

Scraping PDFs with **Tabula**

@manuelaristaran

@jeremybmerrill (The New York Times)

@mtigas (ProPublica)

tabula.nerdpower.org — @TabulaPDF

- PDF is the **worst** possible format for information *exchange*.
- “Portable Document Format” is **electronic paper**, meant to be rendered the same way regardless of the device.
- PDF cares about the **form**, we just care about the **content**.

**FOREST LABORATORIES, INC. CLINICAL RESEARCH DISCLOSURE REPORT
Q2 - 2012**

| PAYEE | PRINCIPAL INVESTIGATOR | CITY/STATE | AMOUNT (USD)* |
|--|-------------------------------|----------------------|----------------------|
| ABRAHAM RESEARCH, PLLC | VILLAREAL, MANUEL | CRESCENT SPRINGS, KY | \$ 3,748.70 |
| ABRAHAM RESEARCH, PLLC | TELTSER, MATTHEW | PEMBROKE PINES, FL | \$ 6,000.00 |
| ALBEMARLE RESEARCH CONSULTANTS, INC. CAROLINA RESEARCH SPECIALISTS | HEYDER, ALBRECHT M. | ELIZABETH CITY, NC | \$ 2,565.00 |
| ALBUQUERQUE NEUROSCIENCE, INC. | DEMPSEY, GLENN MICHAEL | ALBUQUERQUE, NM | \$ 71,955.50 |
| ALEXIAN BROTHERS BEHAVIORIAL HEALTH HOSPITAL | LERMAN, MARK | CHICAGO, IL | \$ 14,079.00 |
| ALLERGIC DISEASES SC | COHEN, STEVEN H. | WEST ALLIS, WI | \$ 1,786.00 |
| ALLERGY ASTHMA IMMUNOLOGY OF ROCHESTER | CONDEMI, JOHN J. | ROCHESTER, NY | \$ 10,383.50 |
| ALPINE CLINIC, LLC | EL-KHALILI, NIZAR | LAFAYETTE, IN | \$ 44,365.00 |
| ALPINE CLINICAL RESEARCH CENTER, INC. | BROWNSTONE, PAUL | BOULDER, CO | \$ 6,000.00 |
| ALTERNATIV CLINICAL TRIALS, LLC | SWAUGER, JOANNA | PERRYOPOLIS, PA | \$ 1,691.00 |
| AMERICAN HEALTH RESEARCH | SPANGENTHAL, SELWYN | CHARLOTTE, NC | \$ 2,422.50 |
| AMR BABER RESEARCH, INC. | BABER, RIAZ A. | NAPERVILLE, IL | \$ 5,618.50 |
| AMR BABER RESEARCH, INC. | ORTIZ, TONY | NAPERVILLE, IL | \$ 18,277.50 |
| ANDERSON CLINICAL RESEARCH | ANDERSON, DONALD LEE | REDLANDS, CA | \$ 103,931.00 |
| ANDERSON CLINICAL RESEARCH | GROSZ, DANIEL E. | REDLANDS, CA | \$ 6,000.00 |
| ARKANSAS PSYCHIATRIC CLINIC CLINICAL RESEARCH TRIAL PA | DINER, BRADLEY | LITTLE ROCK, AR | \$ 10,000.00 |

1 ABRAHAM RESEARCH, PLLC
2 VILLAREAL, MANUEL
3 CRESCENT SPRINGS, KY
4 \$ 3,748.70
5 ABRAHAM RESEARCH, PLLC
6 TELTSER, MATTHEW
7 PEMBROKE PINES, FL
8 \$ 6,000.00
9 ALBEMARLE RESEARCH CONSULTANTS, INC. CAROLINA RESEARCH SPECIALISTS
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12 \$ 2,565.00
13 ALBUQUERQUE NEUROSCIENCE, INC.
14 DEMPSEY, GLENN MICHAEL
15 ALBUQUERQUE, NM
16 \$ 71,955.50
17 ALEXIAN BROTHERS BEHAVIORIAL HEALTH HOSPITAL
18 LERMAN, MARK
19 CHICAGO, IL
20 \$ 14,079.00
21 ALLERGIC DISEASES SC
22 COHEN, STEVEN H.
23 WEST ALLIS, WI
24 \$ 1,786.00
25 ALLERGY ASTHMA IMMUNOLOGY OF ROCHESTER
26 CONDEMI, JOHN J.
27 ROCHESTER, NY

But PDFs are regularly used for publishing important information.

Why?



Ignorance

Malice



*“The crime stats are subject to being **corruptible** in an excel sheet. They have been changed in the past by persons unknown and this affects the veracity of the original data posted. If stats are posted on-line in a PDF format, this **reduces the risk of contamination**. [...] Effective immediately the stats should just be posted in a PDF format.”*

-Minneapolis Police Department

Extracting **tables** from PDF files is a pervasive **problem** in data journalism.



Honorable Cámara de Diputados de la Nación

Votación Nominal

Página 5 de 9

130 Período Ordinario - 18ª Sesión de Tablas - 21º Reunión

Expediente 8311-D-12 - Votación.

Acta Nº 2

Ult.Mod.Ver 2

Fecha: 28/11/2012

Hora: 20:12

Base Mayoría: **Votos Emitidos**

Tipo de Mayoría: **Más de la mitad**

Tipo de Quorum: **Más de la mitad**

Miembros del cuerpo: 257

Resultado de la Votación: **AFIRMATIVO**

Presidente: DOMINGUEZ, Julián Andrés

| Apellido y Nombre | Bloque político | Provincia | |
|--------------------------------------|----------------------|--------------------|----------|
| AGUAD, Oscar Raúl | Unión Cívica Radical | Córdoba | NEGATIVO |
| AGUILAR, Lino Walter | Frente Peronista | San Luis | NEGATIVO |
| ALFONSIN, Ricardo | Unión Cívica Radical | Buenos Aires | NEGATIVO |
| ALONSO, Laura | PRO | Cdad. Aut. Bs. As. | NEGATIVO |
| ALVAREZ, Elsa María | Unión Cívica Radical | Santa Cruz | NEGATIVO |
| ALVAREZ, Jorge Mario | Unión Cívica Radical | Santa Fe | NEGATIVO |
| ARGUMEDO, Alcira Susana | Proyecto Sur | Cdad. Aut. Bs. As. | NEGATIVO |
| ATANASOF, Alfredo Néstor | Frente Peronista | Buenos Aires | NEGATIVO |
| BARBIERI, Mario Leandro | Unión Cívica Radical | Buenos Aires | NEGATIVO |
| BAZZE, Miguel Ángel | Unión Cívica Radical | Buenos Aires | NEGATIVO |
| BENEDETTI, Atilio Francisco Salvador | Unión Cívica Radical | Entre Ríos | NEGATIVO |
| BERTOL, Paula María | PRO | Cdad. Aut. Bs. As. | NEGATIVO |
| BIANCHI, Ivana María | Frente Peronista | San Luis | NEGATIVO |
| BIELLA CALVET, Bernardo Jose | U.De.So. Salta | Salta | NEGATIVO |
| BRIZUELA Y DORIA DE CARA, Olga Inés | Unión Cívica Radical | La Rioja | NEGATIVO |

| Country/Economy | PILLARS | | | | | | | | | | | | | |
|------------------------|----------------------|-------|----------------------------------|-------|----------------------------|-------|----------------------------|-------|---------------------------------|-------|----------------------------|-------|-----------------|-------|
| | EFFICIENCY ENHANCERS | | 5. Higher education and training | | 6. Goods market efficiency | | 7. Labor market efficiency | | 8. Financial market development | | 9. Technological readiness | | 10. Market size | |
| | Rank | Score | Rank | Score | Rank | Score | Rank | Score | Rank | Score | Rank | Score | Rank | Score |
| Albania | 92 | 3.80 | 76 | 4.11 | 58 | 4.33 | 68 | 4.40 | 120 | 3.38 | 77 | 3.69 | 98 | 2.89 |
| Algeria | 136 | 3.08 | 108 | 3.38 | 143 | 2.99 | 144 | 2.79 | 142 | 2.39 | 133 | 2.59 | 49 | 4.34 |
| Argentina | 86 | 3.84 | 53 | 4.59 | 140 | 3.18 | 140 | 3.29 | 131 | 3.18 | 67 | 3.85 | 23 | 4.94 |
| Armenia | 82 | 3.86 | 70 | 4.22 | 72 | 4.22 | 30 | 4.72 | 78 | 3.97 | 92 | 3.40 | 115 | 2.62 |
| Australia | 13 | 5.20 | 11 | 5.64 | 24 | 4.87 | 42 | 4.60 | 8 | 5.35 | 19 | 5.61 | 21 | 5.10 |
| Austria | 19 | 5.01 | 18 | 5.48 | 22 | 4.91 | 32 | 4.69 | 34 | 4.65 | 17 | 5.70 | 36 | 4.62 |
| Azerbaijan | 67 | 4.05 | 89 | 3.91 | 60 | 4.31 | 26 | 4.80 | 98 | 3.73 | 61 | 4.04 | 76 | 3.51 |
| Bahrain | 35 | 4.58 | 34 | 4.93 | 16 | 5.10 | 21 | 4.89 | 18 | 4.99 | 39 | 4.72 | 103 | 2.86 |
| Bangladesh | 107 | 3.62 | 126 | 2.88 | 95 | 4.10 | 117 | 3.91 | 95 | 3.74 | 125 | 2.74 | 47 | 4.36 |
| Barbados | 49 | 4.37 | 19 | 5.38 | 64 | 4.29 | 29 | 4.75 | 33 | 4.66 | 30 | 5.14 | 134 | 1.97 |
| Belgium | 17 | 5.09 | 4 | 5.81 | 15 | 5.12 | 50 | 4.54 | 31 | 4.68 | 22 | 5.57 | 27 | 4.81 |
| Benin | 125 | 3.31 | 120 | 3.07 | 132 | 3.66 | 67 | 4.40 | 112 | 3.55 | 124 | 2.75 | 122 | 2.45 |
| Bolivia | 122 | 3.35 | 92 | 3.83 | 138 | 3.40 | 132 | 3.58 | 126 | 3.33 | 127 | 2.73 | 82 | 3.25 |
| Bosnia and Herzegovina | 97 | 3.75 | 72 | 4.18 | 109 | 3.92 | 99 | 4.08 | 119 | 3.41 | 68 | 3.84 | 93 | 3.07 |
| Botswana | 89 | 3.82 | 95 | 3.74 | 78 | 4.20 | 60 | 4.46 | 53 | 4.39 | 106 | 3.17 | 97 | 2.94 |
| Brazil | 38 | 4.52 | 66 | 4.27 | 104 | 3.94 | 69 | 4.39 | 46 | 4.45 | 48 | 4.43 | 9 | 5.63 |
| Brunei Darussalam | 68 | 4.05 | 57 | 4.40 | 73 | 4.22 | 13 | 5.07 | 56 | 4.27 | 64 | 3.95 | 124 | 2.39 |
| Bulgaria | 59 | 4.18 | 63 | 4.31 | 83 | 4.17 | 49 | 4.54 | 80 | 3.97 | 52 | 4.30 | 62 | 3.82 |
| Burkina Faso | 129 | 3.22 | 137 | 2.50 | 118 | 3.80 | 64 | 4.42 | 117 | 3.43 | 137 | 2.52 | 114 | 2.64 |
| Burundi | 144 | 2.56 | 143 | 1.98 | 139 | 3.28 | 112 | 3.97 | 144 | 2.31 | 144 | 2.22 | 140 | 1.57 |
| Cambodia | 85 | 3.84 | 111 | 3.32 | 50 | 4.42 | 28 | 4.78 | 64 | 4.11 | 100 | 3.28 | 89 | 3.15 |
| Cameroon | 111 | 3.57 | 115 | 3.25 | 89 | 4.15 | 58 | 4.48 | 105 | 3.64 | 126 | 2.73 | 87 | 3.18 |
| Canada | 6 | 5.41 | 15 | 5.57 | 13 | 5.12 | 4 | 5.45 | 11 | 5.28 | 20 | 5.60 | 13 | 5.45 |
| Cape Verde | 128 | 3.22 | 99 | 3.65 | 105 | 3.93 | 126 | 3.72 | 121 | 3.37 | 90 | 3.43 | 143 | 1.25 |
| Chad | 141 | 2.91 | 140 | 2.34 | 141 | 3.08 | 95 | 4.12 | 137 | 3.01 | 143 | 2.23 | 112 | 2.70 |
| Chile | 32 | 4.63 | 46 | 4.72 | 30 | 4.74 | 34 | 4.68 | 28 | 4.73 | 44 | 4.48 | 42 | 4.44 |
| China | 30 | 4.64 | 62 | 4.32 | 59 | 4.31 | 41 | 4.60 | 54 | 4.31 | 88 | 3.50 | 2 | 6.82 |
| Colombia | 63 | 4.13 | 67 | 4.27 | 99 | 3.98 | 88 | 4.17 | 67 | 4.10 | 80 | 3.62 | 31 | 4.65 |
| Costa Rica | 60 | 4.18 | 41 | 4.78 | 62 | 4.30 | 52 | 4.51 | 101 | 3.67 | 46 | 4.45 | 81 | 3.35 |
| Côte d'Ivoire | 115 | 3.53 | 123 | 2.99 | 122 | 3.78 | 71 | 4.38 | 103 | 3.65 | 99 | 3.32 | 94 | 3.05 |
| Croatia | 72 | 4.01 | 56 | 4.47 | 114 | 3.85 | 106 | 4.00 | 92 | 3.79 | 50 | 4.36 | 71 | 3.57 |
| Cyprus | 43 | 4.41 | 32 | 4.98 | 33 | 4.68 | 44 | 4.57 | 38 | 4.56 | 37 | 4.85 | 106 | 2.81 |
| Czech Republic | 34 | 4.59 | 38 | 4.87 | 41 | 4.53 | 75 | 4.32 | 57 | 4.25 | 31 | 5.06 | 40 | 4.51 |
| Denmark | 15 | 5.15 | 14 | 5.59 | 19 | 5.03 | 8 | 5.22 | 30 | 4.69 | 3 | 6.17 | 53 | 4.22 |
| Dominican Republic | 93 | 3.79 | 97 | 3.69 | 101 | 3.97 | 107 | 4.00 | 96 | 3.74 | 78 | 3.68 | 65 | 3.66 |
| Ecuador | 100 | 3.68 | 91 | 3.84 | 129 | 3.70 | 135 | 3.49 | 110 | 3.58 | 82 | 3.59 | 60 | 3.90 |
| Egypt | 101 | 3.67 | 109 | 3.32 | 125 | 3.76 | 142 | 3.06 | 102 | 3.67 | 91 | 3.43 | 29 | 4.77 |
| El Salvador | 103 | 3.66 | 105 | 3.45 | 74 | 4.21 | 121 | 3.86 | 81 | 3.95 | 102 | 3.26 | 83 | 3.23 |

