

WESTERN ASSET MUNICIPAL HIGH INCOME FUND INC.
Form N-CSRS
June 26, 2013

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM N-CSR

**CERTIFIED SHAREHOLDER REPORT OF REGISTERED
MANAGEMENT INVESTMENT COMPANIES**

Investment Company Act file number 811-05497

Western Asset Municipal High Income Fund Inc.
(Exact name of registrant as specified in charter)

620 Eighth Avenue, 49th Floor, New York, NY
(Address of principal executive offices)

10018
(Zip code)

Robert I. Frenkel, Esq.

Legg Mason & Co., LLC

100 First Stamford Place,

Stamford, CT 06902
(Name and address of agent for service)

Registrant's telephone number, including area code: (888) 777-0102

Date of fiscal year end: October 31

Date of reporting period: April 30, 2013

ITEM 1. REPORT TO STOCKHOLDERS.

The **Semi-Annual** Report to Stockholders is filed herewith.

April 30, 2013

Semi-Annual Report

**Western Asset Municipal High Income Fund Inc.
(MHF)**

INVESTMENT PRODUCTS: NOT FDIC INSURED • NO BANK GUARANTEE • MAY LOSE VALUE

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Western Asset Municipal High Income Fund Inc.

Fund objective

The Fund seeks high current income exempt from federal income taxes.

What's inside

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Letter from the chairman

Dear Shareholder,

We are pleased to provide the semi-annual report of Western Asset Municipal High Income Fund Inc. for the six-month reporting period ended April 30, 2013. Please read on for Fund performance information and a detailed look at prevailing economic and market conditions during the Fund's reporting period.

I am pleased to introduce myself as the new Chairman, President and Chief Executive Officer of the Fund, succeeding R. Jay Gerken, as he embarks upon his retirement. Jay has most recently served as Chairman, President and Chief Executive Officer of the Fund and other funds in the Legg Mason complex. On behalf of all our shareholders and the Fund's Board of Directors, I would like to thank Jay for his vision and guidance, and wish him all the best.

I am honored to have been appointed to my new role with the Fund. During my 23 year career in the financial industry, I have seen it evolve and expand. Despite these changes, keeping an unwavering focus on our shareholders and their needs remains paramount. This was a consistent focus of Jay's, and I look forward to following his lead in the years to come.

Recent regulations adopted by the Commodity Futures Trading Commission (the CFTC) require operators of registered investment companies, including closed-end funds, to register as commodity pool operators unless the fund limits its investments in commodity interests. Effective December 31, 2012, your Fund's manager has claimed the exclusion from the definition of commodity pool operator. More information about the CFTC rules and their effect on the Fund is included later in this report on page 24.

As always, we remain committed to providing you with excellent service and a full spectrum of investment

Western Asset Municipal High Income Fund Inc. III

choices. We also remain committed to supplementing the support you receive from your financial advisor. One way we accomplish this is through our website, www.lmcef.com. Here you can gain immediate access to market and investment information, including:

- Fund prices and performance,
- Market insights and commentaries from our portfolio managers, and
- A host of educational resources.

We look forward to helping you meet your financial goals.

Sincerely,

Kenneth D. Fuller

Chairman, President and Chief Executive Officer

June 3, 2013

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Western Asset Municipal High Income Fund Inc.

Investment commentary

Economic review

The U.S. economy continued to grow over the six months ended April 30, 2013 (the reporting period), but it did so at an uneven pace. Looking back, U.S. gross domestic product (GDP) growth, as reported by the U.S. Department of Commerce, was 1.3% in the second quarter of 2012. Economic growth accelerated to 3.1% in the third quarter, partially due to increased private inventory investment, higher federal government spending and moderating imports. However, economic activity sharply moderated in the fourth quarter, with GDP expanding an anemic 0.4%. This was driven by a reversal of the above factors, as private inventory investment and federal government spending weakened. Economic growth then improved, as the U.S. Department of Commerce's second estimate for first quarter 2013 GDP growth, released after the reporting period ended, was 2.4%. Accelerating growth was due, in part, to strengthening consumer spending, which rose 3.4% during the first quarter, versus a 1.8% increase during the previous quarter.

