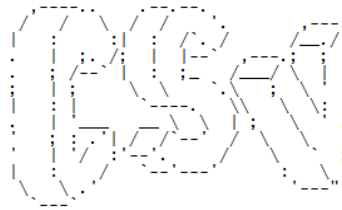


# TREASURY.IO

## Data Dictionary



SOUNDSYSTEM

\*<http://csvsoundsystem.com/>

This file contains an explanation of the tables and items published daily by the U.S. Financial Management Service, as made available by the Treasury.io API:

<http://www.treasury.io/>

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## **General Concept and Purpose**

The Financial Management Service (FMS) is the cash management arm of the U.S. Treasury. It provides central payment services for federal government agencies, manages the government's debt collections and deposits and does the accounting and reporting of its daily operations.

Because the reporting is not provided in a machine-readable format, we've created the Treasury.io API to go through the FMS's statements and make them available to the public in a format that can be easily searched, aggregated and analyzed.

## **Source Data**

Treasury.io downloads and parses the "Daily Treasury Statement" published by the FMS at 4pm each day the U.S. government is open for business.

The Daily Treasury Statement contains the daily cash operations of the United States Treasury: spending, taxing, borrowing, day-by-day, program-by-program. The source files are available for viewing here:

<https://fms.treas.gov/fmsweb/DTSFilesArchiveAction.do>

## **Data Coverage**

Text versions of Daily Treasury Statements are available to June 2005; prior years going back to January 1998 are available in PDF format.

Currently, Treasury.io contains all the text files, going back to 2005; the PDF files are not included in the API output.

## Data Format

Data parsed from the Daily Treasury Statements is stored as a SQLite Version 3 database using the following formats, per SQLite:

- **INTEGER.** The value is a signed integer, stored in 1, 2, 3, 4, 6, or 8 bytes depending on the magnitude of the value.
- **REAL.** The value is a floating point value, stored as an 8-byte IEEE floating point number.
- **TEXT.** The value is a text string, stored using the database encoding (UTF-8, UTF-16BE or UTF-16LE).

For more on the SQLite data formats referenced above, see the SQLite documentation: <http://www.sqlite.org/datatype3.html>

## Data Units

All money amounts presented in the data are in millions of U.S. dollars, rounded to the nearest million. The dollar amounts are not adjusted for inflation.

## Data Structure

Each Daily Treasury Statement contains six sets of tables, which provide the following data:

### Table I T1

Table I summarizes the operating cash balance of the U.S. Treasury. Think of it as Uncle Sam's checkbook balance. This table answers the question, "how much money does Uncle Sam have in his checking account on any given day?"

Below is a screenshot of what Table I looks like in the Daily Treasury Statement:

TABLE I - Operating Cash Balance				
Type of account	Closing balance today	Opening balance		
		Today	This month	This fiscal year
Federal Reserve Account	\$ 96,649	\$ 85,446	\$ 85,446	\$ 85,446
Supplementary Financing Program Account	0	0	0	0
Short-Term Cash Investments (Table V)	0	0	0	0
Total Operating Balance	\$ 96,649	\$ 85,446	\$ 85,446	\$ 85,446

The table sums the different accounts in which the federal government keeps money and sums them into a total cash balance by day, month and fiscal year.

### T1 Fields and Definitions

Table I can be accessed in the Treasury.io API by querying table "T1" – short for Table I. Below are the fields and definitions for the table. Fields marked in *italics* were added to the table by the API; all others are original to the data:

### Table I

Field	Datatype	Definition
table	text	The name of the table containing the data, in this case Table I
<i>url</i>	text	The URL for the text file containing the data on the Financial Management Service website
date	text	Date for balance data contained in the table, in YYYY-MM-DD format
<i>year_month</i>	text	Year and month for balance data contained in the table, in YYYY-MM format
<i>year</i>	integer	Year for balance data contained in the table, in YYYY format
<i>month</i>	integer	Month for balance data contained in the table, in ascending order from 1 (January) to 12 (December)

<i>day</i>	integer	Day of the month for the balance data
<i>weekday</i>	text	Day of the week for balance data (Monday thru Friday)
<i>account</i>	text	Name of the account containing the cash balance data, standardized across time for variances in spelling and name.  Please see the Treasury.io <a href="#">Field Definitions</a> wiki page for definitions of the accounts in this table
<i>account_raw</i>	text	Name of the account containing the cash balance data, in raw, unstandardized format
<i>is_total</i>	integer	Binary flag field indicating whether the account balance represents a total figure (1) or sub-component that adds up to the total (0). Exclude rows marked (1) from sum queries to prevent double-counting.
<i>close_today</i>	integer	Closing account balance as of the date marked in the date field
<i>open_today</i>	integer	Opening account balance as of the date marked in the date field
<i>open_mo</i>	integer	Opening account balance for the month marked in the month field
<i>open_fy</i>	integer	Opening account balance as of the start of the federal government's fiscal year, which begins October 1 each year
<i>footnote</i>	real	Contains any footnotes provided in the data

**Table II**  
**T2**

Table II contains the daily deposits and withdrawals of cash to/from the Treasury's cash account at the Federal Reserve – the Federal Reserve Account.

