

DoubleLine Income Fund Webcast

December 13, 2022

Live Webcast Hosted By:

Ken Shinoda, CFA Portfolio Manager

Morris Chen Portfolio Manager



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Webcast Announcements

Upcoming Webcasts:

January 10, 2023 – Just Markets Webcast 1:15 pm PT/4:15 pm ET

DoubleLine CEO Jeffrey Gundlach will discuss the outlook for the markets.

February 7, 2023 – Diversified Fixed Income Webcast 1:15 pm PT/4:15 pm ET

DoubleLine portfolio managers will discuss the DoubleLine Flexible Income, Core Fixed Income and Low Duration Bond Funds as well as the DoubleLine Opportunistic Bond Exchange-Traded Fund.

DoubleLine's 2023 webcast schedule is available on our website.

Visit <u>doubleline.com/doubleline-webcasts/</u> to register for upcoming webcasts.

To Receive a Copy of Today's Presentation Slides:

In the webcast player, click on the "Request Webcast Content" tab



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DoubleLine Media Thought Leadership





DoubleLine's Round Table Prime

Featuring today's Financial Thought Leaders: Jim Bianco, Danielle DiMartino Booth, Jeffrey Gundlach, Charles Payne and David Rosenberg. Moderated by DoubleLine's Deputy CIO, Jeffrey Sherman.

Live on Twitter Spaces, January 4, 2023 followed by videos on DoubleLine.com



DoubleLine's Channel 11

Hosted by Portfolio Manager Ken Shinoda and available on 🌱 Twitter: DLineChannel11 Email: channel11@doubleline.com



The Sherman Show Podcast

Hosted by Deputy CIO Jeffrey Sherman and Portfolio Manager Sam Lau Available on www.doubleline.com, iTunes, Sound Cloud, Google Podcasts, Spotify and Stitcher. Visit them on Stitter: @ShermanShowPod



Monday Morning Minutes Podcast

Hosted by Portfolio Managers Sam Lau and Jeff Mayberry Featuring timely and relevant weekly Macro and Markets recaps. Posts weekly to www.doubleline.com, iTunes, Sound Cloud, Google Podcasts, Spotify and Stitcher. Visit them on 🈏 Twitter: @DLineMinutes

Fund Offerings

DoubleLine Income Fund

Retail and Institutional Class		
No Load Mutual Fund		
	Retail	Institutional
	N-share	I-share
Ticker	DBLNX	DBLIX
Min Investment	\$2,000	\$100,000
Min IRA Investment	\$500	\$5,000
Gross Expense Ratio	1.03%	0.72%
Net Expense Ratio ¹	0.90%	0.65%

The Funds' investment objectives, risks, charges and expenses must be considered carefully before investing. The statutory prospectus and summary prospectus (if available) contains this and other important information about the Funds, and it may be obtained by calling (877) 354-6311/ (877) DLINE11, or visiting www.doubleline.com. Read it carefully before investing.

¹The Adviser has contractually agreed to waive fees and reimburse expenses through July 31, 2023.

Diversification does not assure a profit, nor does it protect against a loss in a declining market.

Opinions expressed are subject to change at any time, are not forecasts and should not be considered investment advice.

DoubleLine Funds are distributed by Quasar Distributors, LLC.

While the Funds are no-load, management fees and other expenses still apply. Please refer to the prospectus for further details.

Fund holdings and sector allocations are subject to change and are not recommendations to buy or sell any security.

Mutual fund investing involves risk; Principal loss is possible. Investments in debt securities typically decrease in value when interest rates rise. This risk is usually greater for longer-term debt securities. Investments in lower-rated and non-rated securities present a greater risk of loss to principal and interest than higher-rated securities. Investments in ABS and MBS include additional risks that investors should be aware of such as credit risk, prepayment risk, possible illiquidity and default, as well as increased susceptibility to adverse economic developments. The Fund may use leverage which may cause the effect of an increase or decrease in the value of the portfolio securities to be magnified and the Fund to be more volatile than if leverage was not used. Derivatives involve special risks including correlation, counterparty, liquidity, operational, accounting and tax risks. These risks, in certain cases, may be greater than the risks presented by more traditional investments. Diversification does not assure a profit, nor does it protect against a loss in a declining market.

DoubleLine Income Fund Performance

DoubleLine Income Fund (%)							
					Annualized	Gross	Net
Month-End Returns			Year-to-		Since Inception	Expense	Expense
November 30, 2022	1 Month	3 Months	Date	1 Year	(9-3-19 to 11-30-22)	Ratio	Ratio ¹
I-share (DBLIX)	0.98	-5.47	-13.16	-13.17	-4.02	0.72	0.65
N-share (DBLNX)	0.95	-5.55	-13.37	-13.48	-4.22	1.03	0.90
Bloomberg US Agg Index	3.68	-2.09	-12.62	-12.84	-2.54		
					Annualized		
Quarter-End Returns			Year-to-		Since Inception		
September 30, 2022	1 Month	3Q2022	Date	1 Year	(9-3-19 to 9-30-22)		
I-share (DBLIX)	-4.20	-4.30	-11.99	-12.32	-3.83		
N-share (DBLNX)	-4.24	-4.38	-12.17	-12.64	-4.06		
Bloomberg US Agg Index	-4.32	-4.75	-14.61	-14.60	-3.26		

SEC 30-Day Yield	I-Share	N-Share
Gross	8.76%	8.51%
Net	9.01%	8.76%

Performance data quoted represents past performance; past performance does not guarantee future results. The investment return and principal value of an investment will fluctuate so that an investor's shares, when redeemed, may be worth more or less than the original cost. Current performance of the fund may be lower or higher than the performance quoted. Performance data current to the most recent month-end may be obtained by calling 213-633-8200 or by visiting www.doubleline.com.

¹The Adviser has contractually agreed to waive fees and reimburse expenses through July 31, 2022.

Benchmark: Bloomberg U.S. Aggregate Index. This index represents securities that are SEC-registered, taxable, and dollar denominated. The index covers the US investment grade fixed rate bond market, with index components for government and corporate securities, mortgage pass-through securities, and asset-backed securities. These major sectors are subdivided into more specific indices that are calculated and reported on a regular basis. It is not possible to invest directly in an index.

Investment Objective

The Fund's objective is to seek to maximize total return.

Investment Approach

The Fund invests mainly in mortgage-backed securities actively allocating between agency and non-agency securities in an attempt to provide high income while maintaining a neutral duration scenario to diversify risks within the portfolio.

DoubleLine Total Return Bond Fund	(%)									
							Annı	alized		
Month-End Returns				Year-to-					Since Inception	Gross
November 30, 2022		1 Month	3 Months	Date	1 Year	3 Years	5 Years	10 Years	(4-6-10 to 11-30-22)	Expense Ratio
I-share (DBLTX)		2.77	-3.35	-12.06	-12.41	-2.90	-0.18	1.38	3.76	0.48
N-share (DLTNX)		2.63	-3.42	-12.36	-12.64	-3.18	-0.43	1.13	3.50	0.73
Bloomberg US Agg Index		3.68	-2.09	-12.62	-12.84	-2.59	0.21	1.09	2.22	
							Annı	alized		
Quarter-End Returns				Year-to-					Since Inception	
September 30, 2022		1 Month	3Q2022	Date	1 Year	3 Years	5 Years	10 years	(4-6-10 to 9-30-22)	
I-share (DBLTX)		-3.79	-4.22	-12.46	-12.61	-3.03	-0.28	1.39	3.77	
N-share (DLTNX)		-3.71	-4.28	-12.62	-12.75	-3.27	-0.51	1.15	3.52	
Bloomberg US Agg Index		-4.32	-4.75	-14.61	-14.60	-3.26	-0.27	0.89	2.06	
SEC 30-Day Yield	-Share	N-Share								
Gross	5.11%	4.87%	•							

Net 5.11% 4.87%

Performance data quoted represents past performance; past performance does not guarantee future results. The investment return and principal value of an investment will fluctuate so that an investor's shares, when redeemed, may be worth more or less than the original cost. Current performance of the fund may be lower or higher than the performance quoted. Performance data current to the most recent month-end may be obtained by calling 213-633-8200 or by visiting www.doubleline.com. The Funds' investment objectives, risks, charges and expenses must be considered carefully before investing. The statutory prospectus and summary prospectus (if available) contains this and other important information about the Funds, and it may be obtained by calling (877) 354-6311/ (877) DLINE11, or visiting www.doubleline.com. Read it carefully before investing.

Mutual fund investing involves risk; Principal loss is possible. Investments in debt securities typically decrease in value when interest rates rise. This risk is usually greater for longer-term debt securities. Investments in Asset-Backed and Mortgage-Backed Securities include additional risks that investors should be aware of such as credit risk, prepayment risk, possible illiquidity and default, as well as increased susceptibility to adverse economic developments. Investments in lower-rated and non-rated securities present a greater risk of loss to principal and interest than higher-rated securities. The Fund may use certain types of investment derivatives. Derivatives involve risks different from, and in certain cases, greater than the risks presented by higher-rate securities. The DoubleLine Total Return Bond Fund intends to invest more than 50% of its net assets in mortgage-backed securities of any maturity or type. The Fund therefore, potentially is more likely to react to any volatility or changes in the mortgage-backed securities marketplace. While the Funds are no-load, management fees and other expenses still apply. Please refer to the prospectus for further details.



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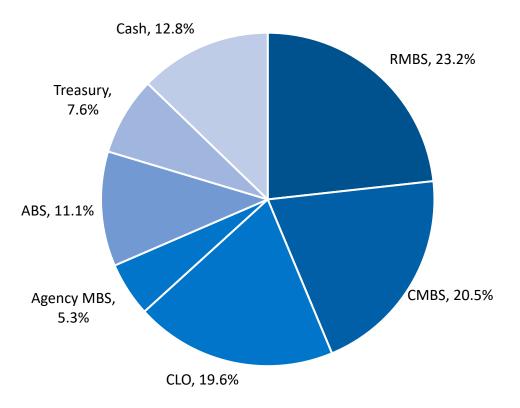
Why DoubleLine Income Fund?

