

## INVESCO CLOSED-END FUND MONTHLY INFORMATION

**Fund characteristics are subject to change daily. Provided for informational purposes only and should not be deemed as a recommendation to buy or sell the securities mentioned or securities in the sectors shown above. Credit quality, investment sector and CMBS property type are shown as a percentage of total assets. Securities are classified by sectors that represent broad groupings of related industries. Credit quality allocations based upon ratings as issued by Standard and Poor's Fitch, Moody's, Kroll, or Morningstar, as indicated.**

This data is provided for informational purposes only and is not intended for trading purposes. Closed end funds, unlike open end funds, are not continuously offered. There is a one time public offering and once issued, shares of closed end funds are sold in the open market.

There is no assurance that a closed end fund will achieve its investment objective. Like any stock, a closed end fund's share price will fluctuate with market conditions and other factors. At the time of sale, your shares may have a market price that is above or below net asset value, and may be worth more or less than your original investment. Accordingly, it is possible to lose money investing in the Trust.

The fund is subject to credit and interest-rate risk. Credit risk refers to the ability of an issuer to make timely payments of interest and principal. Investments in securities rated below investment grade present greater risk of loss to principal and interest than investment in higher-quality securities. Interest rate risk refers to fluctuations in the value of a fixed-income security resulting from changes in the general level of interest rates. In a declining interest-rate environment, the portfolio may generate less income. In a rising interest-rate environment, bond prices fall. Should the funds employ leverage, the portfolios may experience increased volatility.

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**Invesco Advantage Municipal Income Trust II**  
**Ticker: VKI**  
**Inception Date: 8-27-1993**  
**Objective: The Trust’s investment objective is to provide common shareholders with a high level of current income exempt from federal income tax, consistent with preservation of capital.**

**Fund Investments: A diversified portfolio composed substantially of investment grade tax-exempt municipal securities.**

Characteristics	08-2023
WAM	19.84
AMT Bonds	17.66
Duration (Modified)	8.67
Duration (Option Adjusted)	9.35
Leverage Adjusted OAD	14.18
Avg. Coupon	4.37
Avg. Market Price	96.76
Yield to Worst	4.70
Total Assets (\$MM)**	684.24
Preferred Assets (\$MM)	216.00
TOB Assets (\$MM)	49.83
Leverage (%)**	38.85
Earnings*	0.0277
UNII Balance*	-0.0551
Prerefunded	1.36

\*The undistributed net investment income balance per common share and the earnings per common share are calculated using the month-end balances of the current month. Prior to 2010, calculations were an average, which used the current and two preceding months.

\*\* As of May 2010, calculations include preferred and TOB assets. Prior to May 2010, calculations included only preferred assets.

Credit Quality (%)**	08-2023
AAA/Aaa	5.66%
AA/Aa	35.14%
A/A	24.81%
BBB/Baa	14.77%
BB/Ba	4.37%
B/B	0.94%
Not Rated	14.13%
Other***	0.27%

\*\*\*The "Other" category is rated C or CC or CCC or D.  
\*\*Portfolio information is subject to change due to active management. Ratings are based on Moody's, S&P or Fitch, as applicable. Credit ratings are based largely on the rating agency's investment analysis at the time of rating and the rating assigned to any particular security is not necessarily a reflection of the issuer's current financial condition. The rating assigned to a security by a rating agency does not necessarily reflect its assessment of the volatility of a security's market value or of the liquidity of an investment in the security. If securities are rated differently by the rating agencies, the lowest rating is applied. For example; if a security is rated AAA by S&P and Fitch, and AA by Moody's, then AA is what is represented in the weighting.

Top 5 States (%)	08-2023
New York	12.72
Texas	10.98
California	9.63
Illinois	7.89
Florida	6.09

Sectors (%)	08-2023
Airport	10.19
Appropriation	0.46
Cash	-0.10
Charter Schools	1.64
Dedicated Tax	13.89
Higher Education	2.39
Hospital	14.36
IDR / PCR	9.50
Life Care	3.35
Local GO	8.66
Multi-Family	1.84
Nursing Home	0.03
Other Revenue	5.21
Other Transportation	1.54
Other Utility	0.46
Port	0.54
Prerefunded/ETM	1.36
Public Power	4.65
Resource Recovery	0.48
Single-Family	0.24
State GO	3.06
Tobacco	5.84
Tollroad	5.77
Water / Sewer	4.64

Next Call Date	08-2023
2023	8.68
2024	8.86
2025	5.45
2026	3.34
2027	6.83
2028	8.71
2029	6.17
2030	10.43
2031	8.99
2032	11.60
2033	6.89
2035	0.21
NonCallable	13.83

Invesco Municipal Opportunity Trust  
Ticker: VMO  
Inception Date: 4-24-1992

Objective: The Trust’s investment objective is to provide Common Shareholders with a high level of current income exempt from federal income tax, consistent with preservation of capital.

Fund Investments: A diversified portfolio composed substantially of investment-grade municipal securities.

Characteristics	08-2023
WAM	20.05
AMT Bonds	16.74
Duration (Modified)	8.76
Duration (Option Adjusted)	9.47
Leverage Adjusted OAD	14.37
Avg. Coupon	4.36
Avg. Market Price	96.82
Yield to Worst	4.68
Total Assets (\$MM)**	1154.29
Preferred Assets (\$MM)	367.60
TOB Assets (\$MM)	76.30
Leverage (%)**	38.46
Earnings*	0.0309
UNII Balance*	-0.0551
Prerefunded	2.35

\*The undistributed net investment income balance per common share and the earnings per common share are calculated using the month-end balances of the current month. Prior to 2010, calculations were an average, which used the current and two preceding months.

\*\* As of May 2010, calculations include preferred and TOB assets. Prior to May 2010, calculations included only preferred assets.

Credit Quality (%)**	08-2023
AAA/Aaa	5.88%
AA/Aa	36.48%
A/A	22.56%
BBB/Baa	15.75%
BB/Ba	4.43%
B/B	0.87%
Not Rated	13.75%
Other***	0.23%

\*\*\*The "Other" category is rated C or CC or CCC or D.

