to code to group based on similar name.
8/26/2010	Bolian, Zachary	1.30	\$ 331.50	Handmatching unmatched claimants after incorporation of new matching rule.
8/26/2010	Bolian, Zachary	0.50	\$ 127.50	Prepared excel file to review matching groups for SSA in order to use excel features.
8/26/2010	Bolian, Zachary	0.60	\$ 153.00	Finished SQL query used for SSA DMF match.
8/26/2010	Chung, Daniel	0.70	\$ 112.00	Reviewing extrapolation analysis documentation
8/26/2010	Chung, Daniel	0.90	\$ 144.00	Refining data processing documentation
8/26/2010	Grinberg, Rachel	1.40	\$ 553.00	worked on matching GM data to the master DB
8/26/2010	Grinberg, Rachel	2.60	\$ 1,027.00	evaluated match rate; refined matching
8/26/2010	Grinberg, Rachel	3.10	\$ 1,224.50	continued matching of GM data to external data sources

8/26/2010	Grinberg, Rachel	1.00	\$ 395.00	review of matching results
8/26/2010	Huang, Mary	0.40	\$ 102.00	Match to SSA death master file
8/26/2010	Huang, Mary	0.50	\$ 127.50	Hand-match remaining claimants
8/26/2010	Huang, Mary	0.90	\$ 229.50	Merge post-match data to death master file
8/26/2010	Huang, Mary	0.70	\$ 178.50	Create matching flags
8/26/2010	McDonald, Clay	0.50	\$ 150.00	Creating indexes.
8/26/2010	Morrow, Christopher	1.20	\$ 306.00	Processing product information from trust offset data set production.
8/26/2010	Morrow, Christopher	1.10	\$ 280.50	Processing work history duration and exposure fields from trust offset data set production.
8/26/2010	Robinson, William	1.30	\$ 357.50	Reviewing the matching results and updating the hand match files with new translations
8/26/2010	Robinson, William	2.70	\$ 742.50	Creating hand match files
8/26/2010	Robinson, William	3.00	\$ 825.00	Updating hand match files with manual
8/26/2010	Robinson, William	2.10	\$ 577.50	Checking the match results and updating code
8/26/2010	Robinson, William	2.70	\$ 742.50	Updating the quality control matching module
8/27/2010	Ban, Andra	1.70	\$ 552.50	Add level of toxicity to Products DB
8/27/2010	Bolian, Zachary	1.20	\$ 306.00	Hand matching of remaining obs that were not matched after the incorporation of a new
8/27/2010	Bolian, Zachary	0.60	\$ 153.00	QC code to match to CCR.
8/27/2010	Bolian, Zachary	1.10	\$ 280.50	Began developing code to match to Manville
8/27/2010	Bolian, Zachary	0.60	\$ 153.00	Added reshape and corrected formatting with match to Manville script.
8/27/2010	Bolian, Zachary	1.70	\$ 433.50	Reorganized post match scripts to append observations from other data sources rather than
8/27/2010	Bolian, Zachary	0.40	\$ 102.00	Included a mid-run QC output in the SMF_SSA matching script.
8/27/2010	Bolian, Zachary	1.30	\$ 331.50	Reconciled creation of flags across all post match scripts so that the process could all be run
8/27/2010	Bolian, Zachary	0.70	\$ 178.50	Hand matching updated file.
8/27/2010	Bolian, Zachary	1.30	\$ 331.50	Put together a run script to organize and modularize post matching reconciliation scripts.
8/27/2010	Bolian, Zachary	0.70	\$ 178.50	Developed code to output final data set.
8/27/2010	Bolian, Zachary	0.40	\$ 102.00	QC SSA DMF matching rules.
8/27/2010	Bolian, Zachary	0.50	\$ 127.50	Continued developing script to output final
8/27/2010	Bolian, Zachary	0.70	\$ 178.50	Final QC of matched data output.
8/27/2010	Bolian, Zachary	1.10	\$ 280.50	Reviewed special cases where matches from various data sources need to be expanded
8/27/2010	Gallardo-Garcia, Jorge	1.00	\$ 375.00	Review data processing of claims with missing information.
8/27/2010	Gallardo-Garcia, Jorge	0.50	\$ 187.50	Planning next steps in data extraction from claim
8/27/2010	Grinberg, Rachel	1.90	\$ 750.50	worked on improving the match rate of meso
8/27/2010	Grinberg, Rachel	1.00	\$ 395.00	continued improvements on the match rate of meso claimants
8/27/2010	Grinberg, Rachel	1.60	\$ 632.00	worked on supplementing GM's data with information from external sources
8/27/2010	Grinberg, Rachel	1.70	\$ 671.50	continued to supplement GM's data with information from external sources
8/27/2010	Grinberg, Rachel	2.60	\$ 1,027.00	finalized meso data for the TPFs
8/27/2010	Grinberg, Rachel	1.50	\$ 592.50	quality control of the data to be provided to the
8/27/2010	Huang, Mary	1.60	\$ 408.00	Hand-match remaining claimants
8/27/2010	Huang, Mary	0.70	\$ 178.50	Merge on Manville information

8/27/2010	Huang, Mary	0.30	\$ 76.50	QC matching scripts
8/27/2010	Huang, Mary	2.40	\$ 612.00	Append all data sources
8/27/2010	Huang, Mary	0.70	\$ 178.50	QC production scripts
8/27/2010	Huang, Mary	2.30	\$ 586.50	Collapse appended data
8/27/2010	Huang, Mary	1.10	\$ 280.50	Create scripts to format output
8/27/2010	Huang, Mary	1.90	\$ 484.50	Troubleshoot appending scripts
8/27/2010	Huang, Mary	1.10	\$ 280.50	Create Access database
8/27/2010	Morrow, Christopher	1.50	\$ 382.50	Updating present value calculations for pending asbestos bankruptcy trusts.
8/27/2010	Morrow, Christopher	1.20	\$ 306.00	Processing mesothelioma case data and defendant namings.
8/27/2010	Morrow, Christopher	0.50	\$ 127.50	Updating asset valuation in bankruptcy trust
8/27/2010	Robinson, William	3.00	\$ 825.00	Updating hand matching sheet and reviewing matching code
8/27/2010	Robinson, William	1.30	\$ 357.50	Reviewing master death file matching code
8/27/2010	Robinson, William	3.40	\$ 935.00	Updating hand matching files and reviewing post match scripts
8/27/2010	Robinson, William	3.30	\$ 907.50	Reviewing post match scripts and preparing final access file for delivery
8/30/2010	Bolian, Zachary	0.20	\$ 51.00	Outlining next steps in matching process.
8/30/2010	Bolian, Zachary	0.30	\$ 76.50	Archiving previous matching and setting up folder structure for upcoming matching.
8/30/2010	Bolian, Zachary	0.20	\$ 51.00	Documenting the contents of a stable replication
8/30/2010	Bolian, Zachary	0.50	\$ 127.50	Created excel file after merging datasets to ensure that the ssn update data matched our previous analysis data.
8/30/2010	Bolian, Zachary	0.60	\$ 153.00	Wrote code to clean and incorporate ssn into the analysis dataset.
8/30/2010	Bolian, Zachary	0.70	\$ 178.50	Edited match scripts to set up full matching run.
8/30/2010	Bolian, Zachary	0.30	\$ 76.50	Debugging issue with encoded states to run matching code.
8/30/2010	Morrow, Christopher	1.00	\$ 255.00	Processing mesothelioma case data for defendant naming pattern analysis.
8/30/2010	Morrow, Christopher	0.60	\$ 153.00	Processing defendant naming data for naming pattern analysis.
8/30/2010	Morrow, Christopher	0.70	\$ 178.50	Continued processing defendant naming data for naming pattern analysis.
8/30/2010	Morrow, Christopher	1.10	\$ 280.50	Standardizing defendant namings for naming pattern analysis.
8/31/2010	Bolian, Zachary	1.00	\$ 255.00	Reset match configurations to run additional rules and set up second run.
8/31/2010	Bolian, Zachary	1.70	\$ 433.50	Developed new matching rule to incorporate ids from previous matching exercise.
8/31/2010	Bolian, Zachary	0.60	\$ 153.00	Review how hand matching scripts and files
8/31/2010	Bolian, Zachary	0.40	\$ 102.00	Debugged predefinition of _merge variable.
8/31/2010	Bolian, Zachary	0.50	\$ 127.50	Outline workplan and pending issues.
8/31/2010	Bolian, Zachary	0.50	\$ 127.50	Review QC script and file creation.
8/31/2010	Bolian, Zachary	0.30	\$ 76.50	Added code to prepare ssn data for SQL load.
8/31/2010	Bolian, Zachary	0.70	\$ 178.50	Set up QC scripts to work on fully matched data.
8/31/2010	Bolian, Zachary	0.60	\$ 153.00	Manual review of QC to make sure no manual changes needed to be made.
8/31/2010	Bolian, Zachary	1.00	\$ 255.00	Manual review of ssn levenshstein groupings.