While there was some improvement in the U.S. job market, unemployment remained elevated throughout the reporting period. When the period began, unemployment, as reported by the U.S. Department of Labor, was 7.9%. The unemployment rate fluctuated between 7.8% and 7.9% through January 2013. Unemployment then fell to 7.7% in February, 7.6% in March and 7.5% in April, the lowest level since December 2008. In addition, the number of longer-term unemployed has declined in recent months. In February 2013, more than 40% of the people without a job had been out of work for more than six months. This fell to 37.4% in April 2013.

Meanwhile, the housing market brightened, as sales generally improved and home prices continued to rebound. According to the National Association of Realtors (NAR), existing-home sales rose 0.6% on a seasonally adjusted basis in April 2013 versus the previous month and were 9.7% higher than in April 2012. In addition, the NAR reported that the median existing-home price for all housing types was \$192,800 in April 2013, up 11.0% from April 2012. This marked the fourteenth consecutive month that home prices rose compared to the same period a year earlier. While the inventory of homes available for sale rose in April to a 5.2 month supply at the current sales pace, it was 13.60% lower than in April 2012.

While manufacturing activity was weak in many international developed countries, it was generally positive in the U.S. Based on the Institute for Supply Management's Purchasing Managers' Index (PMI)ii, after expanding the prior two months, the U.S. manufacturing sector modestly contracted in November 2012, with a reading of 49.5 (a reading below 50 indicates a contraction, whereas a reading above 50 indicates an expansion). However, manufacturing expanded over the next five months, with the PMI at 50.7 in April 2013. During April, 14 of the 18 industries within the PMI expanded.

Market review

Q. How did the Federal Reserve Board (Fed)iii respond to the economic environment?

A. The Fed took a number of actions as it sought to meet its dual mandate of fostering maximum employment and price stability. As has been the case since December 2008, the Fed kept the federal funds rateiv at a historically low range between zero and 0.25%. At its September 2012 meeting, prior to the beginning of the reporting period, the Fed announced a third round of quantitative easing (QE3), which involves purchasing \$40 billion each month of agency mortgage-backed securities (MBS) on an open-end basis. In addition, the Fed further extended the duration that it expects to keep the federal funds rate on hold, until at least mid-2015. At its meeting in December, the Fed announced that it would continue purchasing \$40 billion per month of agency MBS, as well as initially purchasing \$45 billion a month of longer-term Treasuries. The Fed also said that it would keep the federal funds rate on hold ...as long as the unemployment rate remains above 6.5%, inflation between one and two years ahead is projected to be no more than a half percentage point above the Committee s 2% longer-run goal, and longer-term inflation expectations continue to be well anchored. As expected, at its meeting that ended on May 1, 2013, after the reporting period ended, the Fed said it would continue its asset purchase program.

Q. Did Treasury yields trend higher or lower during the six months ended April 30, 2013?

A. Both short- and long-term Treasury yields declined during the reporting period. When the period began, the yield on the two-year Treasury was 0.30%, matching its high over the six months ended April 30, 2013. It fell as low as 0.20% on April 29, 2013 and ended the period at 0.22%. The yield on the ten-year Treasury began the period at 1.72%. Ten-year Treasuries hit a low of 1.58% in mid-November 2012 and peaked at 2.07% on March 11, 2013, before ending the period at 1.70%.

Q. What factors impacted the spread sectors (non-Treasuries) during the reporting period?

A. The spread sectors experienced periods of volatility during the period given a number of macro issues, including the European sovereign debt crisis, mixed economic data and concerns related to the U.S. fiscal cliff and sequestration. However, the majority of spread sectors outperformed equal-durationv Treasuries given generally solid demand from investors looking to generate incremental yield in the low interest rate environment.

Q. How did the municipal bond market perform versus the taxable bond market over the reporting period?

A. The municipal bond market outperformed its taxable bond counterpart during the six months ended April 30, 2013. Over that period, the Barclays Municipal Bond Indexvi and the Barclays U.S. Aggregate Indexvii returned 1.78% and 0.91%, respectively. The municipal bond market was supported by generally solid demand, a decline in new issuance, improving tax revenues and low default rates. Additionally, investor

sentiment improved as a number of states made progress toward shoring up their financial situation by raising taxes and cutting expenses.