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Top 5 States (%)	08-2023
New York	13.61
Texas	10.64
California	10.16
Illinois	7.25
Florida	7.06

Sectors (%)	08-2023
Airport	10.77
Appropriation	0.57
Cash	0.05
Charter Schools	1.56
Dedicated Tax	13.61
Higher Education	2.28
Hospital	11.91
IDR / PCR	8.45
Life Care	3.73
Local GO	9.02
Multi-Family	1.69
Nursing Home	0.01
Other Revenue	4.79
Other Transportation	1.80
Other Utility	0.77
Port	0.75
Prerefunded/ETM	2.35
Primary/Secondary Educ	0.01
Public Power	4.61
Resource Recovery	0.26
Single-Family	0.24
State GO	3.02
Tobacco	5.44
Tollroad	6.79
Water / Sewer	5.52

Next Call Date (%)	08-2023
2023	8.85
2024	9.07
2025	4.59
2026	3.18
2027	7.24
2028	9.03
2029	6.38
2030	10.31
2031	9.40
2032	11.85
2033	6.99
2035	0.21
NonCallable	12.89

Objective: The Trust’s investment objective is to provide Common Shareholders with a high level of current income exempt from federal income tax, consistent with preservation of capital.

Fund Investments: A diversified portfolio composed substantially of investment grade municipal securities.

Characteristics	08-2023
WAM	20.29
AMT Bonds	16.86
Duration (Modified)	8.88
Duration (Option Adjusted)	9.72
Leverage Adjusted OAD	14.24
Avg. Coupon	4.41
Avg. Market Price	97.13
Yield to Worst	4.71
Total Assets (\$MM)**	909.57
Preferred Assets (\$MM)	262.80
TOB Assets (\$MM)	81.54
Leverage (%)**	37.86
Earnings*	0.0318
UNII Balance*	-0.0210
Prerefunded	1.16

\*The undistributed net investment income balance per common share and the earnings per common share are calculated using the month-end balances of the current month. Prior to 2010, calculations were an average, which used the current and two preceding months.  
\*\* As of May 2010, calculations include preferred and TOB assets. Prior to May 2010, calculations included only preferred assets.

Credit Quality (%)**	08-2023
AAA/Aaa	5.81%
AA/Aa	35.70%
A/A	22.62%
BBB/Baa	16.28%
BB/Ba	4.73%
B/B	0.90%
Not Rated	14.16%
Other***	0.24%

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Top 5 States (%)	08-2023
New York	12.74
Texas	10.16
California	8.82
Illinois	8.40
Florida	6.40

Sectors (%)	08-2023
Airport	10.69
Appropriation	0.82
Cash	-0.45
Charter Schools	1.65
Dedicated Tax	14.59
Higher Education	2.53
Hospital	12.29
IDR / PCR	8.67
Incremental Tax	0.02
Life Care	3.45
Local GO	8.57
Multi-Family	1.68
Nursing Home	0.02
Other Revenue	5.79
Other Transportation	2.25
Other Utility	0.53
Port	1.05
Prerefunded/ETM	1.16
Public Power	4.17
Resource Recovery	0.38
Single-Family	0.24
State GO	3.35
Tobacco	5.76
Tollroad	6.08
Water / Sewer	4.68

Next Call Date (%)	08-2023
2023	8.12
2024	8.67
2025	4.80
2026	3.62
2027	8.14
2028	9.30
2029	6.55
2030	9.69
2031	8.79
2032	11.59
2033	7.44
2035	0.22
NonCallable	13.08

**Invesco Trust For Investment Grade Municipals**  
**Ticker: VGM**  
**Inception Date: 1-24-1992**  
**Objective: The Trust’s investment objective is to provide Common Shareholders with a high level of current income exempt from federal income tax, consistent with preservation of capital.**  
**Fund Investments: A diversified portfolio composed substantially of investment grade municipal securities.**

Characteristics	08-2023
WAM	20.40
AMT Bonds	17.39
Duration (Modified)	8.82
Duration (Option Adjusted)	9.53
Leverage Adjusted OAD	13.94
Avg. Coupon	4.44
Avg. Market Price	96.84
Yield to Worst	4.71
Total Assets (\$MM)**	934.75
Preferred Assets (\$MM)	273.30
TOB Assets (\$MM)	71.12
Leverage (%)**	36.85
Earnings*	0.0307
UNII Balance*	-0.0476
Prerefunded	1.12

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\*\* As of May 2010, calculations include preferred and TOB assets. Prior to May 2010, calculations included only preferred assets.

Credit Quality (%)**	08-2023
AAA/Aaa	6.32%
AA/Aa	36.21%
A/A	21.89%
BBB/Baa	15.18%
BB/Ba	4.58%
B/B	1.01%
Not Rated	14.12%
Other***	0.25%

\*\*\*The "Other" category is rated C or CC or CCC or D.  
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Credit ratings are based largely on the rating agency’s investment analysis at the time of rating and the rating assigned to any particular security is not necessarily a reflection of the issuer’s current financial condition. The rating assigned to a security by a rating agency does not necessarily reflect its assessment of the volatility of a security’s market value or of the liquidity of an investment in the security. If securities are rated differently by the rating agencies, the lowest rating is applied. For example; if a security is rated AAA by S&P and Fitch, and AA by Moody’s, then AA is what is represented in the weighting.

Top 5 States (%)	08-2023
New York	13.15
California	10.72
Texas	10.62
Florida	7.17
Illinois	6.97

Sectors (%)	08-2023
Airport	10.80
Appropriation	0.21
Cash	0.43
Charter Schools	1.58
Dedicated Tax	13.99
Higher Education	2.21
Hospital	12.44
IDR / PCR	9.07
Incremental Tax	0.03
Life Care	3.89
Local GO	9.00
Multi-Family	1.83
Nursing Home	0.03
Other Revenue	4.77
Other Transportation	1.87
Other Utility	0.45
Port	0.87
Prerefunded/ETM	1.12
Public Power	4.22
Resource Recovery	0.40
Single-Family	0.24
State GO	3.28
Tobacco	5.73
Tollroad	6.55
Water / Sewer	5.00

Next Call Date (%)	08-2023
2023	8.40
2024	9.58
2025	4.90
2026	4.10
2027	7.52
2028	8.98
2029	6.62
2030	10.02
2031	9.47
2032	12.16
2033	7.21
2035	0.22
NonCallable	10.82

Invesco California Value Municipal Income Trust

Ticker: VCV

Inception Date: 4-30-1993

Objective: The Trust’s investment objective is seek to provide Common Shareholders with a high level of current income exempt from federal and California income taxes, consistent with preservation of capital.

