Prudential Global Short Duration High Yield Fund, Inc. Form N-CSRS March 24, 2016

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:

811-22724

Exact name of registrant as specified in charter:

Address of principal executive offices:

Name and address of agent for service:

Prudential Global Short Duration High Yield Fund, Inc.

655 Broad Street, 17th Floor Newark, New Jersey 07102

Deborah A. Docs 655 Broad Street, 17th Floor Newark, New Jersey 07102

Registrant s telephone number, including area code:

Date of fiscal year end:

Date of reporting period:

973-367-7521

7/31/2016

1/31/2016

Item 1 Reports to Stockholders

PRUDENTIAL INVESTMENTS, A PGIM BUSINESS

CLOSED-END FUNDS

PRUDENTIAL GLOBAL SHORT DURATION HIGH YIELD FUND, INC.

SEMIANNUAL REPORT [·] JANUARY 31, 2016

Objective

High level of current income

The views expressed in this report and information about the Fund s portfolio holdings are for the period covered by this report and are subject to change thereafter.

The accompanying financial statements as of January 31, 2016, were not audited and, accordingly, no auditor s opinion is expressed on them.

Prudential Fixed Income is a unit of PGIM, Inc. (PGIM), a registered investment adviser. PGIM is a Prudential Financial company. [©] 2016 Prudential Financial, Inc. and its related entities. The Prudential logo and the Rock symbol are service marks of Prudential Financial, Inc. and its related entities, registered in many jurisdictions worldwide. March 16, 2016

Dear Shareholder:

We hope you find the semiannual report for Prudential Global Short Duration High Yield Fund, Inc. informative and useful. The report covers performance for the six-month period ended January 31, 2016.

Since market conditions change over time, we believe it is important to maintain a diversified portfolio of funds consistent with your tolerance for risk, time horizon, and financial goals.

Your financial advisor can help you create a diversified investment plan that may include funds covering all the basic asset classes and that reflects your personal investor profile and risk tolerance. Keep in mind, however, that diversification and asset allocation strategies do not assure a profit or protect against loss in declining markets.

Prudential Investments[®] is dedicated to helping you solve your toughest investment challenges whether it s capital growth, reliable income, or protection from market volatility and other risks. We offer the expertise of Prudential Financial s affiliated asset managers that strive to be leaders in a broad range of funds to help you stay on course to the future you envision. They also manage money for major corporations and pension funds around the world, which means you benefit from the same expertise, innovation, and attention to risk demanded by today s most sophisticated investors.

Thank you for choosing the Prudential Investments family of funds.

Sincerely,

Stuart S. Parker, President

Your Fund s Performance (Unaudited)

Performance data quoted represent past performance and assume the reinvestment of all dividends. Past performance does not guarantee future results. An investor may obtain more recent performance data by visiting our website at *www.prudentialfunds.com*.

Investment Objective

The Fund seeks to provide a high level of current income by investing primarily in higher-rated, below-investment-grade fixed income instruments of issuers located around the world, including emerging markets.* The Fund seeks to maintain a weighted average portfolio duration of three years or less and a weighted average maturity of five years or less.

*There can be no guarantee the Fund will achieve its objective. Higher-rated high yield bonds, commonly referred to as junk bonds, are below investment grade and are considered speculative. They are rated Ba, B by Moody s Investors Service, Inc. (Moody s); BB, B by Standard & Poor s Ratings Services (S&P) or Fitch Inc. (Fitch); or comparably rated by another nationally recognized statistical rating organization (NRSRO), or if unrated, are considered by PGIM to be of comparable quality.

Performance Snapshot as of 1/31/16

Price Per Share	Total Return For Six Months Ended 1/31/16
\$15.94 (NAV)	2.78%
\$13.99 (Market Price)	0.18%

Total returns are based on changes in net asset value (NAV) or market price, respectively. NAV total return assumes the reinvestment of all distributions, including returns of capital, if any, at NAV. Market Price 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.

Source: Prudential Investments LLC.

 Key Fund Statistics as of 1/31/16
 2.8 years
 Average Maturity
 3.5 years

 Duration
 2.8 years
 Average Maturity
 3.5 years

 Duration shown includes the impact of leverage. Duration measures investment risk that takes into account both a bond s interest payments and its value to maturity. Average Maturity is the average number of years to maturity of the Fund s bonds.
 3.5 years

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Credit Quality expressed as a percentage of total investments as of 1/31/16	
A	0.2%
BBB	5.2
BB	47.3
B	40.9
CCC	4.7
C	0.1
Not Rated	0.5
Cash/Cash Equivalents	1.1
Total Investments	100.0%

Source: PGIM, Inc.

