

WESTERN ASSET GLOBAL HIGH INCOME FUND INC.
Form N-CSR
July 28, 2011

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 811-21337

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

620 Eight Avenue, 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 May 31
end:

Date of reporting period: May 31, 2011

ITEM 1. REPORT TO STOCKHOLDERS.

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

May 31, 2011

Annual Report

**Western Asset Global High Income Fund Inc.
(EHI)**

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

Western Asset Global High Income Fund Inc.

II

Fund objectives

The Fund's primary investment objective is high current income. The Fund's secondary investment objective is total return.

What's inside

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Letter from the chairman

Dear Shareholder,

We are pleased to provide the annual report of Western Asset Global High Income Fund Inc. for the twelve-month reporting period ended May 31, 2011. Please read on for a detailed look at prevailing economic and market conditions during the Fund's reporting period and to learn how those conditions have affected Fund performance.

As always, we remain committed to providing you with excellent service and a full spectrum of investment 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.leggmason.com/cef. 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,

R. Jay Gerken, CFA

Chairman, President and Chief Executive Officer

June 24, 2011

Investment commentary

Economic review

While economic indicators were somewhat mixed, the U.S. economy continued to expand over the twelve months ended May 31, 2011. Looking back, beginning with the fourth quarter of 2010, fears regarding moderating economic growth were replaced with optimism for a strengthening economy in 2011. However, toward the end of the reporting period, concerns regarding the sustainability of the economic recovery returned, negatively impacting some sectors of the equity and fixed-income markets. All told, investors who took on additional risk in their portfolios during the reporting period were generally rewarded.

Although the U.S. Department of Commerce continued to report positive U.S. gross domestic product (GDP)i growth, the expansion has been less robust than has been realized during most other periods exiting a severe recession. According to the Commerce Department, GDP growth was 3.7%, 1.7%, 2.6% and 3.1% during the first, second, third and fourth quarters of 2010, respectively. For calendar 2010 as a whole, the economy expanded 2.9%. The Commerce Department then reported that first quarter 2011 GDP growth was 1.9%. This moderation in growth during the first quarter was due to a variety of factors, including less robust export activity, a decline in government spending and a deceleration in consumer spending given rising oil and food prices.

Turning to the job market, while there were some periods of improvement during the reporting period, unemployment remained stubbornly high. After being 9.0% or higher since April 2009, the unemployment rate fell to 8.9% in February and 8.8% in March 2011. The job market then took two steps backward, as unemployment rose to 9.0% in April and 9.1% in May. Based on U.S. Department of Labor figures, the private sector which represents roughly 70% of the total U.S. workforce added only 83,000 jobs in May, the smallest amount since June 2010. As of the end of the reporting period, approximately 13.9 million Americans looking for work had yet to find a job, and roughly 45% of these individuals have been out of work for more than six months. In addition, while the Federal Reserve Board (Fed)ii believes that unemployment will decline, it projects that it will remain relatively high, between 7.5% and 8.0% at the end of 2012.

The long-ailing housing market continued to show signs of strain during the reporting period. Looking back, sales increased in the spring of 2010 largely due to the government's \$8,000 tax credit for first-time home buyers. This proved to be only a temporary boost, as sales subsequently weakened after the tax credit expired at the end of April. Existing-home sales did rebound somewhat toward the end of 2010 and in January 2011, as mortgage rates remained relatively low. However, according to the National Association of Realtors (NAR), existing-home sales then declined a sharp 8.9% in February. After a 3.5% increase in March, existing-home sales fell 1.8% and 3.8% in April and May, respectively. At the end of May, the inventory of unsold homes was a 9.3 month supply at the current sales level, versus a 9.0 month supply in April. Existing-home prices remained disappointingly low, with the NAR reporting that the median existing-home price for all housing types was \$166,500 in May 2011, down 4.6% from May 2010.

Western Asset Global High Income Fund Inc.

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Investment commentary (continued)

Even the manufacturing sector, one of the stalwarts of the economy in recent years, softened at the end of the reporting period. Based on the Institute for Supply Management's PMIⁱⁱⁱ, the manufacturing sector grew twenty-two consecutive months since it began expanding (a reading below 50 indicates a contraction, whereas a reading above 50 indicates an expansion) in August 2009. In January 2011, the manufacturing sector expanded at its fastest pace since May 2004, with a reading of 60.8 versus 58.5 for the previous month. Manufacturing activity remained strong during the next three months and was 60.4 in April. However, it then declined to 53.5 in May, the lowest reading in the past twelve months. This was attributed, in part, to supply disruptions triggered by the March earthquake and tsunami in Japan.