Fund Investments: A diversified portfolio composed substantially of investment grade California municipal securities.

VK-CE-CAVMI-FCT-1-E

Characteristics	08-2023
WAM	21.37
AMT Bonds	13.14
Duration (Modified)	10.81
Duration (Option Adjusted)	11.26
Leverage Adjusted OAD	15.80
Avg. Coupon	3.98
Avg. Market Price	97.25
Yield to Worst	4.49
Total Assets (\$MM)**	855.68
Preferred Assets (\$MM)	208.30
TOB Assets (\$MM)	130.48
Leverage (%)**	39.59
Earnings*	0.0308
UNII Balance*	-0.1019
Prerefunded	0.62

\*The undistributed net investment income balance per common share and the earnings per common share are calculated using the month-end balances of the current month. Prior to 2010, calculations were an average, which used the current and two preceding months.

\*\* As of May 2010, calculations include preferred and TOB assets. Prior to May 2010, calculations included only preferred assets.

Credit Quality (%)**	08-2023
AAA/Aaa	1.11%
AA/Aa	34.73%
A/A	22.54%
BBB/Baa	12.14%
BB/Ba	3.18%
B/B	0.45%
Not Rated	25.66%
Other***	1.90%

\*\*\*The "Other" category is rated C or CC or CCC or D.

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Top 5 States (%)	08-2023
California	98.03
Puerto Rico	1.77
Guam	1.40
Virgin Islands	0.50

Sectors (%)	08-2023
Airport	12.77
Appropriation	1.33
Cash	-1.70
Charter Schools	4.70
Dedicated Tax	9.06
Higher Education	8.80
Hospital	10.76
IDR / PCR	2.46
Incremental Tax	8.30
Life Care	3.12
Local GO	20.00
Multi-Family	3.48
Other Revenue	2.25
Other Transportation	0.29
Other Utility	0.25
Port	1.46
Prerefunded/ETM	0.62
Primary/Secondary Educ	0.12
Public Power	1.12
Single-Family	0.25
State GO	2.87
Tobacco	5.17
Tollroad	1.45
Water / Sewer	1.07

Next Call Date (%)	08-2023
2023	10.39
2024	5.09
2025	4.70
2026	5.53
2027	9.01
2028	9.92
2029	9.84
2030	9.38
2031	10.97
2032	7.92
2033	2.76
2035	0.50
2037	0.14
2040	0.78
NonCallable	13.09

**Invesco Trust For Investment Grade New York Municipals**

Ticker: VTN  
Inception Date: 3-27-1992

Objective: The Trust’s investment objective is to provide Common Shareholders with a high level of current income exempt from federal as well as from New York State and New York City income taxes, consistent with preservation of capital.

Fund Investments: A nondiversified portfolio composed substantially of investment grade New York municipal securities.

Characteristics	08-2023
WAM	22.01
AMT Bonds	9.72
Duration (Modified)	10.27
Duration (Option Adjusted)	10.39
Leverage Adjusted OAD	14.56
Avg. Coupon	4.36
Avg. Market Price	97.57
Yield to Worst	4.44
Total Assets (\$MM)**	358.10
Preferred Assets (\$MM)	90.40
TOB Assets (\$MM)	41.92
Leverage (%)**	36.95
Earnings*	0.0298
UNII Balance*	-0.0311
Prefunded	1.52

\*The undistributed net investment income balance per common share and the earnings per common share are calculated using the month-end balances of the current month. Prior to 2010, calculations were an average, which used the current and two preceding months.

\*\* As of May 2010, calculations include preferred and TOB assets. Prior to May 2010, calculations included only preferred assets.

Credit Quality (%)**	08-2023
AAA/Aaa	6.02%
AA/Aa	43.39%
A/A	19.98%
BBB/Baa	13.69%
BB/Ba	4.16%
B/B	2.24%
Not Rated	10.56%
Other***	0.99%

\*\*\*The "Other" category is rated C or CC or CCC or D.

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Top 5 States (%)	08-2023
New York	98.55
Puerto Rico	1.46
Guam	0.80
Virgin Islands	0.22

Sectors (%)	08-2023
Airport	5.36
Appropriation	1.05
Cash	-1.02
Charter Schools	1.34
Dedicated Tax	18.53
Higher Education	12.39
Hospital	4.62
IDR / PCR	7.83
Incremental Tax	0.01
Life Care	1.99
Local GO	6.01
Multi-Family	0.52
Other Revenue	3.68
Other Transportation	9.93
Port	2.52
Prerefunded/ETM	1.52
Public Power	4.47
Tobacco	9.47
Tollroad	4.53
Water / Sewer	5.26

Next Call Date (%)	08-2023
2023	12.82
2024	8.24
2025	4.70
2026	2.15
2027	9.27
2028	7.30
2029	10.42
2030	13.03
2031	9.90
2032	10.14
2033	2.53
NonCallable	9.50

**Invesco Pennsylvania Value Municipal Income Trust**  
**Ticker:** VPV  
**Inception Date:** 4-30-1993  
**Objective:** The Trust’s investment objective is to provide common shareholders with a high level of current income exempt from federal and Pennsylvania income taxes and, where possible under local law, local income and personal property taxes, consistent with preservation of capital.

**Fund Investments:** A diversified portfolio composed substantially of investment grade Pennsylvania municipal securities.

Characteristics	08-2023
WAM	19.32
AMT Bonds	8.44
Duration (Modified)	7.57
Duration (Option Adjusted)	8.75
Leverage Adjusted OAD	13.22
Avg. Coupon	4.47
Avg. Market Price	96.74
Yield to Worst	4.69
Total Assets (\$MM)**	439.84
Preferred Assets (\$MM)	137.60
TOB Assets (\$MM)	33.08
Leverage (%)**	38.81
Earnings*	0.0265
UNII Balance*	0.0027
Prerefunded	2.68

\*The undistributed net investment income balance per common share and the earnings per common share are calculated using the month-end balances of the current month. Prior to 2010, calculations were an average, which used the current and two preceding months.