Think of this table as a checking account statement for the federal government. It answers the question, “what did Uncle Sam spend money on today, and how much?”

Below is a screenshot of what Table II looks like in the Daily Treasury Statement:

TABLE II - Deposits and Withdrawals of Operating Cash							
Deposits	Today	This month to date	Fiscal year to date	Withdrawals	Today	This month to date	Fiscal year to date
Federal Reserve Account:				Federal Reserve Account:			
Agriculture Loan Repayments (misc)	\$ 21	\$ 608	\$ 6,575	Commodity Credit Corporation programs	\$ 12	\$ 407	\$ 15,543
Air Transport Security Fees	7	22	1,581	Defense Vendor Payments (EFT)	1,774	24,980	256,141
Cash FTD's Received (Table IV)	7,614	207,119	1,755,243	Education Department programs	888	9,190	140,599
Commodity Credit Corporation programs	29	537	6,185	Energy Department programs	174	2,018	25,462
Customs and Certain Excise Taxes	63	3,036	31,013	Federal Employees Insurance Payments	222	4,768	51,585
Deposits by States:				Fed. Highway Administration programs	144	3,856	29,034
Supplemental Security Income	221	496	3,178	Federal Salaries (EFT)	70	11,816	126,674
Unemployment	19	507	39,621	Food and Nutrition Service (misc)	256	8,251	79,066
Education Department programs	94	2,592	27,437	GSA programs	83	1,395	14,651
Energy Department programs	43	405	5,518	Health and Human Services Grants (misc)	443	6,547	71,843
Estate and Gift Taxes	179	1,155	15,336	Housing and Urban Development programs	189	6,096	59,530
Federal Reserve Earnings	1,376	7,080	56,489	Interest on Treasury Securities	1	854	160,707
Foreign Deposits, Military Sales	16	2,200	17,349	IRS Tax Refunds Business (EFT)	0	991	19,363
Housing and Urban Development programs	50	500	3,705	IRS Tax Refunds Individual (EFT)	452	2,763	234,012
Individual Income and Employment Taxes, Not Withheld	1,917	54,172	365,592	Justice Department programs	63	920	11,175
Interest rec'd from cash investments	0	0	0	Labor Dept. prgrms (excl. unemployment)	51	956	10,588
Justice Department programs	22	843	6,141	Medicaid	708	18,287	190,890
Postal Service	255	5,998	65,903	Medicare	1,518	24,865	422,057
Public Debt Cash Issues (Table III-B)	788	370,987	6,076,819	NASA programs	94	1,227	12,068
Other Deposits:				Postal Service Money Orders and Other	83	2,665	29,856
TARP	67	2,254	33,723	Public Debt Cash Redemp. (Table III-B)	816	369,711	5,439,528
				Social Security Benefits (EFT)	12,162	61,414	534,782
				Supple. Nutrition Assist. Program (SNAP)	6	198	2,868
				Temporary Assistance for Needy Families (HHS)	148	1,308	12,553
				Transportation Security Admin. (DHS)	1	13	460
				Unemployment Insurance Benefits	265	4,478	53,341
				Veterans Affairs programs	80	2,714	33,393
				Other Withdrawals:			
				Federal Financing Bank	61	471	6,051
				Federal Transit Admin.	55	675	8,004
				Interior	84	1,154	7,369
Total Other Deposits	67	9,586	136,947	Unclassified	761	17,976	222,829
Change in Balance of Uncollected Funds	0	0	0	Total, Other Withdrawals	961	34,963	574,039
Transfers from Depositories	0	0	0	Transfers to Depositories	0	0	0
Total Federal Reserve Account	12,781	667,845	8,620,633	Total Federal Reserve Account	21,464	608,255	8,611,808
Short-Term Cash Investments:				Short-Term Cash Investments:			
Transfers from Federal Reserve Account (Table V)	0	0	0	Transfers to Federal Reserve Account (Table V)	0	0	0
Total Deposits (excluding transfers)	\$ 12,781	\$ 667,845	\$ 8,620,633	Total Withdrawals (excluding transfers)	\$ 21,464	\$ 608,255	\$ 8,611,808
				Net Change in Operating Cash Balance	\$ -8,684	\$ 59,589	\$ 8,825

The table sums the deposits and withdrawals to/from the Federal Reserve Account and uses the net difference to calculate the net change in the government's cash-on-hand detailed in Table I. A related account for short-term investments is summed below the Federal Reserve account in similar format, but is no longer used by the U.S. Treasury (see Table V below).