Diversified source of income from a portfolio of securitized assets vs. corporate credit alternatives.

Lower interest rate risk for investors seeking potential protection from rising rates.

Complementary to a traditional core fixed income fund by providing diversification and higher potential for return.

	DoubleLine Income Fund	Bloomberg U.S. Aggregate Bond Index
Market Price	\$94.06	\$89.46
SEC 30-Day Yield (Gross)	8.76%	4.56%*
SEC 30-Day Yield (Net)	9.01%	-
Duration	1.45	6.22
Weighted Average Life	4.91	8.46
% Floating Rate	38.1%	0.0%



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DoubleLine Income vs. DoubleLine Total Return

As of November 30, 2022

DoubleLine

The Income strategy utilizes the same investment process, deep team, and focuses on the same bond sectors as our Total Return strategy. The difference is that while Total Return typically has over 50% of the portfolio in Agency MBS and US Treasuries, the Income Fund has a larger exposure to securitized credit assets in an attempt to generate higher income.

Benefits of the Income Strategy may include:

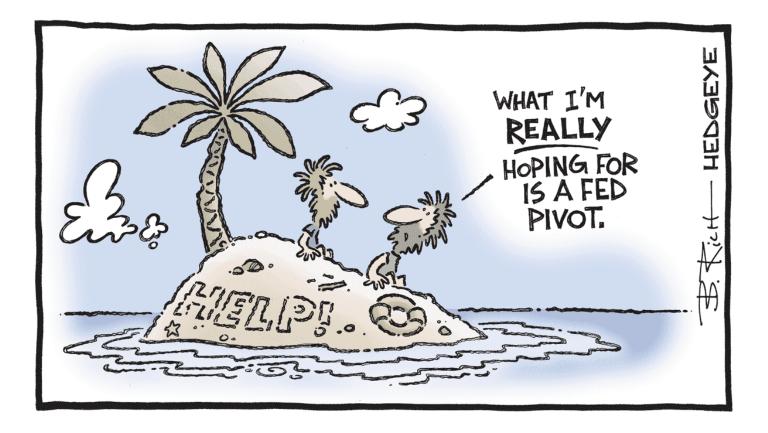
- Higher SEC Yield
- Lower interest rate risk
- Higher credit exposure
- Greater diversification to core bond allocations

	DoubleLine Income Fund	DoubleLine Total Return Bond Fund
Market Price	\$94.06	\$88.54
SEC 30-Day Yield (Gross)	8.76%	5.11%
SEC 30-Day Yield (Net)	9.01%	5.11%
Duration	1.45	5.96
Weighted Avg Life	4.91	7.63
% Investment Grade Rated	47.7%	75.3%
Government Related Exposure	13.9%	53.0%
Agency MBS	6.3%	43.6%
US Treasuries	7.6%	9.5%
Credit Exposure	73.3%	45.2%
RMBS	23.2%	27.3%
CMBS	19.4%	9.3%
CLOs	19.6%	3.9%
ABS	11.1%	4.7%
Cash	12.8%	1.7%

Source: DoubleLine

RMBS: Residential Mortgage-Backed Securities; CMBS: Commercial Mortgage-Backed Securities; ABS: Asset-Backed Securities; CLO: Collateralized Loan Obligation

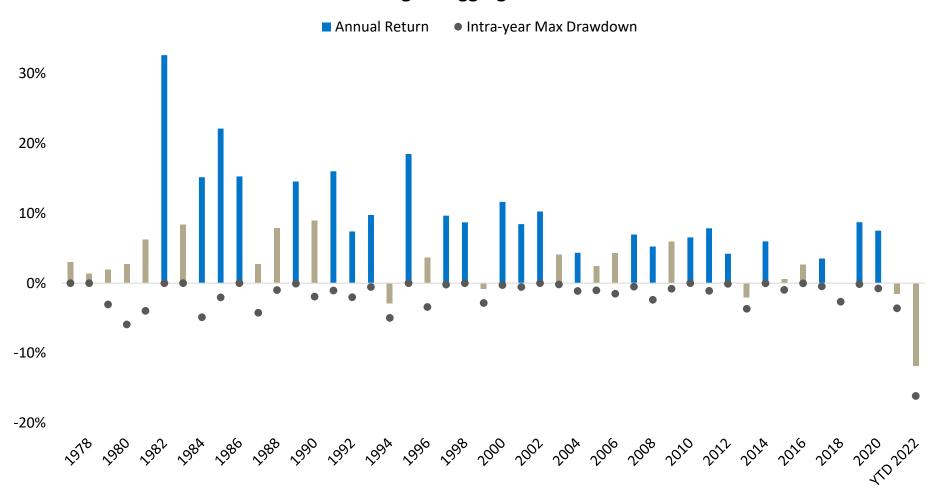
As of November 30, 2022; Please see pages 4 and 5 of this presentation for more information on the DoubleLine Income Fund and DoubleLine Total Return Bond Fund.



Bloomberg US Aggregate Bond Index Returns and Drawdowns

As of December 9, 2022

• The US Agg Index is on pace for its worst year ever and its first consecutive negative years on record.



Bloomberg US Aggregate Bond Index

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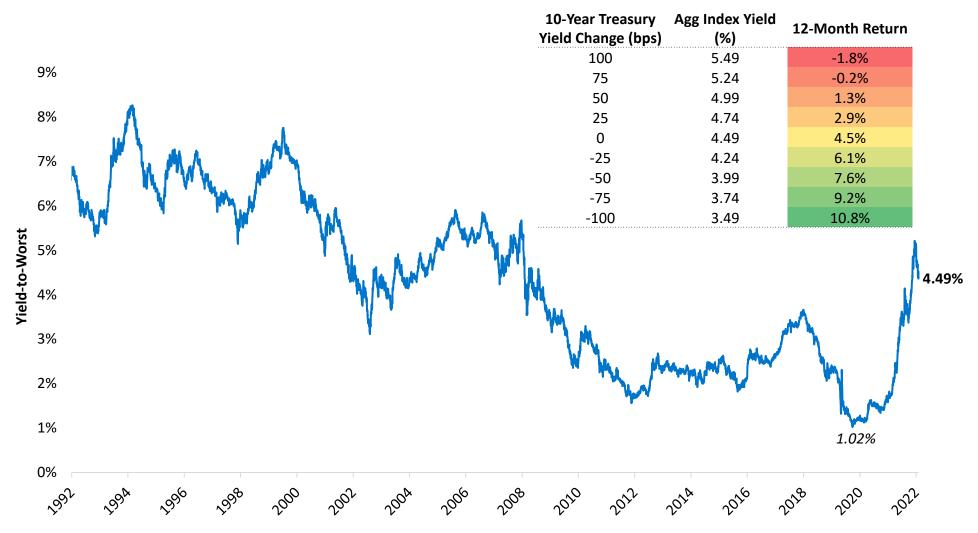
Source: DoubleLine, Bloomberg

Tan bars represents years when the 10-year U.S. Treasury yield increased year-over-year You cannot invest directly in an index

Bloomberg US Aggregate Bond Index Yield

As of December 9, 2022

• The repricing higher of yields can act as a cushion should Treasury rates continue to move higher.



Source: DoubleLine, Bloomberg

The scenario analysis showing yield changes applied to the Bloomberg US Aggregate Bond Index (embedded in the chart), attempts to simulate possible performance outcomes using data. The methodology can include among other things, use of historical data, various factor or market change assumptions, and subjective judgments. For illustrative purposes only. Investment analyses applied by DoubleLine may not produce the desired results.

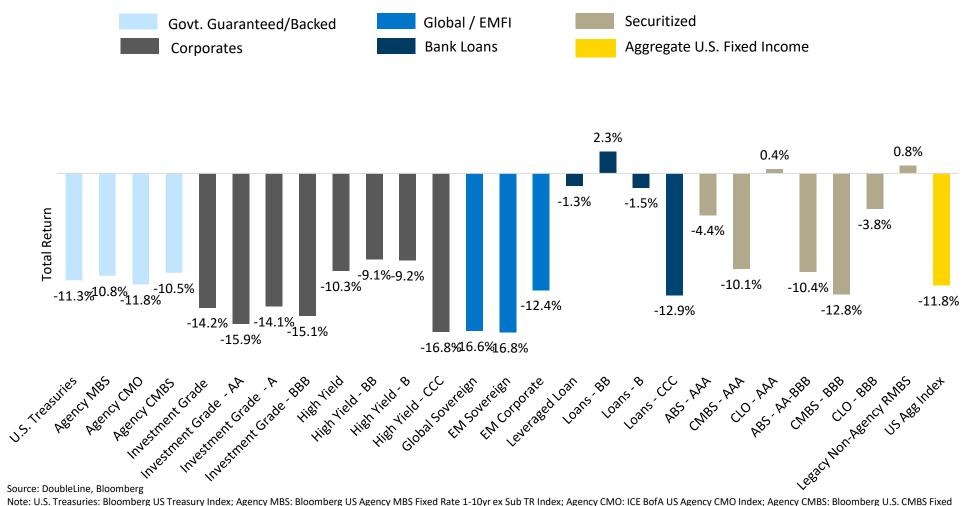
You cannot invest directly in an index

Fixed Income Performance Year-to-Date

As of December 9, 2022

DoubleLine®

• Outside of certain floating-rate sectors such as bank loans and CLOs, many pockets of fixed income have experienced significant drawdowns this year.



