

Invesco Van Kampen Senior Income Trust
Form N-CSR/A
May 13, 2011

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**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
FORM N-CSR/A
CERTIFIED SHAREHOLDER REPORT OF REGISTERED MANAGEMENT
INVESTMENT COMPANIES
Investment Company Act file number 811-08743
Invesco Van Kampen Senior Income Trust**

(Exact name of registrant as specified in charter)

1555 Peachtree Street, N.E., Atlanta, Georgia

30309

(Address of principal executive offices)

(Zip code)

Colin Meadows 1555 Peachtree Street, N.E., Atlanta, Georgia 30309

(Name and address of agent for service)

Registrant's telephone number, including area code: (713) 626-1919

Date of fiscal year end: 2/28

Date of reporting period: 2/28/11

The Registrant is filing this Amendment to its Certified Shareholder Report on Form N-CSR filed with the Securities and Exchange Commission on April 15, 2011 to amend Item 1 Reports to Stockholders with respect to Invesco Van Kampen Senior Income Trust's annual report. The purpose of this Amendment is to update language in the Trustees and Officers section in the annual report. This N-CSR/A also updates a footnote found under Item 8

Portfolio Managers of Closed-End Management Companies. Other than the aforementioned revision this Form N-CSR/A does not reflect events occurring after the filing of the original Form N-CSR, or modify or update the disclosures therein in any way.

Item 1. Reports to Stockholders.

Annual Report to Shareholders

February 28, 2011

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Management's Discussion of Trust Performance

Performance summary

This is the annual report for Invesco Van Kampen Senior Income Trust. Please note that the Trust's fiscal year-end has changed to February 28. Therefore, the period covered by this report is from July 31, 2010, the date of the last annual report, through February 28, 2011, the Trust's new fiscal year-end.

For the fiscal year ended February 28, 2011, Invesco Van Kampen Senior Income Trust returned 11.92% at net asset value (NAV) and 11.70% at market value.

Performance

Cumulative total returns, 7/31/10 to 2/28/11

Trust at NAV	11.92%
Trust at Market Value	11.70
Market Price Discount to NAV as of 2/28/11	-0.20

The performance data quoted represent past performance and cannot guarantee comparable future results; current performance may be lower or higher. Investment return, net asset value and common share market price will fluctuate so that you may have a gain or loss when you sell shares. Please visit invesco.com/performance for the most recent month-end performance. Performance figures reflect Trust expenses, the reinvestment of distributions (if any) and changes in net asset value (NAV) for performance based on NAV and changes in market price for performance based on market price.

Since the Trust is a closed-end management investment company, shares of the Trust may trade at a discount or premium from the NAV. This characteristic is separate and distinct from the risk that NAV could decrease as a result of investment activities and may be a greater risk to investors expecting to sell their shares after a short time. The Trust cannot predict whether shares will trade at, above or below NAV. The Trust should not be viewed as a vehicle for trading purposes. It is designed primarily for risk-tolerant long-term investors.

How we invest

We believe a highly diversified pool of bank loans from the broadest spectrum of issuers and consisting of the highest credit quality available in line with portfolio objectives may provide the best risk-to-reward potential.

Our credit analysts review all holdings and prospective holdings. Key consideration is given to the following:

Portfolio Composition*

By credit quality

Baa	2.2%
Ba	36.2
B	39.4
Caa	8.6

Ca	0.4
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Non-Rated	13.2
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* Source: Moody's. 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 C (lowest); ratings are subject to change without notice.

Non-Rated 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 moody's.com and select Rating Methodologies under Research and Ratings on the homepage.

n *Management.* Factors include direct operating experience in managing the business, management depth and incentives and track record operating in a leveraged environment.

n *Industry position and dynamics.* Factors include the company's industry position, life cycle phase of the industry, barriers to entry and current industry capacity and utilization.