Outside of the U.S., economic news was largely dominated by the sovereign debt crisis in Europe, geopolitical events in the Middle East and Northern Africa (MENA), and the natural disasters in Japan. During the reporting period, Ireland joined Greece in requesting financial support from the European Union (EU) and International Monetary Fund (IMF), and Portugal also requested bailout funds. Political turmoil in the MENA region caused oil prices to rise above \$100 a barrel in February 2011, the first such occurrence in roughly two years. This led to concerns that higher oil prices could temper economic growth in both developed and emerging market countries. The tragedy in Japan also impacted the global economy. The World Bank has projected damage in northeast Japan could reach \$235 billion. Japan's economy fell back into recession in the first quarter of 2011, with GDP contracting 0.9%. However, the World Bank stated, "As a result of the earthquake and tsunami, Japan's real GDP growth will slow, but the slowdown will likely be temporary. Growth should start picking up after mid-2011 as reconstruction efforts get underway."

Financial market overview

To a large extent, the financial markets were characterized by healthy investor risk appetite and solid results by stocks and lower-quality bonds. However, the financial markets experienced several periods of heightened volatility during the reporting period. The markets experienced sell-offs in mid-November 2010 and in mid-February, mid-March and May 2011. During those periods, investors tended to favor the relative safety of U.S. Treasury securities. However, these setbacks proved to be only temporary and risk aversion was generally replaced with solid demand for riskier assets.

Due to signs that certain areas of the economy were moderating early in the reporting period, the Fed took further actions to spur the economy. At its August 2010 meeting, the Fed announced an ongoing program that calls for using the proceeds from maturing agency debt and agency mortgage-backed securities to purchase longer-dated Treasury securities.

In addition, the Fed remained cautious throughout the reporting period given pockets of weakness in the economy. At its meeting in September 2010, the Fed said, "The Committee will continue to monitor the economic outlook and financial developments and is prepared to provide additional accommodation if needed to support the economic recovery. . . . This led to speculation that the Fed may again move to purchase large amounts of agency and Treasury securities in an attempt to avoid a double-dip recession and ward off deflation."

The Fed then took additional action in early November 2010. Citing that the pace of recovery in output and employment continues to be slow, the Fed announced another round of quantitative easing to help stimulate the economy, entailing the purchase of \$600 billion of long-term U.S. Treasury securities by the end of the second quarter of 2011. This, coupled with its previously announced program to use the proceeds of maturing securities to purchase Treasuries, means the Fed could buy a total of \$850 billion to \$900 billion of Treasury securities by the end of June 2011.

At its meeting in June 2011, the Fed said, "Information received since the Federal Open Market Committee met in April indicates that the economic recovery is continuing at a moderate pace, though somewhat more slowly than the Committee had expected. . . . To promote the ongoing economic recovery and to help ensure that inflation, over time, is at levels consistent with its mandate, the Committee decided today to keep the target range for the federal funds rate at 0 to 1/4 percent. The Committee continues to anticipate that economic conditions—including low rates of resource utilization and a subdued outlook for inflation over the medium run—are likely to warrant exceptionally low levels for the federal funds rate for an extended period. The Fed also announced that it will complete its \$600 billion Treasury securities purchase program at the end of June.

Given the economic challenges in the Eurozone, the European Central Bank (ECB) kept interest rates at 1.00% during most of the reporting period. However, in early April 2011, the ECB raised interest rates from 1.00% to 1.25%—the first rate hike since July 2008. The ECB then held rates steady in May. In other developed countries, the Bank of England kept rates on hold at 0.5% during the period, as did Japan at a range of zero to 0.1%, the lowest level since 2006. Elsewhere, a number of emerging market countries, including China, India and Brazil, raised interest rates during the reporting period in an effort to ward off inflation.

Fixed-income market review

Most spread sectors (non-Treasuries) started the reporting period on the right foot, as they produced positive absolute returns in June and July, given robust investor demand for these securities. This rally was interrupted by a bout of risk aversion in August, with fears that the economy might slip back into a recession. Due to expectations for additional quantitative easing, most spread sectors rallied in September and October, before weakening again in the middle of November as the European sovereign debt crisis again took center stage. Most U.S. spread sectors then rallied through the end of April 2011. However, emerging market debt produced mixed results given uncertainties in Europe, concerns regarding economic growth in China and its potential impact on the global economy, geopolitical unrest in the Middle East and the devastating earthquake and tsunami in Japan. In May, the U.S. spread sectors generally posted positive results, but underperformed equal-duration Treasuries. This occurred as economic data were often worse-than-expected and Treasuries rallied sharply given increased investor risk aversion.

Both short- and long-term Treasury yields fluctuated but, overall, moved lower during the twelve months ended May 31, 2011. When the period began, two- and ten-year Treasury yields were 0.76% and 3.31%, respectively. Yields largely declined during much of the

Western Asset Global High Income Fund Inc.

