

FedTransaction Analyzer®

Sample Preformatted Reports



1) Instructions Tab from Excel Download

2) Data Reports

- 2a) User_Specified_Report:** Data is sorted by the criteria you specify. Data contained in this report is based on the Master Account structure at the time of report creation.
- 2b) Time of Day Activity Dashboard:** The time of day activity tables show your institution's sent/received/on-us wires by hour of the calendar day and day of the week. Two tables in the Excel[®] tab provide volume and net value for each time/day increment. Cell data represents the number of wires or net value in that category based on filter selections.
- 2c) Bene ID Research:** The beneficiary identifier research tab provides a listing of beneficiary identifiers (including those used by your clients if your institution is the beneficiary's bank) for those wires your institution received during the reporting period. The identifiers are ordered by total volume of wires received.
- 2d) Origin ID Research:** The originator identifier research tab provides a listing of originator identifiers (including those for your clients if your institution is the originator's bank) for those wires your institution sent during the reporting period. The identifiers are ordered by total volume of wires sent.
- 2e) Activity by ISO Country Code:** The chart summarizes activity (value/volume) by ISO[®] country code for wires that include a SWIFT[®] Business Identifier Code (BIC) for either the originator's bank or the beneficiary's bank. The ISO country code is a component of the BIC.

3) Management Dashboard Reports

- 3a) Organization Dashboard:** Distribution Over Time, Top Transactions by Value and Volume, Average Transactions, Top Percentiles, Transactions by Business Function and Outliers.
- 3b) Customer Dashboard:** Same data as for Organization Dashboard but for one selected customer only
- 3c) Customer Activity Report:** Originated and Received Transactions by customer name within a date range

1) Instructions Tab from Excel Download

FedTransaction Analyzer[®] Service

<u>Worksheet Recap</u>	<p>Data is sorted by the criteria you specify. Data contained in this report is based on the Master Account structure at the time of report creation.</p> <p>ABA # 310926618 Institution Name Sample Bank</p> <p style="text-align: right;">Create Management Reports: Organization Dashboard ▼</p> <p style="text-align: right; color: red; font-size: small;">(Reports are available in Excel[®] version 2007 or later)</p>		
	<p>Search Criteria</p> <p>Date Range From: 04/01/2016 To: 06/30/2016 Transaction Value Range From: N/A To: N/A User John Doe - User Submission Date 08/08/2016 17:10:11 Number of Entries 17065</p>	<p>Advanced Search</p> <p>Sender ABA N/A Receiver ABA N/A IMAD Number N/A</p>	
<u>Create Preformatted Reports</u>	<p>To create the preformatted reports please enable the macros by clicking Options on the Message Bar (a security dialog box opens). Once macros are enabled use the drop-down buttons above to select the desired report. (See below for a description of the available reports.) The selected report will then be automatically generated. Depending on the number of transactions and computer speed it may take several minutes to generate the worksheets.</p>		
<u>Data Reports</u>	<p>User_Specified_Report Data is sorted by the criteria you specify. Data contained in this report is based on the Master Account structure at the time of report creation.</p> <p>Time of Day Activity Dashboard The time of day activity tables show your institution's sent/received/on-us wires by hour of the calendar day and day of the week. Two tables in the Excel tab provide volume and net value for each time/day increment. Cell data represents the number of wires or net value in that category based on...</p> <p>Bene ID Research The beneficiary identifier research tab provides a listing of beneficiary identifiers (including those used by your clients if your institution is the beneficiary's bank) for those wires your institution received during the reporting period. The identifiers are ordered by total volume of wires received.</p> <p>Origin ID Research The originator identifier research tab provides a listing of originator identifiers (including those for your clients if your institution is the originator's bank) for those wires your institution sent during the reporting period. The identifiers are ordered by total volume of wires sent.</p> <p>Activity by ISO Country Code The chart summarizes activity (value/volume) by ISO country code for wires that include a SWIFT Business Identifier Code (BIC) for either the originator's bank or the beneficiary's bank. The ISO country code is a component of the BIC.</p>		
<u>Management Reports</u>	<p>Organization_Dashboard Distribution Over Time, Top Transactions by Value and Volume, Average Transactions, Top Percentiles, Transactions by Business Function and Outliers.</p> <p>Customer_Dashboard Same as Dashboard but for one selected customer only. (This report does not combine wire activity when names do not match exactly)</p> <p>Customer_Activity Originated and Received Transactions by Customer within date range. (This report does not combine wire activity when names do not match exactly)</p>		
<u>Disclaimer</u>	<p>The reports generated by this service contain post-processing information from actual Fedwire[®] Funds Service transactions and should be handled accordingly by your institution. Your use of this service is subject to the terms and conditions in the appendix to Operating Circular 1 that relates to this service.</p> <p style="text-align: center; font-size: small;">"FedTransaction Analyzer" and "Fedwire" are registered service marks of the Federal Reserve Banks. A complete list of marks owned by the Federal Reserve Banks is available at FRBservices.org. "Excel" is a registered trademark or trademark of Microsoft Corporation in the U.S. and/or other countries. For questions please call the Customer Contact Center at (888) 333-7010.</p> <p style="text-align: center;">Please visit the FedTransaction Analyzer[®] web page for a full summary of the service.</p>		