Note: U.S. Treasuries: Bloomberg US Treasury Index; Agency MBS: Bloomberg US Agency MBS Fixed Rate 1-10yr ex Sub TR Index; Agency CMO: ICE BofA US Agency CMO Index; Agency CMBS: Bloomberg U.S. CMBS Fixed Rate; IG: Credit Suisse Liquid U.S. Corporate Index; High Yield: Credit Suisse U.S. Liquid High Yield Index; EMBI: JP Morgan EMBI Global Total Return Index; EM Corp Bond: Credit Suisse Emerging Market Corp Bond Total Return; Leveraged Loans: Credit Suisse Liquid Leveraged Loan Index; ABS – AAA: Bloomberg US Agg ABS Index; CMBS: Bloomberg US Non-Agency Investment Grade CMBS Index; CLO 2.0: JP Morgan CLO Total Return Index; ABS – AA-BBB; ICE BofA AA-BBB US Fixed Rate Miscellaneous ABS Index; Citi Non-Agency Legacy RMBS Index; US Agg Index: Bloomberg US Aggregate Bond Index.

U.S. Treasury Yields

As of December 9, 2022

2-Year Treasury Yield **5-Year Treasury Yield** 6% 6% 5% 5% 4% 4% 3% 3% 2% 2% 1% 1% 0% 0% 2027 2019 2019 2001 2009 2013 2015 2022 2009 2013 2015 2027 2022 2011 2011 2001 **10-Year Treasury Yield 30-Year Treasury Yield** 6% 6% 5% 5% 4% 4% 3% 3% 2% 2% 1% 1% 0% 0% 2013 2015 2017 2019 2001 2009 2013 2015 2027 2019 2022 2009 2011 2022 2011 2007

• Treasury yields across tenors are at their highest levels in over a decade.

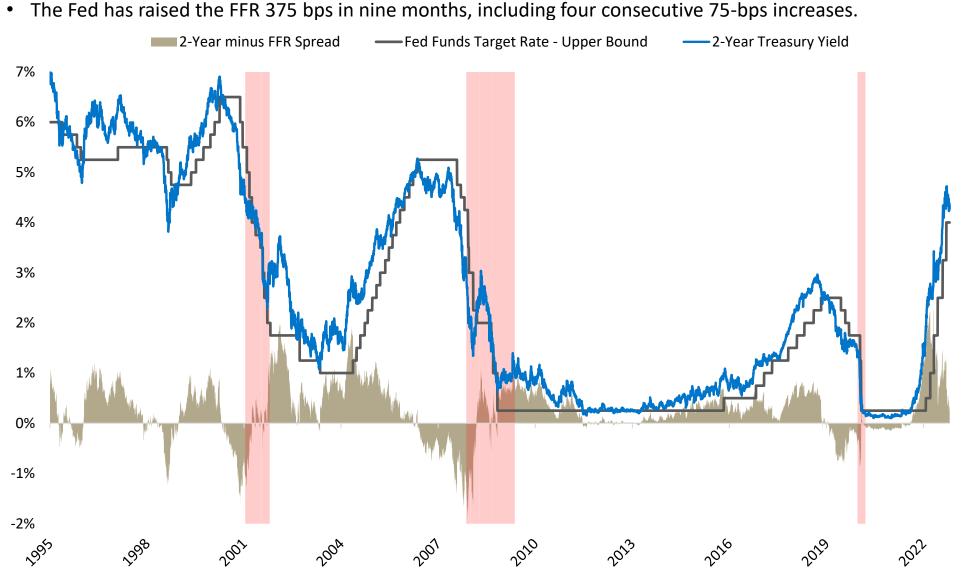
Source: DoubleLine, Bloomberg You cannot invest directly in an index.



Federal Funds Rate (FFR) vs. 2-Year Treasury Yield

As of December 9, 2022

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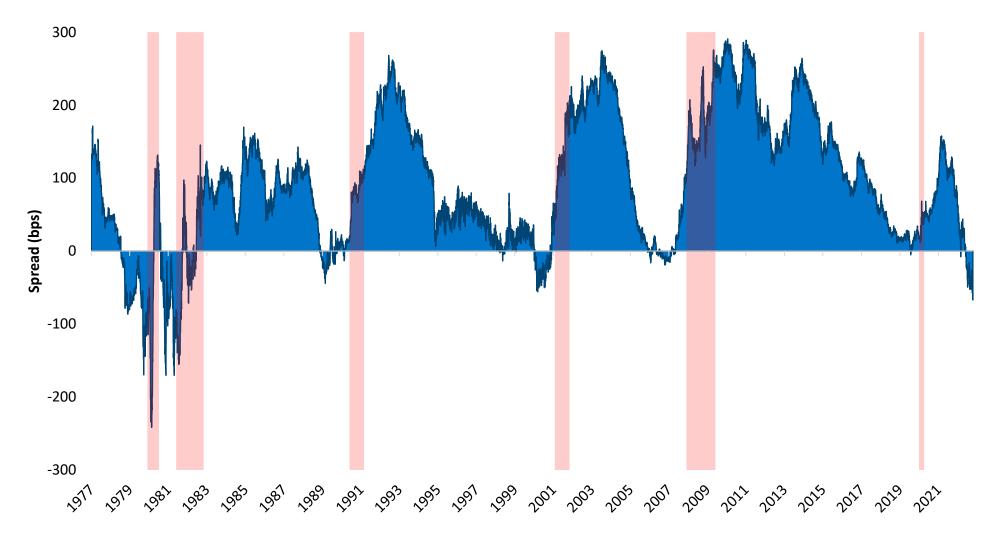
Source: DoubleLine, Bloomberg. Red shading indicates recessionary periods. You cannot invest directly in an index

10-Year Treasury Yield Minus 2-Year Treasury Yield Spread

As of December 9, 2022



• At roughly negative 77 basis points, the 2s10s yield curve is at its deepest inversion since 1982.

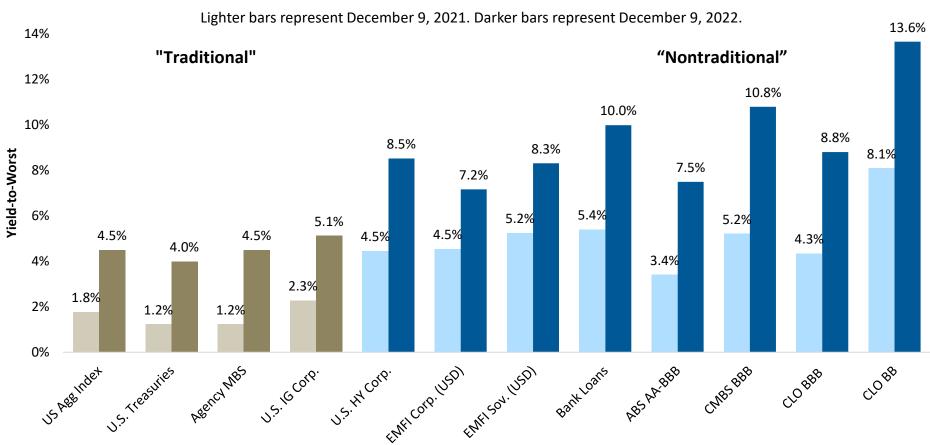


Source: DoubleLine, Bloomberg. Red shading indicates recessionary periods. You cannot invest directly in an index

Assessing the Yield Landscape

As of December 9, 2022

• Yields have risen considerably over the past 12 months across fixed income markets with both Treasury yields rising and credit spreads widening.



Fixed Income Index Yields

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Source: DoubleLine, Bloomberg

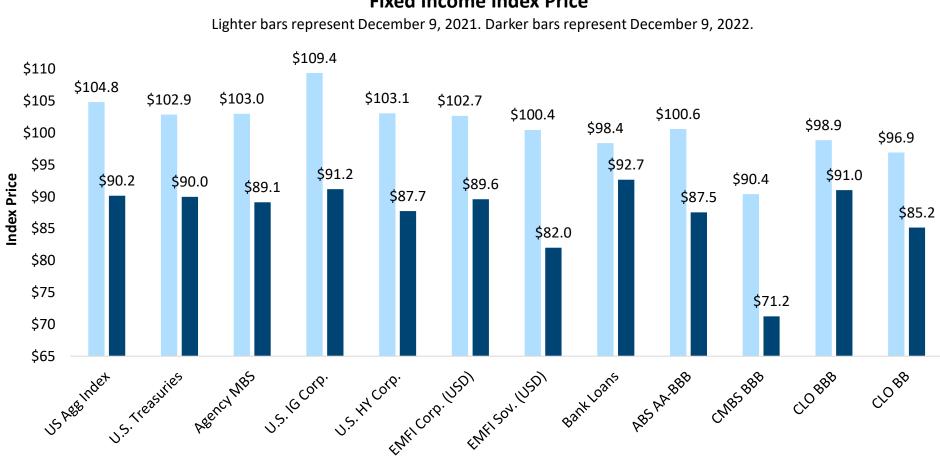
Note: U.S. Treasuries: Bloomberg US Treasury Index; Agency MBS: Bloomberg US Agency MBS Fixed Rate 1-10yr ex Sub TR Index; Agency CMO: ICE BofA US Agency CMO Index; Agency CMBS: Bloomberg U.S. CMBS Fixed Rate; IG: Credit Suisse Liquid U.S. Corporate Index; High Yield: Credit Suisse U.S. Liquid High Yield Index; EMBI: JP Morgan EMBI Global Total Return Index; EM Corp Bond: Credit Suisse Emerging Market Corp Bond Total Return; Leveraged Loans: Credit Suisse Liquid Leveraged Loan Index; ABS – AAA: Bloomberg US Agg ABS Index; CMBS: Bloomberg US Non-Agency Investment Grade CMBS Index; CLO 2.0: JP Morgan CLO Total Return Index; ABS – AA-BBB; ICE BofA AA-BBB US Fixed Rate Miscellaneous ABS Index; Citi Non-Agency Legacy RMBS Index; US Agg Index: Bloomberg US Aggregate Bond Index. You cannot invest directly in an index.