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Investment commentary (cont d)

next five months, with two-year Treasuries hitting their low for the reporting period of 0.33% on November 4, 2010. Ten-year Treasuries reached their reporting period trough of 2.41% in early October. Yields then moved sharply higher given expectations for stronger growth in 2011 and the potential for rising inflation. Yields declined again beginning in mid-February as there was another flight to quality due to the conflict in Libya and, later, given the tragic events in Japan. Yields moved higher toward the end of March as investor risk appetite resumed, but then declined in April and May largely due to disappointing economic data. When the period ended on May 31, 2011, two-year Treasury yields were 0.45% and ten-year Treasury yields were 3.05%. For the twelve months ended May 31, 2011, the Barclays Capital U.S. Aggregate Index^{vi} returned 5.84%. In comparison, the Barclays Capital Global Aggregate Index (Hedged)^{vii} returned 3.22% over the same time frame.

The U.S. high-yield bond market produced strong results during the reporting period. The asset class posted positive returns during each month except for November 2010, when risk aversion rose sharply. The high-yield market was supported by generally better-than-expected corporate profits and overall strong investor demand. All told, the Barclays Capital U.S. High Yield 2% Issuer Cap Index^{viii} returned 18.10% for the twelve months ended May 31, 2011.

Despite periods of heightened volatility, the emerging market debt asset class generated strong results for the twelve-month reporting period. After a solid start, investor concerns regarding interest rate hikes in China and unrest in the MENA region dragged the asset class down from November 2010 through January 2011. Emerging market debt prices then largely stabilized in February and rallied from March through May. Overall, the JPMorgan Emerging Markets Bond Index Global (EMBI Global)^{ix} returned 12.71% over the twelve months ended May 31, 2011.

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

Sincerely,

R. Jay Gerken, CFA

Chairman, President and Chief Executive Officer

June 24, 2011

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. Forecasts and predictions are inherently limited and should not be relied upon as an indication of actual or future performance.

- 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 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.
- iii 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.
- 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 Capital 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.
- vii The Barclays Capital Global Aggregate Index (Hedged) is a broad-based bond index that measures a wide spectrum of global government, government-related agencies, corporate and securitized fixed-income investments, all with maturities greater than one year.
- viii The Barclays Capital U.S. High Yield 2% Issuer Cap Index is an index of the 2% Issuer Cap component of the Barclays Capital U.S. Corporate High Yield Index, which covers the U.S. dollar-denominated, non-investment grade, fixed-rate, taxable corporate bond market.
- ix The JPMorgan Emerging Markets Bond Index Global (EMBI Global) tracks total returns for U.S. dollar-denominated debt instruments issued by emerging market sovereign and quasi-sovereign entities: Brady bonds, loans, Eurobonds and local market instruments.

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Fund overview**Q. What is the Fund's investment strategy?**

A. The Fund's primary investment objective is high current income and its secondary objective is total return. Under normal market conditions, the Fund invests in a global portfolio of securities consisting of below investment grade fixed-income securities, emerging market fixed-income securities and investment grade fixed-income securities. We have broad discretion to allocate the Fund's assets among the following segments of the global market for below investment and investment grade fixed-income securities: corporate bonds, loans, preferred stock, mortgage- and asset-backed securities and sovereign debt, and derivative instruments of the foregoing securities. The Fund may use a variety of derivative instruments, such as options, futures contracts, swap agreements and credit default swaps, as part of its investment strategies or for hedging or risk management purposes.

At Western Asset Management Company (Western Asset), the Fund's subadviser, we utilize a fixed-income team approach, with decisions derived from interaction among various investment management sector specialists. The sector teams are comprised of Western Asset's senior portfolio managers, research analysts and an in-house economist. Under this team approach, management of client fixed-income portfolios will reflect a consensus of interdisciplinary views within the Western Asset organization. The portfolio managers responsible for development of investment strategy, day-to-day portfolio management, oversight and coordination of the Fund are S. Kenneth Leech, Stephen A. Walsh, Michael C. Buchanan, Keith J. Gardner and Ryan Brist.

Q. What were the overall market conditions during the Fund's reporting period?

A. During the twelve months ended May 31, 2011, risk appetite was generally strong as investors sought incremental yields given the low rates available from short-term fixed-income securities. Also supporting the spread sectors (non-U.S. Treasuries) were continued positive economic growth, generally improving corporate profits and strengthening corporate balance sheets.

While the spread sectors rallied during most of the reporting period, there were several occasions when investor risk aversion increased. These flights to quality were triggered by a number of events, including the sovereign debt crisis in Europe, concerns regarding the economy and inflation, geopolitical issues in the Middle East and Northern Africa and the tragedy in Japan. However, in most cases, risk aversion was fairly quickly replaced with a resumption of demand for riskier assets.