8/31/2010	Bolian, Zachary	0.60	\$ 153.00	Review manual matching choices made and run QC module.
8/31/2010	Bolian, Zachary	0.50	\$ 127.50	Manual review of master QC matches.
8/31/2010	Grinberg, Rachel	1.50	\$ 592.50	preparations for merging GM data with Master Database
8/31/2010	Huang, Mary	0.50	\$ 127.50	Incorporate SSNs into database
8/31/2010	Huang, Mary	1.30	\$ 331.50	Check over SSN conflicts
8/31/2010	Huang, Mary	1.10	\$ 280.50	Review manual changes to match groups
8/31/2010	Huang, Mary	0.60	\$ 153.00	Read matching memo
8/31/2010	McDonald, Clay	0.50	\$ 150.00	Uploading ssn data.
8/31/2010	Morrow, Christopher	1.30	\$ 331.50	Standardizing defendant namings from case data upload.
8/31/2010	Morrow, Christopher	1.10	\$ 280.50	Analyzing changes in defendant naming patterns over time.
8/31/2010	Robinson, William	0.50	\$ 137.50	Reviewing matching rules and making updates
9/1/2010	Bolian, Zachary	0.70	\$ 178.50	Wrote code to analyze match groups.
9/1/2010	Bolian, Zachary	0.50	\$ 127.50	Review handmatching and post match processing protocol.
9/1/2010	Bolian, Zachary	0.60	\$ 153.00	Debugged grouping of missing previous match ids that were missing.
9/1/2010	Bolian, Zachary	0.70	\$ 178.50	Investigate data issues that need to be handled for analytical database construction.
9/1/2010	Bolian, Zachary	0.30	\$ 76.50	Created canonical function translation
9/1/2010	Bolian, Zachary	0.60	\$ 153.00	Reviewed code of other matching utility to gather thoughts to claim vs. claimant database
9/1/2010	Bolian, Zachary	0.60	\$ 153.00	Debugged analysis dataset script.
9/1/2010	Bolian, Zachary	0.50	\$ 127.50	Continued development of analysis variable creation script.
9/1/2010	Bolian, Zachary	0.80	\$ 204.00	Adjusted match scripts to use new rule preventing matching on missing values.
9/1/2010	Bolian, Zachary	0.80	\$ 204.00	Began development of final analysis version
9/1/2010	Bolian, Zachary	1.10	\$ 280.50	Review previous post matching scripts and data to ensure that new scripts will account for all specific cases.
9/1/2010	Gallardo-Garcia, Jorge	0.70	\$ 262.50	Products' database review focusing on brake
9/1/2010	Huang, Mary	0.50	\$ 127.50	Outline matching and QC tasks
9/1/2010	Huang, Mary	0.50	\$ 127.50	Read through hand matching scripts
9/1/2010	Huang, Mary	2.10	\$ 535.50	Create hand-matching scripts
9/1/2010	Huang, Mary	1.20	\$ 306.00	Match on switched names
9/1/2010	Morrow, Christopher	2.10	\$ 535.50	Analyzing defendant naming patterns from historical case data.
9/1/2010	Morrow, Christopher	1.20	\$ 306.00	Modeling changes in defendant naming patterns over time.
9/1/2010	Robinson, William	0.50	\$ 137.50	Reviewing confidentiality agreement
9/1/2010	Robinson, William	0.70	\$ 192.50	Reviewing matching scripts
9/1/2010	Robinson, William	1.00	\$ 275.00	Updating pre-match master namings database and rerunning matching code
9/2/2010	Bolian, Zachary	1.00	\$ 255.00	Adjusted scripts to expand claim level variables over client data observations rather than all matched observations.
9/2/2010	Bolian, Zachary	0.80	\$ 204.00	Debugged missing occupation and exposure



9/2/2010	Bolian, Zachary	0.80	\$ 204.00	Writing code to compare newly produced analysis variables with previously produced
9/2/2010	Bolian, Zachary	0.80	\$ 204.00	Debugged change in stable key.
9/2/2010	Bolian, Zachary	0.50	\$ 127.50	Adjusting legacy code to produce analysis version of new variables.
9/2/2010	Bolian, Zachary	0.80	\$ 204.00	Made series of tabulations to analyze produced analysis dataset.
9/2/2010	Huang, Mary	1.50	\$ 382.50	Create hand-matching scripts
9/2/2010	Huang, Mary	1.00	\$ 255.00	Hand-match switched names
9/2/2010	Huang, Mary	0.60	\$ 153.00	Prepare scripts to incorporate hand matches
9/2/2010	Huang, Mary	0.40	\$ 102.00	Review post match scripts
9/2/2010	Morrow, Christopher	1.70	\$ 433.50	Writing code to automate historic case documents search for exposure information.
9/2/2010	Morrow, Christopher	1.10	\$ 280.50	Trouble shooting code to extract exposure information from case files.
9/2/2010	Robinson, William	2.10	\$ 577.50	Updating the master namings pre-match database with additional data
9/2/2010	Robinson, William	1.60	\$ 440.00	Reviewing and updating the master namings database hand match and quality control
9/3/2010	Ban, Andra	3.00	\$ 975.00	Translate defendant names
9/3/2010	Bolian, Zachary	0.50	\$ 127.50	Review outputted QC file to flag over/under expanded variables.
9/3/2010	Bolian, Zachary	0.70	\$ 178.50	Wrote code to determine source of old/new date discrepancy.
9/3/2010	Bolian, Zachary	0.50	\$ 127.50	Debugged defense amount discrepancy.
9/3/2010	Bolian, Zachary	1.20	\$ 306.00	QCed match rates across matching exercises.
9/3/2010	Bolian, Zachary	1.00	\$ 255.00	Updating collapse script with formula changes.
9/3/2010	Bolian, Zachary	0.50	\$ 127.50	Adjusting code for handling of occ raw and exp raw variables.
9/3/2010	Grinberg, Rachel	1.50	\$ 592.50	analyzed analytical data set of GM claimants - deduplicated and merged with the Master DB
9/3/2010	Huang, Mary	1.10	\$ 280.50	Review analysis database
9/3/2010	Morrow, Christopher	1.20	\$ 306.00	Analysis of historic defendant naming patterns.
9/3/2010	Morrow, Christopher	1.00	\$ 255.00	Writing code for defendant naming analysis.
9/3/2010	Morrow, Christopher	0.70	\$ 178.50	Continued data processing to analyze defendant naming trends.
9/3/2010	Robinson, William	3.20	\$ 880.00	Updating defendant translations in the master namings database
9/7/2010	Bolian, Zachary	0.90	\$ 229.50	Handle special case variables that need to be arrayed and concatenated in collapse.
9/7/2010	Bolian, Zachary	0.40	\$ 102.00	Debugging data duplication due to string
9/7/2010	Bolian, Zachary	0.70	\$ 178.50	Updated code to concatenate long string
9/7/2010	Bolian, Zachary	0.60	\$ 153.00	Reincorporated lawyer preferencing to post match collapse.
9/7/2010	Bolian, Zachary	0.20	\$ 51.00	Constructed variable comparison workbook.
9/7/2010	Bolian, Zachary	0.60	\$ 153.00	Wrote code to analyze grouped records with unknown disease.
9/7/2010	Bolian, Zachary	0.40	\$ 102.00	Researching construction of conf date MDB
9/7/2010	Bolian, Zachary	0.60	\$ 153.00	Reviewed data to determine whether confirmation analysis could be useful for matched
9/7/2010	Bolian, Zachary	0.90	\$ 229.50	Constructed confirmation analysis script to be used for data processing.

9/7/2010	Morrow, Christopher	1.10	\$ 280.50	Analyzing defendant naming pattern data
9/7/2010	Morrow, Christopher	1.30	\$ 331.50	Examining distribution of defendant naming data over time.
9/7/2010	Morrow, Christopher	0.80	\$ 204.00	Analyzing results from revised defendant grouping method in defendant naming pattern
9/7/2010	Morrow, Christopher	0.40	\$ 102.00	Revising and summarizing defendant naming pattern analysis.
9/8/2010	Bolian, Zachary	1.10	\$ 280.50	QC code used to perform confirmation analysis.
9/8/2010	Bolian, Zachary	1.80	\$ 459.00	Continued QC code used to perform confirmation analysis.
9/8/2010	Bolian, Zachary	1.70	\$ 433.50	Began adjusting code to migrate data process to SQL environment.
9/8/2010	Bolian, Zachary	1.30	\$ 331.50	QC of final post match dataset.
9/8/2010	Huang, Mary	0.60	\$ 153.00	QC confirmation scripts
9/8/2010	McDonald, Clay	0.20	\$ 60.00	Uploading data.
9/8/2010	Morrow, Christopher	0.90	\$ 229.50	Analysis of automated case document search methodology.
9/8/2010	Morrow, Christopher	1.10	\$ 280.50	Coding updates to automated case document search analysis.
9/8/2010	Morrow, Christopher	1.60	\$ 408.00	Reviewing results of automated document searching analysis.
9/8/2010	Robinson, William	3.00	\$ 825.00	Reviewing master namings database and
9/9/2010	Bolian, Zachary	0.70	\$ 178.50	Developing code to expand diagnosis variables across claim level observations.
9/9/2010	Bolian, Zachary	0.20	\$ 51.00	Updated SQL migration code to incorporate diag date changes.
9/9/2010	Grinberg, Rachel	1.00	\$ 395.00	reviewed data processing steps
9/9/2010	Grinberg, Rachel	1.20	\$ 474.00	QC of the processing procedures
9/9/2010	Morrow, Christopher	2.70	\$ 688.50	Modifying automated document reading code and analyzing results.
9/10/2010	Robinson, William	0.70	\$ 192.50	Reviewing master namings database and
9/13/2010	Grinberg, Rachel	0.50	\$ 197.50	loaded data received as part of 2004 discovery
9/13/2010	Grinberg, Rachel	2.90	\$ 1,145.50	initial review of data received for sample
9/13/2010	Grinberg, Rachel	0.60	\$ 237.00	worked on the plan for sample claimants data
9/13/2010	McDonald, Clay	0.50	\$ 150.00	Continued uploading data.
9/13/2010	McDonald, Clay	0.50	\$ 150.00	Uploading data.
9/13/2010	McDonald, Clay	0.50	\$ 150.00	Continued uploading data.
9/13/2010	Morrow, Christopher	1.60	\$ 408.00	Case file data extraction tool development.
9/13/2010	Morrow, Christopher	2.60	\$ 663.00	Continued case file data extraction tool
9/13/2010	Robinson, William	3.00	\$ 825.00	Adding analysis variables to master namings
9/13/2010	Robinson, William	1.50	\$ 412.50	Updating master namings database with additional analysis variables
9/13/2010	Wieman, Christopher	0.50	\$ 192.50	Analysis of images/documents for review
9/13/2010	Wieman, Christopher	0.50	\$ 192.50	Create Summation Case, compress/zip images to FTP for vendor OCR, copy images to Summation folders for review
9/14/2010	Grinberg, Rachel	2.20	\$ 869.00	reviewed depo transcripts for sample claimants
9/14/2010	Grinberg, Rachel	2.40	\$ 948.00	continued review of depo transcripts for sample claimants
9/14/2010	McDonald, Clay	0.50	\$ 150.00	Uploading data.
9/14/2010	McDonald, Clay	1.50	\$ 450.00	Continued uploading data.
9/14/2010	Morrow, Christopher	2.80	\$ 714.00	Case file data extraction tool development.

