

Western Asset Investment Grade Defined Opportunity Trust Inc.
Form N-CSRS
July 25, 2012

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 811-22294

Western Asset Investment Grade Defined Opportunity Trust 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: November 30

Date of reporting period: May 31, 2012

ITEM 1. REPORT TO STOCKHOLDERS.

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

May 31, 2012

Semi-Annual Report

**Western Asset Investment Grade Defined Opportunity Trust Inc.
(IGI)**

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

Western Asset Investment Grade Defined Opportunity Trust Inc.

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Fund objectives

The Fund's primary investment objective is to provide current income and then to liquidate and distribute substantially all of the Fund's net assets to stockholders on or about December 2, 2024. As a secondary investment objective, the Fund will seek capital appreciation. There can be no assurance the Fund will achieve its investment objectives.

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Letter from the chairman

Dear Shareholder,

We are pleased to provide the semi-annual report of Western Asset Investment Grade Defined Opportunity Trust Inc. for the six-month reporting period ended May 31, 2012. Please read on for Fund performance information and a detailed look at prevailing economic and market conditions during the Fund's reporting period.

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.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,

R. Jay Gerken, CFA

Chairman, President and Chief Executive Officer

June 29, 2012

Investment commentary

Economic review

The U.S. economy continued to grow over the six months ended May 31, 2012, albeit at an uneven pace. Looking back, U.S. gross domestic product (GDP)ⁱ growth, as reported by the U.S. Department of Commerce, was 1.8% in the third quarter of 2011. The economy then gathered some momentum late in 2011, as the Commerce Department reported that fourth quarter GDP growth was 3.0% the fastest pace since the second quarter of 2010. However, economic growth in the U.S. then moderated somewhat, as the Commerce Department reported that first quarter 2012 GDP growth was 1.9%.

Two factors constraining economic growth were the weak job market and continued troubles in the housing market. While there was some improvement during the reporting period, unemployment remained elevated. When the reporting period began, unemployment, as reported by the U.S. Department of Labor, was 8.7%. Unemployment then generally declined over the next five months and was 8.1% in April 2012, the lowest rate since January 2009. However, the unemployment rate then moved up to 8.2% in May 2012. The housing market showed some positive signs, although it still appears to be searching for a bottom. According to the National Association of Realtors (NAR), existing-home sales fluctuated throughout the period. Existing-home sales fell 1.5% on a seasonally adjusted basis in May 2012 versus the previous month. However, the NAR reported that the median existing-home price for all housing types was \$182,600 in May 2012, up 7.9% from May 2011. In addition, the inventory of unsold homes fell 0.4% in May versus the previous month.

The manufacturing sector overcame a soft patch in the summer of 2011 and continued to expand during the reporting period. Based on the Institute for Supply Management's PMI (PMI)ⁱⁱ, in August 2011, it had a reading of 50.6, its lowest reading in two years (a reading below 50 indicates a contraction, whereas a reading above 50 indicates an expansion). The manufacturing sector gathered momentum and ended January 2012 at 54.1, its highest reading since June 2011. After falling to 52.4 in February, the PMI rose to 53.4 in March and 54.8 in April. The PMI then dipped to 53.5 in May 2012.

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Investment commentary (cont d)

Market review

Q. Did Treasury yields trend higher or lower during the six months ended May 31, 2012?

A. Both short- and long-term Treasury yields fluctuated during the reporting period. When the period began, two- and ten-year Treasury yields were 0.25% and 2.08%, respectively. With the economy initially gathering some momentum, Treasury yields moved higher during the first half of the period. Two-year Treasury yields rose as high as 0.41% on March 20, 2012 and ten-year Treasuries peaked at 2.39% around the same time. Yields then fell in late March, as well as in April and May given renewed fears over the European sovereign debt crisis. When the reporting period ended on May 31, 2012, two-year Treasury yields were 0.27% and ten-year Treasury yields were 1.59%, the latter being a historic low.

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%. In August 2011, the Fed declared its intention to keep the federal funds rate steady until mid-2013. Then, in September 2011, the Fed announced its intention to purchase \$400 billion of longer-term Treasury securities and to sell an equal amount of shorter-term Treasury securities by June 2012 (often referred to as Operation Twist). In January 2012, the Fed extended the period it expects to keep rates on hold, saying 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 at least through late 2014. In June, after the reporting period ended, the Fed announced that it would extend Operation Twist until the end of 2012 and that it was prepared to take further action as appropriate to promote a stronger economic recovery and sustained improvement in labor market conditions in a context of price stability.

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

A. The spread sectors experienced periods of volatility during the period. Risk appetite was often robust over the first three months of the period, due to some better-than-expected economic data and signs of progress in the European sovereign debt crisis. However, fears related to the situation in Europe caused a number of spread sectors to weaken in April. While the spread sectors posted positive absolute returns in April, they generally lagged equal-durationv Treasuries. Several of the riskiest spread sectors then performed poorly in May given a flight to quality that was triggered by escalating fears of contagion from Europe and some disappointing economic data in the U.S. For the six months ended May 31, 2012, the Barclays Capital U.S. Aggregate Indexvi returned 3.46%.