The yields on two- and ten-year Treasuries began the fiscal year at 0.76% and 3.31%, respectively. Treasury yields fluctuated during the twelve-month reporting period given changing expectations regarding the economy and uncertainties regarding Federal Reserve Board (Fed)'s monetary policy. During the fiscal year, two-year Treasury yields moved as high as 0.87% and as low as 0.33%, while ten-year Treasury yields rose as high as 3.75% and fell as low as 2.41%. On May 31, 2011, yields on two- and ten-year Treasuries were 0.45% and 3.05%, respectively.

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The Barclays Capital U.S. Aggregate Indexⁱⁱ returned 5.84% for the twelve months ended May 31, 2011. Investment grade corporate bonds posted solid results, with the Barclays

Western Asset Global High Income Fund Inc. 2011 Annual Report

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Fund overview (cont d)

Capital U.S. Corporate Investment Grade Indexⁱⁱⁱ returning 9.51%. Comparatively, riskier fixed-income securities, including high-yield bonds, produced even stronger results as the Barclays Capital U.S. High Yield $\text{2\% Issuer Cap Index}$ ^{iv} (the Index) returned 18.10% for the twelve-month period. During this period, as measured by the Index, lower-quality CCC-rated bonds outperformed higher-quality BB-rated securities, returning 21.01% and 17.08%, respectively. Emerging market debt, as measured by the JPMorgan Emerging Markets Bond Index Global (EMBI Global)^v, returned 12.71% for the twelve months ended May 31, 2011.

Q. How did we respond to these changing market conditions?

A. A number of adjustments were made to the Fund during the reporting period. Given concerns about rising interest rates, we pared the Fund's exposure to U.S. investment grade corporate bonds and allocated the proceeds to less interest rate sensitive U.S. high-yield and emerging market debt. We also felt that the latter two asset classes were more attractively valued than U.S. investment grade corporates.

While the Fund maintained its lower-quality bias, we pared our exposure to certain U.S. CCC and below-rated securities to capture profits during the fiscal year. While we maintained an underweight to higher-quality bonds, we increased our allocation, targeting issuers that our research team felt had potential to be upgraded to investment grade.

Although we decreased our overall exposure to investment grade corporates, we actively participated in the new issue market by selectively purchasing new positions in this asset class, as well as high-yield and emerging market debt from a variety of sectors. Toward the end of the fiscal year, we slightly reduced the Fund's use of leverage. This was done as a defensive measure in the event that there were a pullback in the market given its strong performance during the reporting period.

The Fund employed U.S. Treasury futures during the reporting period to manage its yield curve^{vi} positioning and duration^{vii}. This strategy did not materially affect performance. The Fund also utilized currency forwards to hedge our currency exposure. In particular, our Eurozone and sterling currency forwards were detractors from the Fund's performance during the reporting period with the euro and the sterling strengthening roughly 20% and 12%, respectively, versus the U.S. dollar. Our losses on these currency hedges were offset by the currency appreciation of our euro- and sterling-denominated holdings.

Performance review

For the twelve months ended May 31, 2011, Western Asset Global High Income Fund Inc. returned 22.75% based on its net asset value (NAV)^{viii} and 36.14% based on its New York Stock Exchange (NYSE) market price per share. The Fund's unmanaged benchmarks, the Barclays Capital U.S. Aggregate Index, the Barclays Capital U.S. High Yield $\text{2\% Issuer Cap Index}$ and the EMBI Global, returned 5.84%, 18.10% and

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12.71%, respectively, for the same period. The Lipper High Current Yield (Leveraged) Closed-End Funds Category Averageix returned 21.65% over the same time frame. Please note that Lipper performance returns are based on each fund's NAV.

During the twelve-month period, the Fund made distributions to shareholders totaling \$1.12 per share. The performance table on the following page shows the Fund's twelve-month total

return based on its NAV and market price as of May 31, 2011. **Past performance is no guarantee of future results.**

Performance Snapshot as of May 31, 2011

	12-Month Total Return*
Price Per Share	
\$13.62 (NAV)	22.75%
\$13.38 (Market Price)	36.14%

All figures represent past performance and are not a guarantee of future results.

* Total returns are based on changes in NAV or market price, respectively.

Total return assumes the reinvestment of all distributions at NAV.

Total return assumes the reinvestment of all distributions in additional shares in accordance with the Fund's Dividend Reinvestment Plan.