9/14/2010	Robinson, William	0.70	\$ 192.50	Reviewing master namings database code and making updates
9/14/2010	Wieman, Christopher	0.40	\$ 154.00	Crate new form, add new fields to Summation
9/15/2010	Morrow, Christopher	3.00	\$ 765.00	Case file data extraction tool development.
9/16/2010	Bolian, Zachary	1.20	\$ 306.00	Reviewed python code used to match defendant names to defendant documents to be adjusted for claim purposes.
9/16/2010	Bolian, Zachary	0.60	\$ 153.00	Set up work plan for matching claimants with claim file documents.
9/16/2010	Bolian, Zachary	0.60	\$ 153.00	Tested adjustments on subset of data.
9/16/2010	Bolian, Zachary	0.70	\$ 178.50	Prepared scripts to create inputs to be used for matching.
9/16/2010	Bolian, Zachary	0.90	\$ 229.50	Made adjustments to python code to loop through relevant matching files and work with new folder structure.
9/16/2010	Bolian, Zachary	0.40	\$ 102.00	Debugging break in python code.
9/16/2010	Grinberg, Rachel	2.30	\$ 908.50	reviewed OCR'd depo transcript; developed strategy of mapping files to claimants in the GM
9/16/2010	Morrow, Christopher	1.60	\$ 408.00	Processing historic case data.
9/16/2010	Morrow, Christopher	1.30	\$ 331.50	Continued extracting work history dates from historic case documents.
9/16/2010	Robinson, William	1.90	\$ 522.50	Extracting claimant information from claim filings
9/16/2010	Robinson, William	0.90	\$ 247.50	Reviewing large groups of namings in the master namings database and updating matching
9/16/2010	Wieman, Christopher	1.00	\$ 385.00	OCR data returned from vendor, review, and copy to Summation Case locations; editing scripts for loading images into Summation
9/16/2010	Wieman, Christopher	0.50	\$ 192.50	Loading database records into Summation; start image loading into Summation
9/16/2010	Wieman, Christopher	0.50	\$ 192.50	Investigate bad OCR pages in 2 documents in Summation
9/17/2010	Bolian, Zachary	1.00	\$ 255.00	Debugging python script so that it would run in DOS shell and not the editor.
9/17/2010	Bolian, Zachary	0.80	\$ 204.00	Wrote code to trace matches back to claim
9/17/2010	Bolian, Zachary	1.40	\$ 357.00	Wrote code to flag matches with appropriate documents.
9/17/2010	Bolian, Zachary	0.80	\$ 204.00	Determining why some documents weren't matched so we can improve the code.
9/17/2010	Grinberg, Rachel	1.00	\$ 395.00	reviewed additional data received from GM as part of 2004 production
9/17/2010	Grinberg, Rachel	1.20	\$ 474.00	worked on matching OCR'd depo transcript files to claims in the GM data
9/17/2010	Robinson, William	0.70	\$ 192.50	Extracting claimant data from claim filings
9/17/2010	Robinson, William	2.00	\$ 550.00	Reviewing master namings database naming
9/17/2010	Robinson, William	0.40	\$ 110.00	Reviewing working master namings database and updating code
9/20/2010	Bolian, Zachary	0.50	\$ 127.50	Adjusting matching code to increase match rate by accounting for husband and wife documents.
9/20/2010	Bolian, Zachary	0.60	\$ 153.00	Adding code to spit out QC file in matching
9/20/2010	Bolian, Zachary	0.80	\$ 204.00	QC additional file matches made to resolve husband and wife documentation issues.

9/20/2010	Bolian, Zachary	0.50	\$ 127.50	Reviewed data to determine what scripting changes could improve matching.
9/20/2010	Bolian, Zachary	0.70	\$ 178.50	Wrote matching rule to avoid punctuation issues.
9/20/2010	Morrow, Christopher	0.70	\$ 178.50	Claim file data extraction tool development.
9/20/2010	Morrow, Christopher	0.40	\$ 102.00	Trust offset database development.
9/20/2010	Wieman, Christopher	1.00	\$ 385.00	OCR text files returned from WWD; copied to Summation folders, loaded database records into Summation; started image loading
9/20/2010	Wieman, Christopher	0.60	\$ 231.00	image loading into Summation completed, OCR indexing, Case backup
9/21/2010	Bolian, Zachary	0.60	\$ 153.00	Debugged break in matching script caused by Stata default settings.
9/21/2010	Bolian, Zachary	0.40	\$ 102.00	Reviewed python code that could be used to capture string distance errors to improve
9/21/2010	Bolian, Zachary	0.50	\$ 127.50	Testing new python technique to capture similar names.
9/21/2010	Bolian, Zachary	0.90	\$ 229.50	Debugging python regular expressions used to find similar names.
9/21/2010	Bolian, Zachary	0.20	\$ 51.00	Testing new python code to use for matching.
9/21/2010	Bolian, Zachary	0.50	\$ 127.50	Debugged problem caused by python indentation in match script.
9/21/2010	Bolian, Zachary	0.80	\$ 204.00	Debugging python levenshtein function.
9/21/2010	McDonald, Clay	1.00	\$ 300.00	Uploading data.
9/21/2010	Sendor, David	0.30	\$ 88.50	review difference metrics in defendant Names
9/21/2010	Sendor, David	1.10	\$ 324.50	set up algorithmic searching of first names and last names in PDF file
9/21/2010	Sendor, David	0.80	\$ 236.00	review string difference methods
9/22/2010	Bolian, Zachary	0.70	\$ 178.50	Testing use of python sequence matcher for file matching.
9/22/2010	Bolian, Zachary	1.00	\$ 255.00	Debugged output of levenshtein matching and tested ratio threshold.
9/22/2010	Bolian, Zachary	1.00	\$ 255.00	QC file matching script process.
9/22/2010	Bolian, Zachary	0.70	\$ 178.50	Adjusted match script processing to include new documents and close match analysis.
9/22/2010	Bolian, Zachary	0.20	\$ 51.00	Incorporated new document index in to matching process.
9/22/2010	Bolian, Zachary	1.30	\$ 331.50	Created match scripts to account for last before first naming.
9/22/2010	Bolian, Zachary	1.50	\$ 382.50	Handmatching unmatched documents.
9/22/2010	Bolian, Zachary	0.40	\$ 102.00	Review overmatches and add corrective code.
9/22/2010	Bolian, Zachary	0.50	\$ 127.50	Wrote code to incorporate handmatches and overmatching adjustment.
9/22/2010	Morrow, Christopher	1.90	\$ 484.50	Bankruptcy trust database tool development.
9/22/2010	Morrow, Christopher	1.40	\$ 357.00	Standardizing data for namings analysis.
9/22/2010	Morrow, Christopher	1.10	\$ 280.50	Analyzing data for namings analysis.
9/22/2010	Tang, Kejia	2.40	\$ 612.00	Debugging python code for Levenshtein distance
9/22/2010	Tang, Kejia	0.80	\$ 204.00	Reviewing name matching code
9/22/2010	Tang, Kejia	3.40	\$ 867.00	Handmatching claimant names and id's
9/23/2010	Bolian, Zachary	0.80	\$ 204.00	Planning QC process and merges needed to capture unmatched claimants from request list.
9/23/2010	Bolian, Zachary	0.70	\$ 178.50	Wrote code to analyze unmatched claimants.

9/23/2010	Bolian, Zachary	0.40	\$ 102.00	Wrote code to attempt looser match criteria on unmatched claimants.
9/23/2010	Bolian, Zachary	0.30	\$ 76.50	Review output from matching attempt.
9/23/2010	Bolian, Zachary	1.00	\$ 255.00	Review results of matching and plan next steps.
9/23/2010	Bolian, Zachary	0.40	\$ 102.00	Outlined process to flag sample observations in analysis data.
9/23/2010	Bolian, Zachary	0.70	\$ 178.50	Organizing SQL environment preparation scripts.
9/23/2010	Bolian, Zachary	1.30	\$ 331.50	Adjusting cleaning module to function with SQL environment.
9/23/2010	Morrow, Christopher	1.70	\$ 433.50	Naming probability analysis on historic cases.
9/23/2010	Tang, Kejia	2.30	\$ 586.50	Reviewing matching scripts
9/23/2010	Tang, Kejia	0.80	\$ 204.00	Reviewing GM claims data
9/23/2010	Tang, Kejia	3.20	\$ 816.00	Updating matching scripts
9/24/2010	Bolian, Zachary	1.00	\$ 255.00	Wrote code to perform post match, pre collapse flagging of sample claims.
9/24/2010	Bolian, Zachary	0.50	\$ 127.50	QC of sample claimant flagging code.
9/24/2010	Bolian, Zachary	0.60	\$ 153.00	Organizing post flag code to output sample data
9/24/2010	Bolian, Zachary	1.00	\$ 255.00	Reorganizing the merge script module to function with the SQL environment.
9/24/2010	Bolian, Zachary	0.70	\$ 178.50	Continued to reorganize the merge module scripts to function with the SQL environment.
9/24/2010	Bolian, Zachary	2.00	\$ 510.00	Debugging partial creation of SQL table using create SQL command.
9/24/2010	Bolian, Zachary	0.70	\$ 178.50	Testing changes to create SQL program needed to migrate data process to the SQL environment.
9/24/2010	Tang, Kejia	2.10	\$ 535.50	Writing scripts to prepare sample dataset
9/27/2010	Finn, Adam	0.70	\$ 206.50	reading through 10k for nominal v. NPV future
9/28/2010	Morrow, Christopher	0.60	\$ 153.00	Updating approved bankruptcy trust site list.
9/29/2010	Gallardo-Garcia, Jorge	0.90	\$ 337.50	Review available data for estimation.
9/29/2010	Wieman, Christopher	0.30	\$ 115.50	Compressing PDFs for transfer to OCR vendor; email communication w/OCR vendor
9/30/2010	Huang, Mary	0.50	\$ 127.50	Review reconciliation scripts
9/30/2010	Huang, Mary	0.70	\$ 178.50	Review data processing steps
9/30/2010	Morrow, Christopher	1.20	\$ 306.00	Quality control for naming probability analysis.
9/30/2010	Peters, Sarah	0.80	\$ 204.00	going over case background and analyzing data processing scripts
9/30/2010	Peters, Sarah	0.40	\$ 102.00	reading GM confidentiality agreement