Table II is broken into two ledgers: **deposits** and **withdrawals**:

- **Deposits** represent money taken in by the federal government through its various agencies and programs.
- **Withdrawals** represent money spent by the federal government through each of various agencies and programs.

Some programs, such as Medicare, appear on both sides of the ledger. To calculate the net impact of these programs on the Treasury's cash balance, be sure to net together deposits and withdrawals for those programs.

## T2 Fields and Definitions

Both ledgers can be accessed in Treasury.io by querying table "T2" - short for Table II. Below are the fields and definitions for the table. Fields marked in *italics* were added to the table by the API; all others are original to the data:

**Table II**

Field	Datatype	Definition
table	text	The name of the table containing the data, in this case Table II
<i>url</i>	text	The URL for the text file containing the data on the Financial Management Service website
date	text	Date for deposits and withdrawals data in the table, in YYYY-MM-DD format
<i>year_month</i>	text	Year and month for deposits and withdrawals contained in the table, in YYYY-MM format
<i>year</i>	integer	Year for the deposits and withdrawals contained in the table, in YYYY format
<i>month</i>	integer	Month for the deposits and withdrawals contained in the table, in ascending order from 1 (January) to 12 (December)
<i>day</i>	integer	Day of the month for the deposits and withdrawals contained in the table
<i>weekday</i>	text	Day of the week on which the deposits or withdrawals took place (Monday thru Friday)
account	text	Name of the account impacted by the deposit or withdrawal, standardized across time for variances in spelling and name.
transaction_type	text	Indicates type of transaction: <ul style="list-style-type: none"> <li>• "deposit" for cash coming into the account through the agency or program named in the item field</li> <li>• "withdrawal" for cash coming out of the account through the agency or program named in the item field</li> </ul>
parent_item	text	Certain items have a parent classification that



		<p>appears indented above them in Table II. We call these parent_items.</p> <p>There are two parent_items on the deposit side of Table II: “Deposits by States” and “Other Deposits.” On the withdrawals side, there is only one: “Other Withdrawals.”</p>
<i>is_total</i>	integer	Binary flag field indicating whether the deposit or withdrawal represents a total figure (1) or sub-component that adds up to the total (0). Exclude rows marked (1) from sum queries to prevent double-counting.
<i>is_net</i>	integer	Binary flag indicating whether the item represents a net of deposits and withdrawals (1) or just deposits or withdrawals (0). Treasury presents some programs separately on both sides of the ledger but nets others together, or lists them separately but later on begins netting them together. Use this flag to disambiguate between the two.
item	text	<p>Indicates the government agency or program responsible for the deposit or withdrawal, standardized across time for variances in spelling and name. Some agencies appear on both sides of the ledger, meaning they have both deposits and withdrawals.</p> <p>Please see the Treasury.io <a href="#">Field Definitions</a> wiki page for definitions of the items in this table</p>
item_raw	text	Item name in raw, unstandardized format
today	integer	Deposits or withdrawals made by the agency or program on the date marked in the date field
mtd	integer	Deposit or withdrawal made by the agency or program since the beginning of the month
fytd	integer	Deposit or withdrawal made by the agency or program since the start of the federal government’s fiscal year, which begins October 1 each year
footnote	text	Contains any footnotes provided in the data

### Table III T3A | T3B | T3C

Table III summarizes the debt operations of the U.S. Treasury. Think of it as a credit card statement for Uncle Sam; it answers the question, “how much did Uncle Sam borrow today, and how close is he to his credit card limit?”