| DISTRITO | CÓDIGO DISTRITO | SECCION | CIRCUITO | ESTABLECIMIENTO | DIRECCIÓN | LOCALIDAD | CODIGO POSTAL | NÚMERO DE MESA DESDE | NÚMERO DE MESA HASTA | CANTIDAD DE MESAS EN EL ESTABLECIMIENTO |
|--------------|-----------------|---------|----------|--------------------------------|--------------------------------|----------------------|---------------|----------------------|----------------------|---|
| BUENOS AIRES | 2 | 1 | 00001 | CENTRO FORMAC.PROFESIONAL 401 | RIVADAVIA 1167 | CARHUE-PTA.URBANA | 6430 | 24 | 25 | 2 |
| BUENOS AIRES | 2 | 1 | 00001 | ESCUELA EP N°1 | PELLEGRINI 1076 | CARHUE-PTA.URBANA | 6430 | 6 | 9 | 4 |
| BUENOS AIRES | 2 | 1 | 00001 | ESCUELA EP N°3 | BVARD.ADOLFO ALSINA 778 | CARHUE-PTA.URBANA | 6430 | 10 | 15 | 6 |
| BUENOS AIRES | 2 | 1 | 00001 | ESCUELA EP N°40 | BELGRANO 918 Y MITRE | CARHUE-PTA.URBANA | 6430 | 16 | 19 | 4 |
| BUENOS AIRES | 2 | 1 | 00001 | INST.S.E.UNZUE DE SAN JOSE | ALSINA 820 | CARHUE-PTA.URBANA | 6430 | 22 | 23 | 2 |
| BUENOS AIRES | 2 | 1 | 00001 | JARDIN DE INFANTES N°901 | SARMIENTO Y ROQUE S.PEÑA | CARHUE-PTA.URBANA | 6430 | 26 | 26 | 1 |
| BUENOS AIRES | 2 | 1 | 00001 | MUNICIPALIDAD | PELLEGRINI Y RIVADAVIA | CARHUE-PTA.URBANA | 6430 | 1 | 5 | 5 |
| BUENOS AIRES | 2 | 1 | 00001 | NTRA.SRA.DE LOS DESAMPARADOS | 27 DE MARZO S/N° | CARHUE-PTA.URBANA | 6430 | 20 | 21 | 2 |
| BUENOS AIRES | 2 | 1 | 00002 | ESCUELA ES N°2 | SAN MARTIN Y ECHEVERRIA S/N° | CARHUE | 6430 | 27 | 27 | 1 |
| BUENOS AIRES | 2 | 1 | 00003 | ESCUELA EP N°12 | AV.SAN MARTIN 485 | RIVERA | 6441 | 28 | 36 | 9 |
| BUENOS AIRES | 2 | 1 | 00004 | ESCUELA EP N°19 | S/C S/N° | TRES LAGUNAS | 6443 | 37 | 37 | 1 |
| BUENOS AIRES | 2 | 1 | 00005 | ESCUELA EP N°6 | AV.SAN MARTIN 350 | VILLA MAZA | 6343 | 38 | 41 | 4 |
| BUENOS AIRES | 2 | 1 | 00006 | ESCUELA EP N°44 | S/C S/N° | ECION.ESTEBAN GASCON | 8185 | 42 | 42 | 1 |
| BUENOS AIRES | 2 | 1 | 00007 | ESCUELA EP N°18 | AV.9 DE JULIO S/N° | COL.S.MIGUEL ARCANGE | 8185 | 43 | 44 | 2 |
| BUENOS AIRES | 2 | 2 | 00010 | ESCUELA EP N°1 | ARIAS 251 Y BELGRANO | ALBERTI PTA.URBANA | 6634 | 5 | 8 | 4 |
| BUENOS AIRES | 2 | 2 | 00010 | ESCUELA EP N°14 | URIBURU Y SAN LORENZO S/N° | ALBERTI PTA.URBANA | 6634 | 13 | 16 | 4 |
| BUENOS AIRES | 2 | 2 | 00010 | ESCUELA EP N°4 | CASTELLI 129 | ALBERTI PTA.URBANA | 6634 | 9 | 12 | 4 |
| BUENOS AIRES | 2 | 2 | 00010 | ESCUELA ES N°2 | LEANDRO N.ALEM 179 | ALBERTI PTA.URBANA | 6634 | 17 | 19 | 3 |
| BUENOS AIRES | 2 | 2 | 00010 | ESCUELA ET N°1 | LIBERTADOR SAN MARTIN 129 | ALBERTI | 6634 | 20 | 21 | 2 |
| BUENOS AIRES | 2 | 2 | 00010 | MUNICIPALIDAD | LEANDRO N.ALEM 201 | ALBERTI PTA.URBANA | 6634 | 1 | 4 | 4 |
| BUENOS AIRES | 2 | 2 | 00011 | ESCUELA EP N°15 | M.GALLARDO Y J.HERNANDEZ | MECHITA | 6648 | 22 | 23 | 2 |
| BUENOS AIRES | 2 | 2 | 00012 | ESCUELA EP N°10 | PLA E/CAMPAGNOLE Y CARDENAS | PLA | 6634 | 24 | 24 | 1 |
| BUENOS AIRES | 2 | 2 | 00013 | ESCUELA EP N°23 | CUARTEL 7° S/C S/N | CNEL.SEGUI | 6628 | 25 | 25 | 1 |
| BUENOS AIRES | 2 | 2 | 00014 | ESCUELA EP N°21 | RIVADAVIA S/N° | ECION.CNEL.MOM | 6628 | 26 | 27 | 2 |
| BUENOS AIRES | 2 | 2 | 00015 | ESCUELA EP N°17 | MORENO Y BELGRANO S/N° | ECION.ACHUPALLAS | 6627 | 28 | 28 | 1 |
| BUENOS AIRES | 2 | 3 | 00017 | COLEGIO IRLANDES | ESTRADA 151 | ADROGUE | 1846 | 40 | 46 | 7 |
| BUENOS AIRES | 2 | 3 | 00017 | COLEGIO NTRA.SEÑORA DEL CARMEN | PLAZA BROWN 68 | ADROGUE | 1846 | 16 | 30 | 15 |
| BUENOS AIRES | 2 | 3 | 00017 | ESCUELA EP N°12/ES N° 70 | JORGE 447 E/ALSINA Y RODRIGUEZ | ADROGUE | 1846 | 57 | 69 | 13 |
| BUENOS AIRES | 2 | 3 | 00017 | ESCUELA EP N°16 | BYNON 1455 | ADROGUE | 1846 | 70 | 73 | 4 |
| BUENOS AIRES | 2 | 3 | 00017 | ESCUELA EP N°5 | AMENEDO 1281 | ADROGUE | 1846 | 31 | 39 | 9 |
| BUENOS AIRES | 2 | 3 | 00017 | ESCUELA EP N°6 | SEGUI 710 | ADROGUE | 1846 | 47 | 56 | 10 |
| BUENOS AIRES | 2 | 3 | 00017 | ESCUELA ES N°11 | ESTEBAN ADROGUE 1300 | ADROGUE | 1846 | 1 | 15 | 15 |
| BUENOS AIRES | 2 | 3 | 00018 | ANEXO SECUNDARIO N°11 | ROSALES 1980 | JOSE MARMOL | 1846 | 142 | 149 | 8 |
| BUENOS AIRES | 2 | 3 | 00018 | COLEGIO DE LA REINA | R.SAENZ PEÑA 675 | JOSE MARMOL | 1846 | 85 | 85 | 1 |
| BUENOS AIRES | 2 | 3 | 00018 | COLEGIO ROSARIO VERA PEÑALOZA | AMENEDO 2440 | B°ARCA - J.MARMOL | 1846 | 135 | 141 | 7 |
| BUENOS AIRES | 2 | 3 | 00018 | COLEGIO SECUND DE LA REINA | BYNNON 2303 | JOSE MARMOL | 1846 | 150 | 155 | 6 |
| BUENOS AIRES | 2 | 3 | 00018 | ESCUELA EP N°14/ES N°20 | BYNON 3800 | B° MARTIN ARIN - J.M | 1846 | 106 | 117 | 12 |
| BUENOS AIRES | 2 | 3 | 00018 | ESCUELA EP N°27/ES N°29 | ECHEVERRIA 44 Y FRIAS | B°ARCA | 1846 | 86 | 95 | 10 |
| BUENOS AIRES | 2 | 3 | 00018 | ESCUELA EP N°7/ES N°4 | FERRE 479 ESQ.CANALE | JOSE MARMOL | 1846 | 74 | 84 | 11 |
| BUENOS AIRES | 2 | 3 | 00018 | ESCUELA ES N°1 | SANCHEZ 2350 | JOSE MARMOL | 1846 | 96 | 105 | 10 |
| BUENOS AIRES | 2 | 3 | 00018 | ESCUELA ESPECIAL N°506 | SGO.DEL ESTERO 985 | B° MARTIN ARIN - J.M | 1846 | 132 | 134 | 3 |
| BUENOS AIRES | 2 | 3 | 00018 | INSTITUTO MODELO MARMOL | BYNNON 2355 | JOSE MARMOL | 1846 | 118 | 125 | 8 |
| BUENOS AIRES | 2 | 3 | 00018 | INSTITUTO REGINA APOSTOLARUM | REPUBLICA ARGENTINA 1414 | JOSE MARMOL | 1846 | 126 | 131 | 6 |

- This data is **trapped** in a PDF.
- To reproduce the **information**, we need to break the PDF down and analyze it.

tabula.nerdpower.org



Free as in freedom. Free as in beer. Always.

<http://github.com/jazzido/tabula>

- Tabula is making an **ambitious claim**.
- Tabular information can be represented in **many different ways**.