### Expert Time

Date Incurred	Employee	Hours	Professional Fees	Notes
6/1/2010	Bates, Charles	0.60	\$ 510.00	Review email from Morrow and respond to Bentley
6/1/2010	Bates, Charles	0.50	\$ 425.00	Review efforts to get trust claims in tort
6/1/2010	Bates, Charles	0.50	\$ 425.00	Call with Philip Bentley re data and discovery efforts
6/1/2010	Bates, Charles	0.50	\$ 425.00	Project planning
6/2/2010	Bates, Charles	0.50	\$ 425.00	Naming pattern trust report supplementation
6/3/2010	Bates, Charles	1.30	\$ 1,105.00	Work on Naming patters database
6/8/2010	Bates, Charles	0.40	\$ 340.00	Project planning
6/10/2010	Bates, Charles	0.90	\$ 765.00	Analyze claims data
6/10/2010	Bates, Charles	0.80	\$ 680.00	Work on forecasting model
6/10/2010	Bates, Charles	0.80	\$ 680.00	Forecasting analysis
6/11/2010	Bates, Charles	1.00	\$ 850.00	Work on model development
6/14/2010	Bates, Charles	0.50	\$ 425.00	Work on client presentation
6/14/2010	Bates, Charles	0.70	\$ 595.00	Presentation planning
6/15/2010	Bates, Charles	0.40	\$ 340.00	Review naming data
6/15/2010	Bates, Charles	0.50	\$ 425.00	Work on client presentation
6/17/2010	Bates, Charles	0.30	\$ 255.00	Call with Phil Bentley regarding scheduling for the project and an additional request for data.
6/17/2010	Bates, Charles	0.40	\$ 340.00	Work on trust discovery information request
6/17/2010	Bates, Charles	0.70	\$ 595.00	Review of mesothelioma incidence estimation
6/17/2010	Bates, Charles	0.60	\$ 510.00	Work on client presentation
6/28/2010	Bates, Charles	0.80	\$ 680.00	Work on project planning
6/28/2010	Bates, Charles	1.50	\$ 1,275.00	Naming dB review
6/29/2010	Bates, Charles	1.00	\$ 850.00	Work on general model design
6/29/2010	Bates, Charles	1.20	\$ 1,020.00	Work on settlement value analysis re: verdicts
6/29/2010	Bates, Charles	0.90	\$ 765.00	Continued work on settlement value analysis re: verdicts
7/1/2010	Bates, Charles	0.90	\$ 765.00	Work on project planning
7/1/2010	Bates, Charles	2.60	\$ 2,210.00	Status update call with Phil Bentley re case schedule, data discovery, and case strategy
7/6/2010	Bates, Charles	0.50	\$ 425.00	Work on valuation model
7/6/2010	Bates, Charles	1.10	\$ 935.00	Work on model approach
7/7/2010	Bates, Charles	1.00	\$ 850.00	Work on scenario valuation model
7/7/2010	Bates, Charles	1.00	\$ 850.00	Reviewed Master Namings database
7/8/2010	Bates, Charles	0.80	\$ 680.00	Work on data discovery plan
7/9/2010	Bates, Charles	0.90	\$ 765.00	Reviewed matches in the namings data
7/12/2010	Bates, Charles	0.50	\$ 425.00	Work on project planning
7/12/2010	Bates, Charles	0.60	\$ 510.00	Claims data analysis
7/12/2010	Bates, Charles	1.00	\$ 850.00	Work on scenario model
7/13/2010	Bates, Charles	1.50	\$ 1,275.00	Work on namings database
7/14/2010	Bates, Charles	0.90	\$ 765.00	Work on model
7/14/2010	Bates, Charles	0.60	\$ 510.00	Work on data discovery request
7/14/2010	Bates, Charles	0.50	\$ 425.00	Work on claim file sample
7/14/2010	Bates, Charles	0.70	\$ 595.00	Work on model development
7/14/2010	Bates, Charles	0.90	\$ 765.00	Review claims data
7/15/2010	Bates, Charles	0.60	\$ 510.00	Work on model development
7/15/2010	Bates, Charles	1.60	\$ 1,360.00	Work on naming database
7/16/2010	Bates, Charles	1.20	\$ 1,020.00	Review Peterson prior estimation materials
7/16/2010	Bates, Charles	0.50	\$ 425.00	Reviewed namings patterns in the master namings database

7/16/2010	Bates, Charles	1.00	\$ 850.00	Reviewed namings patterns in the master namings database
7/19/2010	Bates, Charles	0.30	\$ 255.00	Project review
7/19/2010	Bates, Charles	0.30	\$ 255.00	Project review
7/19/2010	Bates, Charles	0.80	\$ 680.00	Work on statement of litigation history
7/19/2010	Bates, Charles	0.50	\$ 425.00	Work on statement of litigation history
7/19/2010	Bates, Charles	0.60	\$ 510.00	Work on litigation environment analysis
7/20/2010	Bates, Charles	0.60	\$ 510.00	SEER data review
7/20/2010	Bates, Charles	0.50	\$ 425.00	Work on litigation environment analysis
7/21/2010	Bates, Charles	0.90	\$ 765.00	Work on namings database
7/21/2010	Bates, Charles	0.30	\$ 255.00	Project review
7/21/2010	Bates, Charles	0.50	\$ 425.00	Work on analysis of litigation environment
7/21/2010	Bates, Charles	0.80	\$ 680.00	Analyze namings
7/21/2010	Bates, Charles	1.00	\$ 850.00	Work on statement of litigation history
7/26/2010	Bates, Charles	0.50	\$ 425.00	Work on statement of litigation environment
7/26/2010	Bates, Charles	0.30	\$ 255.00	Prep for call with Phil Bentley
7/26/2010	Bates, Charles	0.70	\$ 595.00	Call with Phil Bentley to provide on update on case strategy and discovery requests
7/26/2010	Bates, Charles	0.30	\$ 255.00	Follow up on call with Bentley
7/26/2010	Bates, Charles	0.60	\$ 510.00	Bondex: Work on model development
7/26/2010	Bates, Charles	0.70	\$ 595.00	Work on analysis of litigation environment
7/26/2010	Bates, Charles	0.40	\$ 340.00	Project review
7/26/2010	Bates, Charles	0.50	\$ 425.00	Work on statement of litigation environment
7/26/2010	Bates, Charles	0.90	\$ 765.00	Work on statement of litigation environment
7/27/2010	Bates, Charles	0.90	\$ 765.00	Work on model development
7/27/2010	Bates, Charles	0.50	\$ 425.00	Work on namings analysis
7/27/2010	Bates, Charles	0.20	\$ 170.00	Review project progress
7/27/2010	Bates, Charles	0.90	\$ 765.00	Work on statement of litigation environment
7/27/2010	Bates, Charles	0.90	\$ 765.00	Work on namings analysis
7/28/2010	Bates, Charles	0.90	\$ 765.00	Work on model development
7/28/2010	Bates, Charles	0.60	\$ 510.00	Work on statement of litigation environment
7/28/2010	Bates, Charles	0.60	\$ 510.00	Begin review of UCC 2004 request
7/28/2010	Bates, Charles	0.90	\$ 765.00	Work on data request
8/2/2010	Bates, Charles	0.80	\$ 680.00	Work on namings database
8/2/2010	Bates, Charles	0.20	\$ 170.00	Start review of 2004 motion
8/2/2010	Bates, Charles	0.80	\$ 680.00	Begin review of Trust objections to 2004 request
8/2/2010	Bates, Charles	0.80	\$ 680.00	Begin review of ACC objections to 2004 request
8/3/2010	Bates, Charles	1.10	\$ 935.00	Review Objections
8/3/2010	Bates, Charles	0.50	\$ 425.00	Preparation time for call with Phil Bentley
8/3/2010	Bates, Charles	1.20	\$ 1,020.00	Call with Phil Bentley re response to rule 2004 objections
8/3/2010	Bates, Charles	0.90	\$ 765.00	Work on response ACC to objections
8/3/2010	Bates, Charles	0.30	\$ 255.00	Work on general model
8/3/2010	Bates, Charles	0.90	\$ 765.00	Work on response Trust to objections
8/4/2010	Bates, Charles	0.60	\$ 510.00	Work on response to ACC objections
8/4/2010	Bates, Charles	0.40	\$ 340.00	Review Mekus declaration
8/4/2010	Bates, Charles	0.90	\$ 765.00	Review Trust objections
8/4/2010	Bates, Charles	0.40	\$ 340.00	Work on response to Trust objections
8/4/2010	Bates, Charles	0.90	\$ 765.00	Work on response ACC to objections
8/5/2010	Bates, Charles	0.40	\$ 340.00	Review project progress
8/5/2010	Bates, Charles	0.70	\$ 595.00	Review of response to 2004 motion objections
8/9/2010	Bates, Charles	0.60	\$ 510.00	Prep for rule 2004 hearing call