Q. How did the high-yield market perform over the six months ended May 31, 2012?

A. Despite a setback in May 2012, the U.S. high-yield bond market generated a strong return during the reporting period. The asset class, as measured by the Barclays Capital U.S. High Yield 2% Issuer Cap Index^{vii}, rallied during four of the first five months of the period. Risk appetite was often solid during

this period as investors looked to generate incremental yield in the low interest rate environment. However, the high-yield market faltered in May as risk aversion increased due to several macro issues that negatively impacted investor sentiment. All told, the high-yield market gained 7.81% for the six months ended May 31, 2012.

Q. How did the emerging market debt asset class perform over the reporting period?

A. After a strong start, the asset class gave back a portion of its gains late in the reporting period. During the first five months of the period, emerging market debt was supported by solid growth in developing countries and overall solid demand. However, a confluence of events, including the European sovereign debt crisis, moderating growth in the U.S. and fears that China's economy would experience a hard landing, caused the asset class to fall sharply in May 2012. Overall, the JPMorgan Emerging Markets Bond Index Global (EMBI Global)^{viii} returned 4.97% over the six months ended May 31, 2012.

Performance review

For the six months ended May 31, 2012, Western Asset Investment Grade Defined Opportunity Trust Inc. returned 7.95% based on its net asset value (NAV)^{ix} and 10.06% based on its New York Stock Exchange (NYSE) market price per share. The Fund's unmanaged benchmark, the Barclays Capital U.S. Credit Index^x, returned 6.13% for the same period. The Lipper Corporate Debt BBB-Rated Closed-End Funds Category Average^{xi} returned 7.23% over the same time frame. Please note that Lipper performance returns are based on each fund's NAV.

During this six-month period, the Fund made distributions to shareholders totaling \$0.77 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 May 31, 2012. **Past performance is no guarantee of future results.**

Performance Snapshot as of May 31, 2012 (unaudited)

Price Per Share	6-Month Total Return*
\$21.49 (NAV)	7.95%
\$22.87 (Market Price)	10.06%

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.

Total return assumes the reinvestment of all distributions, including returns of capital, if any, at NAV. Prior to January 1, 2012, total return assumed the reinvestment of all distributions in additional shares in accordance with the Fund's Dividend Reinvestment Plan.

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 **IGI** and its closing market price is available in most newspapers under the NYSE listings. The daily NAV is available on-line under the symbol **XIGIX** on most financial websites. *Barron's* and the *Wall Street Journal's* Monday edition both carry closed-end fund

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Investment commentary (continued)

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,

R. Jay Gerken, CFA

Chairman, President and Chief Executive Officer

June 29, 2012

RISKS: *The Fund's investments are subject to credit risk, inflation risk and interest rate risk. As interest rates rise, bond prices fall, reducing the value of the Fund's holdings. The Fund may invest in lower-rated high-yield bonds which are subject to greater credit risk (risk of default) than higher-rated obligations. 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. The Fund may invest in securities or engage in transactions that have the economic effects of leverage which can increase the risk and volatility of the Fund.*

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.

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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 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 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.
- viii 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.
- ix 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.
- x The Barclays Capital U.S. Credit Index is an index composed of corporate and non-corporate debt issues that are investment grade (rated Baa3/BBB or higher).
- xi Lipper, Inc., a wholly-owned subsidiary of Reuters, provides independent insight on global collective investments. Returns are based on the six-month period ended May 31, 2012, including the reinvestment of all distributions, including returns of capital, if any, calculated among the 27 funds in the Fund's Lipper category.

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, 2012 and November 30, 2011 and does not include derivatives, such as futures contracts, swap contracts and forward foreign currency 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 May 31, 2012

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.

BC U.S. Credit	Barclays Capital U.S. Credit Index
EM	Emerging Markets
HY	High Yield
IG Credit	Investment Grade Credit
IGI	Western Asset Investment Grade Defined Opportunity Trust Inc.

Effective duration (unaudited)**Interest Rate Exposure May 31, 2012**

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.

BC U.S. Credit	Barclays Capital U.S. Credit Index
EM	Emerging Markets
HY	High Yield
IG Credit	Investment Grade Credit
IGI	Western Asset Investment Grade Defined Opportunity Trust Inc.

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Schedule of investments (unaudited)

May 31, 2012

Western Asset Investment Grade Defined Opportunity Trust Inc.

Security	Rate	Maturity Date	Face Amount	Value
Corporate Bonds & Notes 92.6%				
Consumer Discretionary 9.0%				
<i>Automobiles 0.5%</i>				
Ford Motor Credit Co., LLC, Senior Notes	12.000%	5/15/15	\$1,000,000	\$ 1,270,000
Hotels, Restaurants & Leisure 0.9%				
Caesars Entertainment Operating Co. Inc., Senior Secured Notes	11.250%	6/1/17	1,250,000	1,334,375
NCL Corp. Ltd., Senior Secured Notes	11.750%	11/15/16	320,000	369,600
Wynn Las Vegas LLC/Wynn Las Vegas Capital Corp., Senior Secured Notes	5.375%	3/15/22	420,000	407,925 ^(a)
Total Hotels, Restaurants & Leisure				2,111,900
Household Durables 0.1%				
Whirlpool Corp., Senior Notes	4.700%	6/1/22	260,000	261,958
Media 6.3%				