Potential for Strong Total Return

As of December 9, 2022



• Many parts of fixed income are trading at discounted dollar prices, with the potential for price appreciation.



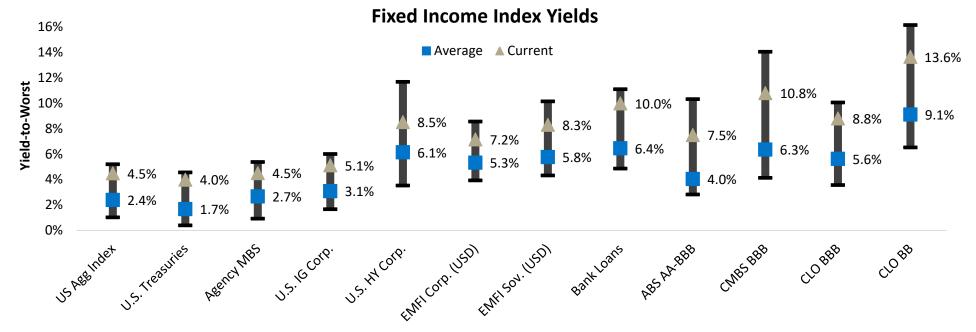
Fixed Income Index Price

Source: DoubleLine, Bloomberg

Note: U.S. Treasuries: Bloomberg US Treasury Index; Agency MBS: Bloomberg US Agency MBS Fixed Rate 1-10yr ex Sub TR Index; Agency CMO: ICE BofA US Agency CMO Index; Agency CMBS: Bloomberg U.S. CMBS Fixed Rate; IG: Credit Suisse Liquid U.S. Corporate Index; High Yield: Credit Suisse U.S. Liquid High Yield Index; EMBI: JP Morgan EMBI Global Total Return Index; EM Corp Bond: Credit Suisse Emerging Market Corp Bond Total Return; Leveraged Loans: Credit Suisse Liquid Leveraged Loan Index; ABS – AAA: Bloomberg US Agg ABS Index; CMBS: Bloomberg US Non-Agency Investment Grade CMBS Index; CLO 2.0: JP Morgan CLO Total Return Index; ABS – AA-BBB: ICE BofA AA-BBB US Fixed Rate Miscellaneous ABS Index: Citi Non-Agency Legacy RMBS Index: US Agg Index: Bloomberg US Aggregate Bond Index. You cannot invest directly in an index.

Fixed Income Index Yields and Spreads: 10-Year History

As of December 9, 2022



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• Yields across fixed income are near their 10-year highs.

Fixed Income Index Spreads

• Structured Products spreads are cheap relative to similarly rated corporate bonds.

	US Agg	Agency	U.S.	U.S.	EMFI Corp.	EMFI Sov.	Bank	ABS	CMBS	CLO	CLO
	Index	MBS	IG Corp.	HY Corp.	(USD)	(USD)	Loans	AA-BBB	BBB	BBB	BB
Current	52	149	121	439	338	379	611	363	662	503	974
Average	47	100	118	429	317	364	496	242	396	389	725
Percentile Rank	72	98	58	61	69	65	95	93	92	87	92

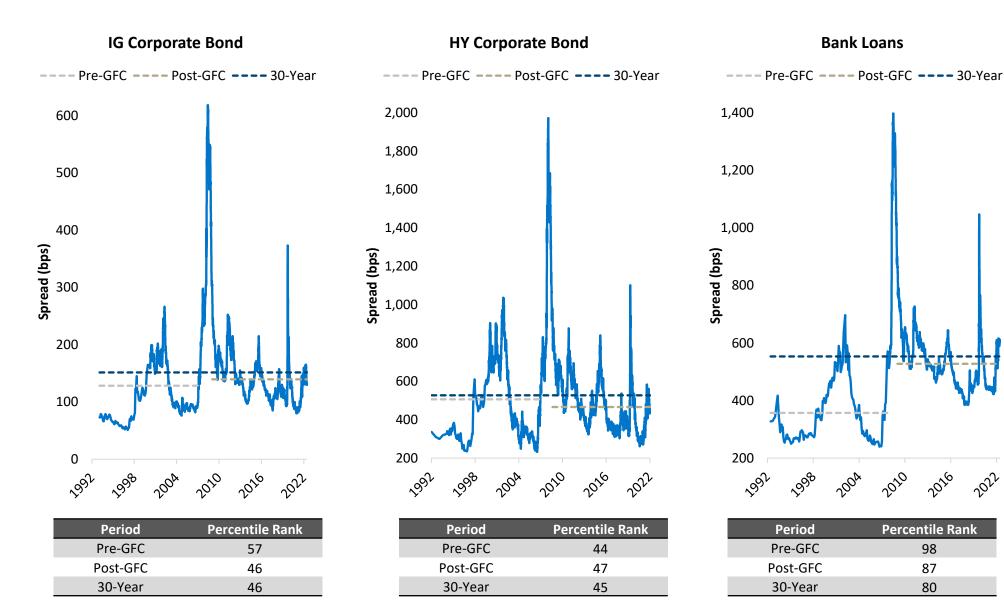
Source: DoubleLine, Bloomberg. Black bars represent the 10-year range. Bold numbers in spread table represent top decile.

Note: U.S. Treasuries: Bloomberg US Treasury Index; Agency MBS: Bloomberg US Agency MBS Fixed Rate 1-10yr ex Sub TR Index; Agency CMO: ICE BofA US Agency CMO Index; Agency CMBS: Bloomberg U.S. CMBS Fixed Rate; IG: Credit Suisse Liquid U.S. Corporate Index; High Yield: Credit Suisse U.S. Liquid High Yield Index; EMBI: JP Morgan EMBI Global Total Return Index; EM Corp Bond: Credit Suisse Emerging Market Corp Bond Total Return; Leveraged Loans: Credit Suisse Liquid Leveraged Loan Index; ABS – AAA: Bloomberg US Agg ABS Index; CMBS: Bloomberg US Non-Agency Investment Grade CMBS Index; CLO 2.0: JP Morgan CLO Total Return Index; ABS – AA-BBB; ICE BofA AA-BBB US Fixed Rate Miscellaneous ABS Index; Citi Non-Agency Legacy RMBS Index; US Agg Index: Bloomberg US Aggregate Bond Index. You cannot invest directly in an index.

Corporate Bond Spreads: 30-Year History

As of December 9, 2022





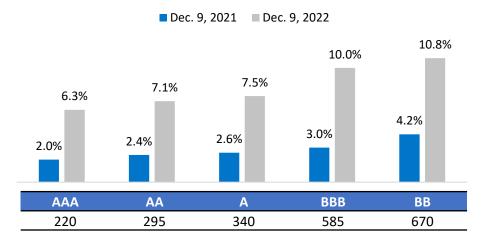
Source: DoubleLine, Bloomberg. Dash lines represent the specified period average.

Pre-GFC: Dec. 31, 1997 – June 30, 2007; Post-GFC: Dec. 31, 2009 – Dec. 9, 2022; 30-Year: Dec. 31, 1992 – Dec. 9, 2022

Attractive Yields Across the Securitized Capital Structure

Year-over-Year Change as of December 9, 2022

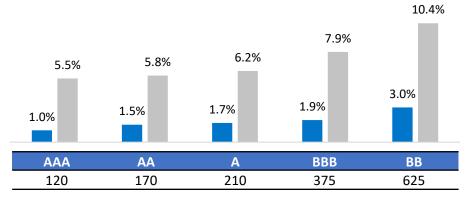
• Securitized credit yields have more than doubled across the capital structure within many sub-sectors.



RMBS Non-QM

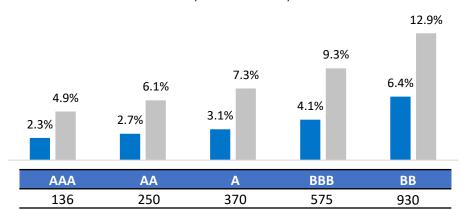
ABS Subprime Auto

Dec. 9, 2021 Dec. 9, 2022



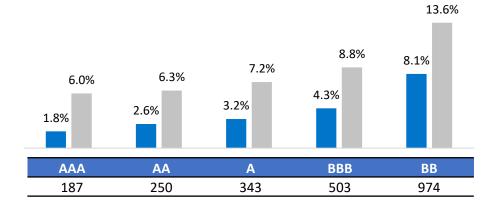
Source: DoubleLine, BofA Global Research, JPM Research, Bloomberg, Palmer Square Table represents current spreads in basis points (bps)

You cannot invest directly in an index.