\*\* As of May 2010, calculations include preferred and TOB assets. Prior to May 2010, calculations included only preferred assets.

Credit Quality (%)**	08-2023
AA/Aa	37.58%
A/A	29.54%
BBB/Baa	14.82%
BB/Ba	7.19%
B/B	1.11%
Not Rated	8.83%

\*\*\*The "Other" category is rated C or CC or CCC or D.

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Top 5 States (%)	08-2023
Pennsylvania	92.13
Puerto Rico	4.82
Guam	1.32
Virgin Islands	0.78

Sectors (%)	08-2023
Airport	3.77
Appropriation	2.43
Cash	0.94
Charter Schools	4.07
Dedicated Tax	0.54
Higher Education	9.91
Hospital	17.29
IDR / PCR	1.66
Incremental Tax	0.85
Life Care	11.99
Local GO	9.23
Multi-Family	0.46
Other Revenue	4.17
Other Transportation	2.35
Other Utility	0.73
Port	0.21
Prerefunded/ETM	2.68
Primary/Secondary Educ	0.23
Public Power	1.29
State GO	2.45
Single-Family	0.74
Tobacco	1.84
Tollroad	11.96
Water / Sewer	8.23

Next Call Date (%)	08-2023
2023	5.30
2024	5.97
2025	11.43
2026	15.45
2027	13.76
2028	7.20
2029	12.50
2030	7.30
2031	6.09
2032	6.25
2037	1.30
NonCallable	7.45

Invesco Value Municipal Income Trust  
Ticker: IIM  
Inception Date: 02/26/1993

Objective: The Trust’s investment objective is to provide current income which is exempt from federal income tax.

Fund Investments: A diversified portfolio composed substantially of investment-grade municipal securities.

Characteristics	08-2023
WAM	19.40
AMT Bonds	14.69
Duration (Modified)	8.93
Duration (Option Adjusted)	9.75
Leverage Adjusted OAD	13.46
Avg. Coupon	3.91
Avg. Market Price	96.88
Yield to Worst	4.59
Total Assets (MM)**	932.49
Preferred Assets (MM)	233.10
TOB Assets (MM)	86.66
Leverage (%)**	34.29
Earnings*	0.0404
UNII Balance*	-0.0127
Prerefunded	1.51

\*The undistributed net investment income balance per common share and the earnings per common share are calculated using the month-end balances of the current month. Prior to 2010, calculations were an average, which used the current and two preceding months.

\*\* As of May 2010, calculations include preferred and TOB assets. Prior to May 2010, calculations included only preferred assets.

Credit Quality (%)**	08-2023
AAA/Aaa	5.80%
AA/Aa	42.08%
A/A	19.92%
BBB/Baa	13.33%
BB/Ba	4.25%
B/B	0.77%
Not Rated	14.62%
Other***	0.29%

\*\*\*The "Other" category is rated C or CC or CCC or D.

\*\*Portfolio information is subject to change due to active management. Ratings are based on Moody’s, S&P or Fitch, as applicable. Credit ratings are based largely on the rating agency’s investment analysis at the time of rating and the rating assigned to any particular security is not necessarily a reflection of the issuer’s current financial condition. The rating assigned to a security by a rating agency does not necessarily reflect its assessment of the volatility of a security’s market value or of the liquidity of an investment in the security. If securities are rated differently by the rating agencies, the lowest rating is applied. For example; if a security is rated AAA by S&P and Fitch, and AA by Moody’s, then AA is what is represented in the weighting.

Top 5 States (%)	08-2023
Texas	14.32
California	13.46
New York	11.47
Illinois	6.02
Florida	5.67

Sectors (%)	08-2023
Airport	8.88
Appropriation	1.75
Cash	-1.06
Charter Schools	1.70
Dedicated Tax	11.50
Higher Education	2.76
Hospital	11.14
IDR / PCR	7.30
Incremental Tax	0.99
Life Care	3.86
Local GO	12.93
Multi-Family	1.38
Nursing Home	0.04
Other Revenue	4.06
Other Transportation	2.78
Other Utility	0.28
Port	0.78
Prerefunded/ETM	1.51
Public Power	5.71
Resource Recovery	0.07
Single-Family	0.24
State GO	2.82
Tobacco	5.73
Tollroad	8.47
Water / Sewer	4.37

Next Call Date	08-2023
2023	7.88
2024	8.46
2025	3.90
2026	2.52
2027	6.27
2028	8.38
2029	5.03
2030	10.01
2031	7.51
2032	9.87
2033	8.21
2035	0.21
NonCallable	21.76

L/T Credit Enhancements	08-2023
NPFG	2.23%
AGMC	6.75%
AMBAC	2.33%
AGC	4.32%
BHAC	0.86%
FGIC	0.58%

Invesco Quality Municipal Income Trust  
Ticker: IQI  
Inception Date: 09/29/1992

Objective: The Trust’s investment objective is to provide current income that is exempt from federal income tax.

Fund Investments: A diversified portfolio composed substantially of investment grade tax-exempt municipal securities.

Characteristics	08-2023
WAM	19.85
AMT Bonds	14.35
Duration (Modified)	9.49
Duration (Option Adjusted)	10.23
Leverage Adjusted OAD	14.08
Avg. Coupon	4.03
Avg. Market Price	96.91
Yield to Worst	4.60
Total Assets (MM)**	852.75
Preferred Assets (MM)	210.50
TOB Assets (MM)	80.31
Leverage (%)**	34.10
Earnings*	0.0330
UNII Balance*	-0.0582
Prerefunded	1.33

\*The undistributed net investment income balance per common share and the earnings per common share are calculated using the month-end balances of the current month. Prior to 2010, calculations were an average, which used the current and two preceding months.

\*\* As of May 2010, calculations include preferred and TOB assets. Prior to May 2010, calculations included only preferred assets.

Credit Quality (%)**	08-2023
AAA/Aaa	5.81%
AA/Aa	41.38%
A/A	20.53%
BBB/Baa	13.27%
BB/Ba	4.52%
B/B	0.81%
Not Rated	14.77%
Other***	0.32%

\*\*\*The "Other" category is rated C or CC or CCC or D.