8/9/2010	Bates, Charles	1.30	\$ 1,105.00	Attend 2004 discovery hearing by teleconference - respond to counsel requests
8/9/2010	Bates, Charles	1.20	\$ 1,020.00	Attend 2004 discovery hearing by teleconference - respond to counsel request
8/9/2010	Bates, Charles	0.90	\$ 765.00	Attend 2004 discovery hearings by teleconference - respond to counsel request
8/9/2010	Bates, Charles	0.60	\$ 510.00	Work on discovery request
8/10/2010	Bates, Charles	1.00	\$ 850.00	Work on discovery request
8/12/2010	Bates, Charles	0.70	\$ 595.00	Work on discovery issues
8/12/2010	Bates, Charles	0.80	\$ 680.00	Continued work on discovery issues
8/16/2010	Bates, Charles	1.40	\$ 1,190.00	Work on data discovery
8/17/2010	Bates, Charles	0.50	\$ 425.00	Discovery memo
8/18/2010	Bates, Charles	0.50	\$ 425.00	Work on discovery request
8/18/2010	Bates, Charles	0.40	\$ 340.00	Work on estimation methodology
8/18/2010	Bates, Charles	0.30	\$ 255.00	Work on project planning
8/19/2010	Bates, Charles	0.30	\$ 255.00	Work on confidentiality agreement
8/23/2010	Bates, Charles	0.70	\$ 595.00	Project planning
8/26/2010	Bates, Charles	0.90	\$ 765.00	Review claimant data
8/27/2010	Bates, Charles	1.00	\$ 850.00	SSN data review
8/30/2010	Bates, Charles	0.50	\$ 425.00	Review data protocol
8/30/2010	Bates, Charles	0.50	\$ 425.00	Continue to review data protocol
8/31/2010	Bates, Charles	0.50	\$ 425.00	Review data protocol
8/31/2010	Bates, Charles	0.10	\$ 85.00	Review data protocol
9/1/2010	Bates, Charles	0.70	\$ 595.00	Review proposed confidentiality agreement order
9/2/2010	Bates, Charles	0.50	\$ 425.00	Work on data discovery protocol
9/7/2010	Bates, Charles	1.10	\$ 935.00	Work on data discovery protocol
9/7/2010	Bates, Charles	1.00	\$ 850.00	Review data protocol
9/8/2010	Bates, Charles	0.40	\$ 340.00	Work on data protocol
9/9/2010	Bates, Charles	0.50	\$ 425.00	Review of proposed protocol response
9/10/2010	Bates, Charles	0.50	\$ 425.00	Work on data protocol
9/13/2010	Bates, Charles	0.70	\$ 595.00	Continued on data protocol
9/13/2010	Bates, Charles	0.50	\$ 425.00	Continued work on data protocol
9/14/2010	Bates, Charles	1.10	\$ 935.00	Continued work on data protocol
9/15/2010	Bates, Charles	0.70	\$ 595.00	Continued work on data protocol
9/17/2010	Bates, Charles	1.00	\$ 850.00	Continued work on data protocol
9/19/2010	Bates, Charles	0.50	\$ 425.00	Continued work on data protocol
9/19/2010	Bates, Charles	1.30	\$ 1,105.00	Review ACC letter to Gerber
9/20/2010	Bates, Charles	1.10	\$ 935.00	Review response to ACC proposals
9/20/2010	Bates, Charles	0.40	\$ 340.00	Project planning
9/21/2010	Bates, Charles	0.50	\$ 425.00	Review response to ACC letter
9/21/2010	Bates, Charles	1.00	\$ 850.00	Review response to ACC
9/27/2010	Bates, Charles	0.30	\$ 255.00	Review time records
9/27/2010	Bates, Charles	0.70	\$ 595.00	Analyze estimation data requirements
9/27/2010	Bates, Charles	1.30	\$ 1,105.00	Work on estimation method
9/28/2010	Bates, Charles	1.50	\$ 1,275.00	Continued work on estimation method
9/29/2010	Bates, Charles	0.70	\$ 595.00	Review data requirements
9/29/2010	Bates, Charles	0.60	\$ 510.00	Work on naming estimation approach
9/29/2010	Bates, Charles	0.40	\$ 340.00	Work on project plan
9/29/2010	Bates, Charles	0.90	\$ 765.00	Work on meso claim value estimation
9/29/2010	Bates, Charles	0.90	\$ 765.00	Continued work on meso claim value estimation
9/29/2010	Bates, Charles	1.70	\$ 1,445.00	Review claims data
9/30/2010	Bates, Charles	0.30	\$ 255.00	Review proposed case timeline



9/30/2010	Bates, Charles	0.50	\$ 425.00	Being review of FCR claim sample
9/30/2010	Bates, Charles	0.70	\$ 595.00	Work on expert opinion
9/30/2010	Bates, Charles	1.00	\$ 850.00	Review work plan
9/30/2010	Bates, Charles	1.00	\$ 850.00	Continue review of FCR claim sample
9/30/2010	Bates, Charles	0.50	\$ 425.00	Analyze estimation data requirements

### Project Management

Date Incurred	Employee	Hours	Professional Fees	Notes
6/4/2010	Grinberg, Rachel	0.50	\$ 197.50	reviewed budget
6/10/2010	Grinberg, Rachel	1.00	\$ 395.00	worked on May billing and budgeting
6/17/2010	Grinberg, Rachel	0.60	\$ 237.00	review of May billing
6/18/2010	Grinberg, Rachel	0.40	\$ 158.00	reviewed May billing
6/24/2010	Grinberg, Rachel	1.30	\$ 513.50	reviewed May budget and invoice
6/28/2010	Grinberg, Rachel	0.10	\$ 39.50	scheduled update call
7/9/2010	Grinberg, Rachel	0.50	\$ 197.50	reviewed May invoices
7/12/2010	Grinberg, Rachel	0.40	\$ 158.00	reviewed May invoice
7/12/2010	Johnson, Samantha	0.20	\$ 65.00	worked on May Motors invoice
7/27/2010	Grinberg, Rachel	1.50	\$ 592.50	worked on June invoice
8/5/2010	Grinberg, Rachel	1.30	\$ 513.50	worked on project budget
8/6/2010	Grinberg, Rachel	0.70	\$ 276.50	worked on project budget
8/6/2010	Grinberg, Rachel	0.70	\$ 276.50	worked on June invoice
8/10/2010	Grinberg, Rachel	0.50	\$ 197.50	worked on budget
8/11/2010	Evans, Andrew	0.30	\$ 127.50	OC and other BK budget data for Motors management team
8/11/2010	Evans, Andrew	0.10	\$ 42.50	Response on additional OC budget info for use in Motors
8/11/2010	Grinberg, Rachel	0.50	\$ 197.50	worked on budget
8/12/2010	Grinberg, Rachel	1.20	\$ 474.00	worked on hourly break down of the budget
8/14/2010	Grinberg, Rachel	0.50	\$ 197.50	preparation for call with Phil Bentley re budget
8/20/2010	Grinberg, Rachel	0.70	\$ 276.50	worked on July invoice
8/24/2010	Grinberg, Rachel	0.20	\$ 79.00	worked on June invoice
8/24/2010	Grinberg, Rachel	0.10	\$ 39.50	June invoice review
8/24/2010	Grinberg, Rachel	0.40	\$ 158.00	continued June invoice review
9/3/2010	Grinberg, Rachel	1.20	\$ 474.00	worked on July invoice
9/3/2010	Grinberg, Rachel	0.30	\$ 118.50	approved July invoice
9/13/2010	Grinberg, Rachel	0.50	\$ 197.50	worked on confidentiality protocol to grant access
9/21/2010	Grinberg, Rachel	0.30	\$ 118.50	worked on August invoice
9/24/2010	Grinberg, Rachel	0.50	\$ 197.50	overview on August invoice

Research				
Date Incurred	Employee	Hours	Professional Fees	Notes
6/2/2010	Kelso, Peter	4.00	\$ 1,500.00	Compilation of memo and timeline of all trust related efforts by codefendants and others in bankruptcy cases, state tort cases, legislative initiatives, case management orders and conferences - document retrieval of all relevant documents to cite and expand memo
6/10/2010	Morrow, Christopher	2.40	\$ 612.00	Continued testing of security features and options for trust offset tool.
6/11/2010	Morrow, Christopher	0.40	\$ 102.00	Reviewing trust offset analysis case upload.
6/14/2010	Morrow, Christopher	0.70	\$ 178.50	Approved site list update for trust offset analysis.
6/14/2010	Morrow, Christopher	0.80	\$ 204.00	Continued approved site list update for trust offset analysis.
6/14/2010	Morrow, Christopher	1.50	\$ 382.50	Updating approved site lists for trust offset analysis.
6/15/2010	Morrow, Christopher	2.00	\$ 510.00	Updating standardized site list for trust offset analysis.
6/15/2010	Morrow, Christopher	1.20	\$ 306.00	Quality control check of site list update for trust offset analysis.
6/15/2010	Morrow, Christopher	1.00	\$ 255.00	Researching recently confirmed trusts for trust offset analysis.
6/16/2010	Morrow, Christopher	1.30	\$ 331.50	Implementing updated site list into trust offset tool.
6/16/2010	Morrow, Christopher	1.10	\$ 280.50	Quality control check of data upload.
6/16/2010	Morrow, Christopher	1.30	\$ 331.50	Researching trust locations.
6/18/2010	Morrow, Christopher	1.10	\$ 280.50	Analysis and data entry of cases naming Motors in trust offset tool.
6/23/2010	Morrow, Christopher	1.60	\$ 408.00	Analyzing and entering cases naming GM products for trust offset analysis.
6/24/2010	Morrow, Christopher	1.00	\$ 255.00	Quality control check of cases naming GM products in trust offset tool.
6/24/2010	Scarcella, Marc	1.50	\$ 592.50	Review of bankruptcy trust assets for data discovery support
6/25/2010	Johnson, Samantha	0.40	\$ 130.00	review of Joint and Several for particular States
6/25/2010	Johnson, Samantha	1.40	\$ 455.00	retrieving source information for joint and several
6/25/2010	Scarcella, Marc	0.50	\$ 197.50	Bankruptcy trust settlement and asset data review
6/28/2010	Johnson, Samantha	0.60	\$ 195.00	update to legal environment reports for joint and several
6/28/2010	Johnson, Samantha	1.80	\$ 585.00	joint and several research for KY, MA, and WV (verifying information)
6/28/2010	Johnson, Samantha	0.60	\$ 195.00	review of joint and several laws for specific states