The table is divided into three sub-tables summarizing the government’s daily debt operations. Below are descriptions of the three tables, with screenshots of what they look like in the Daily Treasury Statement:

- **Table III A** (Public Debt Transactions): This table summarizes sales and repayments of U.S. government debt:

TABLE III-A - Public Debt Transactions							
(Stated at face value except for savings and retirement plan securities which are stated at current redemption values.)							
Issues	Today	This month to date	Fiscal year to date	Redemptions	Today	This month to date	Fiscal year to date
Marketable:				Marketable:			
Bills:				Bills:			
Regular Series	\$ -2	\$ 259,999	\$ 3,976,902	Notes	\$ 0	\$ 303,994	\$ 4,239,971
Cash Management Series	0	30,001	240,006	Bonds	0	36,208	932,375
Notes	0	52,998	1,462,983	Federal Financing Bank	0	0	0
Bonds	0	13,000	141,994				
Inflation-Protected Securities Increment	-32	-710	13,100	Nonmarketable:			
Federal Financing Bank	0	0	0	United States Savings Securities	35	685	7,884
Nonmarketable:				Government Account Series	197,281	3,438,809	41,887,889
United States Savings Securities:				Hope Bonds	0	0	0
Cash Issue Price	2	35	803	Domestic Series	0	0	0
Interest Increment	1	435	4,440	Foreign Series	0	0	0
Government Account Series	197,329	3,435,420	41,903,841	State and Local Series	2	12,986	93,736
Hope Bonds	0	0	0	Other	778	15,838	165,560
Domestic Series	0	0	0				
Foreign Series	0	0	0				
State and Local Series	10	1,273	90,202				
Other	778	15,829	165,485				
Total Issues	\$ 198,086	\$ 3,808,279	\$ 47,999,756	Total Redemptions	\$ 198,097	\$ 3,808,520	\$ 47,327,417
				Net Change in Public Debt Outstanding	\$ -11	\$ -241	\$ 672,339

The table is broken into two ledgers – issues and redemptions. The issues represent sales of U.S. debt, while redemptions detail repayments. Redemptions minus issues equal the net change in the U.S. public debt each day, month and fiscal year to date. If redemptions are greater than issues, then the public debt shrinks; when issues outpace redemptions, the public debt grows.

The data can be accessed in Treasury.io by querying table “T3A” – short for Table III A.

### T3A Fields and Definitions

Below are the fields and definitions for T3A (Public Debt Transactions). Fields marked in *italics* were added to the table by the API; all others are original to the data:

### Table III A T3A

Field	Datatype	Definition
table	text	The name of the table containing the data, in this case Table III A
<i>url</i>	text	The URL for the text file containing the data on

		the Financial Management Service website
<i>date</i>	text	Date for debt transaction data contained in the table, in YYYY-MM-DD format
<i>year_month</i>	text	Year and month for debt transaction data contained in the table, in YYYY-MM format
<i>year</i>	integer	Year for debt transaction data contained in the table, in YYYY format
<i>month</i>	integer	Month for debt transaction data contained in the table, in ascending order from 1 (January) to 12 (December)
<i>day</i>	integer	Day of the month on which the debt transaction data took place
<i>weekday</i>	text	Day of the week on which the debt transaction took place (Monday thru Friday)
<i>transaction_type</i>	text	Indicates whether the transaction is a sale of U.S. government debt (“issue”) or a repayment (“redemption”)
<i>debt_type</i>	text	The type of debt being issued: “marketable” or “nonmarketable.” Marketable debt is sold to the public; nonmarketable debt is an I.O.U. between federal agencies and the U.S. Treasury
<i>parent_item</i>	text	<p>Certain items have a parent classification that appears indented above them in Table III A. We call these parent_items.</p> <p>There are two parent_items in Table III A: “Bills,” which include the items “Cash Management Series” and “Regular Series,” and “United States Savings Securities,” which include the items “Cash Issue Price” and “Interest Increment.”</p>
<i>is_total</i>	integer	Binary flag field indicating whether the debt transaction amount represents a total figure (1) or sub-component that adds up to the total (0). Exclude rows marked (1) from sum queries to prevent double-counting.
<i>item</i>	text	<p>Indicates the debt being sold or repaid, standardized across time for variances in spelling and name.</p> <p>Please see the Treasury.io <a href="#">Field Definitions</a> wiki page for definitions of the items in this table</p>
<i>item_raw</i>	text	Item name in raw, unstandardized format
<i>today</i>	integer	Amount of the debt sold or repaid on the date marked in the date field
<i>mtd</i>	integer	Amount of the debt sold or repaid since the

		beginning of the month
fytd	integer	Amount of the debt sold or repaid since the start of the federal government's fiscal year, which begins October 1 each year
footnote	real	Contains any footnotes provided in the data

**Table III B** (Adjustment of Public Debt Transactions to Cash Basis): This table converts sales and repayments of debt into a cash line item showing their impact on the Treasury’s Federal Reserve Account in Table II:

<b>TABLE III-B - Adjustment of Public Debt Transactions to Cash Basis</b>			
<b>Transactions</b>	<b>Today</b>	<b>This month to date</b>	<b>Fiscal year to date</b>
Public Debt Cash Issues:			
Public Debt Issues (Table III-A)	\$ 198,086	\$ 3,808,279	\$ 47,999,756
Premium on New Issues	0	0	7,226
Discount on New Issues:			
Bills (-)	0	44	1,308
Bonds and Notes (-)	0	2,104	8,085
Federal Financing Bank (-)	0	0	0
Government Account Transactions (-)	197,329	3,435,420	41,903,841
Hope Bonds (-)	0	0	0
Interest Increment on United States Savings Securities (-)	1	435	4,440
Inflation-Protected Securities Increment	-32	-710	12,489
Total Public Debt Cash Issues			
Deposited in Federal Reserve Account	\$ 788	\$ 370,987	\$ 6,076,819
Public Debt Cash Redemptions:			
Public Debt Redemptions (Table III-A)	\$ 198,097	\$ 3,808,520	\$ 47,327,417
Premium on Debt Buyback Operation	0	0	0
Discount on Debt Buyback Operation (-)	0	0	0
Federal Financing Bank (-)	0	0	0
Government Account Transactions (-)	197,281	3,438,809	41,887,889
Hope Bonds (-)	0	0	0
Total Public Debt Cash Redemptions			
Withdrawn from Federal Reserve Acct.	\$ 816	\$ 369,711	\$ 5,439,528

The top half reconciles issues of public debt to a cash line item, while the bottom half reconciles repayments. Here is how the math works:

#### **For debt issues:**

“Public Debt Cash Issues (Table III-A)” is the starting line item to which:

Add:

- Premium on New Issues

#### ***Why is this being added?***

*The premium represents the additional amount paid over the face value of U.S. debt. So it’s added to the amount reported in Table III A to get to the cash total.*

Subtract:

- Discount on New Issues – Bills and Bonds and Notes
- Federal Financing Bank
- Government Account Transactions
- Hope Bonds
- Interest Increment on United States Savings Securities
- Inflation-Protected Securities Increment

#### ***Why are these being subtracted?***

*The discount on new issues represents the amount paid less than the face value of the debt paid being sold. It is subtracted from the amount reported in Table III A to get to the cash total.*

*The Federal Financing Bank, Government Account Transactions and Hope Bonds are subtracted because these are all methods of lending to other government agencies, so there is no net cash impact to the Treasury.*

*The Interest Increment on United States Savings Securities and Inflation-Protected Securities Increment represents interest that is accrued on these debts. The interest adds to the debt reported in Table III A but the cash value of the interest is only recognized when the debt is redeemed. So it must be subtracted to get to the cash impact to the Treasury.*

That yields the “Total Public Debt Cash Issues Deposited in the Federal Reserve Account” line item at the bottom of the issues portion of the table.

**For debt redemptions:**

“Public Debt Redemptions (Table III-A)” is the starting line item, to which:

Add:

- Premium on Debt Buyback Operation

***Why is this being added?***

*The premium represents any additional amounts the Treasury must pay when buying back its debt, so it must be added to the amounts reported in Table III A to get to the actual cash impact for the Treasury.*

Subtract:

- Discount on Debt Buyback Operation
- Federal Financing Bank
- Government Account Transactions
- Hope Bonds

***Why are these being subtracted?***

*The discount represents amounts the Treasury paid less than the face value of the debt it was buying back, so it must be subtracted to the amounts reported in Table III A to get to the actual cash impact for the Treasury*

*The Federal Financing Bank, Government Account Transactions and Hope Bonds are subtracted because these are all methods of lending to other government agencies, so there is no net cash impact to the Treasury.*

That yields the “Total Public Debt Redemptions Withdrawn from the Federal Reserve Acct.”

The data can be accessed in Treasury.io by querying table “T3B:” – short for Table III B.

### **T3B Fields and Definitions**

Below are the fields and definitions for T3B (Adjustment of Public Debt Transactions to Cash Basis). Fields marked in *italics* were added to the table by the API; all others are original to the data:

**Table III B  
T3B**

<b>Field</b>	<b>Datatype</b>	<b>Definition</b>
table	text	The name of the table containing the data, in this case Table III B
<i>url</i>	text	The URL for the text file containing the data on the Financial Management Service website
date	text	Date for debt transaction data contained in the table, in YYYY-MM-DD format
<i>year_month</i>	text	Year and month for debt transaction data contained in the table, in YYYY-MM format
<i>year</i>	integer	Year for debt transaction data contained in the table, in YYYY format
<i>month</i>	integer	Month for debt transaction data contained in the table, in ascending order from 1 (January) to 12 (December)
<i>day</i>	integer	Day of the month on which the debt transaction data took place
<i>weekday</i>	text	Day of the week on which the debt transaction took place (Monday thru Friday)
transaction_type	text	Indicates whether the transactions being reconciled to a cash basis are debt sales (“Public Debt Cash Issues”) or repayments (“Public Debt Cash Redemptions”)
parent_item	text	Certain items have a parent classification that appears indented above them in Table III B. We call these parent_items.  The only parent_item in Table III B is “Discount on New Issues,” which includes the items “Bills” and “Bonds and Notes.”