CLO Palmer Square Indexes

Dec. 9, 2021 Dec. 9, 2022



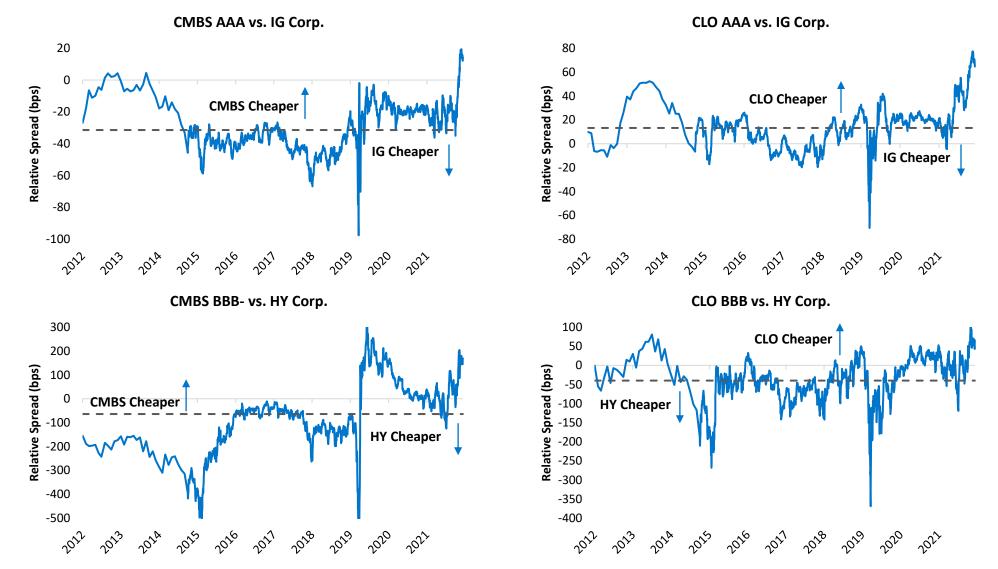
CMBS Conduit

DoubleLine

Dec. 9, 2021 Dec. 9, 2022

Relative Value: Securitized Credit vs. Corporate Bonds

As of December 9, 2022



DoubleLine

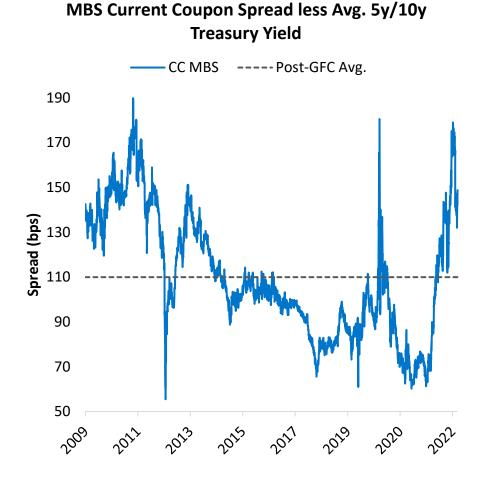
• Securitized credit spreads are cheap relative to similarly rated corporate bonds.

Source: DoubleLine, BofA Global Research, Bloomberg, Palmer Square. Dashed line represents the average relative spread. You cannot invest directly in an index.

Agency MBS Spread and Convexity

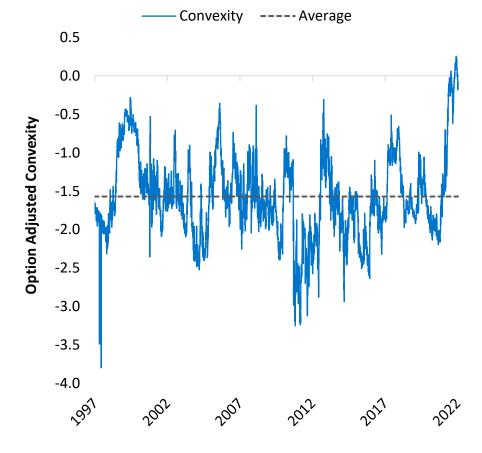
As of December 9, 2022

- Agency MBS current coupon (CC) spreads are near their widest levels in over a decade.
- Lower dollar prices and slower expected prepayments have contributed to a significantly improved convexity profile for Agency MBS.



Agency MBS Convexity

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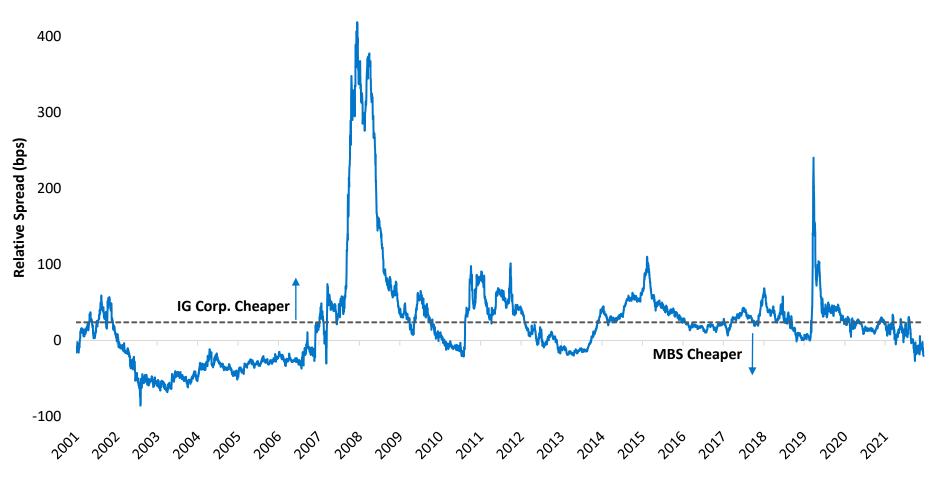
Source: DoubleLine, Bloomberg.

Spread over Treasuries is calculated using the average of the five- and 10-year Treasury yield. Dashed grey line represents the average spread over Treasuries. Convexity measured by the Bloomberg US MBS Index.

Relative Value: Agency MBS vs. IG Corporate Bonds

As of December 12, 2022

• Agency MBS current coupon (CC) spreads are near their cheapest levels versus IG corporate bond spreads over the last 20 years.

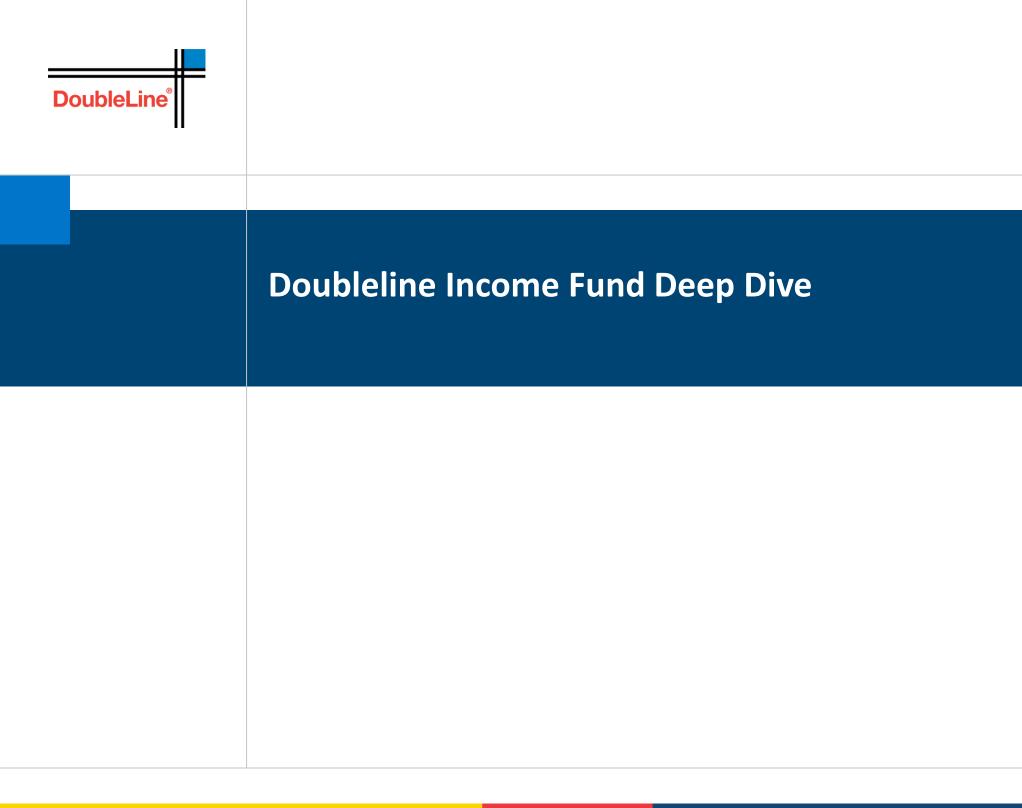




DoubleLine

Source: DoubleLine, Bloomberg.

MBS spread over Treasuries is calculated using the average of the five- and 10-year Treasury yield. OAS = option adjusted spread. Dashed grey line represents the average.



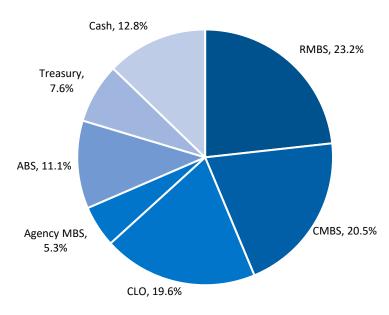
DoubleLine Income Fund Portfolio Exposure

As of November 30, 2022

DoubleLine®	

	DoubleLine Income Fund	Bloomberg U.S. Aggregate Bond Index
Market Price	\$94.06	\$89.46
SEC 30-Day Yield (Gross)	8.76%	4.56%*
SEC 30-Day Yield (Net)	9.01%	-
Duration	1.45	6.22
Weighted Average Life	4.91	8.46
% Floating Rate	38.1%	0.0%

Sector Exposure



23.2%
6.2%
5.1%
4.5%
3.9%
3.6%
20.5%
12.4%
5.4%
1.6%
0.0%
1.0%
19.6%
5.3%
0.0%
5.3%
11.1%
8.5%
2.6%
7.6%
12.8%
100.0%

Sector

% of PF

Credit Rating	% of PF
AAA ¹	26.7%
AA	1.0%
A	0.0%
BBB	20.1%
BB	20.4%
В	15.9%
C-rated	0.0%
NR	16.0%
Total	100.0%
Investment Grade ¹	47.7%
Below Investment Grade	52.3%

CMBS Property Type	% of CMBS
Industrial	29.2%
Office	26.9%
Retail	21.3%
MultiFamily	14.0%
Lodging	5.0%
Mixed Use	2.9%
Other	0.7%
Total	100.0%