6/28/2010	Kelso, Peter	1.30	\$ 487.50	NYC case management order research and affect on cases currently going through that docket regarding trust submissions since 2003 - other CMO's related to trust issue; presentation materials related to trust issue from Perrin Conferences Feb. 2010 emerging trends conference and presentations from June 2010
6/28/2010	Morrow, Christopher	1.20	\$ 306.00	Entering data and running trust offset analysis on cases citing exposure to GM products.
6/29/2010	Johnson, Samantha	1.60	\$ 520.00	joint and several research for specific states
6/29/2010	Johnson, Samantha	1.20	\$ 390.00	confirming sources for joint and several
6/29/2010	Morrow, Christopher	0.50	\$ 127.50	Reviewing case analysis where General Motors products are named.
6/29/2010	Morrow, Christopher	1.10	\$ 280.50	Entering data and reviewing case analyses where General Motors products are named.
6/30/2010	Evans, Andrew	0.30	\$ 127.50	Information on friction rulings and referral information for experts with more detailed info on
7/1/2010	Brown, Michael	0.20	\$ 90.00	look into friction epidemiology
7/1/2010	Johnson, Samantha	1.40	\$ 455.00	quick search of in-house material for brake defendant information
7/2/2010	Kelso, Peter	1.00	\$ 375.00	Other attorneys from Ford and friction defendants for GM to speak with regarding asbestos litigation and tort experience - in-house and NCC
7/2/2010	Morrow, Christopher	1.60	\$ 408.00	Document review of case where plaintiff alleges exposure from General Motors.
7/14/2010	Sendor, David	0.30	\$ 88.50	review data for evaluation of the proper discount rate for GM
7/14/2010	Sendor, David	0.70	\$ 206.50	Evaluation of the proper discount rate
7/14/2010	Tang, Kejia	0.50	\$ 127.50	Planning research for the evaluation of the proper discount rate for GM
7/14/2010	Tang, Kejia	3.00	\$ 765.00	Research on the evaluation of the proper discount rate for GM
7/14/2010	Tang, Kejia	0.80	\$ 204.00	Reviewing research on the proper discount rate
7/15/2010	Tang, Kejia	2.30	\$ 586.50	Researching proper discount rate for GM
7/15/2010	Tang, Kejia	0.40	\$ 102.00	Planning next steps in evaluating GM discount
7/15/2010	Tang, Kejia	1.00	\$ 255.00	Researching background info for evaluating GM discount rate
7/15/2010	Tang, Kejia	1.50	\$ 382.50	Doing analysis for evaluating GM discount rate
7/15/2010	Tang, Kejia	1.00	\$ 255.00	Planning next steps in evaluating GM discount
7/15/2010	Tang, Kejia	2.00	\$ 510.00	Research and planning to find GM discount rate
7/16/2010	Karki, Saurav	1.00	\$ 295.00	Research GM bond yields data
7/16/2010	Karki, Saurav	1.00	\$ 295.00	Review GM CDS data
7/16/2010	Karki, Saurav	0.50	\$ 147.50	Review GM CDS data items
7/16/2010	Sendor, David	1.00	\$ 295.00	review CDS and bond spreads
7/16/2010	Tang, Kejia	1.00	\$ 255.00	Cleaning and planning research on GM discount
7/16/2010	Tang, Kejia	3.00	\$ 765.00	Continued research on GM discount rate
7/16/2010	Tang, Kejia	2.50	\$ 637.50	Further research on proper GM discount rate
7/16/2010	Tang, Kejia	2.00	\$ 510.00	Continued research on GM discount rate
7/16/2010	Tang, Kejia	0.30	\$ 76.50	Reviewing research on GM discount rate
7/16/2010	Tang, Kejia	1.00	\$ 255.00	Cleaning and reviewing research on GM discount

7/16/2010	Tang, Kejia	1.50	\$ 382.50	Cleaning and preparing research on GM discount
7/19/2010	Sendor, David	1.00	\$ 295.00	reviewed GM payment analysis
7/19/2010	Sendor, David	0.70	\$ 206.50	prepare effects of movement analysis
7/19/2010	Sendor, David	0.90	\$ 265.50	gather 10-K information
7/19/2010	Sendor, David	1.20	\$ 354.00	review and analyze interest rates in GM 10-Ks
7/19/2010	Sendor, David	0.80	\$ 236.00	analyze Interest rate movements
7/19/2010	Tang, Kejia	3.50	\$ 892.50	Preparing research on GM discount rate
7/19/2010	Tang, Kejia	1.10	\$ 280.50	Planning next steps for evaluating GM discount
7/19/2010	Tang, Kejia	3.40	\$ 867.00	Cleaning and organizing research on GM
7/19/2010	Tang, Kejia	2.00	\$ 510.00	Continued organizing of research on GM
7/20/2010	Sendor, David	0.40	\$ 118.00	analyzed discounting effects
7/20/2010	Sendor, David	1.30	\$ 383.50	analyze movement of discount trends
7/20/2010	Sendor, David	0.80	\$ 236.00	analyze discount analysis graphs
7/20/2010	Sendor, David	1.90	\$ 560.50	prepared regression analysis of discount rates
7/20/2010	Tang, Kejia	1.50	\$ 382.50	Cleaning and organizing research for evaluating GM discount rate
7/20/2010	Tang, Kejia	2.00	\$ 510.00	Further research on evaluating GM discount rate
7/20/2010	Tang, Kejia	3.00	\$ 765.00	Continued research on GM discount rate
7/20/2010	Tang, Kejia	2.60	\$ 663.00	Continued research and review of GM discount rate evaluation
7/21/2010	Sendor, David	1.00	\$ 295.00	prepare discount data memo
7/21/2010	Sendor, David	1.20	\$ 354.00	prepare analysis of Interest rates
7/21/2010	Sendor, David	0.70	\$ 206.50	review and QC discount analysis data
7/21/2010	Tang, Kejia	3.70	\$ 943.50	Organizing research on GM discount rate
7/21/2010	Tang, Kejia	3.80	\$ 969.00	Formatting research on GM discount rate
7/21/2010	Tang, Kejia	1.10	\$ 280.50	Further research on GM discount rate
7/22/2010	Sendor, David	0.80	\$ 236.00	reviewed 1 year bond data
7/22/2010	Sendor, David	1.10	\$ 324.50	analyze effects of bond movements
7/22/2010	Sendor, David	0.80	\$ 236.00	organize discount rate data
7/22/2010	Tang, Kejia	3.50	\$ 892.50	Organizing research on GM discount rate
7/22/2010	Tang, Kejia	1.90	\$ 484.50	Researched GM discount rate evaluation
7/22/2010	Tang, Kejia	2.50	\$ 637.50	Further research of GM discount rate info
7/22/2010	Tang, Kejia	1.40	\$ 357.00	Further research on GM discount rate
7/23/2010	Sendor, David	0.40	\$ 118.00	prepared data to compare discount rates to
7/23/2010	Sendor, David	0.60	\$ 177.00	analyze discounting data
7/23/2010	Sendor, David	1.10	\$ 324.50	review discounting analysis
7/23/2010	Sendor, David	0.80	\$ 236.00	develop theoretical model for discounting
7/23/2010	Tang, Kejia	2.80	\$ 714.00	Research on evaluating GM's discount rate
7/23/2010	Tang, Kejia	2.90	\$ 739.50	Continued research on evaluating GM discount
7/23/2010	Tang, Kejia	2.30	\$ 586.50	Organization and review of GM discount rate
7/26/2010	Morrow, Christopher	1.20	\$ 306.00	Form development in Bankruptcy database.
7/26/2010	Morrow, Christopher	1.40	\$ 357.00	Continued form development in Bankruptcy
7/26/2010	Sendor, David	1.00	\$ 295.00	analyze bond theory effects
7/26/2010	Sendor, David	0.70	\$ 206.50	review analysis results
7/26/2010	Sendor, David	1.90	\$ 560.50	review Bloomberg results
7/26/2010	Tang, Kejia	0.50	\$ 127.50	Organizing research on GM discount rate
7/26/2010	Tang, Kejia	1.20	\$ 306.00	Reviewing research on GM discount rate
7/26/2010	Tang, Kejia	1.50	\$ 382.50	Planning for new research on GM discount rate
7/26/2010	Tang, Kejia	2.00	\$ 510.00	Research on GM discount rate
7/26/2010	Tang, Kejia	3.00	\$ 765.00	Further research on GM discount rate
7/26/2010	Tang, Kejia	1.00	\$ 255.00	Organizing research on GM discount rate
7/27/2010	Morrow, Christopher	1.60	\$ 408.00	Research on claimant priority in bankruptcies.