2a) Data Report: User-specified Report

Note: Provides over 30 columns of data in sort order specified by user – no sample shown.

2b) Data Report: Time of Day Activity Dashboard

Payment Date	(All)	The volume activity by day and time table
Business Function Payment Code	(All)	below provides easy access to wires
Beneficiary's Account Type	(All)	sent/received by your institution in the
Beneficiary's FI Code	(All)	given time/day slot. The left column is time
Originator's Account Type	(All)	of day from midnight to 11:59 p.m. ET and
Originator's FI Code	(All)	the top row is day of week by name. The
Instructing FI Code	(All)	Fedwire Funds Service operates 21.5 hours
Intermediary Bank Code	(All)	each business day from 9:00 p.m. ET on the
Sent or Received or On-Us	(All)	preceding calendar day to 6:30 p.m. ET (subject to any extensions granted). The

Total Wire Volume	Day of Week						Grand Total	
Time of Day	Sun	Mon	Tue	Wed	Thu	Fri	Grand Total	
12:00 AM ET		2	3	2	4		11	
1:00 AM ET			5	2	4	6	17	
2:00 AM ET		1	11		3	5	20	
3:00 AM ET		4	3		2	1	10	
4:00 AM ET		6	6	4	6		22	
5:00 AM ET		11	10	19	5	25	70	
6:00 AM ET		21	6	4	1	8	40	
7:00 AM ET		14	9	14	11	19	67	
8:00 AM ET		69	64	68	126	89	416	
9:00 AM ET		360	431	486	435	485	2197	
10:00 AM ET		505	438	483	423	674	2523	
11:00 AM ET		406	419	479	429	476	2209	
12:00 PM ET		295	337	342	319	378	1671	
1:00 PM ET		302	278	271	246	334	1431	
2:00 PM ET		318	354	304	347	361	1684	
3:00 PM ET		310	337	295	350	380	1672	
4:00 PM ET		262	243	308	310	408	1531	
5:00 PM ET		128	154	145	126	341	894	
6:00 PM ET			1	1	1	10	13	
9:00 PM ET		22	102	88	264	88	564	
10:00 PM ET				1			1	
11:00 PM ET		2					2	
Grand Total		24	3116	3198	3491	3236	4000	17065

Top 10% for the time and day period
Bottom 10% for the time and day period
1 standard deviation above average time/day period
1 standard deviation below average time/day period

Payment Date	(All)	The value activity by day and time table below provides easy access to wires sent/received by your
Business Function Payment Code	(All)	institution in the given time/day slot. The left column is time of day from midnight to 11:59 p.m. ET and
Beneficiary's Account Type	(All)	the top row is day of week by name. The Fedwire Funds Service operates 21.5 hours each business day
Beneficiary's FI Code	(All)	from 9:00 p.m. ET on the preceding calendar day to 6:30 p.m. ET (subject to any extensions granted).
Originator's Account Type	(All)	The table reflects calendar day. Cells in the table are highlighted based on the parameters in the
Originator's FI Code	(All)	legend below the table. Data filters are available for all fields showing a drop down arrow. Filters allow
Instructing FI Code	(All)	you to limit data (e.g. by business function code, wire direction, hour of the day). Data in the cell
Intermediary Bank Code	(All)	represents the average net value in that category. Double clicking the cell content shows detailed wire
Sent or Received or On-Us	(All)	information for that category.