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Western Asset Municipal High Income Fund Inc.

Investment commentary (continued)

Performance review

For the six months ended April 30, 2013, Western Asset Municipal High Income Fund Inc. returned 2.39% based on its net asset value (NAV) and -5.30% based on its New York Stock Exchange (NYSE) market price per share. The Fund's unmanaged benchmark, the Barclays Municipal Bond Index, returned 1.78% for the same period. The Lipper High Yield Municipal Debt Closed-End Funds Category Averageix returned 4.19% over the same time frame. Please note that Lipper performance returns are based on each fund's NAV.

Certain investors may be subject to the federal alternative minimum tax, and state and local taxes will apply. Capital gains, if any, are fully taxable. Please consult your personal tax or legal adviser.

During this six-month period, the Fund made distributions to shareholders totaling \$0.19 per share, which may have included a return of capital. The performance table shows the Fund's six-month total return based on its NAV and market price as of April 30, 2013. **Past performance is no guarantee of future results.**

Performance Snapshot as of April 30, 2013 (unaudited)

Price Per Share		6-Month Total Return*
\$8.20 (NAV)		2.39%
\$7.83 (Market Price)		-5.30%

All figures represent past performance and are not a guarantee of future results. Performance figures for periods shorter than one year represent cumulative figures and are not annualized.

* Total returns are based on changes in NAV or market price, respectively. Returns reflect the deduction of all Fund expenses, including management fees, operating expenses, and other Fund expenses. Returns do not reflect the deduction of brokerage commissions or taxes that investors may pay on distributions or the sale of shares.

Total return assumes the reinvestment of all distributions, including returns of capital, if any, at NAV.

Total return assumes the reinvestment of all distributions, including returns of capital, if any, in additional shares in accordance with the Fund's Dividend Reinvestment Plan.

Looking for additional information?

The Fund is traded under the symbol **MHF** and its closing market price is available in most newspapers under the NYSE listings. The daily NAV is available on-line under the symbol **XMHFX** on most financial websites. *Barron's* and the *Wall Street Journal's* Monday edition both carry closed-end fund tables that provide additional information. In addition, the Fund issues a quarterly press release that can be found on most major financial websites as well as www.lmcef.com.

In a continuing effort to provide information concerning the Fund, shareholders may call 1-888-777-0102 (toll free), Monday through Friday from 8:00 a.m. to 5:30 p.m. Eastern Time, for the Fund's current NAV, market price and other information.

As always, thank you for your confidence in our stewardship of your assets.

Sincerely,

Kenneth D. Fuller

Chairman, President and Chief Executive Officer

June 3, 2013

RISKS: *The Fund's investments are subject to credit risk, inflation risk and interest rate risk. High-yield bonds involve greater credit and liquidity risks than investment grade bonds. As interest rates rise, bond prices fall, reducing the value of the Fund's holdings. Municipal securities purchased by the Fund may be adversely affected by changes in the financial condition of municipal issuers and insurers, regulatory and political developments, uncertainties and public perceptions, and other factors. The Fund may use derivatives, such as options and futures, which can be illiquid, may disproportionately increase losses, and have a potentially large impact on Fund performance.*

All investments are subject to risk including the possible loss of principal. Past performance is no guarantee of future results. All index performance reflects no deduction for fees, expenses or taxes. Please note that an investor cannot invest directly in an index.

The information provided is not intended to be a forecast of future events, a guarantee of future results or investment advice. Views expressed may differ from those of the firm as a whole.