Very heuristic problem, lots of edge cases.
Story of our lives.

```
$ grep -r "heuristic" tabula* | wc -l
```


Types of PDFs

- “Text-based” files
 - Can select text inside the file.
 - PDF stores the exact page position of every single character, so it looks the same everywhere.
- Scanned files
 - Just a collection of images.
 - PDF format doesn’t actually know anything about the underlying information.
 - Tabula can’t do anything about this unless maybe if the file is processed with OCR software first.

Two Algorithms

1. “Original”:

- Ignores lines
- Only uses text positions, specifically “rivers” of white space where there are no characters
- Don’t select “spanning” headers!

Extraction Method:

Original

Spreadsheet



Expenses Paid to US Based Healthcare Professionals

1st Quarter 2013

| Healthcare Professional | Location | Payee Name | Consulting | Speaker Program | Business Meals | Business Travel | Total Spend |
|---------------------------------------|-----------------------|--------------------------------------|------------|-----------------|----------------|-----------------|-------------|
| ABBUD, RITA A | LORAIN, OH | RITA A ABBUD | | | 15.36 | | 15.36 |
| ABDU NAFI, SALADIN ABDU | NEWARK, NJ | SALADIN ABDU ABDU NAFI | | | 27.16 | | 27.16 |
| ABDULLAH, GHAZANFAR SYED | BRONX, NY | GHAZANFAR SYED ABDULLAH | | | 44.36 | | 44.36 |
| ABIAD, HOMER DEGUJA | PHOENIX, IL | HOMER DEGUJA ABIAD | | | 20.54 | | 20.54 |
| ABRIOLA, KENNETH PATRICK | GLASTONBURY, CT | KENNETH PATRICK ABRIOLA | | 1,500.00 | 124.65 | | 1,624.65 |
| ACRI, TRISHA LYNN | SHARON HILL, PA | TRISHA LYNN ACRI | | | 13.65 | | 13.65 |
| ADAMS, HARRY GLENN | GREENVILLE, NC | HARRY GLENN ADAMS | | | 52.79 | | 52.79 |
| ADAMS, JAMES MELVIN | BEVERLY HILLS, CA | JAMES MELVIN ADAMS | | | 94.19 | | 94.19 |
| ADAMS, STEPHEN RICHARD | SPRINGFIELD, MO | STEPHEN RICHARD ADAMS | | | 14.49 | | 14.49 |
| ADEDIRAN, ABAYOMI SEGUN | WARSAW, NC | ABAYOMI SEGUN ADEDIRAN | | | 11.46 | | 11.46 |
| ADLER, CHARLTON LANCE | MIAMI, FL | CHARLTON LANCE ADLER | | | 14.29 | | 14.29 |
| ADUAKO, CECILIA DYLLIS BO | SHELTON, CT | CECILIA DYLLIS BO ADUAKO | | | 24.72 | | 24.72 |
| AFABLE, JESSICA GABRIEL | PALM SPRINGS, CA | JESSICA GABRIEL AFABLE | | | 4.68 | | 4.68 |
| AFRIDI, MUHAMMAD SHOAB | NEWARK, NJ | MUHAMMAD SHOAB AFRIDI | | | 22.86 | | 22.86 |
| AFROZE, ANEES FATIMA | SPRINGFIELD, MO | ANEES FATIMA AFROZE | | | 11.89 | | 11.89 |
| AFZAL, MUHAMMAD A | ANDERSON, IN | MUHAMMAD A AFZAL | | | 13.32 | | 13.32 |
| AGARWAL, SHANU A | AKRON, OH | SHANU A AGARWAL | | | 44.41 | | 44.41 |
| AGRAWAL, AARTI SHRINIWAS | NORFOLK, VA | AARTI SHRINIWAS AGRAWAL | | | 12.71 | | 12.71 |
| AGRAWAL, MANJU JALAN | LOS ANGELES, CA | MANJU JALAN AGRAWAL | | | 20.23 | | 20.23 |
| AHLGRIM, HEIDI SWYGARD | DURHAM, NC | HEIDI SWYGARD AHLGRIM | | | 74.95 | | 74.95 |
| AHMAD, SHARJUEL | HARTFORD, CT | SHARJUEL AHMAD | | | 24.88 | | 24.88 |
| AHRENS, JOHN CHAS | VINELAND, NJ | JOHN CHAS AHRENS | | | 31.31 | | 31.31 |
| AILANI, RAJESH KANAYALAL | NEW SMYRNA BEACH, FL | RAJESH KANAYALAL AILANI | | | 15.61 | | 15.61 |
| AILANI, REBA KIRAN | NEW SMYRNA BEACH, FL | REBA KIRAN AILANI | | | 15.61 | | 15.61 |
| AKBAR, NASREEN ZAFER | TAMPA, FL | NASREEN ZAFER AKBAR | | | 99.59 | | 99.59 |
| AKIL, BISHIER M | NEW YORK, NY | BISHIER M AKIL | | | 14.04 | | 14.04 |
| ALAVI, GELAREH KHAJENoor | FAIRFAX, VA | GELAREH KHAJENoor ALAVI | | | 13.32 | | 13.32 |
| ALCOULOUmRE, MARCIA SUE | LONG BEACH, CA | MARCIA SUE ALCOULOUmRE | | | 10.23 | | 10.23 |
| ALDRICH, JENNIFER LEE | WYNNWOOD, PA | JENNIFER LEE ALDRICH | | | 31.08 | | 31.08 |
| ALEXANDER, NEBU THOMAS | HILLSBOROUGH, NJ | NEBU THOMAS ALEXANDER | | | 13.29 | | 13.29 |
| ALEXANDRE, SERGE LEFEVRE | DELRAY BEACH, FL | SERGE LEFEVRE ALEXANDRE | | | 26.86 | | 26.86 |
| ALI, AMJAD MOHAMMED | LOUISVILLE, KY | AMJAD MOHAMMED ALI | | | 30.63 | | 30.63 |
| ALI, AWOL YIMER | FREDERICKSBURG, VA | AWOL YIMER ALI | | | 25.73 | | 25.73 |
| ALLEN, BRADY LEE | DALLAS, TX | BRADY LEE ALLEN | | | 28.80 | | 28.80 |
| ALLIMAN, CHRISTOPH R | ALBUQUERQUE, NM | CHRISTOPH R ALLIMAN | | | 15.74 | | 15.74 |
| ALLISON, CHARLES PUTNEY | SAN FRANCISCO, CA | CHARLES PUTNEY ALLISON | | | 44.27 | | 44.27 |
| ALOZIE, OGECHIKA KARL | EL PASO, TX | OGECHIKA KARL ALOZIE | | | 15.33 | | 15.33 |
| ALPERT, PETER LAWRENCE | BRONX, NY | PETER LAWRENCE ALPERT | | | 30.21 | | 30.21 |
| ALRABAA, SALLY FATHI | TAMPA, FL | SALLY FATHI ALRABAA | | | 39.12 | | 39.12 |
| ALTAMIRANO ANGUETA, JESSICA ALEXANDRA | MIAMI SHORES, FL | JESSICA ALEXANDRA ALTAMIRANO ANGUETA | | | 23.00 | | 23.00 |
| ALTIVEROS, ANDREW MARCOS IM | CHICAGO, IL | ANDREW MARCOS IM ALTIVEROS | | | 11.53 | | 11.53 |
| ALVARADO, FERNANDO S | ALTAMONTE SPRINGS, FL | FERNANDO S ALVARADO | | | 13.10 | | 13.10 |
| ALVAREZ, AFRICA P | MARIETTA, GA | AFRICA P ALVAREZ | | | 17.25 | | 17.25 |
| AMENECHI-ENAHORO, SUSAN A | BRONX, NY | SUSAN A AMENECHI-ENAHORO | | | 39.15 | | 39.15 |
| AMISIAL, JEAN MICHEL | MIAMI, FL | JEAN MICHEL AMISIAL | | | 19.81 | | 19.81 |
| AMOROSO, ANTHONY S | BALTIMORE, MD | ANTHONY S AMOROSO | | 3,000.00 | 181.44 | | 3,181.44 |
| AMOS, JANINE M | CHICAGO, IL | JANINE M AMOS | | | 17.21 | | 17.21 |
| ANANDAKRISHNAN, RAJASHREE Y | FRANKLIN PARK, NJ | RAJASHREE Y ANANDAKRISHNAN | | | 10.38 | | 10.38 |
| ANASTASIO, PATRICK J | FORT WALTON BEACH, FL | PATRICK J ANASTASIO | | | 14.60 | | 14.60 |