\*\*Portfolio information is subject to change due to active management. Ratings are based on Moody’s, S&P or Fitch, as applicable. Credit ratings are based largely on the rating agency’s investment analysis at the time of rating and the rating assigned to any particular security is not necessarily a reflection of the issuer’s current financial condition. The rating assigned to a security by a rating agency does not necessarily reflect its assessment of the volatility of a security’s market value or of the liquidity of an investment in the security. If securities are rated differently by the rating agencies, the lowest rating is applied. For example; if a security is rated AAA by S&P and Fitch, and AA by Moody’s, then AA is what is represented in the weighting.

Top 5 States (%)	08-2023
California	14.88
Texas	14.49
New York	11.53
Florida	6.42
Illinois	5.63

Sectors (%)	08-2023
Airport	9.88
Appropriation	1.33
Cash	-1.41
Charter Schools	1.92
Dedicated Tax	11.18
Higher Education	3.02
Hospital	11.68
IDR / PCR	7.23
Incremental Tax	0.63
Life Care	3.67
Local GO	15.15
Multi-Family	1.61
Nursing Home	0.05
Other Revenue	4.30
Other Transportation	2.13
Other Utility	0.10
Port	0.93
Prerefunded/ETM	1.33
Public Power	4.83
Resource Recovery	0.07
Single-Family	0.24
State GO	3.06
Tobacco	5.78
Tollroad	7.11
Water / Sewer	4.20

Next Call Date	08-2023
2023	7.90
2024	6.83
2025	3.55
2026	2.56
2027	6.44
2028	8.78
2029	5.36
2030	10.79
2031	8.27
2032	10.11
2033	8.47
2035	0.22
NonCallable	20.73

L/T Credit Enhancements	08-2023
NPFG	1.52%
AGMC	5.53%
AMBAC	1.18%
AGC	4.35%

**Invesco Municipal Income Opportunities Trust**  
**Ticker: OIA**  
**Inception Date: 09/19/1988**  
**Objective: The Trust’s investment objective is to provide a high level of current income which is exempt from federal income tax.**  
**Fund Investments: A diversified portfolio composed of high yield and investment grade tax-exempt municipal securities.**

Characteristics	08-2023
WAM	22.25
AMT Bonds	9.33
Duration (Modified)	12.67
Duration (Option Adjusted)	13.13
Leverage Adjusted OAD	14.48
Avg. Coupon	4.05
Avg. Market Price	91.96
Yield to Worst	5.68
Total Assets (MM)**	411.34
Preferred Assets (MM)	30.00
TOB Assets (MM)	89.02
Leverage (%)**	28.93
Earnings*	0.0233
UNII Balance*	-0.0147
Prerefunded	2.17

\*The undistributed net investment income balance per common share and the earnings per common share are calculated using the month-end balances of the current month. Prior to 2010, calculations were an average, which used the current and two preceding months.

\*\* As of May 2010, calculations include preferred and TOB assets. Prior to May 2010, calculations included only preferred assets.

Credit Quality (%)**	08-2023
AAA/Aaa	2.88%
AA/Aa	10.40%
A/A	7.88%
BBB/Baa	13.26%
BB/Ba	18.75%
B/B	0.87%
Not Rated	43.10%
Other***	2.39%

\*\*\*The "Other" category is rated C or CC or CCC or D.

\*\*Portfolio information is subject to change due to active management. Ratings are based on Moody’s, S&P or Fitch, as applicable. Credit ratings are based largely on the rating agency’s investment analysis at the time of rating and the rating assigned to any particular security is not necessarily a reflection of the issuer’s current financial condition. The rating assigned to a security by a rating agency does not necessarily reflect its assessment of the volatility of a security’s market value or of the liquidity of an investment in the security. If securities are rated differently by the rating agencies, the lowest rating is applied. For example; if a security is rated AAA by S&P and Fitch, and AA by Moody’s, then AA is what is represented in the weighting.

Top 5 States (%)	08-2023
California	14.90
Colorado	8.38
Texas	8.11
Illinois	7.59
Florida	7.48

Sectors (%)	08-2023
Airport	2.93
Cash	0.48
Charter Schools	11.40
Dedicated Tax	15.78
Higher Education	4.91
Hospital	6.71
IDR / PCR	8.30
Incremental Tax	1.56
Life Care	12.33
Local GO	11.72
Multi-Family	0.97
Other Educ	0.30
Other Revenue	3.36
Prerefunded/ETM	2.17
Public Power	2.09
State GO	2.51
Tobacco	9.44
Tollroad	1.50
Water / Sewer	1.54

Next Call Date	08-2023
2023	16.07
2024	8.01
2025	6.46
2026	6.70
2027	11.15
2028	7.81
2029	4.32
2030	6.06
2031	2.26
2032	11.88
2033	5.63
2038	0.19
NonCallable	13.45

L/T Credit Enhancements	08-2023
NPFG	0.30%
AGMC	2.70%
AMBAC	0.12%

**Invesco Bond Fund**

Ticker: VBF

Inception Date: 10-28-1970

Objective: The Fund seeks interest income while conserving capital.

Fund Investments: The Company will attempt to achieve the investment objective through investing in a diversified portfolio of nonconvertible debt securities, primarily fixed-rate US investment grade corporate bonds.

Characteristics	08-2023
Market Value (mm)	181
Weighted Average Maturity (Years)	12.58
Effective Duration (Years)	6.72
Number of Issues	757
Earnings*	0.0677
UNII Balance*	0.0168

\*The undistributed net investment income balance per common share and the earnings per common share are calculated using the month-end balances of the current month. Prior to 2010, calculations were an average, which used the current and two preceding months.

Credit Quality (%)**	08-2023
Cash	1.18%
Treasury	0.00%
Agency	0.00%
AAA	0.00%
AA	8.52%
A	22.83%
BBB	46.12%
BB	14.50%
B	6.30%
CCC	0.34%
CC	0.02%
D	0.00%
Not Rated	0.00%
Total	100%

\*\*Portfolio information is subject to change due to active management. Ratings are based on Moody's, S&P or Fitch, as applicable. Credit ratings are based largely on the rating agency's investment analysis at the time of rating and the rating assigned to any particular security is not necessarily a reflection of the issuer's current financial condition. The rating assigned to a security by a rating agency does not necessarily reflect its assessment of the volatility of a security's market value or of the liquidity of an investment in the security. If securities are rated differently by the rating agencies, the lowest rating is applied. For example; if a security is rated AAA by S&P and Fitch, and AA by Moody's, then AA is what is represented in the weighting.