Average Net Value	Day of Week						Grand Total	
Time of Day	Sun	Mon	Tue	Wed	Thu	Fri	Grand Total	
12:00 AM ET		\$33,000.00	\$16,633.33	\$0.00	\$0.00		\$10,536.36	
1:00 AM ET			\$9,980.00	\$175.82	\$6,500.27	\$2,783.48	\$5,467.86	
2:00 AM ET		\$6,005.20	\$82,947.91		\$12,618.84	\$3,706.67	\$48,741.10	
3:00 AM ET		\$17,501.96	\$567.49		\$0.00	\$891.22	\$7,260.16	
4:00 AM ET		\$32,620.47	\$1,563.12	\$3,121.15	\$33,764.37		\$19,098.74	
5:00 AM ET		\$16,960.31	\$27,368.60	\$17,013.94	\$38,765.35	\$50,515.42	\$32,003.24	
6:00 AM ET		\$38,248.86	\$55,447.28	\$145,954.91	\$217.14	\$37,222.90	\$50,443.25	
7:00 AM ET		\$58,346.83	\$178,758.26	\$69,376.90	\$70,310.45	\$29,734.78	\$70,676.60	
8:00 AM ET		\$6,738,596.64	\$7,717,368.31	\$7,275,701.52	\$12,952,973.39	\$965,634.92	\$7,624,131.25	
9:00 AM ET		\$4,900,091.74	(\$519,091.48)	\$1,821,184.08	(\$2,297,542.22)	(\$2,576,375.94)	\$80,303.53	
10:00 AM ET		\$1,425,071.35	\$2,151,842.05	\$44,921.71	\$1,160,961.17	\$4,320,453.21	\$2,016,225.55	
11:00 AM ET		\$1,118,231.84	(\$2,035,071.96)	\$603,270.66	\$355,999.61	(\$1,642,593.72)	(\$334,484.91)	
12:00 PM ET		\$4,784,721.82	\$1,297,393.16	\$55,106.72	(\$612,255.23)	\$657,022.40	\$1,149,375.21	
1:00 PM ET		(\$2,356,232.23)	\$935,291.27	\$233,567.93	\$2,378,121.26	(\$618,221.39)	(\$6,808.08)	
2:00 PM ET		\$1,094,501.02	(\$124,885.71)	\$797,878.19	(\$96,692.36)	\$702,780.29	\$455,194.89	
3:00 PM ET		\$10,229,642.78	\$6,660,745.64	\$12,478,764.01	\$3,013,677.08	\$3,415,077.50	\$6,847,854.28	
4:00 PM ET		(\$483,790.66)	\$2,672,644.39	\$413,742.92	\$3,987,724.49	\$4,453,210.70	\$2,418,835.28	
5:00 PM ET		(\$7,940,126.06)	(\$5,705,425.86)	(\$1,565,391.03)	(\$1,579,147.96)	\$107,119.46	(\$2,555,255.40)	
6:00 PM ET			(\$17,561.74)	(\$2,000.00)	(\$99,318.34)	(\$270,194.67)	(\$216,986.68)	
9:00 PM ET		\$28,155.59	\$6,191.18	\$229.73	\$92.80	\$244.94	\$2,335.45	
10:00 PM ET				\$938.72			\$938.72	
11:00 PM ET		\$0.00					\$0.00	
Grand Total		\$25,809.29	\$2,080,069.75	\$948,013.80	\$1,603,782.75	\$1,151,352.11	\$1,103,177.30	\$1,362,505.42

Top 10% for the time and day period
Bottom 10% for the time and day period
1 standard deviation above average time/day period
1 standard deviation below average time/day period

2c) Data Report: *Bene ID Research*

Sender Name	(All)
Sender ABA	(All)
Originator's Account Type	(All)
Receiver ABA Name	(All)
Receiver ABA	(All)
Beneficiary's Account Type	(All)
Beneficiary's FI Identifier	(All)
Beneficiary's FI Name	(All)
Intermediary Bank Identifier	(All)
Intermediary Bank Name	(All)
Sent or Received or On-Us	(Multiple Items)

This report lists and summarizes wire activity (value/volume) by beneficiary identifier and business function code. By default, only wires your institution received and on-us wires are displayed. You can query the beneficiary identifier list using filters in the top left corner of the worksheet. Filter options allow you to view the beneficiary identifier for wires you sent as well. When you click the + icon next to an identifier, details related to the wire(s) are displayed. Double clicking a cell in the table opens an additional worksheet containing detailed wire information.