Q. What were the leading contributors to performance?

A. The portfolio's exposure to the high-yield bond market was the largest contributor to the Fund's absolute performance during the reporting period. Within our high-yield allocation, individual issuer selection was the main driver of returns. In particular, our exposures to **Energy Future Holdings Corp.** and **Wind Acquisition Holdings Finance SpA** enhanced the Fund's results. Energy Future Holdings benefited primarily from strong balance sheet management, as well as general economic improvement. The company was able to extend the maturity of more than \$15 billion of its debt, originally due from 2014 to 2017. The market responded very favorably to the company's ability to secure extended financing through 2017. Wind Acquisition is an Italian telecommunication operator that offers integrated wireless, fixed line and Internet services. Despite uncertainties related to the ongoing European sovereign debt crisis, the company's fundamentals improved during the fiscal year and its debt spreads narrowed. Additionally, in April 2011, the company was acquired by **Vimpel Communications** (VimpelCom), Russia's second-largest mobile phone operator. Subsequent to the acquisition by the higher-rated VimpelCom, the company's spreads further narrowed.

The Fund's emerging market debt exposure also contributed positively to performance. In particular, our holding of Argentina's sovereign debt was beneficial. The market reacted positively when Argentina announced the details of a debt swap to settle claims associated with its 2001 default. This caused Argentina's existing outstanding debt to rally as it was felt that the country would regain access to developed world capital markets. Additionally, Argentina's sovereign debt benefited from strong economic fundamentals. The Fund's exposure to Venezuela was also rewarded. Venezuela, aided by robust economic growth and higher oil prices, outperformed the overall EMBI Global. Furthermore, Venezuela's sovereign debt was boosted by strong investor demand as it offered very attractive yields in a low yield environment.

Our exposure to investment grade corporate bonds also enhanced the Fund's results. Positions in **American International Group Inc.** (AIG) and **Citigroup Inc.** were the leaders within this asset class. AIG's senior debt performed well due to improved fundamental results, combined with an

improving balance sheet which included an initial public offering of its Asia operations and the sale of another business to a competitor during the period. Citigroup's bonds rallied as confidence in the banking system improved and it became apparent that banks would be able to continue paying their coupons. In addition, the

Western Asset Global High Income Fund Inc. 2011 Annual Report

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Fund overview (cont d)

fundamentals in the banking industry were better, as capital reserves increased and corporate earnings were often better-than expected.

Q. What were the leading detractors from performance?

A. The largest detractors from the Fund's absolute results during the reporting period were our holdings in **Trico Shipping AS** and **OPTI Canada Inc.**, both in the high-yield sector. Our senior secured position in Trico Shipping suffered over the fiscal year as its parent company, Trico Marine SA, defaulted on an interest payment in May 2010. Trico Marine had been weathering a downturn in its towing supply and sub-sea businesses, as exploration spending by major international and national oil companies, its key customers, has been suppressed over the last two years, following the global recession. Trico Shipping subsequently defaulted on an interest payment due in November 2010. Although trading levels were volatile and influenced by ongoing headlines, with the backing of a strong collateral package on our secured position, we expected recoveries to be high. Toward the end of the reporting period, Trico Shipping completed a recapitalization and we received a new equity position in exchange for our debt position. OPTI Canada, which is focused on developing major oil sands projects in Canada, experienced hardships from the collapse in crude oil prices from the peak in 2008 and the subsequent credit crisis. Since then, OPTI Canada has been struggling with liquidity as the company's cash needs are elevated at this point in its oil sands project build-out. Its bonds declined in a rising market and we decided to liquidate our position in January 2011. As we anticipated, restructuring negotiations have proven challenging and OPTI Canada's bonds have continued to move materially lower since we removed this issuer from the portfolio.

Our exposure to emerging market corporate debt issuer **China Forestry Holdings Co., Ltd.** was also a drag on the Fund's results. The company is one of the largest, privately-held, naturally regenerated and plantation forest operators in China in terms of coverage area of owned forest rights. Its debt performed poorly as its chief executive officer was charged with embezzling from the company. The Fund continues to hold the position, given our belief that the company has adequate offshore cash and assets to help it weather this storm.

Looking for additional information?

The Fund is traded under the symbol **EHI** and its closing market price is available in most newspapers under the NYSE listings. The daily NAV is available on-line under the symbol **XEHIX** 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.leggmason.com/cef.

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.

Thank you for your investment in Western Asset Global High Income Fund Inc. As always, we appreciate that you have chosen us to manage

your assets and we remain focused on achieving the Fund's investment goals.