Expenses Paid to US Based Healthcare Professionals

1st Quarter 2013

| Healthcare Professional | Location | Payee Name | Consulting | Speaker Program | Business Meals | Business Travel | Total Spend |
|---------------------------------------|-----------------------|--------------------------------------|------------|-----------------|----------------|-----------------|-------------|
| ABBUD, RITA A | LORAIN, OH | RITA A ABBUD | | | 15.36 | | 15.36 |
| ABDU NAFI, SALADIN ABDU | NEWARK, NJ | SALADIN ABDU ABDU NAFI | | | 27.16 | | 27.16 |
| ABDULLAH, GHAZANFAR SYED | BRONX, NY | GHAZANFAR SYED ABDULLAH | | | 44.36 | | 44.36 |
| ABIAD, HOMER DEGUJA | PHOENIX, IL | HOMER DEGUJA ABIAD | | | 20.54 | | 20.54 |
| ABRIOLA, KENNETH PATRICK | GLASTONBURY, CT | KENNETH PATRICK ABRIOLA | | 1,500.00 | 124.65 | | 1,624.65 |
| ACRI, TRISHA LYNN | SHARON HILL, PA | TRISHA LYNN ACRI | | | 13.65 | | 13.65 |
| ADAMS, HARRY GLENN | GREENVILLE, NC | HARRY GLENN ADAMS | | | 52.79 | | 52.79 |
| ADAMS, JAMES MELVIN | BEVERLY HILLS, CA | JAMES MELVIN ADAMS | | | 94.19 | | 94.19 |
| ADAMS, STEPHEN RICHARD | SPRINGFIELD, MO | STEPHEN RICHARD ADAMS | | | 14.49 | | 14.49 |
| ADEDIRAN, ABAYOMI SEGUN | WARSAW, NC | ABAYOMI SEGUN ADEDIRAN | | | 11.46 | | 11.46 |
| ADLER, CHARLTON LANCE | MIAMI, FL | CHARLTON LANCE ADLER | | | 14.29 | | 14.29 |
| ADUAKO, CECILIA DYLLIS BO | SHELTON, CT | CECILIA DYLLIS BO ADUAKO | | | 24.72 | | 24.72 |
| AFABLE, JESSICA GABRIEL | PALM SPRINGS, CA | JESSICA GABRIEL AFABLE | | | 4.68 | | 4.68 |
| AFRIDI, MUHAMMAD SHOAB | NEWARK, NJ | MUHAMMAD SHOAB AFRIDI | | | 22.86 | | 22.86 |
| AFROZE, ANEES FATIMA | SPRINGFIELD, MO | ANEES FATIMA AFROZE | | | 11.89 | | 11.89 |
| AFZAL, MUHAMMAD A | ANDERSON, IN | MUHAMMAD A AFZAL | | | 13.32 | | 13.32 |
| AGARWAL, SHANU A | AKRON, OH | SHANU A AGARWAL | | | 44.41 | | 44.41 |
| AGRAWAL, AARTI SHRINIWAS | NORFOLK, VA | AARTI SHRINIWAS AGRAWAL | | | 12.71 | | 12.71 |
| AGRAWAL, MANJU JALAN | LOS ANGELES, CA | MANJU JALAN AGRAWAL | | | 20.23 | | 20.23 |
| AHLGRIM, HEIDI SWYGARD | DURHAM, NC | HEIDI SWYGARD AHLGRIM | | | 74.95 | | 74.95 |
| AHMAD, SHARJUEL | HARTFORD, CT | SHARJUEL AHMAD | | | 24.88 | | 24.88 |
| AHRENS, JOHN CHAS | VINELAND, NJ | JOHN CHAS AHRENS | | | 31.31 | | 31.31 |
| AILANI, RAJESH KANAYALAL | NEW SMYRNA BEACH, FL | RAJESH KANAYALAL AILANI | | | 15.61 | | 15.61 |
| AILANI, REBA KIRAN | NEW SMYRNA BEACH, FL | REBA KIRAN AILANI | | | 15.61 | | 15.61 |
| AKBAR, NASREEN ZAFER | TAMPA, FL | NASREEN ZAFER AKBAR | | | 99.59 | | 99.59 |
| AKIL, BISHIER M | NEW YORK, NY | BISHIER M AKIL | | | 14.04 | | 14.04 |
| ALAVI, GELAREH KHAJENOOR | FAIRFAX, VA | GELAREH KHAJENOOR ALAVI | | | 13.32 | | 13.32 |
| ALCOULOU MRE, MARCIA SUE | LONG BEACH, CA | MARCIA SUE ALCOULOU MRE | | | 10.23 | | 10.23 |
| ALDRICH, JENNIFER LEE | WYNNWOOD, PA | JENNIFER LEE ALDRICH | | | 31.08 | | 31.08 |
| ALEXANDER, NEBU THOMAS | HILLSBOROUGH, NJ | NEBU THOMAS ALEXANDER | | | 13.29 | | 13.29 |
| ALEXANDRE, SERGE LEFEVRE | DELRAY BEACH, FL | SERGE LEFEVRE ALEXANDRE | | | 26.86 | | 26.86 |
| ALI, AMJAD MOHAMMED | LOUISVILLE, KY | AMJAD MOHAMMED ALI | | | 30.63 | | 30.63 |
| ALI, AWOL YIMER | FREDERICKSBURG, VA | AWOL YIMER ALI | | | 25.73 | | 25.73 |
| ALLEN, BRADY LEE | DALLAS, TX | BRADY LEE ALLEN | | | 28.80 | | 28.80 |
| ALLIMAN, CHRISTOPH R | ALBUQUERQUE, NM | CHRISTOPH R ALLIMAN | | | 15.74 | | 15.74 |
| ALLISON, CHARLES PUTNEY | SAN FRANCISCO, CA | CHARLES PUTNEY ALLISON | | | 44.27 | | 44.27 |
| ALOZIE, OGECHIKA KARL | EL PASO, TX | OGECHIKA KARL ALOZIE | | | 15.33 | | 15.33 |
| ALPERT, PETER LAWRENCE | BRONX, NY | PETER LAWRENCE ALPERT | | | 30.21 | | 30.21 |
| ALRABAA, SALLY FATHI | TAMPA, FL | SALLY FATHI ALRABAA | | | 39.12 | | 39.12 |
| ALTAMIRANO ANGUETA, JESSICA ALEXANDRA | MIAMI SHORES, FL | JESSICA ALEXANDRA ALTAMIRANO ANGUETA | | | 23.00 | | 23.00 |
| ALTIVEROS, ANDREW MARCOS IM | CHICAGO, IL | ANDREW MARCOS IM ALTIVEROS | | | 11.53 | | 11.53 |
| ALVARADO, FERNANDO S | ALTAMONTE SPRINGS, FL | FERNANDO S ALVARADO | | | 13.10 | | 13.10 |
| ALVAREZ, AFRICA P | MARIETTA, GA | AFRICA P ALVAREZ | | | 17.25 | | 17.25 |
| AMENECHI-ENAHORO, SUSAN A | BRONX, NY | SUSAN A AMENECHI-ENAHORO | | | 39.15 | | 39.15 |
| AMISIAL, JEAN MICHEL | MIAMI, FL | JEAN MICHEL AMISIAL | | | 19.81 | | 19.81 |
| AMOROSO, ANTHONY S | BALTIMORE, MD | ANTHONY S AMOROSO | | 3,000.00 | 181.44 | | 3,181.44 |
| AMOS, JANINE M | CHICAGO, IL | JANINE M AMOS | | | 17.21 | | 17.21 |
| ANANDAKRISHNAN, RAJASHREE Y | FRANKLIN PARK, NJ | RAJASHREE Y ANANDAKRISHNAN | | | 10.38 | | 10.38 |
| ANASTASIO, PATRICK J | FORT WALTON BEACH, FL | PATRICK J ANASTASIO | | | 14.60 | | 14.60 |



Expenses Paid to US Based Healthcare Professionals

1st Quarter 2013

| Healthcare Professional | Location | Payee Name | Consulting | Speaker Program | Business Meals | Business Travel | Total Spend |
|---------------------------------------|-----------------------|--------------------------------------|------------|-----------------|----------------|-----------------|-------------|
| ABBUD, RITA A | LORAIN, OH | RITA A ABBUD | | | 15.36 | | 15.36 |
| ABDU NAFI, SALADIN ABDU | NEWARK, NJ | SALADIN ABDU ABDU NAFI | | | 27.16 | | 27.16 |
| ABDULLAH, GHAZANFAR SYED | BRONX, NY | GHAZANFAR SYED ABDULLAH | | | 44.36 | | 44.36 |
| ABIAD, HOMER DEGUJA | PHOENIX, IL | HOMER DEGUJA ABIAD | | | 20.54 | | 20.54 |
| ABRIOLA, KENNETH PATRICK | GLASTONBURY, CT | KENNETH PATRICK ABRIOLA | | 1,500.00 | 124.65 | | 1,624.65 |
| ACRI, TRISHA LYNN | SHARON HILL, PA | TRISHA LYNN ACRI | | | 13.65 | | 13.65 |
| ADAMS, HARRY GLENN | GREENVILLE, NC | HARRY GLENN ADAMS | | | 52.79 | | 52.79 |
| ADAMS, JAMES MELVIN | BEVERLY HILLS, CA | JAMES MELVIN ADAMS | | | 94.19 | | 94.19 |
| ADAMS, STEPHEN RICHARD | SPRINGFIELD, MO | STEPHEN RICHARD ADAMS | | | 14.49 | | 14.49 |
| ADEDIRAN, ABAYOMI SEGUN | WARSAW, NC | ABAYOMI SEGUN ADEDIRAN | | | 11.46 | | 11.46 |
| ADLER, CHARLTON LANCE | MIAMI, FL | CHARLTON LANCE ADLER | | | 14.29 | | 14.29 |
| ADUAKO, CECILIA DYLLIS BO | SHELTON, CT | CECILIA DYLLIS BO ADUAKO | | | 24.72 | | 24.72 |
| AFABLE, JESSICA GABRIEL | PALM SPRINGS, CA | JESSICA GABRIEL AFABLE | | | 4.68 | | 4.68 |
| AFRIDI, MUHAMMAD SHOAB | NEWARK, NJ | MUHAMMAD SHOAB AFRIDI | | | 22.86 | | 22.86 |
| AFROZE, ANEES FATIMA | SPRINGFIELD, MO | ANEES FATIMA AFROZE | | | 11.89 | | 11.89 |
| AFZAL, MUHAMMAD A | ANDERSON, IN | MUHAMMAD A AFZAL | | | 13.32 | | 13.32 |
| AGARWAL, SHANU A | AKRON, OH | SHANU A AGARWAL | | | 44.41 | | 44.41 |
| AGRAWAL, AARTI SHRINIWAS | NORFOLK, VA | AARTI SHRINIWAS AGRAWAL | | | 12.71 | | 12.71 |
| AGRAWAL, MANJU JALAN | LOS ANGELES, CA | MANJU JALAN AGRAWAL | | | 20.23 | | 20.23 |
| AHLGRIM, HEIDI SWYGARD | DURHAM, NC | HEIDI SWYGARD AHLGRIM | | | 74.95 | | 74.95 |
| AHMAD, SHARJUEL | HARTFORD, CT | SHARJUEL AHMAD | | | 24.88 | | 24.88 |
| AHRENS, JOHN CHAS | VINELAND, NJ | JOHN CHAS AHRENS | | | 31.31 | | 31.31 |
| AILANI, RAJESH KANAYALAL | NEW SMYRNA BEACH, FL | RAJESH KANAYALAL AILANI | | | 15.61 | | 15.61 |
| AILANI, REBA KIRAN | NEW SMYRNA BEACH, FL | REBA KIRAN AILANI | | | 15.61 | | 15.61 |
| AKBAR, NASREEN ZAFER | TAMPA, FL | NASREEN ZAFER AKBAR | | | 99.59 | | 99.59 |
| AKIL, BISHIER M | NEW YORK, NY | BISHIER M AKIL | | | 14.04 | | 14.04 |
| ALAVI, GELAREH KHAJENOOR | FAIRFAX, VA | GELAREH KHAJENOOR ALAVI | | | 13.32 | | 13.32 |
| ALCOULOU MRE, MARCIA SUE | LONG BEACH, CA | MARCIA SUE ALCOULOU MRE | | | 10.23 | | 10.23 |
| ALDRICH, JENNIFER LEE | WYNNWOOD, PA | JENNIFER LEE ALDRICH | | | 31.08 | | 31.08 |
| ALEXANDER, NEBU THOMAS | HILLSBOROUGH, NJ | NEBU THOMAS ALEXANDER | | | 13.29 | | 13.29 |
| ALEXANDRE, SERGE LEFEVRE | DELRAY BEACH, FL | SERGE LEFEVRE ALEXANDRE | | | 26.86 | | 26.86 |
| ALI, AMJAD MOHAMMED | LOUISVILLE, KY | AMJAD MOHAMMED ALI | | | 30.63 | | 30.63 |
| ALI, AWOL YIMER | FREDERICKSBURG, VA | AWOL YIMER ALI | | | 25.73 | | 25.73 |
| ALLEN, BRADY LEE | DALLAS, TX | BRADY LEE ALLEN | | | 28.80 | | 28.80 |
| ALLIMAN, CHRISTOPH R | ALBUQUERQUE, NM | CHRISTOPH R ALLIMAN | | | 15.74 | | 15.74 |
| ALLISON, CHARLES PUTNEY | SAN FRANCISCO, CA | CHARLES PUTNEY ALLISON | | | 44.27 | | 44.27 |
| ALOZIE, OGECHIKA KARL | EL PASO, TX | OGECHIKA KARL ALOZIE | | | 15.33 | | 15.33 |
| ALPERT, PETER LAWRENCE | BRONX, NY | PETER LAWRENCE ALPERT | | | 30.21 | | 30.21 |
| ALRABAA, SALLY FATHI | TAMPA, FL | SALLY FATHI ALRABAA | | | 39.12 | | 39.12 |
| ALTAMIRANO ANGUETA, JESSICA ALEXANDRA | MIAMI SHORES, FL | JESSICA ALEXANDRA ALTAMIRANO ANGUETA | | | 23.00 | | 23.00 |
| ALTIVEROS, ANDREW MARCOS IM | CHICAGO, IL | ANDREW MARCOS IM ALTIVEROS | | | 11.53 | | 11.53 |
| ALVARADO, FERNANDO S | ALTAMONTE SPRINGS, FL | FERNANDO S ALVARADO | | | 13.10 | | 13.10 |
| ALVAREZ, AFRICA P | MARIETTA, GA | AFRICA P ALVAREZ | | | 17.25 | | 17.25 |
| AMENECHI-ENAHORO, SUSAN A | BRONX, NY | SUSAN A AMENECHI-ENAHORO | | | 39.15 | | 39.15 |
| AMISIAL, JEAN MICHEL | MIAMI, FL | JEAN MICHEL AMISIAL | | | 19.81 | | 19.81 |
| AMOROSO, ANTHONY S | BALTIMORE, MD | ANTHONY S AMOROSO | | 3,000.00 | 181.44 | | 3,181.44 |
| AMOS, JANINE M | CHICAGO, IL | JANINE M AMOS | | | 17.21 | | 17.21 |
| ANANDAKRISHNAN, RAJASHREE Y | FRANKLIN PARK, NJ | RAJASHREE Y ANANDAKRISHNAN | | | 10.38 | | 10.38 |
| ANASTASIO, PATRICK J | FORT WALTON BEACH, FL | PATRICK J ANASTASIO | | | 14.60 | | 14.60 |