<i>is_total</i>	integer	Binary flag field indicating whether the debt transaction amount represents a total figure (1) or sub-component that adds up to the total (0). Exclude rows marked (1) from sum queries to prevent double-counting.
item	text	Indicates the debt sale or repayment being adjusted to cash basis, standardized across time for variances in spelling and name.  Please see the Treasury.io <a href="#">Field Definitions</a> wiki page for definitions of the items in this table
item_raw	text	Item name in raw, unstandardized format
today	integer	Amount of debt sold or repaid on the date marked in the date field
mtd	integer	Amount of debt sold or repaid since the beginning of the month
fytd	integer	Amount of debt sold or repaid since the start of the federal government's fiscal year, which begins October 1 each year
footnote	text	Contains any footnotes provided in the data



- **Table III C (Debt Subject to Limit):** This table summarizes the amount of U.S. debt outstanding that is subject to the debt limit set by Congress and provides the prevailing debt limit.

<b>TABLE III-C - Debt Subject to Limit</b>				
Balance Transactions	Closing balance today	Opening balance		
		Today	This month	Fiscal year
Debt Held by the Public	\$ 11,895,009	\$ 11,881,040	\$ 11,897,151	\$ 11,269,586
Intragovernmental Holdings	4,843,572	4,857,551	4,841,671	4,796,656
Total Public Debt				
Outstanding	16,738,581	16,738,592	16,738,822	16,066,241
Less: Debt Not Subject to Limit:				
Other Debt	486	486	486	486
Unamortized Discount	31,094	31,105	31,335	31,130
Federal Financing Bank	7,112	7,112	7,112	7,112
Hope Bonds	494	494	494	493
Plus: Other Debt Subject to Limit				
Guaranteed Debt of Government Agencies	0	0	0	0
Total Public Debt Subject to Limit	\$ 16,699,396	\$ 16,699,396	\$ 16,699,396	\$ 16,027,021
Statutory Debt Limit	\$ 16,699,421	\$ 16,699,421	\$ 16,699,421	\$ 16,394,000

As of May 19, 2013 the debt limit was increased to \$16,699,421,095,673.60.

Unamortized Discount represents the discount adjustment on Treasury bills and zero-coupon bonds (amortization is calculated daily).

Not all debt issued by the U.S. government is subject to the Congressionally-mandated “debt limit.” By law, certain types of debt are exempt from the limit, like debt held by a Treasury subsidiary, the Federal Financing Bank.

Table III C takes the total public debt outstanding – the sum of debt held by investors and internal governmental I.O.U.s – and adjusts it by subtracting exempt debt types like the Federal Financing Bank.

The total public debt is calculated in the first two line items, by adding up debt held by the public and intragovernmental holdings. This total is then decreased by exempt holdings listed below, such as the Federal Financing Bank, to arrive at the total debt subject to the debt limit in the bottom of the table.

The prevailing debt limit is listed below that total, showing how close the government is to breaching the limit.

The data can be accessed in Treasury.io by querying table “T3C” – short for Table III C.

### T3C Fields and Definitions

Below are the fields and definitions for T3C (Debt Subject to Limit). Fields marked in *italics* were added to the table by the API; all others are original to the data:

**Table III C  
T3C**

Field	Datatype	Definition
table	text	The name of the table containing the data, in this case Table III C
<i>url</i>	text	The URL for the text file containing the data on the Financial Management Service website
date	text	Date on which the debt balance data contained in the table was recorded, in YYYY-MM-DD format
<i>year_month</i>	text	Year and month in which the debt balance data was recorded, in YYYY-MM format
<i>year</i>	integer	Year in which the debt balance data was recorded, in YYYY format
<i>month</i>	integer	Month in which debt balance data was recorded, in ascending order from 1 (January) to 12 (December)
<i>day</i>	integer	Day of the month on which the debt balance data was recorded
<i>weekday</i>	text	Day of the week on which the debt balance data was recorded (Monday thru Friday)
<i>is_total</i>	integer	Binary flag field indicating whether the debt balance represents a total figure (1) or sub-component that adds up to the total (0). Exclude rows marked (1) from sum queries to prevent double-counting.
parent_item	text	<p>Certain items have a parent classification that appears indented above them in Table III C. We call these parent_items.</p> <p>In Table III C, the only two parent_items are “Debt Not Subject to Limit” and “Other Debt Subject to Limit.” These indicate whether the items they reference are or are not subject to the debt ceiling.</p>
item	text	<p>Names of different types of debt held by the U.S. government, standardized across time for variances in spelling and name.</p> <p>Please see the Treasury.io <a href="#">Field Definitions</a> wiki page for definitions of the items in this table</p>
item_raw	text	Item name in raw, unstandardized format
close_today	real	The ending balance for each type of debt named in the item column as of the date indicated in the date column
open_today	real	The opening balance for each type of debt named in

		the item column as of the date indicated in the date column
open_mo	real	The opening balance for each type of debt named in the item column as of the month indicated in the month column
open_fy	real	The opening balance for each type of debt named in the item column at the start of the federal government's fiscal year, which begins October 1 each year
footnote	text	Contains any footnotes provided in the data

## Table IV T4

Table IV details the sources and uses of the federal government's tax collections.

Tax receipts are aggregated into one deposit line item in Table II – “FTD’s Received,” short for “Federal Tax Deposits Received.” In Table IV, you can get a break-down of these taxes and find out how much came from individuals or corporations, for instance.

It's like your paycheck, which details how much you got paid and where the money went to - checking account, 401(k), health plan, etc. The table answers the question, “where is Uncle Sam getting his tax dollars from, and where is he putting them?”

Below is a screenshot of what Table IV looks like in the Daily Treasury Statement:

<b>TABLE IV - Federal Tax Deposits</b>			
<b>Classification</b>	<b>Today</b>	<b>This month to date</b>	<b>Fiscal year to date</b>
Withheld Income and Employment Taxes	\$ 7,117	\$ 140,651	\$ 1,467,546
Individual Income Taxes	29	4,804	49,916
Railroad Retirement Taxes	14	386	3,981
Excise Taxes	468	4,376	55,461
Corporation Income Taxes	38	62,856	233,636
Federal Unemployment Taxes	3	303	7,437
Estate and Gift Taxes & Misc IRS Rcpts.	2	32	526
<b>Total</b>	<b>\$ 7,671</b>	<b>\$ 213,409</b>	<b>\$ 1,818,503</b>
<b>Cash Federal Tax Deposits:</b>			
Direct	\$ 56	\$ 1,919	\$ 25,467
Through Depositories	7,558	205,200	1,729,776
<b>Total Cash FTD's</b>	<b>\$ 7,614</b>	<b>\$ 207,119</b>	<b>\$ 1,755,243</b>
Inter-agency Transfers	57	6,290	63,260
<b>Total</b>	<b>\$ 7,671</b>	<b>\$ 213,409</b>	<b>\$ 1,818,503</b>

The table sums up the various sources of the federal government's tax collections and then details the accounts into which the taxes were deposited.

The sum total of the taxes collected each day, month and fiscal year to date equals the sum total of the deposits over the same periods.

## T4 Fields and Definitions

Table IV can be accessed in the Treasury.io API by querying table “T4” – short for Table IV. Below are the fields and definitions for the table. Fields marked in *italics* were added to the table by the API; all others are original to the data:

**Table IV  
T4**

Field	Datatype	Definition
table	text	The name of the table containing the data, in this case Table IV
<i>url</i>	text	The URL for the text file containing the data on the Financial Management Service website
date	text	Date for the tax collections contained in the table, in YYYY-MM-DD format
<i>year_month</i>	text	Year and month for the tax collections contained in the table, in YYYY-MM format
<i>year</i>	integer	Year for the tax collections contained in the table, in YYYY format
<i>month</i>	integer	Month for the tax collections contained in the table, in ascending order from 1 (January) to 12 (December)
<i>day</i>	integer	Day of the month on which the tax collections data took place
<i>weekday</i>	text	Day of the week on which the tax collections took place (Monday thru Friday)
<i>type</i>	text	This column indicates whether the classification refers to a source of tax revenue received by the government (“source”) or how it is used (“use”)
<i>is_total</i>	integer	Binary flag field indicating whether the tax amounts represent a total figure (1) or sub-component that adds up to the total (0). Exclude rows marked (1) from sum queries to prevent double-counting.
classification	text	For rows where the type column equals “source,” the classification gives the type of tax collected by the federal government. For rows where the type column equals “use,” the classification details what Treasury did with those tax deposits – for example, the name of the account it deposited them in. Total sources equal total uses each day.  Please see the Treasury.io <a href="#">Field Definitions</a> wiki page for definitions of the classifications in this table.
classification_raw	text	Classification name in raw, unstandardized format

today	integer	Amount of taxes collected or deposited on the date marked in the date field
mtd	integer	Amount of taxes collected or deposited since the beginning of the month
fytd	integer	Amount of taxes collected or deposited since the start of the federal government's fiscal year, which begins October 1 each year
footnote	text	Contains any footnotes provided in the data