7/27/2010	Sendor, David	1.40	\$ 413.00	prepared memo describing analysis
7/27/2010	Sendor, David	1.20	\$ 354.00	QC analysis
7/27/2010	Sendor, David	1.00	\$ 295.00	prepare memo of background
7/27/2010	Tang, Kejia	0.30	\$ 76.50	Reviewing GM discount rate research
7/27/2010	Tang, Kejia	3.50	\$ 892.50	Reviewing GM discount rate research
7/27/2010	Tang, Kejia	2.50	\$ 637.50	Cleaning GM discount rate research
7/27/2010	Tang, Kejia	3.20	\$ 816.00	Organizing GM discount rate research
7/27/2010	Tang, Kejia	1.00	\$ 255.00	Planning future research on GM discount rate
7/27/2010	Tang, Kejia	1.70	\$ 433.50	Further research on GM discount rate
7/28/2010	Morrow, Christopher	2.00	\$ 510.00	Compiling list of largest industrial sites in America for trust offset tool site standardization.
7/28/2010	Morrow, Christopher	1.40	\$ 357.00	Standardizing industrial site list by city and state.
7/28/2010	Sendor, David	1.30	\$ 383.50	review default rate presentation
7/28/2010	Sendor, David	1.00	\$ 295.00	prepared analysis of case matter type
7/28/2010	Sendor, David	0.90	\$ 265.50	research Bond information on Datastream
7/28/2010	Sendor, David	0.80	\$ 236.00	compiled default data
7/28/2010	Sendor, David	0.60	\$ 177.00	document discount data
7/28/2010	Tang, Kejia	1.00	\$ 255.00	Organizing research on GM discount rate
7/28/2010	Tang, Kejia	1.20	\$ 306.00	Reviewing research on GM discount rate and planning next steps
7/28/2010	Tang, Kejia	2.50	\$ 637.50	Continued research on GM discount rate
7/28/2010	Tang, Kejia	2.10	\$ 535.50	Organizing of research on GM discount rate
7/28/2010	Tang, Kejia	1.30	\$ 331.50	Continued organizing of GM discount rate
7/29/2010	Chung, Daniel	0.70	\$ 112.00	Researching data to be used to match different regions on industrial composition
7/29/2010	Morrow, Christopher	1.60	\$ 408.00	Documenting trust payment percentages over
7/29/2010	Morrow, Christopher	0.90	\$ 229.50	Continued implementing historic payment percentages into bankruptcy database.
7/29/2010	Morrow, Christopher	0.40	\$ 102.00	Implementing payment percentage over time analysis into trust offset tool.
7/29/2010	Sendor, David	1.30	\$ 383.50	analyzed 1 year bond information
7/29/2010	Tang, Kejia	3.20	\$ 816.00	Cleaning and organizing GM discount rate
7/29/2010	Tang, Kejia	2.50	\$ 637.50	Continued research on GM discount rate
7/29/2010	Tang, Kejia	2.00	\$ 510.00	Continued organizing of research on GM
7/30/2010	Ban, Andra	4.00	\$ 1,300.00	Identify asbestos containing products for different defendants
7/30/2010	Sendor, David	0.80	\$ 236.00	review analysis and documentation of discounts
7/30/2010	Sendor, David	0.50	\$ 147.50	review code for updating discounts
7/30/2010	Tang, Kejia	3.50	\$ 892.50	Organizing research on GM discount rate
7/30/2010	Tang, Kejia	3.70	\$ 943.50	Cleaning and organizing research on GM
8/2/2010	Tang, Kejia	2.50	\$ 637.50	Reviewing research on GM discount rate
8/2/2010	Tang, Kejia	1.00	\$ 255.00	Continued review of research on GM discount
8/2/2010	Tang, Kejia	1.10	\$ 280.50	Cleaning and organizing research on GM
8/3/2010	Ban, Andra	2.00	\$ 650.00	Find SIC Group codes corresponding to the SIC
8/3/2010	Ban, Andra	2.00	\$ 650.00	Continue to find SIC Group codes corresponding to the SIC codes
8/3/2010	Bolian, Zachary	2.00	\$ 510.00	Researched and downloaded files and relevant webpages from DE trusts.
8/3/2010	Kelso, Peter	1.50	\$ 562.50	Research on underlying case information for lead plaintiffs - search of Madison County and other dockets for case information; data to send to Foreman Perry to conduct search

8/3/2010	Sendor, David	0.60	\$ 177.00	prepare trust discovery research
8/3/2010	Sendor, David	0.80	\$ 236.00	review trust discovery claim forms
8/4/2010	Bolian, Zachary	0.40	\$ 102.00	Review verdict sources and references.
8/4/2010	Bolian, Zachary	2.00	\$ 510.00	Review documents and databases for information regarding verdicts involving GM.
8/4/2010	Bolian, Zachary	0.80	\$ 204.00	Continued reviewing documents and databases for information regarding verdicts involving GM.
8/4/2010	Bolian, Zachary	1.30	\$ 331.50	Constructed summary document with information about verdicts involving GM.
8/4/2010	Sendor, David	0.30	\$ 88.50	trust data storage research
8/5/2010	Bolian, Zachary	1.20	\$ 306.00	Searched for GM related verdicts in less aggregated source documents.
8/5/2010	Bolian, Zachary	1.30	\$ 331.50	Continued search for GM related verdicts in desegregated resources.
8/5/2010	Bolian, Zachary	0.50	\$ 127.50	Added additional verdicts to summary document.
8/5/2010	Bolian, Zachary	1.20	\$ 306.00	Researching addresses related to DE claims processing.
8/5/2010	Bolian, Zachary	1.10	\$ 280.50	Continued researching addresses related to DE claims processing facility.
8/5/2010	Morrow, Christopher	1.50	\$ 382.50	Researching claim processing procedures and methods.
8/5/2010	Sendor, David	0.80	\$ 236.00	analyze locations of trusts
8/6/2010	Kelso, Peter	1.00	\$ 375.00	Creation of retention letter language with Foreman Perry to run lead claimants through the LitScoop database for matches to asbestos and other causes of action
8/6/2010	Morrow, Christopher	0.50	\$ 127.50	Updating bankruptcy trust database.
8/9/2010	Kelso, Peter	3.00	\$ 1,125.00	Compilation of documents from bankruptcy cases in which Mark Peterson, Debtors and Futures Representatives have publicly published current and future asbestos forecasts as part of estimation proceedings in the Chapter 11 cases
8/9/2010	Morrow, Christopher	0.60	\$ 153.00	Updating asbestos bankruptcy trust asset information in bankruptcy database.
8/11/2010	Morrow, Christopher	0.70	\$ 178.50	Researching active trust claim processing
8/11/2010	Morrow, Christopher	0.40	\$ 102.00	Researching confirmed trust updates.
8/12/2010	Morrow, Christopher	1.10	\$ 280.50	Updating 10-K asbestos data for solvent
8/12/2010	Morrow, Christopher	0.40	\$ 102.00	Continued updating asbestos 10K data in bankruptcy database.
8/13/2010	Morrow, Christopher	1.10	\$ 280.50	Updating asbestos 10-K information from solvent asbestos defendants.
8/16/2010	Morrow, Christopher	1.00	\$ 255.00	Asbestos product research for master database.
8/17/2010	Morrow, Christopher	0.80	\$ 204.00	Updating publicly available asbestos liability
8/17/2010	Morrow, Christopher	0.60	\$ 153.00	Asbestos products research for master products database.
8/17/2010	Morrow, Christopher	0.60	\$ 153.00	Updating asbestos bankruptcy database.
8/19/2010	Ban, Andra	3.00	\$ 975.00	Research Types of Asbestos
8/23/2010	Ban, Andra	3.30	\$ 1,072.50	Research Industry Occupation Matrix
8/23/2010	Morrow, Christopher	1.20	\$ 306.00	Solvent manufacturer product form development in bankruptcy database.
8/24/2010	Morrow, Christopher	1.00	\$ 255.00	Researching and pulling publicly available asbestos litigation data.

8/24/2010	Morrow, Christopher	0.80	\$ 204.00	Form development for trust offset tool.
8/25/2010	Morrow, Christopher	0.60	\$ 153.00	Aggregating analytic summary of publicly available 10K asbestos data updated through
8/27/2010	Ban, Andra	3.00	\$ 975.00	Research level of toxicity for different A/C
8/27/2010	Morrow, Christopher	0.60	\$ 153.00	Form development bankruptcy trust database.
8/30/2010	Ban, Andra	2.30	\$ 747.50	Research refractory products uses for products
9/20/2010	Kelso, Peter	1.00	\$ 375.00	Dr. Mark Peterson FAIR Act statements and list of all appearances and submissions; compilation of a list of all asbestos-related bankruptcy cases that Peterson has appeared in; location of Peterson CV with additional information
9/27/2010	Morrow, Christopher	1.30	\$ 331.50	Updating bankruptcy trust database information.
9/27/2010	Morrow, Christopher	1.00	\$ 255.00	Researching publicly available bankruptcy expert reports.
9/28/2010	Morrow, Christopher	1.50	\$ 382.50	Researching assets of recently confirmed bankruptcy trusts.
9/29/2010	Morrow, Christopher	1.00	\$ 255.00	Researching liability reports for past asbestos bankruptcies.