Sincerely,

Western Asset Management Company

June 14, 2011

RISKS: *An investment in the Fund is subject to investment risk, including the possible loss of the entire principal amount that you invest. As interest rates rise, bond prices fall, reducing the value of the Fund's holdings. The Fund may use derivatives, such as options, futures contracts, swap agreements and credit default swaps, which can be illiquid, may disproportionately increase losses and have a potentially large impact on Fund performance. Investing in foreign securities is subject to certain risks not associated with domestic investing, such as currency fluctuations, and changes in political and economic conditions. These risks are magnified in emerging or developing markets. High-yield bonds involve greater credit and liquidity risks than investment grade bonds. Leverage may magnify gains and increase losses in the Fund's portfolio.*

Portfolio holdings and breakdowns are as of May 31, 2011 and are subject to change and may not be representative of the portfolio managers current or future investments. Please refer to pages 9 through 31 for a list and percentage breakdown of the Fund's holdings.

The mention of sector breakdowns is for informational purposes only and should not be construed as a recommendation to purchase or sell any securities. The information provided regarding such sectors is not a sufficient basis upon which to make an investment decision. Investors seeking financial advice regarding the appropriateness of investing in any securities or investment strategies discussed should consult their financial professional. The Fund's top five sector holdings (as a percentage of total investments) as of May 31, 2011 were: Sovereign Bonds (18.1%), Consumer Discretionary (16.4%), Energy (12.1%), Materials (10.9%) and Financials (10.8%). The Fund's portfolio composition is subject to change at any time.

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 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.

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- ii The Barclays Capital 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.
- iii The Barclays Capital U.S. Corporate Investment Grade Index is an unmanaged index consisting of publicly issued U.S. corporate and specified foreign debentures and secured notes that are rated investment grade (Baa3/BBB- or higher) by at least two ratings agencies, have at least one year to final maturity and have at least \$250 million par amount outstanding. To qualify, bonds must be SEC-registered.
- iv The Barclays Capital U.S. High Yield 2% Issuer Cap Index is an index of the 2% Issuer Cap component of the Barclays Capital U.S. Corporate High Yield Index, which covers the U.S. dollar-denominated, non-investment grade, fixed-rate, taxable corporate bond market.
- v The JPMorgan Emerging Markets Bond Index Global (EMBI Global) tracks total returns for U.S. dollar-denominated debt instruments issued by emerging market sovereign and quasi-sovereign entities: Brady bonds, loans, Eurobonds and local market instruments.
- vi The yield curve is the graphical depiction of the relationship between the yield on bonds of the same credit quality but different maturities.
- vii 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.
- 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 investments) 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 twelve-month period ended May 31, 2011, including the reinvestment of all distributions, including returns of capital, if any, calculated among the 39 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 May 31, 2011 and May 31, 2010 and does not include derivatives such as futures contracts, forward foreign currency contracts, written options and swap contracts. The Fund is actively managed. As a result, the composition of the Fund's investments is subject to change at any time.

Spread duration (unaudited)

Economic Exposure May 31, 2011

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.

1/3 BC Aggregate, 1/3 JPM EMBI Global,
1/3 BC High Yield 2% Issuer Cap

1/3 Barclays Capital U.S. Aggregate Index,
1/3 JP Morgan Emerging Markets Bond Index Global
and

ABS
EHI
EM
HY
IG Credit
MBS
Non-\$

1/3 Barclays U.S. High Yield 2% Issuer Cap Index
Asset Backed Securities
Western Asset Global High Income Fund Inc.
Emerging Markets
High Yield
Investment Grade Credit
Mortgage Backed Securities
Non-U.S. Dollar

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Effective duration (unaudited)

Interest Rate Exposure May 31, 2011

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.

1/3 BC Aggregate, 1/3 JPM EMBI Global,
1/3 BC High Yield 2% Issuer Cap

1/3 Barclays Capital U.S. Aggregate Index,
1/3 JP Morgan Emerging Markets Bond Index Global and
1/3 Barclays U.S. High Yield 2% Issuer Cap Index

EHI
EM
HY
IG Credit
MBS
Non-\$

Western Asset Global High Income Fund Inc.
Emerging Markets
High Yield
Investment Grade Credit
Mortgage Backed Securities
Non-U.S. Dollar

Schedule of investments

May 31, 2011

Western Asset Global High Income Fund Inc.