## **Table V**

### **T5**

The U.S. Treasury used to invest operating cash that it did not immediately need to fund the government's operations in short-term investments. These investments were made through the short term investments account, detailed in Table V.

As footnoted in the Daily Treasury Statement, the Treasury scaled down and then suspended its short-term cash investment program beginning in November 2008. Treasury no longer uses the short-term investment account and, as of 30 March, 2012, Table V has not been used by the government.

As a result, the table, labeled "T5" in Treasury.io, has been **deprecated** and is no longer tracked by the API.

## Table VI T6

Table VI details how much tax money was refunded by the federal government according to two major breakdowns: tax refunds to individuals and businesses.

It's like a refund on your credit card statement detailing a reversed charge or overpayment that's been credited back. It answers the question, "how much tax money did Uncle Sam return, and to whom?"

Below is a screenshot of what Table VI looks like in the Daily Treasury Statement:

TABLE VI - Income Tax Refunds Issued			
Classification	Today	This month to date	Fiscal year to date
IRS Tax Refunds Business (Checks)	\$ 10	\$ 1,831	\$ 25,815
IRS Tax Refunds Business (EFT)	0	991	19,363
IRS Tax Refunds Individual (Checks)	101	2,542	63,818
IRS Tax Refunds Individual (EFT)	452	2,763	234,012

The table lists the tax refunds given to individuals and businesses each day, month and fiscal year to date. The refunds are labeled by mode of transfer – check or electronic funds transfer (“EFT”). The tax refunds tagged as EFT flow to the withdrawals ledger in Table II.

### T6 Fields and Definitions

Table VI can be accessed by querying “T6” – short for Table VI. Below are the fields and definitions for the table. Fields marked in *italics* were added to the table by the API; all others are original to the data:

## Table VI T6

Field	Datatype	Definition
table	text	The name of the table containing the data, in this case Table VI
<i>url</i>	text	The URL for the text file containing the data on the Financial Management Service website
date	text	Date for the tax refunds contained in the table, in YYYY-MM-DD format
<i>year_month</i>	text	Year and month for the tax refunds contained in the table, in YYYY-MM format
<i>year</i>	integer	Year for the tax refunds contained in the table, in YYYY format
<i>month</i>	integer	Month for the tax refunds contained in the table, in ascending order from 1 (January) to 12



		(December)
<i>day</i>	integer	Day of the month on which the tax refunds were processed
<i>weekday</i>	text	Day of the week on which the tax refunds were processed (Monday thru Friday)
refund_method	text	Indicates whether payment processing method for the tax refund: a check payment (“CHECKS”) or electronic funds transfer (“EFT”).  The Treasury only began indicating processing methods on October 1, 2012, so prior to that date, this column contains no data.
refund_type	text	Gives the type of tax refund processed by the Treasury, standardized across time for variances in spelling and name into two categories: <ul style="list-style-type: none"> <li>• “Business:” income tax refunds to businesses</li> <li>• “Individual”: income tax refunds to individuals</li> </ul>
refund_type_raw	text	Refund type name in raw, unstandardized format
today	integer	Amount of tax refunds processed on the date marked in the date field
mtd	integer	Amount of tax refunds processed since the beginning of the month
fytd	integer	Amount of tax refunds processed since the start of the federal government’s fiscal year, which begins October 1 each year
footnote	text	Contains any footnotes provided in the data

## Contact

For questions about using the API, email the support listserv and a member of the developer team will respond to your query:

[federal-treasury-api@googlegroups.com](mailto:federal-treasury-api@googlegroups.com)

For any questions about the data, contact the Treasury:

<http://www.treasury.gov/press-center/Press-Contacts/Pages/default.aspx>

**Credits:**

The API was developed by csv soundsystem with the support of a Code Sprint Grant from the Knight-Mozilla OpenNews program.

Find out more about csv soundsystem here:

<http://csvsoundsystem.com/>

Find out more about OpenNews here:

<http://www.mozillaopennews.org/>