- i Gross domestic product (GDP) is the market value of all final goods and services produced within a country in a given period of time.
- ii The Institute for Supply Management's PMI is based on a survey of purchasing executives who buy the raw materials for manufacturing at more than 350 companies. It offers an early reading on the health of the manufacturing sector.
- iii The Federal Reserve Board (Fed) is responsible for the formulation of policies designed to promote economic growth, full employment, stable prices and a sustainable pattern of international trade and payments.
- iv The federal funds rate is the rate charged by one depository institution on an overnight sale of immediately available funds (balances at the Federal Reserve) to another depository institution; the rate may vary from depository institution to depository institution and from day to day.
- v Duration is the measure of the price sensitivity of a fixed-income security to an interest rate change of 100 basis points. Calculation is based on the weighted average of the present values for all cash flows.
- vi The Barclays Municipal Bond Index is a market value weighted index of investment grade municipal bonds with maturities of one year or more.
- vii The Barclays U.S. Aggregate Index is a broad-based bond index comprised of government, corporate, mortgage- and asset-backed issues, rated investment grade or higher, and having at least one year to maturity.
- viii Net asset value (NAV) is calculated by subtracting total liabilities and outstanding preferred stock (if any) from the closing value of all securities held by the Fund (plus all other assets) and dividing the result (total net assets) by the total number of the common shares outstanding. The NAV fluctuates with changes in the market prices of securities in which the Fund has invested. However, the price at which an investor may buy or sell shares of the Fund is the Fund's market price as determined by supply of and demand for the Fund's shares.
- ix Lipper, Inc., a wholly-owned subsidiary of Reuters, provides independent insight on global collective investments. Returns are based on the six-month period ended April 30, 2013, including the reinvestment of all distributions, including returns of capital, if any, calculated among the 12 funds in the Fund's Lipper category.

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Fund at a glance (unaudited)

Investment breakdown (%) as a percent of total investments

The bar graph above represents the composition of the Fund's investments as of April 30, 2013 and October 31, 2012 and does not include derivatives such as futures contracts. The Fund is actively managed. As a result, the composition of the Fund's investments is subject to change at any time.

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Spread duration (unaudited)

Economic Exposure April 30, 2013

Spread duration measures the sensitivity to changes in spreads. The spread over Treasuries is the annual risk-premium demanded by investors to hold non-Treasury securities. Spread duration is quantified as the % change in price resulting from a 100 basis points change in spreads. For a security with positive spread duration, an increase in spreads would result in a price decline and a decline in spreads would result in a price increase. This chart highlights the market sector exposure of the Fund's sectors relative to the selected benchmark sectors as of the end of the reporting period.

Benchmark Barclays Municipal Bond Index
MHF Western Asset Municipal High Income Fund Inc.

Effective duration (unaudited)

Interest Rate Exposure April 30, 2013

Total Effective Duration

MHF	7.12 years
Benchmark	6.57 years

Effective duration measures the sensitivity to changes in relevant interest rates. Effective duration is quantified as the % change in price resulting from a 100 basis points change in interest rates. For a security with positive effective duration, an increase in interest rates would result in a price decline and a decline in interest rates would result in a price increase. This chart highlights the interest rate exposure of the Fund's sectors relative to the selected benchmark sectors as of the end of the reporting period.

Benchmark	Barclays Municipal Bond Index
MHF	Western Asset Municipal High Income Fund Inc.

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Schedule of investments (unaudited)

April 30, 2013

Western Asset Municipal High Income Fund Inc.

Security	Rate	Maturity Date	Face Amount	Value
Municipal Bonds 97.9%				
Arizona 1.9%				
Pima County, AZ, IDA Revenue, Tucson Electric Power Co.	5.750%	9/1/29	\$1,000,000	\$ 1,052,610
Salt Verde, AZ, Financial Corp. Gas Revenue	5.000%	12/1/37	1,500,000	1,682,805
University Medical Center Corp., AZ, Hospital Revenue	6.250%	7/1/29	500,000	583,420
Total Arizona				3,318,835
California 6.2%				
California State PCFA, Water Furnishing Revenue	5.000%	11/21/45	3,000,000	3,112,620
California State Public Works Board, Lease Revenue, Various Capital Projects	5.125%	10/1/31	1,500,000	1,711,410
M-S-R Energy Authority, CA, Gas Revenue	7.000%	11/1/34	2,000,000	2,819,760
M-S-R Energy Authority, CA, Gas Revenue	6.500%	11/1/39	2,000,000	2,747,080
Redding, CA, Redevelopment Agency, Tax Allocation, Shastec Redevelopment Project	5.000%	9/1/29	600,000	604,248
Total California				10,995,118
Colorado 4.7%				
Colorado Educational & Cultural Facilities Authority Revenue:				
Cheyenne Mountain Charter Academy	5.250%	6/15/25	680,000	711,675
Cheyenne Mountain Charter Academy	5.125%	6/15/32	510,000	520,679
Elbert County Charter	7.375%	3/1/35	785,000	792,026
Public Authority for Colorado Energy, Natural Gas Purchase Revenue	6.125%	11/15/23	4,000,000	4,859,240
Reata South Metropolitan District, CO, GO	7.250%	6/1/37	1,000,000	892,440
Southlands, CO, Metropolitan District No. 1, GO	7.125%	12/1/34	500,000	553,505 ^(a)
Total Colorado				8,329,565
Delaware 4.4%				
Delaware State EDA Revenue, Indian River Power LLC	5.375%	10/1/45	4,000,000	4,301,800
Sussex County, DE, Recovery Zone Facility Revenue, NRG Energy Inc., Indian River Power LLC	6.000%	10/1/40	3,000,000	3,398,250
Total Delaware				7,700,050
District of Columbia 2.3%				
District of Columbia COP, District Public Safety & Emergency, AMBAC	5.500%	1/1/20	1,895,000	1,954,749
District of Columbia Revenue, Friendship Public Charter School Inc.	5.000%	6/1/42	2,000,000	2,083,360
Total District of Columbia				4,038,109