Beneficiary Identifier	Column Labels	BTR	CTP	CTR	DRC	SVC	Total Volume	Total Value
	Volume							
697586637			490	121			611	\$21,879,122.53
822343000								
822343000								
Orig3308					528	\$67,392,870.82	528	\$67,392,870.82
Beneficiary4518					528	\$67,392,870.82	528	\$67,392,870.82
373200685			138	90		1	229	\$34,805,615.59
360938454			41	135		1	177	\$28,541,159.91
	58	\$14,459,707.90	12	13		83	166	\$24,893,930.58
845502414	74	\$2,214,792.54		70			144	\$6,643,769.64
220730793	1	\$244,708.72	18	108			127	\$19,596,807.60
325675833				126			126	\$6,810,500.00

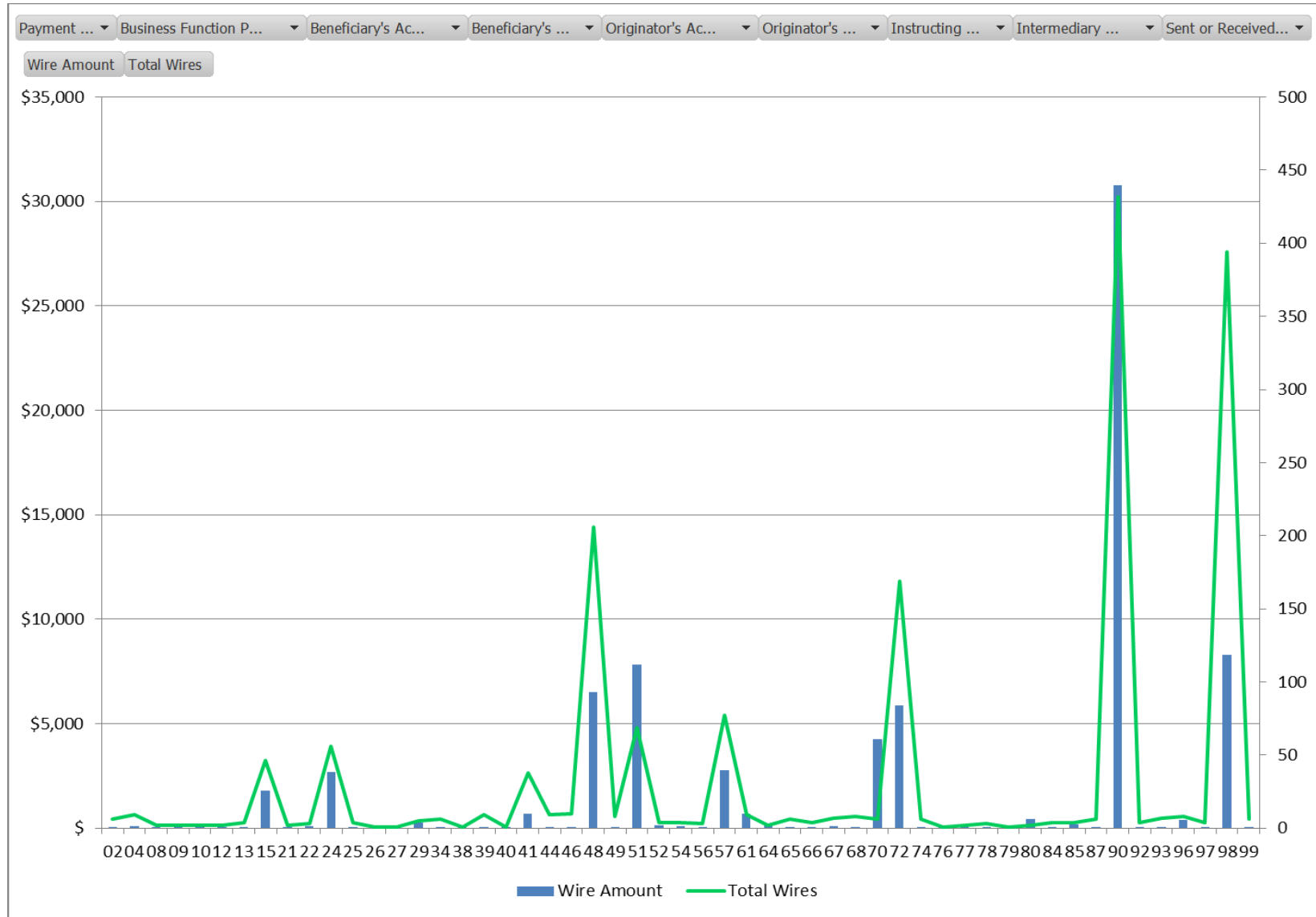
2d) Data Report: Origin ID Research

Sender Name	(All)	▼
Sender ABA	(All)	▼
Originator's Account Type	D	▼
Originator's FI Identifier	(All)	▼
Originator's FI Name	(All)	▼
Instructing FI Identifier	(All)	▼
Instructing FI Name	(All)	▼
Receiver ABA Name	(All)	▼
Receiver ABA	(All)	▼
Beneficiary's Account Type	(All)	▼
Sent or Received or On-Us	(Multiple Items)	▼

This report lists and summarizes wire activity (value/volume) by originator identifier and business function code. By default, only wires your institution sent and on-us wires are displayed. You can query the originator identifier list using filters in the top left corner of the worksheet. When you click the + icon next to an identifier, details related to the wire(s) are displayed. Double clicking a cell in the table opens an additional worksheet containing detailed wire information.