Sectors (%)***	08-2023
ABS	0.90
Banking	19.68
Basic Industry	1.73
Brokerage	2.76
Capital Goods	3.97
Communications	9.12
Consumer Cyclical	8.47
Consumer Non Cyclical	7.71
Electric	4.31
Energy	7.23
Finance Companies	2.55
Financial (Other)	0.23
Industrial (Other)	0.68
Insurance	4.13
Non-US Govt/Agy	4.26
REITs	4.72
Technology	5.30
Transportation	4.10
US Treasury	6.78
Cash	1.17
Other	0.00

\*\*\* Adoption of Invesco sector scheme as of 5/2010 data

**Invesco High Income Trust II**

Ticker: VLT

Inception Date: 4-28-1989

**Objective:** The Trust's investment objective is to provide to its common shareholders (the “Common Shareholders”) high current income, while seeking to preserve shareholders’ capital, through investment in a professionally managed, diversified portfolio of high-income producing fixed-income securities.

**Fund Investments:** The Fund will invest primarily in high income producing fixed-income securities rated in the medium and lower categories by established rating agencies, or unrated securities determined by its investment adviser, Invesco Advisers, Inc. (“Invesco” or the “Adviser”), to be of comparable quality. Medium and lower grade securities are those rated BB or lower by Standard & Poor’s Financial Services LLC, a subsidiary of The McGraw-Hill Companies, Inc. (“S&P”) or Ba or lower by Moody’s Investors Service, Inc. (“Moody’s”), or securities that are not rated by either such rating agency but are believed by the Adviser to be of comparable quality (commonly referred to as “junk bonds”). No limitation exists as to the rating category in which the Fund may invest.

Characteristics	08-2023
Market Value (mm)	74.35
Weighted Average Maturity (Years)	4.85
Effective Duration (Years)	3.35
Number of Issues	198
Leverage (%)	29%
Earnings*	0.0652
UNII Balance*	-0.2294

\*The undistributed net investment income balance per common share and the earnings per common share are calculated using the month-end balances of the current month. Prior to 2010, calculations were an average, which used the current and two preceding months.

Credit Quality (%)**	08-2023
Cash	-3.52%
A or Above	0.00%
BBB	3.70%
BB	33.08%
B	53.15%
CCC	11.64%
CC	0.82%
D	0.17%
Not Rated	0.00%
Total	99.05%

\*\*Portfolio information is subject to change due to active management. Ratings are based on Moody’s, S&P or Fitch, as applicable. Credit ratings are based largely on the rating agency’s investment analysis at the time of rating and the rating assigned to any particular security is not necessarily a reflection of the issuer’s current financial condition. The rating assigned to a security by a rating agency does not necessarily reflect its assessment of the volatility of a security’s market value or of the liquidity of an investment in the security. If securities are rated differently by the rating agencies, the lowest rating is applied. For example; if a security is rated AAA by S&P and Fitch, and AA by Moody’s, then AA is what is represented in the weighting.

Sectors (%)***	08-2023
Banking	3.48
Basic Industry	3.80
Brokerage	1.59
Capital Goods	7.24
Communications	11.27
Consumer Cyclical	25.19
Consumer Non Cyclical	8.59
Electric	2.15
Energy	16.15
Finance Companies	3.80
Financial (Other)	1.81
REITs	6.03
Technology	9.08
Transportation	2.57
Cash	-3.59
Other	0.07

\*\*\* Adoption of Invesco sector scheme as of 5/2010 data

Invesco High Income Trust II (the “Trust”) has adopted a Managed Distribution Plan (the “Plan”) whereby the Trust will increase its monthly dividend to common shareholders to a stated fixed monthly distribution amount based on a distribution rate of 8.5 percent of the closing market price per share as of August 1, 2018, the effective date of the Plan. The Plan is intended to provide shareholders with a consistent, but not guaranteed, periodic cash payment from the Trust, regardless of when or whether income is earned or capital gains are realized. If sufficient investment income is not available for a monthly distribution, the Trust will distribute long-term capital gains and/or return of capital in order to maintain its managed distribution level under the Plan. The Trust may at times distribute more than its income and net realized gains; therefore, a portion of the distribution may result in a return of capital. A return of capital may occur, for example, when some or all of the money that shareholders invested in the Trust is paid back to them. A return of capital distribution does not necessarily reflect the Trust’s investment performance and should not be confused with “yield” or “income.” No conclusions should be drawn about the Trust’s investment performance from the amount of the Trust’s distributions or from the terms of the Plan. The Plan will be subject to periodic review by the Board, and the Board may amend the terms of the Plan or terminate the Plan at any time without prior notice to the Trust’s shareholders. The amendment or termination of the Plan could have an adverse effect on the market price of the Trust’s common shares. The Trust will provide its shareholders of record on each distribution date with a Section 19 Notice disclosing the sources of its dividend payment when a distribution includes anything other than net investment income. The amounts and sources of distributions reported in 19(a) Notices are only estimates and are not being provided for tax reporting purposes. The actual amounts and sources of the amounts for tax reporting purposes will depend upon the Trust’s investment experience during its full fiscal year and may be subject to changes based on tax regulations. The Trust will send shareholders a Form 1099-DIV for the calendar year that will tell them how to report these distributions for federal income tax purposes.

Invesco Senior Income Trust

Ticker: VVR

Inception Date: 6-24-1998

Objective: The Trust’s investment objective is to provide a high level of current income, consistent with preservation of capital.

Fund Investments: Depending on current market conditions and the Fund’s outlook over time, the Fund seeks to achieve its investment objectives by opportunistically investing primarily in floating or variable senior loans of issuers which operate in a variety of industries and geographic regions.