Top 10 Holdings	%	
1 3/8 10/31/28 5.99%		
CAVU 2019-2A C	2.97%	
AMSR 2021-SFR1 G	2.73%	
FMMSR 2021-GT2 B	2.23%	
LHOME 2021-RTL1 M	2.09%	
CAS 2021-R01 1M2	2.06%	
PRPM 2021-2 A2	2.05%	
WAAV 2019-1 C	2.01%	
BX 2021-VIEW F	1.97%	
SMR 2022-IND G	1.95%	
Total:	26.06%	

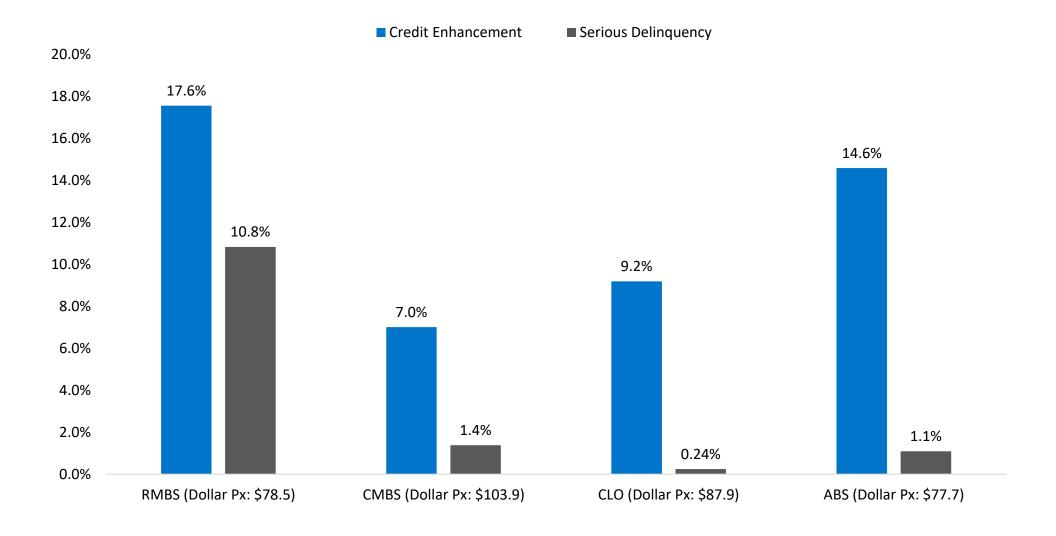
*Bloomberg US Aggregate Bond Index Yield is represented as Yield-to-Maturity.

RMBS: Residential Mortgage-Backed Securities; MBS: Mortgage-Backed Securities; CLO: Collateralized Loan Obligations; ABS: Asset-Backed Securities; CMBS: Commercial Mortgage-Backed Securities; PF: Portfolio; SASB: Sustainability Accounting Standards Board; CRE: Commercial Real Estate; Non-QM: Non-Qualified Mortgages; PT: Pass-Through; CMO: Collateralized Mortgage Obligations; RTL: Residential Transition Loans; SFR: Single-Family Rental; MSR: Mortgage-Servicing Rights; CRT: Credit-Risk Transfer

1 Includes Cash, Agency MBS, and Government securities

Sector Credit Enhancement vs. Serious Delinquency

As of November 30, 2022



DoubleLin

RMBS Loan-to-Value (LTV)

• RMBS-related holdings within DBLIX are collateralized by loans to borrowers who generally have a substantial amount of equity in their properties.

DoubleLi

Subsector	% of RMBS	Weighted Average LTV ¹
Non-Qualified Mortgages	26.6%	52.4%
Single-Family Rental ²	19.4%	86.3%
Credit Risk Transfer	16.7%	52.7%
Reperforming / Non- Performing Loans	15.5%	58.8%
Mortgage Servicing Rights ²	9.6%	70.0%
Residential Transition Loans ³	9.0%	67.4%
Small Balance Commercial	3.2%	42.9%
Average	100.0%	62.7%

Source: DoubleLine, Bloomberg As of November 30, 2022 1 LTVs have been adjusted for home prices where data is available 2 Based on certificate balance to underlying collateral value 3 Based on loan to after repair value

CMBS Loan-To-Value (LTV)

• CMBS holdings within DBLIX are collateralized with borrowers who have meaningful equity in their properties.

DoubleLine

Subsector	% of CMBS ¹	Weighted Average Current LTV ²	Weighted Average Implied Tranche LTV ³	Weighted Average Current Credit Enhancement
Conduit	27.7%	60.1%	52.3%	13.0%
CRE CLO	8.4%	71.6%	55.0%	23.2%
SASB	63.9%	71.7%	67.4%	5.7%
Average	100.0%	68.5%	62.2%	9.2%

Source: DoubleLine, Trepp.

1. As of November 15, 2022

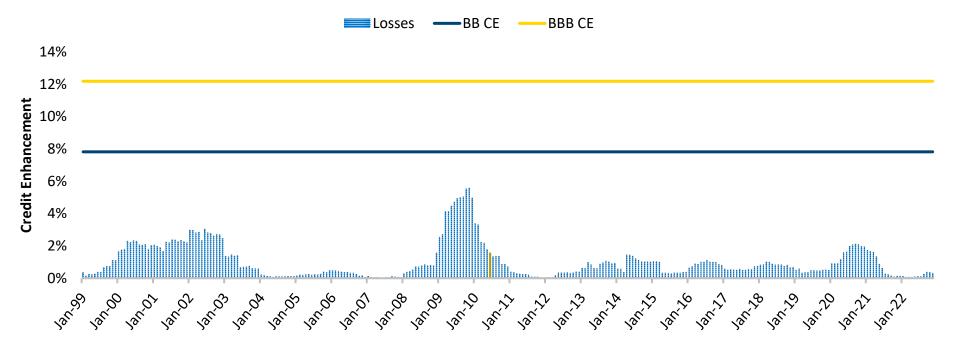
2. Current LTV reflects Loan-To-Value based on the latest property appraisal values as of November 2022. Please note not all loans have updated appraisal values and values may be as of the origination date. 3. Implied Tranche LTV is calculated by multiplying the Current LTV by (1 minus Current Credit Enhancement) to determine the implied LTV to the portfolio's investment.

CLO Ratings

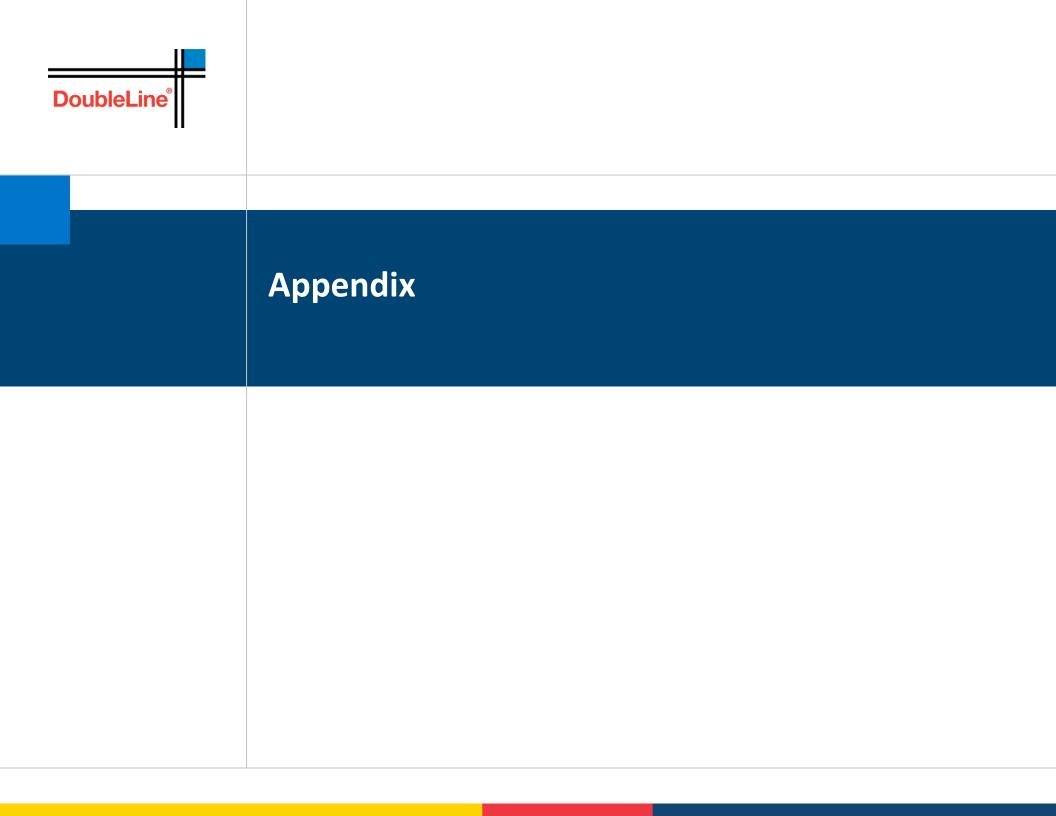
- DoubleLine®
- CLO holdings within DBLIX are well enhanced to protect against losses when compared with historical credit events.

DBLIX CLO Rating		
BBB	46.9%	
BB	53.1%	
Total	100.0%	

CLO Historical Losses vs. Current Credit Enhancement Levels



Source: DoubleLine, S&P/LSTA As of November 30, 2022



Definitions

Adjustable-Rate Mortgage (ARM) – type of mortgage in which the interest rate applied on the outstanding balance varies throughout the life of the loan. With an adjustable-rate mortgage, the initial interest rate is fixed for a period of time. After this initial period of time, the interest rate resets periodically, at yearly or even monthly intervals.

Alt-A – Classification of mortgages with a risk profile falling between prime and subprime. They can be considered high risk due to provision factors customized by the lender.