Originator Identifier	Column Labels	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Total Volume	Total Value
	BTR												
696137345						325	\$25,317,969			1	\$40,000	326	\$25,357,969
296943261						251	\$71,202					251	\$71,202
381433519						161	\$974,872					161	\$974,872
373200685						159	\$16,362,970					159	\$16,362,970
346329359						108	\$11,717,199			3	\$343,543	111	\$12,060,741
360938454						92	\$26,429,263					92	\$26,429,263
514600739						86	\$24,859,383					86	\$24,859,383
Beneficiary3458						86	\$24,859,383					86	\$24,859,383
Orig5422						86	\$24,859,383					86	\$24,859,383

2e) Data Report: Activity by ISO Country Code



3a) Management Dashboard Report: *Organization Dashboard* – Sample page 1 of 4

Dashboard Report

Query Search Criteria

Date Range From: 04/01/2016 To: 06/30/2016
 Transaction Value Range From: N/A To: N/A
 User John Doe - User
 Submission Date 08/08/2016 17:10:11
 Number of Entries 17065

Advanced Search

Sender ABA N/A
 Receiver ABA N/A
 IMAD Number N/A

A. Distribution over Time

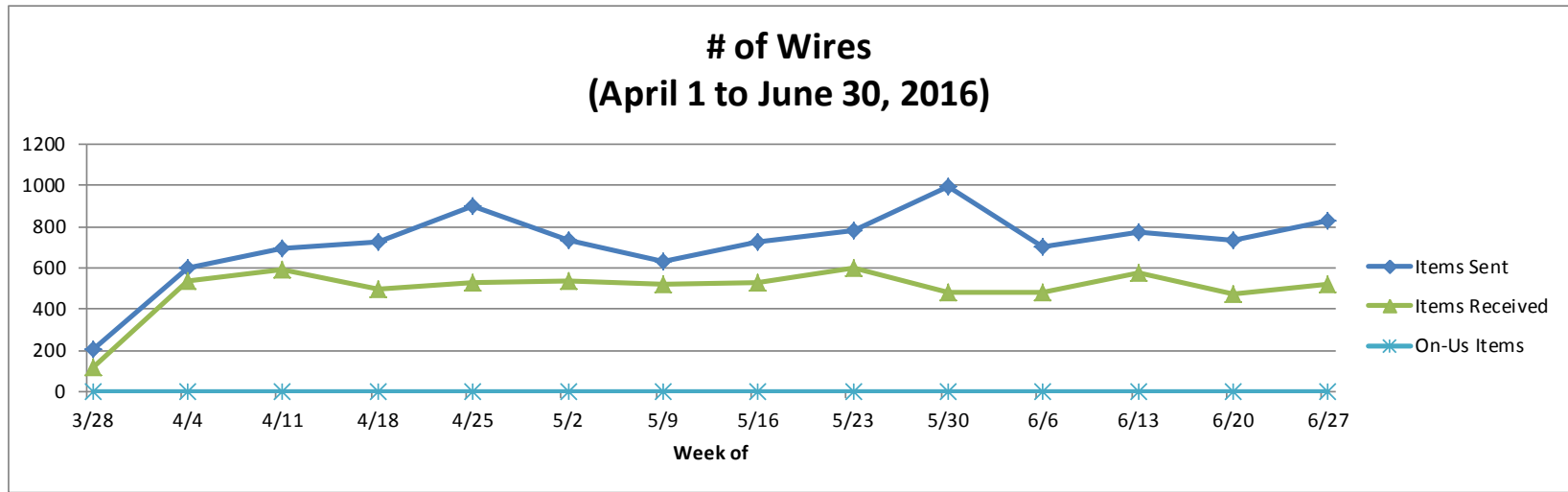


Chart Frequency: Daily Weekly Monthly

	Items Sent	Items Received	On-Us Items
Total # of Transactions	10,025	7,008	32
Total Value of Transactions	(\$2,207,740,133.73)	\$3,049,026,223.70	\$2,089,655.60