Characteristics	08-2023
Total Assets (mm)	943.01
Preferred Shares O/S (mm)	100.00
Leverage O/S (mm)	212.00
Leverage (%)	33.09%
Net Assets (mm)	\$631.01
Avg Days to Reset	42.28
# Issuers	359
# Sectors	34
Weighted Average Spread above Base Rate	5.07%
Top 20 Issuers weightings**	35.17%
Avg loan/note holdings (mm)	\$2.69
Avg loan/note holdings (% total holdings)	0.28%
Average cost of leverage (Current month)	10.36%
Default Rate (LTM)	5.05%
Earnings*	0.0390
UNII Balance*	0.0104
Portfolio Par Value (mm)	981.56
Portfolio Market Value (mm)	893.26
Portfolio Cost	95.59
Weighted Average Holding Price	91.00

\*The undistributed net investment income balance per common share and the earnings per common share are calculated using the month-end balances of the current month. Prior to 2010, calculations were an average, which used the current and two preceding months.

\*\* Top 20 percentages are calculated based on Total Market Value of the Loan/Note Holdings. Prior to 2010, percentages were calculated based on Total Assets.

Top 5 Sectors***	08-2023
Service	15.60%
Healthcare	8.58%
Gaming/Leisure	8.35%
Manufacturing	7.45%
Chemicals	6.81%

\*\*\*\* Credit Suisse industry codes are used. Prior to Dec 2020, 34 Industries uses Standard & Poor’s sector classifications.

Moody's Credit Rating Distribution	08-2023
Baa	0.16%
Ba	10.09%
B	35.73%
Caa	6.93%
Ca	0.15%
Not rated	39.44%
Equity	7.51%
Total	100.00%

Capital Structure Distribution	08-2023
Loans - 1st Lien	84.30%
Loans - 2nd Lien	3.06%
Bonds	5.14%
Structured Products	0.00%
Equities	7.51%
Total	100.00%

Maturity Distription	08-2023
Less than 1 year	4.78%
1 to 3 years	18.99%
3 to 5 years	46.48%
5 to 10 years	29.75%
More than 10 years	0.00%
Total	100.00%

Amounts shown are based upon financial reporting data. Final determination of the source and tax status of all distributions paid in the current year will be made after year-end. Calculation is in cents per share.

Invesco High Income 2023 Target Term Fund

Ticker: IHIT

Inception Date: 11-23-2016

Objective: The Fund’s investment objectives are to provide a high level of current income and to return \$9.835 per share (the original net asset value (“NAV”) per common share before deducting offering costs of \$0.02 per share) to holders of common shares on or about December 1, 2023 (the “Termination Date”).

Fund Investments: The Fund seeks to achieve its investment objectives by primarily investing in securities collateralized by loans secured by real properties.

Characteristics	08-2023
Market Value (mm)	186
Effective Duration (Years)	1.18
Number of Issues	30
Dividend Frequency	Monthly
Next Distribution Date	8/14/2023
Leverage (%)	0%
Earnings*	0.0358
UNII Balance*	0.1910

\*The undistributed net investment income balance per common share and the earnings per common share are calculated using the month-end balances of the current month. Prior to 2010, calculations were an average, which used the current and two preceding months.

Pricing Information	Inception
NAV Per Share	9.835
Share Price	10.000
Premium/Discount	1.68%
	08-2023
NAV Per Share	7.72
Share Price	7.33
Premium/Discount	-5.05%

Credit Quality (%)**	08-2023
Cash	25.00%
AAA	1.40%
AA+	3.30%
AA	0.00%
AA-	0.00%
A+	0.00%
A	8.90%
A-	0.00%
BBB+	2.70%
BBB	11.00%
BBB-	8.70%
BB+	5.10%
BB	10.90%
BB-	5.90%
B+	1.80%
B	0.00%
B-	1.30%
CCC+	0.00%
CCC	6.30%
CCC-	0.50%
CC	0.00%
NR	7.10%
Total	100.00%

\*\* Portfolio information is subject to change due to active management. Ratings are based upon using Moody’s Investor Services, Inc. (“Moody’s”), Standard & Poor’s Ratings Services, a Standard & Poor’s Financial Services LLC business (“Standard & Poor’s” or “S&P”), Fitch Ratings, a part of the Fitch Group (“Fitch”), Kroll Bond Rating Agency, Inc. (“Kroll”), DBRS Limited (“DBRS”) and Morningstar Credit Ratings, LLC (“Morningstar”) if any of such nationally recognized statistical rating organizations (“NRSROs”) rate the security. If securities are rated differently by the rating agencies, the highest rating is applied.

Investment Sector(%)	08-2023
CMBS	66.26%
REIT Corporate Debt and Preferred	6.93%
Other	1.78%
Cash	25.03%

CMBS Property Type (%) **	08-2023
Industrial	1.09%
Lodging	13.26%
Manufactured Housing	0.43%
Mixed Use	2.34%
Multi-Family	6.17%
Office	22.67%
Other	3.21%
Retail	26.90%
Self Service	0.86%
Corporates	23.05%

\*\*Only CMBS cash (not CMBX or corporates) investments are included.

Invesco High Income 2024 Target Term Fund

Ticker: IHTA

Inception Date: 11-27-2017

Objective: The Fund’s investment objectives are to provide a high level of current income and to return \$9.835 per share (the original net asset value (“NAV”) per common share before deducting offering costs of \$0.02 per share) to holders of common shares on or about December 1, 2024 (the “Termination Date”).

Fund Investments: The Fund seeks to achieve its investment objectives by primarily investing in securities collateralized by loans secured by real properties and other real estate related debt securities.

Characteristics	08-2023
Market Value (mm)	68
Effective Duration (Years)	1.99
Number of Issues	37.00
Dividend Frequency	Monthly
Next Distribution Date	8/14/2023
Leverage (%)	29%
Earnings*	0.0412
UNII Balance*	0.4086

\*The undistributed net investment income balance per common share and the earnings per common share are calculated using the month-end balances of the current month. Prior to 2010, calculations were an average, which used the current and two preceding months.