Credit ratings reflect the highest rating assigned by a nationally recognized statistical rating organization (NRSRO) such as Moody s Investor Service, Inc. (Moody s), Standard & Poor s (S&P) or Fitch, Inc. (Fitch). Credit ratings reflect the common nomenclature used by both S&P and Fitch. Where applicable, ratings are converted to the comparable S&P/Fitch rating tier nomenclature. These rating agencies are independent, and are widely used. The Not Rated category consists of securities that have not been rated by an NRSRO. Credit ratings are subject to change. Values may not sum to 100.0% due to rounding.

Yield and Dividends as of 1/31/16		
Total Monthly Dividends	Current Monthly Dividend	Yield at Market Price
Paid per Share for Period	Paid per Share	as of 1/31/16
\$0.675	\$0.110	9.44%
Viald at Market Price is the annualized rate determined by dividing cu	reant monthly dividend naid per share by the market r	rice per share as of January 31 2016

Yield at Market Price is the annualized rate determined by dividing current monthly dividend paid per share by the market price per share as of January 31, 2016.

Strategy and Performance Overview

How did the Fund perform?

For the six-month reporting period that ended January 31, 2016, the **Prudential Global Short Duration High Yield Fund, Inc.** returned 0.18% based on market price and 2.78% based on net asset value (NAV). For the same period, the Barclays Global High Yield Ba/B 1 5 Year 1% Issuer Constrained (USD Hedged) Index (the Index) returned 3.54%, and the Lipper Closed End High Yield Leveraged Funds Average returned 10.45%. All Fund returns reflect reinvestment of dividends.

What were conditions like in the short-term global high yield bond market?

Global high yield bonds generated a negative return during the six-month period, with the energy sector being a familiar underperformer as crude oil prices fell to seven-year lows during the reporting period. Yet, with the exception of commodity-related industries, fundamentals in the other sectors remained relatively steady. Credit metrics (excluding commodities), which measure the health of a corporate borrower, including leverage and coverage statistics, have deteriorated slightly but remain stable overall.

Excluding commodity-related credits, the US default rate is low and is expected to remain low over the near term. Most defaults are expected in the energy and metals and mining sectors.

The short duration, higher-quality sub-style of global high yield bonds, as measured by the Index returned 3.54%, performing significantly better than global broad high yield market, which returned 5.01%. Among the best sector performers were emerging markets sovereign debt, building materials and home construction, and health care and pharmaceuticals. The energy sector was by far the worst performer during the six-month period. The metals and mining and transportation and environmental services sectors were also negative during the period.

Across the regional components of the broad global high yield universe, the US high yield corporate component, which has the largest exposure to energy, was down the most with a return of 7.8%. The European high yield corporate component also struggled during the period, returning 2.0%. The emerging markets component was down the least, posting a return of 0.5%. All returns are in US dollars.

What strategies proved most beneficial to the Fund s performance?

The Fund benefited from strong sector and security selection during the reporting period.

The Fund s underweight in the energy sector, which continued its sell-off during the period, was the largest positive contributor to performance.

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Overweight positions in the gaming/lodging/leisure, technology and cable and satellite sectors also added to returns.

Solid security selection in the transportation and environmental services, technology, telecommunications and consumer non-cyclical sectors enhanced results.

The Fund benefited from its underweight in upstream (exploration and production) energy companies, including Linn Energy and Chesapeake Energy. Avoiding Abengoa SA (industrial), Novo Banco (banking), and Portugal Telecom International (telecommunications) were also positive for the Fund.

What strategies detracted most from the Fund s performance?

Underweight positions in emerging markets sovereign debt, banking, and finance and insurance hurt performance, as these sectors performed well during the period.

The Fund was hampered by security selection within the metals and mining, industrial, and building materials and home construction sectors.

Overweights in **Pacific Exploration and Production** (upstream energy), **Berau Coal** (metals and mining), **Laureate Education** (educational services), and **Murray Energy Holdings** (metals and mining) were all negative.

How did the Fund s borrowing (leverage) strategy affect its performance?

The Fund s use of leverage detracted from results as the cost of borrowing exceeded the returns of the securities purchased.

As of January 31, 2016, the Fund had borrowed \$270 million and was about 29.3% leveraged. During the reporting period, the average amount of leverage utilized by the Fund was about 28.5%.

Did the Fund have exposure to derivatives?

Derivatives in the form of forward currency exchange contracts were used to hedge against the Fund s positions not denominated in U.S. dollars. Changes in the value of non-dollar bonds due to currency fluctuations were offset by the derivative positions, so the use of foreign currency exchange contracts had a minimal effect on performance on a net basis.

Strategy and Performance Overview (continued)

Benchmark Definitions

Barclays Global High Yield Ba/B 1 5 Year 1% Issuer Constrained Index

The Barclays Global High Yield Ba/B 1 5 Year 1% Issuer Constrained Index is an unmanaged index which represents the performance of short duration higher-rated high yield bonds in the United States, developed markets, and emerging markets.

Source: Barclays.