See Notes to Financial Statements.

Western Asset Municipal High Income Fund Inc.

Security	Rate	Maturity Date	Face Amount	Value
Florida 4.4%				
Beacon Lakes, FL, Community Development District, Special Assessment	6.900%	5/1/35	\$ 750,000	\$ 758,175
Bonnet Creek Resort Community Development District, Special Assessment	7.500%	5/1/34	1,500,000	1,496,850
Martin County, FL, IDA Revenue, Indiantown Cogeneration LP Project	4.200%	12/15/25	1,500,000	1,512,810(c)
Orange County, FL, Health Facilities Authority Revenue, First Mortgage Healthcare Facilities Revenue Bonds, GF/Orlando Inc. Project	9.000%	7/1/31	885,000	885,203
Palm Beach County, FL, Health Facilities Authority Revenue, John F. Kennedy Memorial Hospital Inc. Project	9.500%	8/1/13	80,000	81,754(d)
Reunion, FL, East Community Development District, Special Assessment	7.375%	5/1/33	1,385,000	1,388,781
Reunion, FL, East Community Development District, Special Assessment	7.375%	5/1/33	615,000	307,500(b)
Santa Rosa, FL, Bay Bridge Authority Revenue	6.250%	7/1/28	949,207	408,159(b)
University of Central Florida, COP, FGIC	5.000%	10/1/25	1,000,000	1,028,060
Total Florida				7,867,292
Georgia 4.5%				
Atlanta, GA, Airport Revenue, AGM	5.000%	1/1/26	1,000,000	1,061,950
Atlanta, GA, Development Authority Educational Facilities Revenue, Science Park LLC Project	5.000%	7/1/32	2,000,000	2,204,520
Atlanta, GA, Water & Wastewater Revenue	6.250%	11/1/39	2,000,000	2,469,980
DeKalb, Newton & Gwinnett Counties, GA, Joint Development Authority Revenue, GGC Foundation LLC Project	6.125%	7/1/40	1,000,000	1,158,090
Franklin County, GA, Industrial Building Authority Revenue, Emmanuel College Inc.	6.000%	11/1/32	1,000,000	997,720
Total Georgia				7,892,260
Hawaii 1.9%				
Hawaii State Department of Budget & Finance Special Purpose Revenue: Craigside Retirement Residence	7.500%	11/15/15	805,000	807,463
Craigside Retirement Residence	8.750%	11/15/29	200,000	238,288
Hawaiian Electric Co.	6.500%	7/1/39	2,000,000	2,340,700
Total Hawaii				3,386,451
Illinois 1.8%				
Illinois Finance Authority Revenue: Park Place of Elmhurst	8.125%	5/15/40	1,000,000	1,033,090
Refunding, Chicago Charter School Project	5.000%	12/1/26	1,000,000	1,062,460

See Notes to Financial Statements.

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Schedule of investments (unaudited) (cont d)

April 30, 2013

Western Asset Municipal High Income Fund Inc.

Security	Rate	Maturity Date	Face Amount	Value
<i>Illinois continued</i> Illinois State Finance Authority Revenue, Franciscan Communities Inc.	5.250%	5/15/47		