Security	Rate	Maturity Date	Face Amount	Value
Corporate Bonds & Notes 77.7%				
Consumer Discretionary 14.8%				
Auto Components 0.3%				
Europcar Groupe SA, Senior Notes	9.375%	4/15/18	1,075,000EUR	\$1,605,046 (a)
Automobiles 0.5%				
Escrow GCB General Motors	8.250%	7/15/23	300,000	10,500(a)(b)(f)
Escrow GCB General Motors	8.375%	7/15/33	3,500,000	122,500(a)(b)(f)
Ford Motor Credit Co., LLC, Senior Notes	9.875%	8/10/11	115,000	116,643
Ford Motor Credit Co., LLC, Senior Notes	7.500%	8/1/12	1,930,000	2,045,383(c)
Total Automobiles				2,295,026
Diversified Consumer Services 0.8%				
Odeon & UCI Finco PLC, Senior Secured Notes	9.000%	8/1/18	1,060,000GBP	1,752,839(a)
Service Corp. International, Senior Notes	7.625%	10/1/18	185,000	205,119
Service Corp. International, Senior Notes	7.500%	4/1/27	620,000	604,500(c)
Sotheby's, Senior Notes	7.750%	6/15/15	910,000	1,016,925(c)
Stonemor Operating LLC/Cornerstone Family Services of WV/Osiris Holding, Senior Notes	10.250%	12/1/17	460,000	475,525(c)
Total Diversified Consumer Services				4,054,908
Hotels, Restaurants & Leisure 4.1%				
Boyd Gaming Corp., Senior Notes	9.125%	12/1/18	160,000	166,600(a)
Caesars Entertainment Operating Co. Inc., Senior Notes	10.750%	2/1/16	1,640,000	1,656,400
Caesars Entertainment Operating Co. Inc., Senior Secured Notes	11.250%	6/1/17	1,280,000	1,446,400(c)
Caesars Entertainment Operating Co. Inc., Senior Secured Notes	10.000%	12/15/15	210,000	215,513
CCM Merger Inc., Notes	8.000%	8/1/13	550,000	552,750(a)
Choctaw Resort Development Enterprise, Senior Notes	7.250%	11/15/19	503,000	386,053(a)(c)
CityCenter Holdings LLC/CityCenter Finance Corp., Senior Secured Notes	10.750%	1/15/17	1,220,000	1,369,450(a)(d)
El Pollo Loco Inc., Senior Notes	11.750%	11/15/13	1,375,000	1,254,687
El Pollo Loco Inc., Senior Secured Notes	11.750%	12/1/12	180,000	186,525
Enterprise Inns PLC, Senior Secured Bonds	6.500%	12/6/18	1,095,000GBP	1,626,145
Hoa Restaurant Group LLC/Hoa Finance Corp., Senior Secured Notes	11.250%	4/1/17	610,000	626,775(a)(c)
Inn of the Mountain Gods Resort & Casino, Senior Secured Notes	8.750%	11/30/20	519,000	519,000(a)
Landry's Holdings Inc., Senior Secured Notes	11.500%	6/1/14	800,000	804,000(a)
Landry's Restaurants Inc., Senior Secured Notes	11.625%	12/1/15	565,000	615,850(c)
Landry's Restaurants Inc., Senior Secured Notes	11.625%	12/1/15	190,000	207,100(a)

See Notes to Financial Statements.

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Schedule of investments (cont d)

May 31, 2011

Western Asset Global High Income Fund Inc.

Security	Rate	Maturity Date	Face Amount	Value
<i>Hotels, Restaurants & Leisure continued</i>				
MGM Resorts International, Senior Secured Notes	10.375%	5/15/14	475,000	\$ 551,000
MGM Resorts International, Senior Secured Notes	11.125%	11/15/17	1,135,000	1,322,275
Mohegan Tribal Gaming Authority, Senior Subordinated Notes	8.000%	4/1/12	1,510,000	1,328,800
Mohegan Tribal Gaming Authority, Senior Subordinated Notes	7.125%	8/15/14	675,000	496,125
Mohegan Tribal Gaming Authority, Senior Subordinated Notes	6.875%	2/15/15	625,000	442,188
NCL Corp. Ltd., Senior Notes	9.500%	11/15/18	1,770,000	1,911,600(a)
NCL Corp. Ltd., Senior Secured Notes	11.750%	11/15/16	200,000	234,750
Pinnacle Entertainment Inc., Senior Subordinated Notes	7.500%	6/15/15	190,000	195,225
Pinnacle Entertainment Inc., Senior Subordinated Notes	8.750%	5/15/20	140,000	151,550
Seven Seas Cruises S de RL LLC, Senior Secured Notes	9.125%	5/15/19	800,000	826,000(a)
Snoqualmie Entertainment Authority, Senior Secured Notes	4.204%	2/1/14	150,000	137,625(a)(e)
Station Casinos Inc., Senior Notes	6.000%	4/1/12	110,000	11(b)(f)
Station Casinos Inc., Senior Notes	7.750%	8/15/16	760,000	76(b)(f)
Sugarhouse HSP Gaming Prop Mezz LP/ Sugarhouse HSP Gaming Finance Corp., Secured Notes	8.625%	4/15/16	750,000	778,125(a)
Thomas Cook Group PLC, Senior Notes	7.750%	6/22/17	548,000GBP	890,191
<i>Total Hotels, Restaurants & Leisure</i>				20,898,789
<i>Household Durables 0.4%</i>				
DFS Furniture Holdings PLC, Senior Secured Notes	9.750%	7/15/17	676,000GBP	1,103,679(a)
DirectBuy Holdings Inc., Senior Secured Notes	12.000%	2/1/17	490,000	218,050(a)
Standard Pacific Corp., Senior Notes	8.375%	1/15/21	610,000	614,575
<i>Total Household Durables</i>				1,936,304
<i>Internet & Catalog Retail 0.3%</i>				
Netflix Inc., Senior Notes	8.500%	11/15/17	780,000	883,350(c)
QVC Inc., Senior Secured Notes	7.375%	10/15/20	480,000	517,200(a)(c)
<i>Total Internet & Catalog Retail</i>				1,400,550
<i>Media 5.8%</i>				
Affinity Group LLC, Senior Secured Notes	11.500%	12/1/16	800,000	852,000(a)(c)
CCH II LLC/CCH II Capital Corp., Senior Notes	13.500%	11/30/16	611,751	731,044(c)
CCO Holdings LLC/CCO Holdings Capital Corp., Senior Notes	7.875%	4/30/18	1,790,000	1,906,350(c)