Lipper Closed End High Yield Leveraged Funds Average

The Lipper High Yield Funds (Leveraged) Average (Lipper Average) represents returns based on an average return of 35 funds in the Lipper Closed-End High Yield Funds (Leveraged) category.

Investors cannot invest directly in an index or average.

Looking for additional information?

The Fund is traded under the symbol GHY, and its closing market price is available online on most financial websites and may be available in most newspapers under the New York Stock Exchange (NYSE) listings. The daily NAV is available online under the symbol XGHYX 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 press releases that can be found on most major financial websites as well as on www.prudentialfunds.com.

In a continuing effort to provide information concerning the Fund, shareholders may go to www.prudentialfunds.com or call 1 (800) 451-6788 (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.

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Portfolio of Investments

as of January 31, 2016 (Unaudited)

Description LONG-TERM INVESTMENTS 138.9%	Interest Rate	Maturity Date	Principal Amount (000)#	Value (Note 1)
BANK LOANS(a) 8.6%				
Building Materials & Construction0.5%Materis CHRYSO SA (France)	4.750%	08/13/21	EUR 3,000	\$ 3,184,886
Cable & Satellite 0.2% CSC Holdings LLC	3.107	04/17/20	1,496	1,490,553
Capital Goods 0.1% Neff Rental LLC	7.250	06/09/21	1,054	827,233
Chemicals 0.8% Axalta Coating Systems (US Holdings), Inc. MacDermid, Inc.	3.750 5.500	02/01/20 06/07/20	895 4,464	885,327 4,142,946
				5,028,273
Educational Services 0.3% Laureate Education, Inc.	5.000	06/16/18	2,424	1,896,976
Foods 1.2% Agrokor DD Spv2 (Croatia), PIK Albertson s LLC Jacobs Douwe Egberts (Netherlands)	9.500 5.500 4.250	06/04/18 03/21/19 07/02/22	EUR 4,700 1,350 EUR 1,447	4,908,191 1,334,012 1,562,920
				7,805,123
Gaming 0.9% Gala Group Finance PLC (United Kingdom)	5.510	05/25/18	GBP 4,000	5,681,106
Industrial 0.5% Verisure Holding AB (Sweden)	5.250	10/21/22	EUR 3,000	3,245,821
Media & Entertainment1.0%Infinitas Learning BV (Netherlands)	4.341	01/31/23	EUR 6,000	6,304,774
Metals 0.2% Murray Energy Corp.	7.500	04/16/20	2,930	1,365,141
Non-Captive Finance 0.2% Scout24 AG (Germany)	4.250	02/12/21	EUR 909	979,049
Other Industry0.7%Webhelp (France)	4.345	01/31/23	EUR 4,000	4,268,180

See Notes to Financial Statements.

Portfolio of Investments

as of January 31, 2016 (Unaudited) continued

	Interest	Maturity	Principal	
Description	Rate	Date	Amount (000)#	Value (Note 1)
BANK LOANS(a) (Continued)				
Packaging 0.8%				
Jost World GMBH	5.000%	12/21/22	EUR 5,000	\$ 5,294,602
Retail 0.5%				
Euro Garages (United Kingdom)(b)	6.430	01/31/23	GBP 2,500	3,522,193
	0.150	01/01/20	001 2,000	5,522,195
Technology 0.3%				
BMC Software Finance, Inc.	5.000	09/10/20	2,728	2,171,962
Telecommunications 0.4%				
Communications Sales & Leasing, Inc.	5.000	10/24/22	3,085	2,889,149
TOTAL BANK LOANS				
(cost \$62,799,205)				55,955,021
CORDOR LET RONDO ALAS				
CORPORATE BONDS 84.2%				
Airlines 1.6%				
Continental Airlines, Inc., Pass-Through Trust, Series 2012-3,				
Class C, Pass-Through Certificates(c)	6.125	04/29/18	10,280	10,742,600
Auto Parts & Equipment 0.7%				
American Axle & Manufacturing, Inc.,				
Gtd. Notes	5.125	02/15/19	1,000	983,750
Gtd. Notes(c)	7.750	11/15/19	3,422	3,635,875
				4,619,625
Building Materials 2.7%				
Unifrax I LLC/Unifrax Holding Co., Gtd. Notes, 144A				
(original cost \$6,120,000; purchased 07/28/14)(c)(d)(e)	7.500	02/15/19	6.000	4,800,000
US Concrete, Inc., Sr. Sec d. Notes(c)	8.500	12/01/18	8,200	8,487,000
USG Corp., Sr. Unsec d. Notes(c)	9.750	01/15/18	3,750	4,125,000
-				
				17,412,000
				,,,
Chemicals 2.7%				
Axalta Coating Systems US Holdings Inc./Axalta Coating	7.375			
Systems Dutch Holding B BV, Gtd. Notes, 144A(c)	1.575			