3a) Management Dashboard Report: *Organization Dashboard – Sample page 2 of 4*

B. Top Transactions by Value and Volume

Top 5 Transactions

IMAD #	Value	Date
20160628 B1Q8153C 006704	\$143,596,083.21	6/28/2016
20160427 A1Q8153X 006380	\$65,902,218.75	4/27/2016
20160527 A1Q8151X 007679	\$56,795,242.86	5/27/2016
20160613 B1Q8152C 007288	\$48,226,087.26	6/13/2016
20160616 B1Q8154C 007642	\$43,901,080.51	6/16/2016

Top 10 Originators

By Value	Total Value
Orig3906 (310926618)	\$812,240,572.44
Orig3887 (798058262)	\$597,626,024.09
Orig3868 (613312857)	\$580,000,000.00
Orig3901 (310926618)	\$446,245,375.29
Orig3886 ()	\$421,000,000.00
Orig3868 (657824285)	\$317,000,000.00
Orig3910 (310926618)	\$192,797,752.12
Orig4770 (664302281)	\$167,662,198.49
Orig3961 (667090866)	\$163,391,373.60
Orig5014 (568259533)	\$146,781,794.07

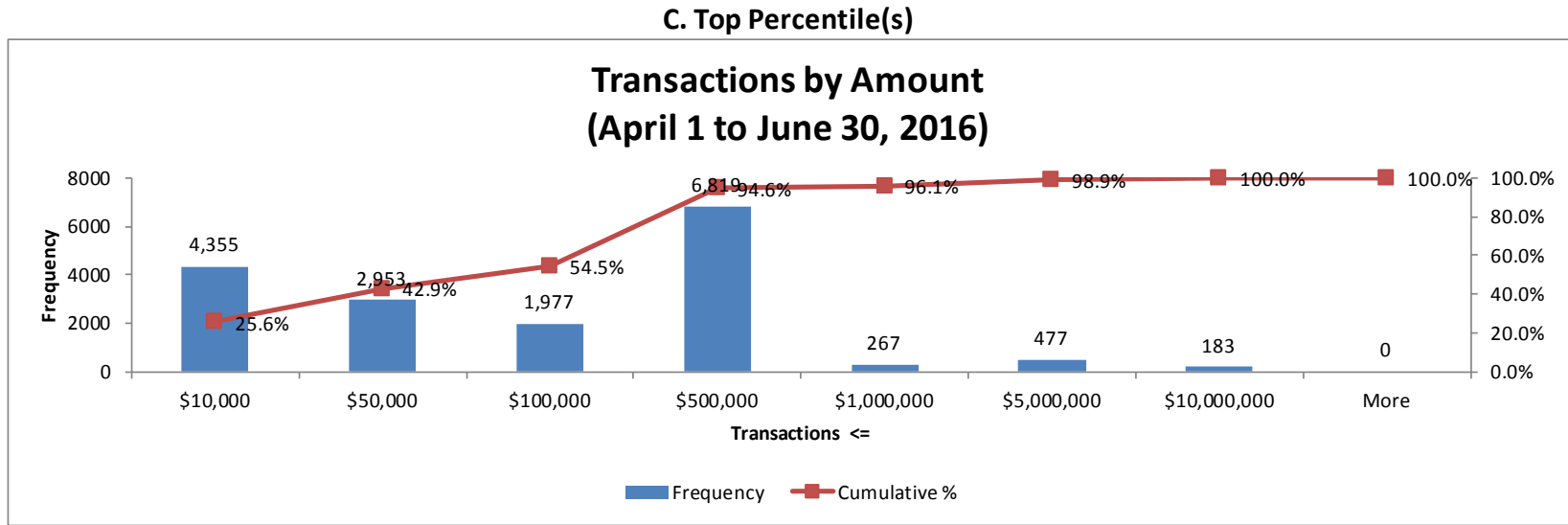
Top 10 Receivers

By Value	Total Value
Beneficiary1619 (613312857)	\$580,000,000.00
Beneficiary1680 (479778571)	\$407,000,000.00
Beneficiary3068 (048369142)	\$365,336,449.53
Beneficiary1619 (657824285)	\$317,000,000.00
Beneficiary3781 (568259533)	\$293,563,588.14
Beneficiary1744 (021451428)	\$232,289,574.56
Beneficiary3264 (004963016)	\$230,000,464.09
Beneficiary1739 (67992385.)	\$213,000,000.00
Beneficiary3254 (828685714)	\$167,662,198.49
Beneficiary1674 (833136857)	\$163,391,373.60