Asset-Backed Security (ABS) – Investment security, such as a bond or note, that is collateralized by a pool of assets, such as loans, leases, credit card debt, royalties or receivables.

Basis Points (BPS) – Basis points (or basis point (bp)) refer to a common unit of measure for interest rates and other percentages in finance. One basis point is equal to 1/100th of 1%, or 0.01% or 0.0001, and is used to denote the percentage change in a financial instrument. The relationship between percentage changes and basis points can be summarized as: 1% change = 100 basis points; 0.01% = 1 basis point. **BDC:** Business Development Companies

Below Investment Grade/Non-Investment Grade – Term indicating a security is rated below investment grade (IG). These securities are seen as having higher default risk or being prone to other adverse credit events. They typically pay higher yields than higher-quality bonds in order to make them attractive. They are less likely than IG bonds to pay back 100 cents on the dollar.

Black Knight Home Price Index - Black Knight Home Price Indexes show historical price trends for U.S. residential properties, offering cost-effective estimates of property values that underlie residential mortgage portfolios and securities. REO discounts down to the ZIP code level are also provided and used to correct for distortions that otherwise occur when REO sales are included in HPI calculations.

Bloomberg Asset-Backed Securities (ABS) Auto Total Return Index Value Unhedged USD — This index, reported on a total return, unhedged, U.S. dollar-denominated basis, tracks ABS backed by auto loans with an average life of at least one year, at least \$500 million in deal size and rated investment grade by at least two of the following rating agencies (Moody's, S&P or Fitch).

Bloomberg Asset-Backed Securities (ABS) Credit Card Total Return Index Value Unhedged USD — This index, reported on a total return, unhedged, U.S. dollar-denominated basis, tracks ABS backed by credit card receivables with an average life of at least one year, at least \$500 million in deal size and rated investment grade by at least two of the following rating agencies (Moody's, S&P or Fitch).

Bloomberg FHMLC Index – This index tracks the Freddie Mac (FHMLC) component of the US Mortgage-Backed Securities (MBS) Index.

Bloomberg 1-3 Yr Credit Total Return Index Value Unhedged USD – This index measures the performance of investment grade, U.S. dollar-denominated, fixed-rate, taxable corporate and government-related debt with one to 2.9999 years to maturity. It is composed of a corporate and a noncorporate component that includes non-U.S. agencies, sovereigns, supranationals and local authorities.

Bloomberg 1-3 Yr US Corporate Investment Grade (IG) Total Return Index Value Unhedged – This index measures the IG, fixed-rate taxable corporate bond market on a total return, unhedged basis. It includes U.S. dollar-denominated securities publicly issued by U.S. and non-U.S. industrial, utility and financial issuers.

Bloomberg US Aa Corporate Index – This index measures the investment grade, fixed-rate taxable corporate bond market for bonds rated Aa. It includes U.S. dollar-denominated securities publicly issued by U.S. and non-U.S. industrial, utility and financial issuers.

Bloomberg US Agency Commercial Mortgage-Backed Securities (CMBS) Senior Total Return Index Value Unhedged – This index measures the performance of "senior" (meaning highest quality) Agency commercial mortgage-backed securities, which are classes of securities that represent interests in pools of commercial mortgages, on a total return, unhedged basis in U.S. dollars.

Bloomberg US Agency Commercial Mortgage-Backed Securities (CMBS) Total Return Index Value Unhedged USD – This index measures the performance of Agency commercial mortgage-backed securities, which are classes of securities that represent interests in pools of commercial mortgages, on a total return, unhedged basis in U.S. dollars.

Bloomberg US Agg Asset-Backed Securities (ABS) Total Return Value Unhedged USD — This index has three subsectors (credit and charge cards, autos and utility) and includes only the senior class of each ABS issue and the ERISA-eligible B and C tranches. It includes pass-through, bullet and controlled amortization structures.

Bloomberg US Aggregate Bond Index – This index represents securities that are SEC registered, taxable and dollar denominated. It covers the U.S. investment grade, fixed-rate bond market, with components for government and corporate securities, mortgage pass-through securities and asset-backed securities. These major sectors are subdivided into more specific indexes that are calculated and reported on a regular basis. Bloomberg US Aggregate Corporate Bond Index – This index tracks the corporate securities component of the US Aggregate Bond Index.

Bloomberg US Asset-Backed Securities (ABS) Floating Rate: Student Loan Total Return Unhedged — This index, reported on a total return, unhedged basis, tracks floating-rate ABS backed by student loans with an average life of at least one year, at least \$500 million in deal size and rated investment grade by at least two of the following rating agencies (Moody's, S&P or Fitch).

Bloomberg US Commercial Mortgage-Backed Securities (CMBS) A Index – This index measures the performance of A-rated commercial mortgage-backed securities, which are classes of securities that represent interests in pools of commercial mortgages.

Bloomberg US Commercial Mortgage-Backed Securities (CMBS) AAA Index – This index measures the performance of AAA-rated commercial mortgage-backed securities, which are classes of securities that represent interests in pools of commercial mortgages.

Bioomberg US Commercial Mortgage-Backed Securities (CMBS) Index – This index measures the performance of commercial mortgage-backed securities, which are classes of securities that represent interests in pools of commercial mortgages.

Bloomberg US Corporate Index – This index measures the investment grade, fixed-rate taxable corporate bond market. It includes U.S. dollar-denominated securities publicly issued by U.S. and non-U.S. industrial, utility and financial issuers.

Bloomberg US Corporate High Yield (HY) Total Return Index Value Unhedged USD – This index measures the U.S. dollar-denominated HY fixed-rate corporate bond market on a total return, unhedged basis. Securities are classified as HY if the respective middle ratings of Moody's, Fitch and S&P are Ba1, BB+ or BB+ or below. The Bloomberg US HY Long Index, including bonds with maturities of 10 years or greater, and the Bloomberg US HY Intermediate Index, including bonds with maturities of 1 to 9.999 years, are subindexes of the Bloomberg US Corporate HY Index.

Bloomberg US Corporate Total Return Value Unhedged USD – This index measures the investment-grade fixed-rate taxable corporate bond market on a total return, unhedged basis. It includes U.S. dollardenominated securities publicly issued by U.S. and non-U.S. industrial, utility and financial issuers.

Bloomberg US Credit Index – This index is the U.S. credit component of the US Government/Credit Index. It consists of publicly issued U.S. corporate and specified foreign debentures and secured notes that meet the specified maturity, liquidity and quality requirements. To qualify, bonds must be SEC registered. The US Credit Index is the same as the former US Corporate Index.

Definitions

Bloomberg US Credit Index Total Return Value Unhedged USD – This index is the U.S. credit component of the US Government/Credit Index. It consists of publicly issued U.S. corporate and specified foreign debentures and secured notes that meet the specified maturity, liquidity and quality requirements and is tracked in U.S. dollars on a tracked on a total return, unhedged basis. To qualify, bonds must be SEC registered. The US Credit Index is the same as the former US Corporate Index.

Bloomberg US Government Index Total Return Value Unhedged USD – This index is the U.S. government securities component of the US Government/Credit Index. It includes investment grade, U.S. dollar-denominated, fixed-rate U.S. Treasuries and government-related securities and is tracked on a total return, unhedged basis.

Bloomberg US Long Corporate Index – This index measures the investment grade, fixed-rate taxable corporate bond market. It includes U.S. dollar-denominated securities of 10-plus years publicly issued by U.S. and non-U.S. industrial, utility and financial issuers.

Bloomberg US Long Government/Credit Index – This index tracks the market for investment grade, U.S. dollar-denominated, fixed-rate Treasuries, and government-related and corporate securities.

Bloomberg US Long Treasury Index – This index includes all publicly issued U.S. Treasury securities that have a remaining maturity of 10 or more years, are rated investment grade, and have \$250 million or more of outstanding face value.

Bloomberg US Mortgage-Backed Securities (MBS) Index – This index measures the performance of investment-grade, fixed-rate mortgage-backed pass-through securities of the government-sponsored enterprises (GSEs): Federal Home Loan Mortgage Corp. (Freddie Mac), Federal National Mortgage Association (Fannie Mae) and Government National Mortgage Association (Ginnie Mae).

Bloomberg US Mortgage-Backed Securities (MBS) Index Total Return Value Unhedged USD – This index tracks the Bloomberg US MBS Index on a U.S. dollar-denominated, total return value, unhedged basis.

Bloomberg US Municipal Bond Index – This index covers the U.S. dollar-denominated long-term tax exempt bond market. The index has four main sectors: state and local general obligation bonds, revenue bonds, insured bonds and pre-refunded bonds.

Bloomberg Municipal Bond Index Total Return Value Unhedged USD – This index covers the US Municipal Bond Index on a total return, unhedged basis.

Bloomberg US Non-Agency Commercial Mortgage-Backed Securities (CMBS) Total Return Index Value Unhedged USD – This index measures the performance of non-Agency commercial mortgage-backed securities, which are classes of securities that represent interests in pools of commercial mortgages, on a total return, unhedged basis in U.S. dollars.

Bloomberg US Treasury Index – This index measures U.S. dollar-denominated fixed-rate nominal debt issued by the U.S. Treasury with a remaining maturity of one year or more. Treasury bills are excluded by the maturity constraint but are part of a separate Short Treasury Index.

Bloomberg US Treasury Index Total Return Unhedged USD – This index measures the performance of the Bloomberg US Treasury Index on a U.S. dollar-denominated, total return, unhedged basis.

Cash Flow – Net amount of cash and cash equivalents being transferred into and out of a business. At the most fundamental level, a company's ability to create value for shareholders is determined by its ability to generate positive cash flows.

Collateralized Loan Obligation (CLO) – Single security backed by a pool of debt. The process of pooling assets into a marketable security is called securitization. CLOs are often backed by corporate loans with low credit ratings or loans taken out by private equity firms to conduct leveraged buyouts.