Expenses Paid to US Based Healthcare Professionals

1st Quarter 2013

| Healthcare Professional | Location | Payee Name | Consulting | Speaker Program | Business Meals | Business Travel | Total Spend |
|---------------------------------------|-----------------------|--------------------------------------|------------|-----------------|----------------|-----------------|-------------|
| ABBUD, RITA A | LORAIN, OH | RITA A ABBUD | | | 15.36 | | 15.36 |
| ABDU NAFI, SALADIN ABDU | NEWARK, NJ | SALADIN ABDU ABDU NAFI | | | 27.16 | | 27.16 |
| ABDULLAH, GHAZANFAR SYED | BRONX, NY | GHAZANFAR SYED ABDULLAH | | | 44.36 | | 44.36 |
| ABIAD, HOMER DEGUJA | PHOENIX, IL | HOMER DEGUJA ABIAD | | | 20.54 | | 20.54 |
| ABRIOLA, KENNETH PATRICK | GLASTONBURY, CT | KENNETH PATRICK ABRIOLA | | 1,500.00 | 124.65 | | 1,624.65 |
| ACRI, TRISHA LYNN | SHARON HILL, PA | TRISHA LYNN ACRI | | | 13.65 | | 13.65 |
| ADAMS, HARRY GLENN | GREENVILLE, NC | HARRY GLENN ADAMS | | | 52.79 | | 52.79 |
| ADAMS, JAMES MELVIN | BEVERLY HILLS, CA | JAMES MELVIN ADAMS | | | 94.19 | | 94.19 |
| ADAMS, STEPHEN RICHARD | SPRINGFIELD, MO | STEPHEN RICHARD ADAMS | | | 14.49 | | 14.49 |
| ADEDIRAN, ABAYOMI SEGUN | WARSAW, NC | ABAYOMI SEGUN ADEDIRAN | | | 11.46 | | 11.46 |
| ADLER, CHARLTON LANCE | MIAMI, FL | CHARLTON LANCE ADLER | | | 14.29 | | 14.29 |
| ADUAKO, CECILIA DYLLIS BO | SHELTON, CT | CECILIA DYLLIS BO ADUAKO | | | 24.72 | | 24.72 |
| AFABLE, JESSICA GABRIEL | PALM SPRINGS, CA | JESSICA GABRIEL AFABLE | | | 4.68 | | 4.68 |
| AFRIDI, MUHAMMAD SHOAB | NEWARK, NJ | MUHAMMAD SHOAB AFRIDI | | | 22.86 | | 22.86 |
| AFROZE, ANEES FATIMA | SPRINGFIELD, MO | ANEES FATIMA AFROZE | | | 11.89 | | 11.89 |
| AFZAL, MUHAMMAD A | ANDERSON, IN | MUHAMMAD A AFZAL | | | 13.32 | | 13.32 |
| AGARWAL, SHANU A | AKRON, OH | SHANU A AGARWAL | | | 44.41 | | 44.41 |
| AGRAWAL, AARTI SHRINIWAS | NORFOLK, VA | AARTI SHRINIWAS AGRAWAL | | | 12.71 | | 12.71 |
| AGRAWAL, MANJU JALAN | LOS ANGELES, CA | MANJU JALAN AGRAWAL | | | 20.23 | | 20.23 |
| AHLGRIM, HEIDI SWYGARD | DURHAM, NC | HEIDI SWYGARD AHLGRIM | | | 74.95 | | 74.95 |
| AHMAD, SHARJUEL | HARTFORD, CT | SHARJUEL AHMAD | | | 24.88 | | 24.88 |
| AHRENS, JOHN CHAS | VINELAND, NJ | JOHN CHAS AHRENS | | | 31.31 | | 31.31 |
| AILANI, RAJESH KANAYALAL | NEW SMYRNA BEACH, FL | RAJESH KANAYALAL AILANI | | | 15.61 | | 15.61 |
| AILANI, REBA KIRAN | NEW SMYRNA BEACH, FL | REBA KIRAN AILANI | | | 15.61 | | 15.61 |
| AKBAR, NASREEN ZAFER | TAMPA, FL | NASREEN ZAFER AKBAR | | | 99.59 | | 99.59 |
| AKIL, BISHIER M | NEW YORK, NY | BISHIER M AKIL | | | 14.04 | | 14.04 |
| ALAVI, GELAREH KHAJENOOR | FAIRFAX, VA | GELAREH KHAJENOOR ALAVI | | | 13.32 | | 13.32 |
| ALCOULOU MRE, MARCIA SUE | LONG BEACH, CA | MARCIA SUE ALCOULOU MRE | | | 10.23 | | 10.23 |
| ALDRICH, JENNIFER LEE | WYNNWOOD, PA | JENNIFER LEE ALDRICH | | | 31.08 | | 31.08 |
| ALEXANDER, NEBU THOMAS | HILLSBOROUGH, NJ | NEBU THOMAS ALEXANDER | | | 13.29 | | 13.29 |
| ALEXANDRE, SERGE LEFEVRE | DELRAY BEACH, FL | SERGE LEFEVRE ALEXANDRE | | | 26.86 | | 26.86 |
| ALI, AMJAD MOHAMMED | LOUISVILLE, KY | AMJAD MOHAMMED ALI | | | 30.63 | | 30.63 |
| ALI, AWOL YIMER | FREDERICKSBURG, VA | AWOL YIMER ALI | | | 25.73 | | 25.73 |
| ALLEN, BRADY LEE | DALLAS, TX | BRADY LEE ALLEN | | | 28.80 | | 28.80 |
| ALLIMAN, CHRISTOPH R | ALBUQUERQUE, NM | CHRISTOPH R ALLIMAN | | | 15.74 | | 15.74 |
| ALLISON, CHARLES PUTNEY | SAN FRANCISCO, CA | CHARLES PUTNEY ALLISON | | | 44.27 | | 44.27 |
| ALOZIE, OGECHIKA KARL | EL PASO, TX | OGECHIKA KARL ALOZIE | | | 15.33 | | 15.33 |
| ALPERT, PETER LAWRENCE | BRONX, NY | PETER LAWRENCE ALPERT | | | 30.21 | | 30.21 |
| ALRABAA, SALLY FATHI | TAMPA, FL | SALLY FATHI ALRABAA | | | 39.12 | | 39.12 |
| ALTAMIRANO ANGUETA, JESSICA ALEXANDRA | MIAMI SHORES, FL | JESSICA ALEXANDRA ALTAMIRANO ANGUETA | | | 23.00 | | 23.00 |
| ALTIVEROS, ANDREW MARCOS IM | CHICAGO, IL | ANDREW MARCOS IM ALTIVEROS | | | 11.53 | | 11.53 |
| ALVARADO, FERNANDO S | ALTAMONTE SPRINGS, FL | FERNANDO S ALVARADO | | | 13.10 | | 13.10 |
| ALVAREZ, AFRICA P | MARIETTA, GA | AFRICA P ALVAREZ | | | 17.25 | | 17.25 |
| AMENECHI-ENAHORO, SUSAN A | BRONX, NY | SUSAN A AMENECHI-ENAHORO | | | 39.15 | | 39.15 |
| AMISIAL, JEAN MICHEL | MIAMI, FL | JEAN MICHEL AMISIAL | | | 19.81 | | 19.81 |
| AMOROSO, ANTHONY S | BALTIMORE, MD | ANTHONY S AMOROSO | | 3,000.00 | 181.44 | | 3,181.44 |
| AMOS, JANINE M | CHICAGO, IL | JANINE M AMOS | | | 17.21 | | 17.21 |
| ANANDAKRISHNAN, RAJASHREE Y | FRANKLIN PARK, NJ | RAJASHREE Y ANANDAKRISHNAN | | | 10.38 | | 10.38 |
| ANASTASIO, PATRICK J | FORT WALTON BEACH, FL | PATRICK J ANASTASIO | | | 14.60 | | 14.60 |



Expenses Paid to US Based Healthcare Professionals

1st Quarter 2013

| Healthcare Professional | Location | Payee Name | Consulting | Speaker Program | Business Meals | Business Travel | Total Spend |
|---------------------------------------|-----------------------|--------------------------------------|------------|-----------------|----------------|-----------------|-------------|
| ABBUD, RITA A | LORAIN, OH | RITA A ABBUD | | | 15.36 | | 15.36 |
| ABDU NAFI, SALADIN ABDU | NEWARK, NJ | SALADIN ABDU ABDU NAFI | | | 27.16 | | 27.16 |
| ABDULLAH, GHAZANFAR SYED | BRONX, NY | GHAZANFAR SYED ABDULLAH | | | 44.36 | | 44.36 |
| ABIAD, HOMER DEGUIA | PHOENIX, IL | HOMER DEGUIA ABIAD | | | 20.54 | | 20.54 |
| ABRIOLA, KENNETH PATRICK | GLASTONBURY, CT | KENNETH PATRICK ABRIOLA | | 1,500.00 | 124.65 | | 1,624.65 |
| ACRI, TRISHA LYNN | SHARON HILL, PA | TRISHA LYNN ACRI | | | 13.65 | | 13.65 |
| ADAMS, HARRY GLENN | GREENVILLE, NC | HARRY GLENN ADAMS | | | 52.79 | | 52.79 |
| ADAMS, JAMES MELVIN | BEVERLY HILLS, CA | JAMES MELVIN ADAMS | | | 94.19 | | 94.19 |
| ADAMS, STEPHEN RICHARD | SPRINGFIELD, MO | STEPHEN RICHARD ADAMS | | | 14.49 | | 14.49 |
| ADEDIRAN, ABAYOMI SEGUN | WARSAW, NC | ABAYOMI SEGUN ADEDIRAN | | | 11.46 | | 11.46 |
| ADLER, CHARLTON LANCE | MIAMI, FL | CHARLTON LANCE ADLER | | | 14.29 | | 14.29 |
| ADUAKO, CECILIA DYLLIS BO | SHELTON, CT | CECILIA DYLLIS BO ADUAKO | | | 24.72 | | 24.72 |
| AFABLE, JESSICA GABRIEL | PALM SPRINGS, CA | JESSICA GABRIEL AFABLE | | | 4.68 | | 4.68 |
| AFRIDI, MUHAMMAD SHOAB | NEWARK, NJ | MUHAMMAD SHOAB AFRIDI | | | 22.86 | | 22.86 |
| AFROZE, ANEES FATIMA | SPRINGFIELD, MO | ANEES FATIMA AFROZE | | | 11.89 | | 11.89 |
| AFZAL, MUHAMMAD A | ANDERSON, IN | MUHAMMAD A AFZAL | | | 13.32 | | 13.32 |
| AGARWAL, SHANU A | AKRON, OH | SHANU A AGARWAL | | | 44.41 | | 44.41 |
| AGRAWAL, AARTI SHRINIWAS | NORFOLK, VA | AARTI SHRINIWAS AGRAWAL | | | 12.71 | | 12.71 |
| AGRAWAL, MANJU JALAN | LOS ANGELES, CA | MANJU JALAN AGRAWAL | | | 20.23 | | 20.23 |
| AHLGRIM, HEIDI SWYGARD | DURHAM, NC | HEIDI SWYGARD AHLGRIM | | | 74.95 | | 74.95 |
| AHMAD, SHARJUEL | HARTFORD, CT | SHARJUEL AHMAD | | | 24.88 | | 24.88 |
| AHRENS, JOHN CHAS | VINELAND, NJ | JOHN CHAS AHRENS | | | 31.31 | | 31.31 |
| AILANI, RAJESH KANAYALAL | NEW SMYRNA BEACH, FL | RAJESH KANAYALAL AILANI | | | 15.61 | | 15.61 |
| AILANI, REBA KIRAN | NEW SMYRNA BEACH, FL | REBA KIRAN AILANI | | | 15.61 | | 15.61 |
| AKBAR, NASREEN ZAFER | TAMPA, FL | NASREEN ZAFER AKBAR | | | 99.59 | | 99.59 |
| AKIL, BISHIER M | NEW YORK, NY | BISHIER M AKIL | | | 14.04 | | 14.04 |
| ALAVI, GELAREH KHAJENOOR | FAIRFAX, VA | GELAREH KHAJENOOR ALAVI | | | 13.32 | | 13.32 |
| ALCOULOU MRE, MARCIA SUE | LONG BEACH, CA | MARCIA SUE ALCOULOU MRE | | | 10.23 | | 10.23 |
| ALDRICH, JENNIFER LEE | WYNNWOOD, PA | JENNIFER LEE ALDRICH | | | 31.08 | | 31.08 |
| ALEXANDER, NEBU THOMAS | HILLSBOROUGH, NJ | NEBU THOMAS ALEXANDER | | | 13.29 | | 13.29 |
| ALEXANDRE, SERGE LEFEVRE | DELRAY BEACH, FL | SERGE LEFEVRE ALEXANDRE | | | 26.86 | | 26.86 |
| ALI, AMJAD MOHAMMED | LOUISVILLE, KY | AMJAD MOHAMMED ALI | | | 30.63 | | 30.63 |
| ALI, AWOL YIMER | FREDERICKSBURG, VA | AWOL YIMER ALI | | | 25.73 | | 25.73 |
| ALLEN, BRADY LEE | DALLAS, TX | BRADY LEE ALLEN | | | 28.80 | | 28.80 |
| ALLIMAN, CHRISTOPH R | ALBUQUERQUE, NM | CHRISTOPH R ALLIMAN | | | 15.74 | | 15.74 |
| ALLISON, CHARLES PUTNEY | SAN FRANCISCO, CA | CHARLES PUTNEY ALLISON | | | 44.27 | | 44.27 |
| ALOZIE, OGECHIKA KARL | EL PASO, TX | OGECHIKA KARL ALOZIE | | | 15.33 | | 15.33 |
| ALPERT, PETER LAWRENCE | BRONX, NY | PETER LAWRENCE ALPERT | | | 30.21 | | 30.21 |
| ALRABAA, SALLY FATHI | TAMPA, FL | SALLY FATHI ALRABAA | | | 39.12 | | 39.12 |
| ALTAMIRANO ANGUETA, JESSICA ALEXANDRA | MIAMI SHORES, FL | JESSICA ALEXANDRA ALTAMIRANO ANGUETA | | | 23.00 | | 23.00 |
| ALTIVEROS, ANDREW MARCOS IM | CHICAGO, IL | ANDREW MARCOS IM ALTIVEROS | | | 11.53 | | 11.53 |
| ALVARADO, FERNANDO S | ALTAMONTE SPRINGS, FL | FERNANDO S ALVARADO | | | 13.10 | | 13.10 |
| ALVAREZ, AFRICA P | MARIETTA, GA | AFRICA P ALVAREZ | | | 17.25 | | 17.25 |
| AMENECHI-ENAHORO, SUSAN A | BRONX, NY | SUSAN A AMENECHI-ENAHORO | | | 39.15 | | 39.15 |
| AMISIAL, JEAN MICHEL | MIAMI, FL | JEAN MICHEL AMISIAL | | | 19.81 | | 19.81 |
| AMOROSO, ANTHONY S | BALTIMORE, MD | ANTHONY S AMOROSO | | 3,000.00 | 181.44 | | 3,181.44 |
| AMOS, JANINE M | CHICAGO, IL | JANINE M AMOS | | | 17.21 | | 17.21 |
| ANANDAKRISHNAN, RAJASHREE Y | FRANKLIN PARK, NJ | RAJASHREE Y ANANDAKRISHNAN | | | 10.38 | | 10.38 |
| ANASTASIO, PATRICK J | FORT WALTON BEACH, FL | PATRICK J ANASTASIO | | | 14.60 | | 14.60 |