See Notes to Financial Statements.

Western Asset Global High Income Fund Inc.

Security	Rate	Maturity Date	Face Amount	Value
Media continued				
CCO Holdings LLC/CCO Holdings Capital Corp., Senior Notes	8.125%	4/30/20	2,180,000	\$ 2,368,025(c)
Cengage Learning Acquisitions Inc., Senior Notes	10.500%	1/15/15	2,560,000	2,444,800(a)
Cengage Learning Acquisitions Inc., Senior Subordinated Notes	13.250%	7/15/15	710,000	678,050(a)
Charter Communications Inc., Senior Notes	6.500%	4/30/21	760,000	752,400
CMP Susquehanna Corp.	3.443%	5/15/14	46,000	34,926(a)(b)(e)
CSC Holdings Inc., Senior Debentures	7.875%	2/15/18	1,500,000	1,650,000(c)
DISH DBS Corp., Senior Notes	7.875%	9/1/19	1,080,000	1,181,250(c)
DISH DBS Corp., Senior Notes	6.750%	6/1/21	180,000	182,700(a)
Grupo Televisa SA, Senior Bonds	6.625%	1/15/40	1,300,000	1,420,770(c)
ITV PLC, Senior Notes	10.000%	6/30/14	2,000,000EUR	3,302,762
LBI Media Inc., Senior Secured Notes	9.250%	4/15/19	760,000	773,300(a)
Musketeer GmbH, Senior Secured Notes	9.500%	3/15/21	1,250,000EUR	1,965,270(a)
NET Servicos de Comunicacao SA, Bonds	7.500%	1/27/20	480,000	553,200
Nielsen Finance LLC/Nielsen Finance Co., Senior Notes	7.750%	10/15/18	630,000	678,825(a)(c)
Ono Finance II PLC, Senior Bonds	11.125%	7/15/19	890,000EUR	1,386,464(a)
Seat Pagine Gialle SpA, Senior Secured Notes	10.500%	1/31/17	366,000EUR	496,425(a)(g)
Time Warner Inc.	6.500%	11/15/36	160,000	172,982
TVN Finance Corp. III AB, Senior Notes	7.875%	11/15/18	225,000EUR	331,892(a)
Univision Communications Inc., Senior Notes	8.500%	5/15/21	540,000	558,900(a)
Univision Communications Inc., Senior Secured Notes	6.875%	5/15/19	840,000	844,200(a)(c)
Univision Communications Inc., Senior Secured Notes	7.875%	11/1/20	820,000	873,300(a)(c)
UPC Holding BV, Senior Notes	9.875%	4/15/18	330,000	371,250(a)
UPCB Finance III Ltd., Senior Secured Notes	6.625%	7/1/20	520,000	521,300(a)
Virgin Media Finance PLC, Senior Notes	9.125%	8/15/16	315,000	333,112
Ziggo Bond Co. BV, Senior Notes	8.000%	5/15/18	1,450,000EUR	2,183,204(a)
Total Media				29,548,701
Multiline Retail 0.5%				
Neiman Marcus Group Inc., Senior Secured Notes	7.125%	6/1/28	2,490,000	2,390,400(c)
Specialty Retail 1.5%				
American Greetings Corp., Senior Notes	7.375%	6/1/16	1,770,000	1,831,950(c)
American Greetings Corp., Senior Notes	7.375%	6/1/16	120,000	119,400
American Greetings Corp., Senior Notes	7.375%	6/1/16		