Pricing Information	Inception
NAV Per Share	9.84
Share Price	10.00
Premium/Discount	1.68%
	08-2023
NAV Per Share	7.70
Share Price	7.12
Premium/Discount	-7.53%

Credit Quality (%)**	08-2023
Cash	5.30%
AAA	5.30%
AA+	2.30%
AA	2.80%
AA-	2.60%
A	5.20%
A-	7.50%
BBB+	0.90%
BBB	2.30%
BBB-	32.70%
BB	9.00%
BB-	1.90%
B+	0.00%
B	0.20%
B-	0.00%
CCC	0.90%
C	2.60%
NR	15.80%
Total	97%

\*\* Portfolio information is subject to change due to active management. Ratings are based upon using Moody’s Investor Services, Inc. (“Moody’s”), Standard & Poor’s Ratings Services, a Standard & Poor’s Financial Services LLC business (“Standard & Poor’s” or “S&P”), Fitch Ratings, a part of the Fitch Group (“Fitch”), Kroll Bond Rating Agency, Inc. (“Kroll”), DBRS Limited (“DBRS”) and Morningstar Credit Ratings, LLC (“Morningstar”) if any of such nationally recognized statistical rating organizations (“NRSROs”) rate the security. If securities are rated differently by the rating agencies, the highest rating is applied.

Investment Sector(%)	08-2023
CMBS **	86.60%
REIT Corporate Debt and Preferred	8.10%
Other	0.00%
Cash	5.29%

\*Includes 6.4% of CMBX which references CMBS bonds

CMBS Property Type (%) **	08-2023
Industrial	20.53%
Lodging	20.10%
Manufactured Housing	11.99%
Mixed Use	11.95%
Multi-Family	6.58%
Office	4.01%
Other	2.43%
Retail	1.17%
Self Service	1.04%
Corporates	20.19%

\*\*Only CMBS cash (not CMBX or corporates) investments are included.

## Glossary

**Weighted Average Maturity (WAM)**- For a portfolio of bonds, weighted average maturity is the weighted average of the maturities of the underlying bonds. The measure is computed by weighing each bond's maturity by its market value with respect to the portfolio and the likelihood of any of the bonds being called.

**AMT Bonds**- This number represents the percentage of bonds held in the portfolio that are subject to the AMT (Alternative Minimum Tax).

**Duration (Modified)**- A measure of the price sensitivity of a bond to interest rate movements. It is inversely proportional to the approximate percentage change in price for a given change in yield.

**Duration (Option Adjusted)**- Option Adjusted Duration is the modified duration of a bond after adjusting for any embedded optionality. The Option Adjusted measure of duration takes into account the fact that yield changes may change the expected cash flows of the bond because of the presence of an embedded option, such as a call or put.

**Effective Duration**- A duration calculation for bonds with embedded options. Effective duration takes into account that expected cash flows will fluctuate as interest rates change.

**Leverage Adjusted OAD**- Option Adjusted Duration adjusted for the additional effects of leverage from preferred shares.

**Average Coupon**- The weighted average coupon rates of all the bonds in the ladder.

**Average Market Price**- The weighted average price of the bonds in the ladder.

**Preferred Assets**- A class of ownership in a corporation that has a higher claim on the assets and earnings than common stock. Preferred stock generally has a dividend that must be paid out before dividends to common stockholders and the shares usually do not have voting rights.

**Tender Option Bond (TOB) Assets**- Obligations, also known as "put bonds" or "puttable securities," that grant the bondholder the right to require the issuer or a specified third party acting as agent for the issuer (e.g., a tender agent) to purchase the bonds, usually at par, at a certain time or times prior to maturity or upon the occurrence of specified events or conditions.

**Leverage**- The use of various financial instruments or borrowed capital, such as margin, to increase the potential return of an investment.

**Earnings**- This is the trailing 12-month total (TTM) earnings divided by the average diluted shares outstanding for the trailing 12 months.

**Undistributed Net Investment Income (UNII) Balance**- Represents the life-to-date balance of a fund's net investment income less distributions of net investment income. UNII appears as a line item on a fund's statement of changes in net assets.

**Prerefunded**- A municipal bond that is secured by an escrow fund. The escrow fund comes from the issuer floating a second bond issue and using proceeds from that second bond issue to purchase government obligations, typically treasuries. Proceeds from the second bond issue create an escrow fund to mature at the first call date of the first bond issue to "pre-refund" that issue. Bond issuers will typically do this during times of lower interest rates to lower their interest costs.

**Credit Rating**- A credit rating is an assessment provided by a nationally recognized statistical rating organization (NRSRO) of the creditworthiness of an issuer with respect to debt obligations, including specific securities, money market instruments or other debts. Ratings are measured on a scale that generally ranges from AAA (highest) to D (lowest); ratings are subject to change without notice. NR indicates the debtor was not rated, and should not be interpreted as indicating low quality. For more information on Moody's rating methodology, please visit [www.moody.com](http://www.moody.com) and select 'Rating Methodologies' under Research and Ratings on the homepage. For more information on Standard and Poor's rating methodology, please visit [www.standardandpoors.com](http://www.standardandpoors.com) and select 'Understanding Ratings' under Rating Resources on the homepage. For more information on Fitch Ratings rating methodology, please visit [www.fitchratings.com](http://www.fitchratings.com) and select 'Ratings Definitions' on the homepage. For more information on Kroll's rating methodology, please visit [www.krollbondratings.com](http://www.krollbondratings.com) and select 'Methodologies and Models' under Methodologies on the homepage. For more information on Morningstar's rating methodology, please visit [www.ratingagency.morningstar.com](http://www.ratingagency.morningstar.com) and select 'Methodologies and Guidelines' from Ratings/Surveillance on the homepage.

**Credit Enhancement**-Some municipal securities are backed by a third-party credit enhancement which backstops the primary pledge to pay principal and interest. Forms of credit enhancement include bond insurance, bank letters of credit, state school guarantees, and credit programs of federal or state governments or federal agencies. Credit enhancement serves as a secondary source of payment if the primary source of payment is insufficient.

**Yield-to-Worst (YTD)**- This is the lowest potential yield that can be received on a bond without the issuer actually defaulting. The yield to worst is calculated by making the worst-case scenario assumptions on the issue by calculating the returns that would be received if provisions, including prepayment, call or sinking fund, are used by the issuer. This metric is used to evaluate the worst-case scenario for yield to help investors manage risks and ensure that specific income requirements will still be met even in the worst scenarios.