Expenses Paid to US Based Healthcare Professionals

1st Quarter 2013

| Healthcare Professional | Location | Payee Name | Consulting | Speaker Program | Business Meals | Business Travel | Total Spend |
|---------------------------------------|-----------------------|--------------------------------------|------------|-----------------|----------------|-----------------|-------------|
| ABBUD, RITA A | LORAIN, OH | RITA A ABBUD | | | 15.36 | | 15.36 |
| ABDU NAFI, SALADIN ABDU | NEWARK, NJ | SALADIN ABDU ABDU NAFI | | | 27.16 | | 27.16 |
| ABDULLAH, GHAZANFAR SYED | BRONX, NY | GHAZANFAR SYED ABDULLAH | | | 44.36 | | 44.36 |
| ABIAD, HOMER DEGUIA | PHOENIX, IL | HOMER DEGUIA ABIAD | | | 20.54 | | 20.54 |
| ABRIOLA, KENNETH PATRICK | GLASTONBURY, CT | KENNETH PATRICK ABRIOLA | | 1,500.00 | 124.65 | | 1,624.65 |
| ACRI, TRISHA LYNN | SHARON HILL, PA | TRISHA LYNN ACRI | | | 13.65 | | 13.65 |
| ADAMS, HARRY GLENN | GREENVILLE, NC | HARRY GLENN ADAMS | | | 52.79 | | 52.79 |
| ADAMS, JAMES MELVIN | BEVERLY HILLS, CA | JAMES MELVIN ADAMS | | | 94.19 | | 94.19 |
| ADAMS, STEPHEN RICHARD | SPRINGFIELD, MO | STEPHEN RICHARD ADAMS | | | 14.49 | | 14.49 |
| ADEDIRAN, ABAYOMI SEGUN | WARSAW, NC | ABAYOMI SEGUN ADEDIRAN | | | 11.46 | | 11.46 |
| ADLER, CHARLTON LANCE | MIAMI, FL | CHARLTON LANCE ADLER | | | 14.29 | | 14.29 |
| ADUAKO, CECILIA DYLLIS BO | SHELTON, CT | CECILIA DYLLIS BO ADUAKO | | | 24.72 | | 24.72 |
| AFABLE, JESSICA GABRIEL | PALM SPRINGS, CA | JESSICA GABRIEL AFABLE | | | 4.68 | | 4.68 |
| AFRIDI, MUHAMMAD SHOAB | NEWARK, NJ | MUHAMMAD SHOAB AFRIDI | | | 22.86 | | 22.86 |
| AFROZE, ANEES FATIMA | SPRINGFIELD, MO | ANEES FATIMA AFROZE | | | 11.89 | | 11.89 |
| AFZAL, MUHAMMAD A | ANDERSON, IN | MUHAMMAD A AFZAL | | | 13.32 | | 13.32 |
| AGARWAL, SHANU A | AKRON, OH | SHANU A AGARWAL | | | 44.41 | | 44.41 |
| AGRAWAL, AARTI SHRINIWAS | NORFOLK, VA | AARTI SHRINIWAS AGRAWAL | | | 12.71 | | 12.71 |
| AGRAWAL, MANJU JALAN | LOS ANGELES, CA | MANJU JALAN AGRAWAL | | | 20.23 | | 20.23 |
| AHLGRIM, HEIDI SWYGARD | DURHAM, NC | HEIDI SWYGARD AHLGRIM | | | 74.95 | | 74.95 |
| AHMAD, SHARJUEL | HARTFORD, CT | SHARJUEL AHMAD | | | 24.88 | | 24.88 |
| AHRENS, JOHN CHAS | VINELAND, NJ | JOHN CHAS AHRENS | | | 31.31 | | 31.31 |
| AILANI, RAJESH KANAYALAL | NEW SMYRNA BEACH, FL | RAJESH KANAYALAL AILANI | | | 15.61 | | 15.61 |
| AILANI, REBA KIRAN | NEW SMYRNA BEACH, FL | REBA KIRAN AILANI | | | 15.61 | | 15.61 |
| AKBAR, NASREEN ZAFER | TAMPA, FL | NASREEN ZAFER AKBAR | | | 99.59 | | 99.59 |
| AKIL, BISHIER M | NEW YORK, NY | BISHIER M AKIL | | | 14.04 | | 14.04 |
| ALAVI, GELAREH KHAJENOOR | FAIRFAX, VA | GELAREH KHAJENOOR ALAVI | | | 13.32 | | 13.32 |
| ALCOULOU MRE, MARCIA SUE | LONG BEACH, CA | MARCIA SUE ALCOULOU MRE | | | 10.23 | | 10.23 |
| ALDRICH, JENNIFER LEE | WYNNWOOD, PA | JENNIFER LEE ALDRICH | | | 31.08 | | 31.08 |
| ALEXANDER, NEBU THOMAS | HILLSBOROUGH, NJ | NEBU THOMAS ALEXANDER | | | 13.29 | | 13.29 |
| ALEXANDRE, SERGE LEFEVRE | DELRAY BEACH, FL | SERGE LEFEVRE ALEXANDRE | | | 26.86 | | 26.86 |
| ALI, AMJAD MOHAMMED | LOUISVILLE, KY | AMJAD MOHAMMED ALI | | | 30.63 | | 30.63 |
| ALI, AWOL YIMER | FREDERICKSBURG, VA | AWOL YIMER ALI | | | 25.73 | | 25.73 |
| ALLEN, BRADY LEE | DALLAS, TX | BRADY LEE ALLEN | | | 28.80 | | 28.80 |
| ALLIMAN, CHRISTOPH R | ALBUQUERQUE, NM | CHRISTOPH R ALLIMAN | | | 15.74 | | 15.74 |
| ALLISON, CHARLES PUTNEY | SAN FRANCISCO, CA | CHARLES PUTNEY ALLISON | | | 44.27 | | 44.27 |
| ALOZIE, OGECHIKA KARL | EL PASO, TX | OGECHIKA KARL ALOZIE | | | 15.33 | | 15.33 |
| ALPERT, PETER LAWRENCE | BRONX, NY | PETER LAWRENCE ALPERT | | | 30.21 | | 30.21 |
| ALRABAA, SALLY FATHI | TAMPA, FL | SALLY FATHI ALRABAA | | | 39.12 | | 39.12 |
| ALTAMIRANO ANGUETA, JESSICA ALEXANDRA | MIAMI SHORES, FL | JESSICA ALEXANDRA ALTAMIRANO ANGUETA | | | 23.00 | | 23.00 |
| ALTIVEROS, ANDREW MARCOS IM | CHICAGO, IL | ANDREW MARCOS IM ALTIVEROS | | | 11.53 | | 11.53 |
| ALVARADO, FERNANDO S | ALTAMONTE SPRINGS, FL | FERNANDO S ALVARADO | | | 13.10 | | 13.10 |
| ALVAREZ, AFRICA P | MARIETTA, GA | AFRICA P ALVAREZ | | | 17.25 | | 17.25 |
| AMENECHI-ENAHORO, SUSAN A | BRONX, NY | SUSAN A AMENECHI-ENAHORO | | | 39.15 | | 39.15 |
| AMISIAL, JEAN MICHEL | MIAMI, FL | JEAN MICHEL AMISIAL | | | 19.81 | | 19.81 |
| AMOROSO, ANTHONY S | BALTIMORE, MD | ANTHONY S AMOROSO | | 3,000.00 | 181.44 | | 3,181.44 |
| AMOS, JANINE M | CHICAGO, IL | JANINE M AMOS | | | 17.21 | | 17.21 |
| ANANDAKRISHNAN, RAJASHREE Y | FRANKLIN PARK, NJ | RAJASHREE Y ANANDAKRISHNAN | | | 10.38 | | 10.38 |
| ANASTASIO, PATRICK J | FORT WALTON BEACH, FL | PATRICK J ANASTASIO | | | 14.60 | | 14.60 |