By Volume	Total Volume
Orig3906 (310926618)	3,637
Orig3910 (310926618)	1,334
Orig3308 (822343000)	528
Orig3912 (310926618)	345
Orig3815 (296943261)	263
Orig3523 (696137345)	213
Orig4526 (373200685)	159
Orig3901 (310926618)	136
Orig5278 (386708860)	124
Orig5409 (113453742)	122

By Volume	Total Volume
Beneficiary4518 (822343000)	792
Beneficiary5081 (457795088)	366
Beneficiary1204 (697586637)	224
Beneficiary2848 (056066440)	213
Beneficiary3781 (568259533)	182
Beneficiary2870 (846046605)	161
Beneficiary1 ()	145
Beneficiary118 (665825843)	132
Beneficiary2973 (325675833)	124
Beneficiary2828 (373200685)	114

3a) Management Dashboard Report: *Organization Dashboard* – Sample page 3 of 4



3a) Management Dashboard Report: *Organization Dashboard* – Sample page 4 of 4

D. Transactions by Business Function

Business Function	Total Value	Total Volume	Average Transaction
BTR: Bank Transfer (Beneficiary is a bank)	\$ 1,846,941,514	643	\$ 2,872,382
CKS: Check Same Day Settlement	\$ -	0	n/a
CTP*: Customer Transfer Plus (Beneficiary is not a bank)	\$ 1,049,640,011	2,538	\$ 413,570
CTR*: Customer Transfer (Beneficiary is not a bank)	\$ 2,180,789,938	12,665	\$ 172,190
DEP: Deposit to Sender's Account	\$ -	0	n/a
DRB: Bank-to-bank Drawdown Request	\$ -	0	n/a
DRC: Customer or corporate Drawdown Request	\$ 230,105,655	675	\$ 340,897
DRW: Drawdown Payment	\$ 181,484,550	405	\$ 448,110
FFR: Fed Funds Returned	\$ -	0	n/a
FFS: Fed Funds Sold	\$ -	0	n/a
SVC: Service Message	\$ 13,216,082	139	\$ 95,080
Other	\$ -	0	n/a
GRAND TOTAL	\$ 5,502,177,750	17,065	\$ 322,425

* (Note: Can also be used for Cover Payments)