Combined Loan-to-Value (CLTV) Ratio – Ratio of all secured loans on a property to the value of a property. Lenders use the CLTV ratio to determine a prospective home buyer's risk of default when more than one loan is used.

Commercial Mortgage-Backed Security (CMBS) – Fixed-income investment product that is backed by mortgages on commercial properties rather than residential real estate. CMBS can provide liquidity to real estate investors and commercial lenders alike.

Conditional Default Rate (CDR) -measure of loan defaults within the collateral pool over a period of time **Conduit** - A type of commercial mortgage that is packaged into a pool with other similar type commercial loans and securitized and sold in the secondary market to institutional investors. A conduit loan is structured as a permanent, fixed-rate commercial real estate loan on a non-recourse basis according to specific, but standardized underwriting and documentation requirements. These standards facilitate the loan's ultimate securitization.

Connecticut Avenue Security (CAS) - Credit risk transfer (CRT) securitization issued by Fannie Mae.

Constant Prepayment Rate (CPR) – Metric (also known as "Conditional Prepayment Rate") that indicates a loan prepayment rate at which the outstanding principal of a pool of loans, such as mortgage backed securities (MBS), is paid off. The higher the CPR, the more prepayments are anticipated and thus the lower the duration of the note. This is called "prepayment risk."

Convexity – A measure of the curvature, or the degree of the curve, in the relationship between bond prices and bond yields. Convexity demonstrates how the duration of a bond changes as the interest rate changes. Portfolio managers will use convexity as a risk-management tool, to measure and manage the portfolio's exposure to interest rate risk.

Correlation – A statistical measurement of the relationship between two variables. Possible correlations range from +1 to -1. A zero correlation indicates no relationship between the variables; -1 indicates a perfect negative correlation; +1 indicates a perfect positive correlation.

Commercial Property Price Index (CPPI) – This index describes various nonresidential property types for the U.S. (10 monthly series from 2000). It is a periodic same-property round-trip investment price-change index of the U.S. commercial investment property market. The dataset contains 20 monthly indicators.

Credit Risk Transfer (CRT) – Program by both Fannie Mae and Freddie Mac to structure mortgage credit risk into securities therefore transferring credit risk exposure from U.S taxpayers to private capital. **Credit Suisse Leveraged Loan** - This index tracks the investable market of the U.S. dollar denominated leveraged loan market. It consists of issues rated "5B" or lower, meaning that the highest rated issues included in this index are Moody's/S&P ratings of Baa1/BB+ or Ba1/BBB+. All loans are funded term loans with a tenor of at least one year and are made by issuers domiciled in developed countries.

Definitions

Credit Quality – Determined from the highest available credit rating from any Nationally Recognized Statistical Rating Agency (NRSRO", generally S&P, Moody's, or Fitch). DoubleLine chooses to display credit ratings using S&P's rating convention, although the rating itself might be sourced from another NRSRO. The firm evaluates a bond issuer's financial strength, or its ability to pay a bond's principal and interest in a timely fashion. Ratings are expressed as letters ranging from 'AAA', which is the highest grade, to 'D', which is the lowest grade. In limited situations when the rating agency has not issued a formal rating, the rating agency will classify the security as nonrated (NR).

Debt-to-Income Ratio - Is a personal finance measure that compares an individual's monthly debt payment to their monthly gross income.

Delinquency – Neglect in making required payments on a debt.

Drawdown- Peak-to-trough decline during a specific period for an investment, trading account or fund. A drawdown is usually quoted as the percentage between the peak and the subsequent trough.

Duration – Commonly used measure of the potential volatility of the price of a debt security, or the aggregate market value of a portfolio of debt securities, prior to maturity. Securities with a longer duration generally have more volatile prices than securities of comparable quality with a shorter duration.

Earnings Before Interest, Taxes, Depreciation and Amortization (EBITDA) - Measure of a company's overall financial performance that is used as an alternative to net income in some circumstances **Employee Retirement Income Security Act of 1974 (ERISA)** – U.S. tax and labor law that establishes minimum standards for pension plans in private industry. It contains rules on the federal income tax effects of transactions associated with employee benefit plans.

House Price Index Adjusted Loan-to-Value Amortized (HPI LTV) -ratio of a property's house price index adjusted value (from issuance) to the current mortgage amount outstanding. Loan LTV ratios are weighted by their current balance.

Leveraged Loan - A type of syndicated loan for below investment grade companies (credit rating below BBB- or Baa3)

Mortgage Debt-Service Coverage Ratio (DSCR)- The debt-service coverage ratio applies to corporate, government, and personal finance. In the context of corporate finance, the debt-service coverage ratio (DSCR) is a measurement of a firm's available cash flow to pay current debt obligations. The DSCR shows investors whether a company has enough income to pay its debts.

Mortgage Debt Yield (DY)- the return a lender would receive if it were to foreclose on the property on Day One. Debt yield can be thought of as a lender's perspective of the cap rate, the cash flow a property generates relative to a loan amount or lender's basis.

Non-QM (Non-Qualified Mortgage) - A loan that doesn't meet the standards of a qualified mortgage and uses non-traditional methods of income verification to help a borrower get approved for a home loan. These types of loans are for borrowers with unique income qualifying circumstances.

Palmer Square Indices are rules-based observable pricing and total return indices for collateralized loan obligation ("CLO") debt for sale in the United States based on original ratings of AAA, AA, A, BBB, BB or equivalent.

Pool Factor- current balance of loans remaining in the collateral pool divided by the original balance of the collateral pool.

Price-to-Rent Ratio - The price-to-rent ratio is the ratio of home prices to annualized rent in a given location. This ratio is used as a benchmark for estimating whether it's cheaper to rent or own property. The price-to-rent ratio is used as an indicator for whether housing markets are fairly valued, or in a bubble. **RCA Commercial Property Price Index (CPPI)** – This index describes various nonresidential property types for the U.S. (10 monthly series from 2000). It is a periodic same-property round-trip investment price-change index of the U.S. commercial investment property market. The dataset contains 20 monthly indicators.

Severity- the percentage of a loan that is not recovered during a liquidation

S&P CoreLogic Case-Shiller National Home Price NSA Index – This index tracks the value of single-family housing within the United States and is a composite of single-family price indexes for the nine Census Bureau divisions.

Subprime Auto - A type of loan used to finance a car purchase that's offered to people with low credit scores or limited credit histories. Subprime loans carry higher interest rates than comparable prime loans and may also come with prepayment penalties if the borrower chooses to pay off the loan early.

Voluntary Prepayment Rate (VPR)-measure of loan prepayments (excluding losses) within the collateral pool over a period of time

Yield-to-Maturity- The total return anticipated on a bond if the bond is held until it matures. Yield to maturity is considered a long-term bond yield but is expressed as an annual rate.

Yield-to-Worst- The lowest yield of a bond that can be received short of default.

Weighted Average Coupon (WAC)- current weighted average of the interest rates of the loans in the pool Weighted Average Loan Age (WALA)- Current loan age used for calculations (number of months since loan inception)

Weighted Average Loan-to-Value Amortized (WA LTV) -ratio of a property's original appraised value (at issuance) to the current mortgage amount outstanding. Loan LTV ratios are weighted by their current balance.

Weighted Average Maturity (WAM)- Current weighted average remaining time to maturity of the loans/pools backing the security, in months

Weighted Average Life (WAL) – Average number of years for which each dollar of unpaid principal on a loan, mortgage or bond remains outstanding.

Important Information Regarding This Material

Issue selection processes and tools illustrated throughout this presentation are samples and may be modified periodically. Such tools are not the only tools used by the investment teams, are extremely sophisticated, may not always produce the intended results and are not intended for use by non-professionals.

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DoubleLine Income Fund Webcast

December 13, 2022

Live Webcast Hosted By:

Ken Shinoda, CFA Portfolio Manager

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Webcast Announcements

Upcoming Webcasts:

January 10, 2023 – Just Markets Webcast 1:15 pm PT/4:15 pm ET

DoubleLine CEO Jeffrey Gundlach will discuss the outlook for the markets.

February 7, 2023 – Diversified Fixed Income Webcast 1:15 pm PT/4:15 pm ET

DoubleLine portfolio managers will discuss the DoubleLine Flexible Income, Core Fixed Income and Low Duration Bond Funds as well as the DoubleLine Opportunistic Bond Exchange-Traded Fund.

DoubleLine's 2023 webcast schedule is available on our website.

Visit <u>doubleline.com/doubleline-webcasts/</u> to register for upcoming webcasts.

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DoubleLine Media Thought Leadership





DoubleLine's Round Table Prime

Featuring today's Financial Thought Leaders: Jim Bianco, Danielle DiMartino Booth, Jeffrey Gundlach, Charles Payne and David Rosenberg. Moderated by DoubleLine's Deputy CIO, Jeffrey Sherman.

Live on Twitter Spaces, January 4, 2023 followed by videos on DoubleLine.com



DoubleLine's Channel 11

Hosted by Portfolio Manager Ken Shinoda and available on 🌱 Twitter: DLineChannel11 Email: channel11@doubleline.com



The Sherman Show Podcast

Hosted by Deputy CIO Jeffrey Sherman and Portfolio Manager Sam Lau Available on www.doubleline.com, iTunes, Sound Cloud, Google Podcasts, Spotify and Stitcher. Visit them on Stitter: @ShermanShowPod



Monday Morning Minutes Podcast

Hosted by Portfolio Managers Sam Lau and Jeff Mayberry Featuring timely and relevant weekly Macro and Markets recaps. Posts weekly to www.doubleline.com, iTunes, Sound Cloud, Google Podcasts, Spotify and Stitcher. Visit them on 🈏 Twitter: @DLineMinutes