Expenses Paid to US Based Healthcare Professionals

1st Quarter 2013

| Healthcare Professional | Location | Payee Name | Consulting | Speaker Program | Business Meals | Business Travel | Total Spend |
|---------------------------------------|-----------------------|--------------------------------------|------------|-----------------|----------------|-----------------|-------------|
| ABBUD, RITA A | LORAIN, OH | RITA A ABBUD | | | 15.36 | | 15.36 |
| ABDU NAFI, SALADIN ABDU | NEWARK, NJ | SALADIN ABDU ABDU NAFI | | | 27.16 | | 27.16 |
| ABDULLAH, GHAZANFAR SYED | BRONX, NY | GHAZANFAR SYED ABDULLAH | | | 44.36 | | 44.36 |
| ABIAD, HOMER DEGUIA | PHOENIX, IL | HOMER DEGUIA ABIAD | | | 20.54 | | 20.54 |
| ABRIOLA, KENNETH PATRICK | GLASTONBURY, CT | KENNETH PATRICK ABRIOLA | | 1,500.00 | 124.65 | | 1,624.65 |
| ACRI, TRISHA LYNN | SHARON HILL, PA | TRISHA LYNN ACRI | | | 13.65 | | 13.65 |
| ADAMS, HARRY GLENN | GREENVILLE, NC | HARRY GLENN ADAMS | | | 52.79 | | 52.79 |
| ADAMS, JAMES MELVIN | BEVERLY HILLS, CA | JAMES MELVIN ADAMS | | | 94.19 | | 94.19 |
| ADAMS, STEPHEN RICHARD | SPRINGFIELD, MO | STEPHEN RICHARD ADAMS | | | 14.49 | | 14.49 |
| ADEDIRAN, ABAYOMI SEGUN | WARSAW, NC | ABAYOMI SEGUN ADEDIRAN | | | 11.46 | | 11.46 |
| ADLER, CHARLTON LANCE | MIAMI, FL | CHARLTON LANCE ADLER | | | 14.29 | | 14.29 |
| ADUAKO, CECILIA DYLLIS BO | SHELTON, CT | CECILIA DYLLIS BO ADUAKO | | | 24.72 | | 24.72 |
| AFABLE, JESSICA GABRIEL | PALM SPRINGS, CA | JESSICA GABRIEL AFABLE | | | 4.68 | | 4.68 |
| AFRIDI, MUHAMMAD SHOAB | NEWARK, NJ | MUHAMMAD SHOAB AFRIDI | | | 22.86 | | 22.86 |
| AFROZE, ANEES FATIMA | SPRINGFIELD, MO | ANEES FATIMA AFROZE | | | 11.89 | | 11.89 |
| AFZAL, MUHAMMAD A | ANDERSON, IN | MUHAMMAD A AFZAL | | | 13.32 | | 13.32 |
| AGARWAL, SHANU A | AKRON, OH | SHANU A AGARWAL | | | 44.41 | | 44.41 |
| AGRAWAL, AARTI SHRINIWAS | NORFOLK, VA | AARTI SHRINIWAS AGRAWAL | | | 12.71 | | 12.71 |
| AGRAWAL, MANJU JALAN | LOS ANGELES, CA | MANJU JALAN AGRAWAL | | | 20.23 | | 20.23 |
| AHLGRIM, HEIDI SWYGARD | DURHAM, NC | HEIDI SWYGARD AHLGRIM | | | 74.95 | | 74.95 |
| AHMAD, SHARJUEL | HARTFORD, CT | SHARJUEL AHMAD | | | 24.88 | | 24.88 |
| AHRENS, JOHN CHAS | VINELAND, NJ | JOHN CHAS AHRENS | | | 31.31 | | 31.31 |
| AILANI, RAJESH KANAYALAL | NEW SMYRNA BEACH, FL | RAJESH KANAYALAL AILANI | | | 15.61 | | 15.61 |
| AILANI, REBA KIRAN | NEW SMYRNA BEACH, FL | REBA KIRAN AILANI | | | 15.61 | | 15.61 |
| AKBAR, NASREEN ZAFER | TAMPA, FL | NASREEN ZAFER AKBAR | | | 99.59 | | 99.59 |
| AKIL, BISHIER M | NEW YORK, NY | BISHIER M AKIL | | | 14.04 | | 14.04 |
| ALAVI, GELAREH KHAJENOOR | FAIRFAX, VA | GELAREH KHAJENOOR ALAVI | | | 13.32 | | 13.32 |
| ALCOULOU MRE, MARCIA SUE | LONG BEACH, CA | MARCIA SUE ALCOULOU MRE | | | 10.23 | | 10.23 |
| ALDRICH, JENNIFER LEE | WYNNWOOD, PA | JENNIFER LEE ALDRICH | | | 31.08 | | 31.08 |
| ALEXANDER, NEBU THOMAS | HILLSBOROUGH, NJ | NEBU THOMAS ALEXANDER | | | 13.29 | | 13.29 |
| ALEXANDRE, SERGE LEFEVRE | DELRAY BEACH, FL | SERGE LEFEVRE ALEXANDRE | | | 26.86 | | 26.86 |
| ALI, AMJAD MOHAMMED | LOUISVILLE, KY | AMJAD MOHAMMED ALI | | | 30.63 | | 30.63 |
| ALI, AWOL YIMER | FREDERICKSBURG, VA | AWOL YIMER ALI | | | 25.73 | | 25.73 |
| ALLEN, BRADY LEE | DALLAS, TX | BRADY LEE ALLEN | | | 28.80 | | 28.80 |
| ALLIMAN, CHRISTOPH R | ALBUQUERQUE, NM | CHRISTOPH R ALLIMAN | | | 15.74 | | 15.74 |
| ALLISON, CHARLES PUTNEY | SAN FRANCISCO, CA | CHARLES PUTNEY ALLISON | | | 44.27 | | 44.27 |
| ALOZIE, OGECHIKA KARL | EL PASO, TX | OGECHIKA KARL ALOZIE | | | 15.33 | | 15.33 |
| ALPERT, PETER LAWRENCE | BRONX, NY | PETER LAWRENCE ALPERT | | | 30.21 | | 30.21 |
| ALRABAA, SALLY FATHI | TAMPA, FL | SALLY FATHI ALRABAA | | | 39.12 | | 39.12 |
| ALTAMIRANO ANGUETA, JESSICA ALEXANDRA | MIAMI SHORES, FL | JESSICA ALEXANDRA ALTAMIRANO ANGUETA | | | 23.00 | | 23.00 |
| ALTIVEROS, ANDREW MARCOS IM | CHICAGO, IL | ANDREW MARCOS IM ALTIVEROS | | | 11.53 | | 11.53 |
| ALVARADO, FERNANDO S | ALTAMONTE SPRINGS, FL | FERNANDO S ALVARADO | | | 13.10 | | 13.10 |
| ALVAREZ, AFRICA P | MARIETTA, GA | AFRICA P ALVAREZ | | | 17.25 | | 17.25 |
| AMENECHI-ENAHORO, SUSAN A | BRONX, NY | SUSAN A AMENECHI-ENAHORO | | | 39.15 | | 39.15 |
| AMISIAL, JEAN MICHEL | MIAMI, FL | JEAN MICHEL AMISIAL | | | 19.81 | | 19.81 |
| AMOROSO, ANTHONY S | BALTIMORE, MD | ANTHONY S AMOROSO | | 3,000.00 | 181.44 | | 3,181.44 |
| AMOS, JANINE M | CHICAGO, IL | JANINE M AMOS | | | 17.21 | | 17.21 |
| ANANDAKRISHNAN, RAJASHREE Y | FRANKLIN PARK, NJ | RAJASHREE Y ANANDAKRISHNAN | | | 10.38 | | 10.38 |
| ANASTASIO, PATRICK J | FORT WALTON BEACH, FL | PATRICK J ANASTASIO | | | 14.60 | | 14.60 |



Expenses Paid to US Based Healthcare Professionals

1st Quarter 2013

| Healthcare Professional | Location | Payee Name | Consulting | Speaker Program | Business Meals | Business Travel | Total Spend |
|---------------------------------------|-----------------------|--------------------------------------|------------|-----------------|----------------|-----------------|-------------|
| ABBUD, RITA A | LORAIN, OH | RITA A ABBUD | | | 15.36 | | 15.36 |
| ABDU NAFI, SALADIN ABDU | NEWARK, NJ | SALADIN ABDU ABDU NAFI | | | 27.16 | | 27.16 |
| ABDULLAH, GHAZANFAR SYED | BRONX, NY | GHAZANFAR SYED ABDULLAH | | | 44.36 | | 44.36 |
| ABIAD, HOMER DEGUIA | PHOENIX, IL | HOMER DEGUIA ABIAD | | | 20.54 | | 20.54 |
| ABRIOLA, KENNETH PATRICK | GLASTONBURY, CT | KENNETH PATRICK ABRIOLA | | 1,500.00 | 124.65 | | 1,624.65 |
| ACRI, TRISHA LYNN | SHARON HILL, PA | TRISHA LYNN ACRI | | | 13.65 | | 13.65 |
| ADAMS, HARRY GLENN | GREENVILLE, NC | HARRY GLENN ADAMS | | | 52.79 | | 52.79 |
| ADAMS, JAMES MELVIN | BEVERLY HILLS, CA | JAMES MELVIN ADAMS | | | 94.19 | | 94.19 |
| ADAMS, STEPHEN RICHARD | SPRINGFIELD, MO | STEPHEN RICHARD ADAMS | | | 14.49 | | 14.49 |
| ADEDIRAN, ABAYOMI SEGUN | WARSAW, NC | ABAYOMI SEGUN ADEDIRAN | | | 11.46 | | 11.46 |
| ADLER, CHARLTON LANCE | MIAMI, FL | CHARLTON LANCE ADLER | | | 14.29 | | 14.29 |
| ADUAKO, CECILIA DYLLIS BO | SHELTON, CT | CECILIA DYLLIS BO ADUAKO | | | 24.72 | | 24.72 |
| AFABLE, JESSICA GABRIEL | PALM SPRINGS, CA | JESSICA GABRIEL AFABLE | | | 4.68 | | 4.68 |
| AFRIDI, MUHAMMAD SHOAB | NEWARK, NJ | MUHAMMAD SHOAB AFRIDI | | | 22.86 | | 22.86 |
| AFROZE, ANEES FATIMA | SPRINGFIELD, MO | ANEES FATIMA AFROZE | | | 11.89 | | 11.89 |
| AFZAL, MUHAMMAD A | ANDERSON, IN | MUHAMMAD A AFZAL | | | 13.32 | | 13.32 |
| AGARWAL, SHANU A | AKRON, OH | SHANU A AGARWAL | | | 44.41 | | 44.41 |
| AGRAWAL, AARTI SHRINIWAS | NORFOLK, VA | AARTI SHRINIWAS AGRAWAL | | | 12.71 | | 12.71 |
| AGRAWAL, MANJU JALAN | LOS ANGELES, CA | MANJU JALAN AGRAWAL | | | 20.23 | | 20.23 |
| AHLGRIM, HEIDI SWYGARD | DURHAM, NC | HEIDI SWYGARD AHLGRIM | | | 74.95 | | 74.95 |
| AHMAD, SHARJUEL | HARTFORD, CT | SHARJUEL AHMAD | | | 24.88 | | 24.88 |
| AHRENS, JOHN CHAS | VINELAND, NJ | JOHN CHAS AHRENS | | | 31.31 | | 31.31 |
| AILANI, RAJESH KANAYALAL | NEW SMYRNA BEACH, FL | RAJESH KANAYALAL AILANI | | | 15.61 | | 15.61 |
| AILANI, REBA KIRAN | NEW SMYRNA BEACH, FL | REBA KIRAN AILANI | | | 15.61 | | 15.61 |
| AKBAR, NASREEN ZAFER | TAMPA, FL | NASREEN ZAFER AKBAR | | | 99.59 | | 99.59 |
| AKIL, BISHER M | NEW YORK, NY | BISHER M AKIL | | | 14.04 | | 14.04 |
| ALAVI, GELAREH KHAJENOOR | FAIRFAX, VA | GELAREH KHAJENOOR ALAVI | | | 13.32 | | 13.32 |
| ALCOULOU MRE, MARCIA SUE | LONG BEACH, CA | MARCIA SUE ALCOULOU MRE | | | 10.23 | | 10.23 |
| ALDRICH, JENNIFER LEE | WYNNWOOD, PA | JENNIFER LEE ALDRICH | | | 31.08 | | 31.08 |
| ALEXANDER, NEBU THOMAS | HILLSBOROUGH, NJ | NEBU THOMAS ALEXANDER | | | 13.29 | | 13.29 |
| ALEXANDRE, SERGE LEFEVRE | DELRAY BEACH, FL | SERGE LEFEVRE ALEXANDRE | | | 26.86 | | 26.86 |
| ALI, AMJAD MOHAMMED | LOUISVILLE, KY | AMJAD MOHAMMED ALI | | | 30.63 | | 30.63 |
| ALI, AWOL YIMER | FREDERICKSBURG, VA | AWOL YIMER ALI | | | 25.73 | | 25.73 |
| ALLEN, BRADY LEE | DALLAS, TX | BRADY LEE ALLEN | | | 28.80 | | 28.80 |
| ALLIMAN, CHRISTOPH R | ALBUQUERQUE, NM | CHRISTOPH R ALLIMAN | | | 15.74 | | 15.74 |
| ALLISON, CHARLES PUTNEY | SAN FRANCISCO, CA | CHARLES PUTNEY ALLISON | | | 44.27 | | 44.27 |
| ALOZIE, OGECHIKA KARL | EL PASO, TX | OGECHIKA KARL ALOZIE | | | 15.33 | | 15.33 |
| ALPERT, PETER LAWRENCE | BRONX, NY | PETER LAWRENCE ALPERT | | | 30.21 | | 30.21 |
| ALRABAA, SALLY FATHI | TAMPA, FL | SALLY FATHI ALRABAA | | | 39.12 | | 39.12 |
| ALTAMIRANO ANGUETA, JESSICA ALEXANDRA | MIAMI SHORES, FL | JESSICA ALEXANDRA ALTAMIRANO ANGUETA | | | 23.00 | | 23.00 |
| ALTIVEROS, ANDREW MARCOS IM | CHICAGO, IL | ANDREW MARCOS IM ALTIVEROS | | | 11.53 | | 11.53 |
| ALVARADO, FERNANDO S | ALTAMONTE SPRINGS, FL | FERNANDO S ALVARADO | | | 13.10 | | 13.10 |
| ALVAREZ, AFRICA P | MARIETTA, GA | AFRICA P ALVAREZ | | | 17.25 | | 17.25 |
| AMENECHI-ENAHORO, SUSAN A | BRONX, NY | SUSAN A AMENECHI-ENAHORO | | | 39.15 | | 39.15 |
| AMISIAL, JEAN MICHEL | MIAMI, FL | JEAN MICHEL AMISIAL | | | 19.81 | | 19.81 |
| AMOROSO, ANTHONY S | BALTIMORE, MD | ANTHONY S AMOROSO | | 3,000.00 | 181.44 | | 3,181.44 |
| AMOS, JANINE M | CHICAGO, IL | JANINE M AMOS | | | 17.21 | | 17.21 |
| ANANDAKRISHNAN, RAJASHREE Y | FRANKLIN PARK, NJ | RAJASHREE Y ANANDAKRISHNAN | | | 10.38 | | 10.38 |
| ANASTASIO, PATRICK J | FORT WALTON BEACH, FL | PATRICK J ANASTASIO | | | 14.60 | | 14.60 |