Top 10 Issuers

1.	Texas Competitive Electric Holdings Co., LLC	2.7%
2.	First Data Corp.	2.5
3.	Harrah's Operating Co., Inc.	2.4
4.	Charter Communications Operating, LLC	1.6
5.	Univision Communications, Inc.	1.6
6.	Asurion Corp.	1.3
7.	HCA, Inc.	1.2
8.	Community Health Systems, Inc.	1.2
9.	Federal-Mogul Corp.	1.1
10.	Nuveen Investments, Inc.	1.0

Total Net Assets Applicable to Common Shares	\$904.6 million
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Total Number of Holdings	511
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The Trust's holdings are subject to change, and there is no assurance that the Trust will continue to hold any particular security.

n *Asset quality.* Considerations may include valuations of hard and intangible assets, how easily those assets can be converted to cash and appropriateness to leverage those assets.

- n *Divisibility.* This factor focuses on operating and corporate structures, ability to divide easily and efficiently, examination of non-core assets and valuation of multiple brand names.
- n *Sponsors.* Considerations include the firm's track record of quality transactions, access to additional capital and control or ownership of the sponsoring firm.
- n *Cash flow.* We examine the firm's sales and earnings breakdown by product, divisions and subsidiaries. We look at the predictability of corporate earnings and the cash requirements of the business and conduct an examination of the business cycles, seasonality, international pressures and so forth.
- n *Recovery and loan-to-value.* These factors focus on further examination of the default probability and the rate of recovery associated with loans.

The portfolio is constructed using a conservative bias to help manage credit risk, while focusing on optimization of return relative to appropriate benchmarks. We constantly monitor the holdings in the portfolio and conduct daily, weekly and monthly meetings with portfolio managers and analysts, as well as with borrowers and loan sponsors.

Our proprietary systems generate alert lists that trigger immediate reviews of credits when they fall below price targets, are rated BB or lower or are performing off plan. The active sell discipline considers two key factors for each portfolio position:

- n *Company objective.* Will unfavorable industry trends, poor performance or lack of access to capital cause the company to underperform?
- n *Investment objective.* Has the earnings potential or price potential been met or exceeded, or do better relative valuation opportunities exist in the market?

2 Invesco Van Kampen Senior Income Trust

Market conditions and your Trust

During the seven months covered by this report, the bank loan market continued its recovery and most of the market traded at or near what would be considered normal ranges. As discussed in the Trust's previous annual report, we attribute much of this improvement to a broader buyer base and a better balance between supply and demand. The trend also was buoyed by steady demand and strong flows into retail loan funds.

These trends pushed the prices of previously issued loans in the S&P/LSTA Leveraged Loan Index back to levels not seen since the disruption in 2008.

The bank loan market continued to become more visible and there was a greater correlation between performance and market, economic and other trends. We also saw an improvement in credit quality as evidenced by steady declines in the trailing 12-month default rate.

Furthermore, the London Interbank Offered Rate (LIBOR) component of bank loan interest payments is reset when the contracts change typically between 30 and 90 days so investors may benefit from future increases in interest rates with little or no corresponding price exposure. This is one of the unique features of the bank loan asset class and provides investors with a positive component when interest rates are rising. While historically low LIBOR rates had a negative effect on the performance of the bank loan asset class during the reporting period, we expect these rates likely will increase at some point in the future. During the reporting period, the U.S. Federal Reserve maintained an accommodative monetary policy amid concerns of a slowing economic recovery.

The Trust largely exited its positions in the directory space, a decision that helped the Trust's performance. Our exposure to broad cyclicals, including chemicals and autos, also helped performance. The decision to reduce our exposure to newspapers, part of our broad strategy to reduce risk within the Trust, hurt performance as many newspaper holdings appreciated during the reporting period.

The Trust used leverage, which enhanced returns as loan prices increased during the reporting period. Leverage involves borrowing at a floating short-term rate and investing the proceeds in investments that we believe will have returns in excess of the cost of the leverage. Unlike other fixed-income asset classes, using leverage in conjunction with senior loans does not involve the same degree of risk from rising short-term interest rates since the income from senior loans generally adjusts to changes in interest rates, as do the rates which determine the Trust's borrowing costs. The use of leverage, however, increases the Trust's volatility. (Similarly, should short-term rates fall, borrowing costs also would decline.)