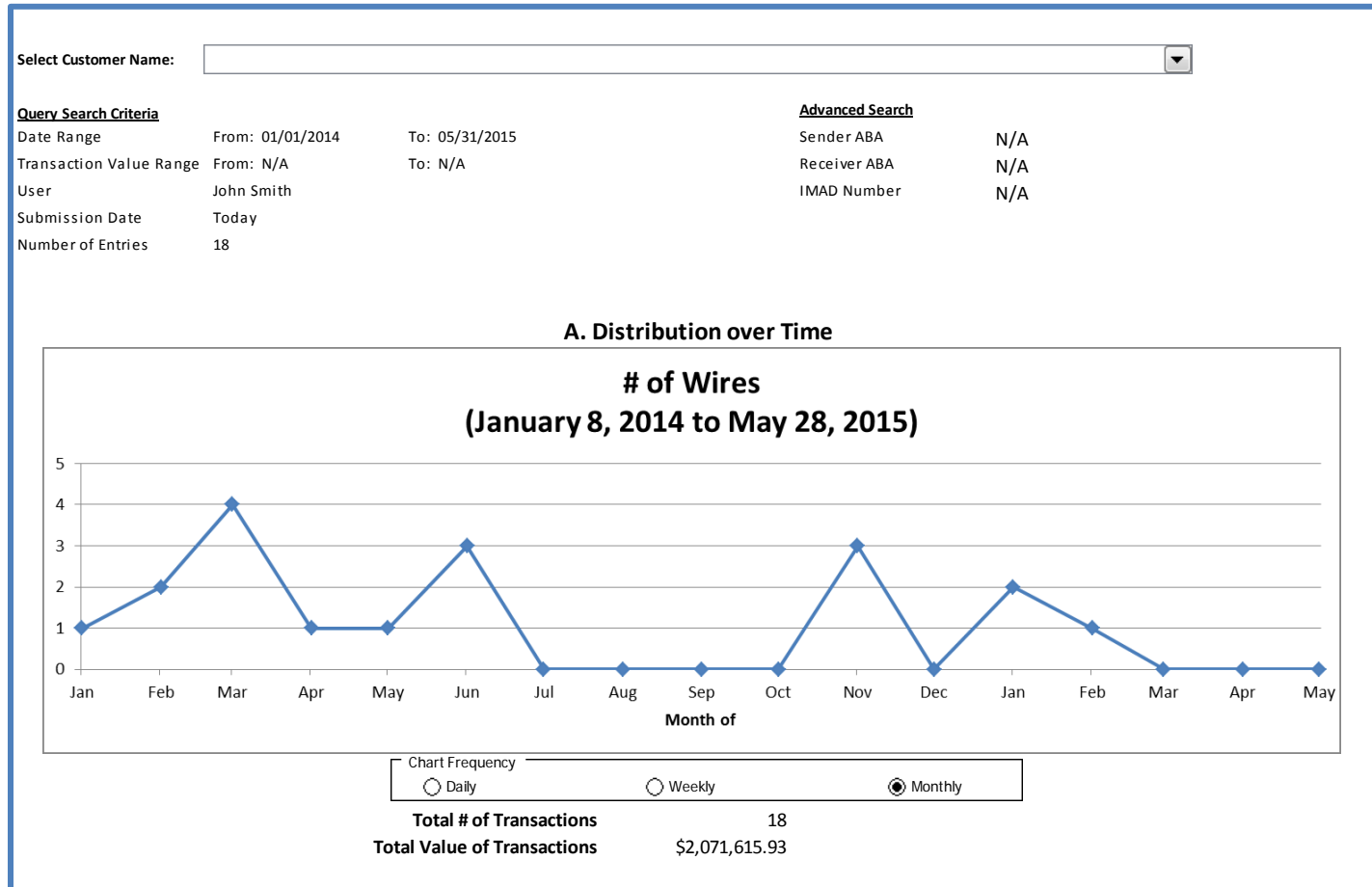
	<u>Origination</u>	<u>Receipt</u>
# of Transactions Above Average	473	720
# of Transactions Below Average	16,592	16,345
# of Transactions 100% Above Average	305	429
# of Transactions 50% Below Average	16,324	16,049

Disclaimer: The reports generated by this service contain post-processing information from actual Fedwire® Funds Service transactions and should be handled accordingly by your institution. Your use of this service is subject to the terms and conditions in the appendix to Operating Circular 1 that relates to this service.

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3b) Management Dashboard Report: *Customer Dashboard* – Sample page 1 of 4

NOTE: same summary data as for Organization Report except for one selected customer only.



3b) Management Dashboard Report: *Customer Dashboard*– Pages 2 of 4

Pages 2 through 4 show same data summaries as the Organization Report except for one selected customer only.

3c) Management Dashboard Report: *Customer Activity Report*

<u>Query Search Criteria</u>				<u>Advanced Search</u>			
Date Range	From: 01/01/2014	To: 05/31/2015	Sender ABA	N/A			
Transaction Value R	From: N/A	To: N/A	Receiver ABA	N/A			
User	John Smith		IMAD Number	N/A			
Submission Date	Today						
Number of Entries	66						

Filter = All

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Customer ID	Customer Name	Source	Total Transaction Value	Total Transaction Volume	Average Transaction Value	# of Transactions Above Average	# of Transactions 100% Above Average
5678	123 Company	Originated	\$1,076,484.16	9	\$119,609.35	2	2
5678	123 Company	Received	\$995,131.77	9	\$110,570.20	2	1
1111	ABC Bank	Originated	\$207,058.79	10	\$20,705.88	2	1
1111	ABC Bank	Received	\$231,866.01	10	\$23,186.60	3	2
321	Jane Doe	Originated	\$1,521,254.86	9	\$169,028.32	2	2
321	Jane Doe	Received	\$2,288,459.33	9	\$254,273.26	3	3
222	John Doe	Originated	\$4,159,683.89	10	\$415,968.39	1	1
222	John Doe	Received	\$5,737,198.57	10	\$573,719.86	2	2
1234	My Bank	Originated	\$2,271,123.95	9	\$252,347.11	2	1
1234	My Bank	Received	\$792,202.57	9	\$88,022.51	3	2
9876	XYZ CU	Originated	\$316,831.38	10	\$31,683.14	2	1
9876	XYZ CU	Received	\$168,510.67	10	\$16,851.07	3	1
456	Your Bank	Originated	\$1,078,593.67	9	\$119,843.74	2	1
456	Your Bank	Received	\$417,661.78	9	\$46,406.86	2	1

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