| Healthcare Professional | Location | Payee Name | Consulting | Speaker Program | Business Meals | Business Travel | Total Spend |
|---------------------------------------|-----------------------|--------------------------------------|-------------------|------------------------|-----------------------|------------------------|--------------------|
| ABBUD, RITA A | LORAIN, OH | RITA A ABBUD | | | 15.36 | | 15.36 |
| ABDU NAFI, SALADIN ABDU | NEWARK, NJ | SALADIN ABDU ABDU NAFI | | | 27.16 | | 27.16 |
| ABDULLAH, GHAZANFAR SYED | BRONX, NY | GHAZANFAR SYED ABDULLAH | | | 44.36 | | 44.36 |
| ABIAD, HOMER DEGUIA | PHOENIX, IL | HOMER DEGUIA ABIAD | | | 20.54 | | 20.54 |
| ABRIOLA, KENNETH PATRICK | GLASTONBURY, CT | KENNETH PATRICK ABRIOLA | | 1,500.00 | 124.65 | | 1,624.65 |
| ACRI, TRISHA LYNN | SHARON HILL, PA | TRISHA LYNN ACRI | | | 13.65 | | 13.65 |
| ADAMS, HARRY GLENN | GREENVILLE, NC | HARRY GLENN ADAMS | | | 52.79 | | 52.79 |
| ADAMS, JAMES MELVIN | BEVERLY HILLS, CA | JAMES MELVIN ADAMS | | | 94.19 | | 94.19 |
| ADAMS, STEPHEN RICHARD | SPRINGFIELD, MO | STEPHEN RICHARD ADAMS | | | 14.49 | | 14.49 |
| ADEDIRAN, ABAYOMI SEGUN | WARSAW, NC | ABAYOMI SEGUN ADEDIRAN | | | 11.46 | | 11.46 |
| ADLER, CHARLTON LANCE | MIAMI, FL | CHARLTON LANCE ADLER | | | 14.29 | | 14.29 |
| ADUAKO, CECILIA DYLLIS BO | SHELTON, CT | CECILIA DYLLIS BO ADUAKO | | | 24.72 | | 24.72 |
| AFABLE, JESSICA GABRIEL | PALM SPRINGS, CA | JESSICA GABRIEL AFABLE | | | 4.68 | | 4.68 |
| AFRIDI, MUHAMMAD SHOAB | NEWARK, NJ | MUHAMMAD SHOAB AFRIDI | | | 22.86 | | 22.86 |
| AFROZE, ANEES FATIMA | SPRINGFIELD, MO | ANEES FATIMA AFROZE | | | 11.89 | | 11.89 |
| AFZAL, MUHAMMAD A | ANDERSON, IN | MUHAMMAD A AFZAL | | | 13.32 | | 13.32 |
| AGARWAL, SHANU A | AKRON, OH | SHANU A AGARWAL | | | 44.41 | | 44.41 |
| AGRAWAL, AARTI SHRINIWAS | NORFOLK, VA | AARTI SHRINIWAS AGRAWAL | | | 12.71 | | 12.71 |
| AGRAWAL, MANJU JALAN | LOS ANGELES, CA | MANJU JALAN AGRAWAL | | | 20.23 | | 20.23 |
| AHLGRIM, HEIDI SWYGARD | DURHAM, NC | HEIDI SWYGARD AHLGRIM | | | 74.95 | | 74.95 |
| AHMAD, SHARJUEL | HARTFORD, CT | SHARJUEL AHMAD | | | 24.88 | | 24.88 |
| AHRENS, JOHN CHAS | VINELAND, NJ | JOHN CHAS AHRENS | | | 31.31 | | 31.31 |
| AILANI, RAJESH KANAYALAL | NEW SMYRNA BEACH, FL | RAJESH KANAYALAL AILANI | | | 15.61 | | 15.61 |
| AILANI, REBA KIRAN | NEW SMYRNA BEACH, FL | REBA KIRAN AILANI | | | 15.61 | | 15.61 |
| AKBAR, NASREEN ZAFER | TAMPA, FL | NASREEN ZAFER AKBAR | | | 99.59 | | 99.59 |
| AKIL, BISHIER M | NEW YORK, NY | BISHIER M AKIL | | | 14.04 | | 14.04 |
| ALAVI, GELAREH KHAJENoor | FAIRFAX, VA | GELAREH KHAJENoor ALAVI | | | 13.32 | | 13.32 |
| ALCOULOUmRE, MARCIA SUE | LONG BEACH, CA | MARCIA SUE ALCOULOUmRE | | | 10.23 | | 10.23 |
| ALDRICH, JENNIFER LEE | WYNNWOOD, PA | JENNIFER LEE ALDRICH | | | 31.08 | | 31.08 |
| ALEXANDER, NEBU THOMAS | HILLSBOROUGH, NJ | NEBU THOMAS ALEXANDER | | | 13.29 | | 13.29 |
| ALEXANDRE, SERGE LEFEVRE | DELRAY BEACH, FL | SERGE LEFEVRE ALEXANDRE | | | 26.86 | | 26.86 |
| ALI, AMJAD MOHAMMED | LOUISVILLE, KY | AMJAD MOHAMMED ALI | | | 30.63 | | 30.63 |
| ALI, AWOL YIMER | FREDERICKSBURG, VA | AWOL YIMER ALI | | | 25.73 | | 25.73 |
| ALLEN, BRADY LEE | DALLAS, TX | BRADY LEE ALLEN | | | 28.80 | | 28.80 |
| ALLIMAN, CHRISTOPH R | ALBUQUERQUE, NM | CHRISTOPH R ALLIMAN | | | 15.74 | | 15.74 |
| ALLISON, CHARLES PUTNEY | SAN FRANCISCO, CA | CHARLES PUTNEY ALLISON | | | 44.27 | | 44.27 |
| ALOZIE, OGECHIKA KARL | EL PASO, TX | OGECHIKA KARL ALOZIE | | | 15.33 | | 15.33 |
| ALPERT, PETER LAWRENCE | BRONX, NY | PETER LAWRENCE ALPERT | | | 30.21 | | 30.21 |
| ALRABAA, SALLY FATHI | TAMPA, FL | SALLY FATHI ALRABAA | | | 39.12 | | 39.12 |
| ALTAMIRANO ANGUETA, JESSICA ALEXANDRA | MIAMI SHORES, FL | JESSICA ALEXANDRA ALTAMIRANO ANGUETA | | | 23.00 | | 23.00 |
| ALTIVEROS, ANDREW MARCOS IM | CHICAGO, IL | ANDREW MARCOS IM ALTIVEROS | | | 11.53 | | 11.53 |
| ALVARADO, FERNANDO S | ALTAMONTE SPRINGS, FL | FERNANDO S ALVARADO | | | 13.10 | | 13.10 |
| ALVAREZ, AFRICA P | MARIETTA, GA | AFRICA P ALVAREZ | | | 17.25 | | 17.25 |
| AMENECHI-ENAHORO, SUSAN A | BRONX, NY | SUSAN A AMENECHI-ENAHORO | | | 39.15 | | 39.15 |
| AMISIAL, JEAN MICHEL | MIAMI, FL | JEAN MICHEL AMISIAL | | | 19.81 | | 19.81 |
| AMOROSO, ANTHONY S | BALTIMORE, MD | ANTHONY S AMOROSO | | 3,000.00 | 181.44 | | 3,181.44 |
| AMOS, JANINE M | CHICAGO, IL | JANINE M AMOS | | | 17.21 | | 17.21 |
| ANANDAKRISHNAN, RAJASHREE Y | FRANKLIN PARK, NJ | RAJASHREE Y ANANDAKRISHNAN | | | 10.38 | | 10.38 |
| ANASTASIO, PATRICK J | FORT WALTON BEACH, FL | PATRICK J ANASTASIO | | | 14.60 | | 14.60 |

Two Algorithms

1. “Original”:

- Ignores lines
- Only uses text positions, specifically “rivers” of white space where there are no characters
- Don’t select “spanning” headers!

Extraction Method:

Original

Spreadsheet

2. “spreadsheet”:

- uses only lines, ignores characters
- uses computational geometry to construct cell locations from the lines.
- can find spanning cells

Extraction Method:

Original

Spreadsheet

| | | | IEM Findings | | | | | | |
|---|-----------------------------|---|---|------------------------|--|----------------------------------|---|---|--|
| FLA Code/ Compliance issue | Country Law/Legal Reference | FLA Benchmark | Non-compliance | Risk of Non-compliance | Evidence of Non-compliance (un corroborated) | If not corroborated, explain why | Sources/Documentation used for corroborating | Notable Features implemented by Factory Management or Company | |
| PPE | 29CFR1910 | Workers shall wear appropriate protective equipment (such as gloves, eye protection, hearing protection, respiratory protection, etc.) to prevent unsafe exposure (such as inhalation or contact with solvent vapors, noise, dust, etc.) to hazardous elements including medical waste. | Usage of PPE for hearing protection is not enforced where required. | | | | Observed by monitoring team and employer safety coordinator | | |
| 7. Freedom of Association and Collective Bargaining | | | | | | | | | |
| Employers will recognize and respect the right of employees to freedom of association and collective bargaining | | | | | | | | | |
| 8. Wages and Benefits | | | | | | | | | |
| Employers recognize that wages are essential to meeting employees' basic needs. Employers will pay employees, as a base, at least the minimum wage required by local law or the prevailing industry wage, whichever is higher, and will provide legally mandated benefits | | | | | | | | | |
| 9. Hours of Work | | | | | | | | | |
| Except in extraordinary business circumstances, employees will (i) not be required to work more than the lesser of (a) 48 hours per week and 12 hours overtime or (b) the limits on regular and overtime hours allowed by the law of the country of manufacture or, where the laws of such country will not limit the hours of work, the regular work week in such country plus 12 hours overtime; and (ii) be entitled to at least one day off in every seven day period | | | | | | | | | |
| 10. Overtime Compensation | | | | | | | | | |
| In addition to their compensation for regular hours of work, employees will be compensated for overtime hours at such premium rate as is legally required in the country of manufacture or, in those countries where such laws will not exist, at a rate at least equal to their regular hourly compensation rate. | | | | | | | | | |
| Miscellaneous | | | | | | | | | |
| Other Recordkeeping | 8 USC 1324a | I-9's must be filled out completely | Some I-9's need updating | | | | | | |

Download: <http://github.com/jazzido/tabula>

¡Muchas Gracias!

@tabulaPDF

@manuelaristaran

@jeremybmerrill

@mtigas