### Time Review

Date Incurred	Employee	Hours	Professional Fees	Notes
6/1/2010	Bates, Charles	0.20	\$ 85.00	Review time records
6/1/2010	Johnson, Samantha	0.70	\$ 113.75	reviewing time records to ensure compliance with bankruptcy standards
6/2/2010	Johnson, Samantha	0.30	\$ 48.75	check of extra time records for compliance
6/7/2010	Grinberg, Rachel	0.50	\$ 98.75	reviewed time and budget
6/7/2010	Johnson, Samantha	0.50	\$ 81.25	reviewing time records to ensure bankruptcy compliance
6/10/2010	Bates, Charles	0.20	\$ 85.00	Timekeeping records
6/14/2010	Johnson, Samantha	0.60	\$ 97.50	checking time records for bankruptcy court standard compliance
6/21/2010	Johnson, Samantha	0.70	\$ 113.75	review of time records from last week to ensure bankruptcy time keeping compliance
6/28/2010	Johnson, Samantha	0.50	\$ 81.25	review of last week's time record to ensure bankruptcy time keeping compliance
7/2/2010	Johnson, Samantha	0.40	\$ 65.00	reviewing time records for bankruptcy compliance - holiday schedule
7/9/2010	Bates, Charles	0.20	\$ 85.00	Review time records
7/12/2010	Johnson, Samantha	0.50	\$ 81.25	reviw of time records from previous week to ensure bankruptcy protocol compliance
7/14/2010	Bates, Charles	0.30	\$ 127.50	Review time records
7/15/2010	Bates, Charles	0.50	\$ 212.50	Review time records
7/16/2010	Grinberg, Rachel	0.80	\$ 158.00	reviewed June time and budget
7/19/2010	Johnson, Samantha	0.70	\$ 113.75	review of last week's time records for bankruptcy compliance
7/21/2010	Bates, Charles	0.20	\$ 85.00	Review of time records
7/26/2010	Johnson, Samantha	0.60	\$ 97.50	review time records for bankruptcy compliance
8/2/2010	Bates, Charles	0.20	\$ 85.00	Review time records
8/2/2010	Johnson, Samantha	0.60	\$ 97.50	review of time for bankruptcy compliance
8/3/2010	Johnson, Samantha	0.40	\$ 65.00	time pull/check for June invoice approval
8/9/2010	Bates, Charles	0.20	\$ 85.00	Review time records for previous week
8/9/2010	Johnson, Samantha	0.60	\$ 97.50	review time records for bankruptcy compliance
8/16/2010	Bates, Charles	0.10	\$ 42.50	Review time records
8/16/2010	Johnson, Samantha	0.40	\$ 65.00	check time records for bankruptcy compliance
8/23/2010	Johnson, Samantha	0.50	\$ 81.25	review of time records for bankruptcy compliance
8/30/2010	Johnson, Samantha	0.30	\$ 48.75	review of time records for bankruptcy compliance
9/3/2010	Johnson, Samantha	0.20	\$ 32.50	review time records for bankruptcy compliance
9/9/2010	Bates, Charles	0.70	\$ 297.50	Review time records
9/13/2010	Johnson, Samantha	0.40	\$ 65.00	review of time records for bankruptcy compliance
9/20/2010	Bates, Charles	0.30	\$ 127.50	Review time records
9/20/2010	Johnson, Samantha	0.30	\$ 48.75	review of time records for bankruptcy compliance
9/22/2010	Johnson, Samantha	0.80	\$ 130.00	review of time records for monthly invoice

**EXHIBIT D-3**

**Summary of Time by Time Category and Employee**

Employee	Subcategory	Hours	Professional Fees
An, Weifang	Data Gathering & Processing	17.10	\$ 2,736.00
<b>An, Weifang Total</b>		<b>17.10</b>	<b>\$ 2,736.00</b>
Ban, Andra	Data Gathering & Processing	188.00	\$ 61,100.00
	Research	19.60	\$ 6,370.00
<b>Ban, Andra Total</b>		<b>207.60</b>	<b>\$ 67,470.00</b>
Bates, Charles	Expert Time	109.60	\$ 93,160.00
	Applications	0.80	\$ 680.00
	Time Review	3.10	\$ 1,317.50
	Client Communication	0.00	\$ -
<b>Bates, Charles Total</b>		<b>113.50</b>	<b>\$ 95,157.50</b>
Bolian, Zachary	Data Gathering & Processing	168.80	\$ 43,044.00
	Analysis	278.00	\$ 70,890.00
	Consulting	0.60	\$ 153.00
	Research	11.80	\$ 3,009.00
<b>Bolian, Zachary Total</b>		<b>459.20</b>	<b>\$ 117,096.00</b>
Brown, Michael	Data Gathering & Processing	0.40	\$ 180.00
	Analysis	0.80	\$ 360.00
	Research	0.20	\$ 90.00
<b>Brown, Michael Total</b>		<b>1.40</b>	<b>\$ 630.00</b>
Chung, Daniel	Data Gathering & Processing	55.10	\$ 8,816.00
	Analysis	1.00	\$ 160.00
	Research	0.70	\$ 112.00
<b>Chung, Daniel Total</b>		<b>56.80</b>	<b>\$ 9,088.00</b>
Evans, Andrew	Data Gathering & Processing	0.70	\$ 297.50
	Analysis	9.80	\$ 4,165.00
	Consulting	14.10	\$ 5,992.50
	Research	0.30	\$ 127.50
	Project management	0.40	\$ 170.00
<b>Evans, Andrew Total</b>		<b>25.30</b>	<b>\$ 10,752.50</b>
Finn, Adam	Data Gathering & Processing	0.70	\$ 206.50
	Analysis	47.80	\$ 14,101.00
<b>Finn, Adam Total</b>		<b>48.50</b>	<b>\$ 14,307.50</b>
Gallardo-Garcia, Jorge	Data Gathering & Processing	128.40	\$ 48,150.00
	Analysis	9.90	\$ 3,712.50
	Consulting	5.10	\$ 1,912.50
<b>Gallardo-Garcia, Jorge Total</b>		<b>143.40</b>	<b>\$ 53,775.00</b>
Gerhardt, William	Data Gathering & Processing	38.90	\$ 6,224.00
	Analysis	6.40	\$ 1,024.00
<b>Gerhardt, William Total</b>		<b>45.30</b>	<b>\$ 7,248.00</b>
Grinberg, Rachel	Data Gathering & Processing	51.80	\$ 20,461.00
	Analysis	175.90	\$ 69,480.50
	Consulting	232.50	\$ 91,837.50
	Project management	15.90	\$ 6,280.50
	Applications	6.70	\$ 2,646.50
	Time Review	1.30	\$ 256.75
<b>Grinberg, Rachel Total</b>		<b>484.10</b>	<b>\$ 190,962.75</b>
Huang, Mary	Data Gathering & Processing	34.40	\$ 8,772.00
<b>Huang, Mary Total</b>		<b>34.40</b>	<b>\$ 8,772.00</b>

Johnson, Samantha	Data Gathering & Processing	26.30	\$ 8,547.50
	Analysis	2.10	\$ 682.50
	Consulting	14.30	\$ 4,647.50
	Research	9.00	\$ 2,925.00
	Project management	0.20	\$ 65.00
	Applications	1.80	\$ 585.00
	Time Review	10.00	\$ 1,625.00
<b>Johnson, Samantha Total</b>		<b>63.70</b>	<b>\$ 19,077.50</b>
Karki, Saurav	Data Gathering & Processing	15.60	\$ 4,602.00
	Consulting	0.50	\$ 147.50
	Research	2.50	\$ 737.50
<b>Karki, Saurav Total</b>		<b>18.60</b>	<b>\$ 5,487.00</b>
Kelso, Peter	Research	12.80	\$ 4,800.00
<b>Kelso, Peter Total</b>		<b>12.80</b>	<b>\$ 4,800.00</b>
McDonald, Clay	Data Gathering & Processing	9.40	\$ 2,820.00
<b>McDonald, Clay Total</b>		<b>9.40</b>	<b>\$ 2,820.00</b>
Metz, David	Data Gathering & Processing	79.00	\$ 23,305.00
<b>Metz, David Total</b>		<b>79.00</b>	<b>\$ 23,305.00</b>
Mital, Karna	Data Gathering & Processing	92.40	\$ 14,784.00
	Analysis	1.90	\$ 304.00
<b>Mital, Karna Total</b>		<b>94.30</b>	<b>\$ 15,088.00</b>
Morrow, Christopher	Data Gathering & Processing	65.90	\$ 16,804.50
	Analysis	43.50	\$ 11,092.50
	Research	50.60	\$ 12,903.00
<b>Morrow, Christopher Total</b>		<b>160.00</b>	<b>\$ 40,800.00</b>
Mullin, Charles	Analysis	13.90	\$ 8,687.50
	Consulting	47.10	\$ 29,437.50
<b>Mullin, Charles Total</b>		<b>61.00</b>	<b>\$ 38,125.00</b>
Peters, Sarah	Data Gathering & Processing	1.20	\$ 306.00
<b>Peters, Sarah Total</b>		<b>1.20</b>	<b>\$ 306.00</b>
Robinson, William	Data Gathering & Processing	267.90	\$ 73,672.50
	Analysis	55.70	\$ 15,317.50
<b>Robinson, William Total</b>		<b>323.60</b>	<b>\$ 88,990.00</b>
Scarcella, Marc	Data Gathering & Processing	2.00	\$ 790.00
	Analysis	47.00	\$ 18,565.00
	Consulting	1.00	\$ 395.00
	Research	2.00	\$ 790.00
<b>Scarcella, Marc Total</b>		<b>52.00</b>	<b>\$ 20,540.00</b>
Sendor, David	Data Gathering & Processing	32.90	\$ 9,705.50
	Analysis	11.30	\$ 3,333.50
	Research	36.40	\$ 10,738.00
<b>Sendor, David Total</b>		<b>80.60</b>	<b>\$ 23,777.00</b>
Snow, Karl	Analysis	1.50	\$ 750.00
<b>Snow, Karl Total</b>		<b>1.50</b>	<b>\$ 750.00</b>
Stephens, Bryce	Analysis	1.00	\$ 375.00
<b>Stephens, Bryce Total</b>		<b>1.00</b>	<b>\$ 375.00</b>
Tang, Kejia	Data Gathering & Processing	17.00	\$ 4,335.00
	Research	117.80	\$ 30,039.00
<b>Tang, Kejia Total</b>		<b>134.80</b>	<b>\$ 34,374.00</b>
Wallace, Noah	Data Gathering & Processing	4.20	\$ 1,890.00
	Analysis	10.10	\$ 4,545.00
<b>Wallace, Noah Total</b>		<b>14.30</b>	<b>\$ 6,435.00</b>

White, Michael	Data Gathering & Processing	2.20	\$ 660.00
<b>White, Michael Total</b>		<b>2.20</b>	<b>\$ 660.00</b>
Wieman, Christopher	Data Gathering & Processing	5.30	\$ 2,040.50
	Consulting	2.40	\$ 924.00
<b>Wieman, Christopher Total</b>		<b>7.70</b>	<b>\$ 2,964.50</b>
<b>Grand Total</b>		<b>2,754.30</b>	<b>\$ 906,669.25</b>