During the reporting period, the Trust used derivatives to implement its investment strategy. A derivative instrument is a security whose value is derived from the value of an underlying asset, reference rate or index. The Trust uses derivative instruments for a variety of reasons, such as to attempt to protect against possible changes in market value or in an effort to generate a gain. During the reporting period, the Trust had exposure to credit default swaps in an effort to gain credit exposure. Using credit default swaps can be more liquid and cost effective than buying individual bonds or loans. While total exposure to credit default swaps was small relative to the Trust's total net assets, the impact of these transactions was favorable to overall results for the reporting period.

As always, we appreciate your continued participation in Invesco Van Kampen Senior Income Trust. *The views and opinions expressed in management's discussion of Trust performance are those of Invesco Advisers, Inc. These views and opinions are subject to change at any time based on factors such as market and economic conditions. These views and opinions may not be relied upon as investment advice or recommendations, or as an offer for a particular security. The information is not a complete analysis of every aspect of any market, country, industry, security or the Trust. Statements of fact are from sources considered reliable, but Invesco Advisers, Inc. makes no representation or warranty as to their completeness or accuracy. Although historical performance is no guarantee of future results, these insights may help you understand our investment management philosophy.*

See important Trust and index disclosures later in this report.

Thomas Ewald

Portfolio manager, is manager of Invesco Van Kampen Senior Income Trust. He has been responsible for the Trust since 2010. Mr. Ewald has been associated with Invesco or its investment advisory affiliates in an investment capacity since 2000. He earned an A.B. from Harvard College and an M.B.A. from the Darden School of Business at the

University of Virginia.

Phillip Yarrow

Chartered Financial Analyst, portfolio manager, is manager of Invesco Van Kampen Senior Income Trust.

Mr. Yarrow was associated with Van Kampen Asset Management or its investment advisory affiliates in an investment capacity from 2005 until joining Invesco in 2010. He has managed the Trust since 2007. He earned a B.S. in mathematics and economics from the University of Nottingham and an M.B.A. in finance from Northwestern University.

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Invesco Van Kampen Senior Income Trust's investment objective is to seek to provide a high level of current income, consistent with preservation of capital.

- n Unless otherwise stated, information presented in this report is as of February 28, 2011, and is based on total net assets applicable to common shares.
- n Unless otherwise noted, all data provided by Invesco.
- n To access your Trust's reports, visit invesco.com/fundreports.

Principal risks of investing in the Trust

- n The prices of securities held by the Trust may decline in response to market risks.
- n Other risks are described and defined later in this report.

About indexes used in this report

- n The **S&P/LSTA Leveraged Loan Index** is a weekly total return index that tracks the current outstanding balance and spread over LIBOR for fully funded term loans.
- n The **London Interbank Offered Rate (LIBOR)** is a daily reference rate based on the interest rates at which banks borrow unsecured funds from other banks in the London wholesale money market (or interbank lending market).
- n The Trust is not managed to track the performance of any particular index, including the index(es) defined here, and consequently, the performance of the Trust may deviate significantly from the performance of the index(es).
- n A direct investment cannot be made in an index. Unless otherwise indicated, index results include reinvested dividends, and they do not reflect sales charges. Performance of the peer group, if applicable, reflects fund expenses; performance of a market index does not.

Other information

- n The Chartered Financial Analyst® (CFA®) designation is globally recognized and attests to a charterholder's success in a rigorous and comprehensive study program in the field of investment management and research analysis.
- n The returns shown in management's discussion of Trust performance are based on net asset values calculated for shareholder transactions. Generally accepted accounting principles require adjustments to be made to the net assets of the Trust at period end for financial reporting purposes, and as such, the net asset values for shareholder transactions and the returns based on those net asset values may differ from the net asset values and returns reported in the Financial Highlights.

NOT FDIC INSURED | MAY LOSE VALUE | NO BANK GUARANTEE

NYSE Symbol

VVR

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Dividend Reinvestment Plan

The dividend reinvestment plan (the Plan) offers you a prompt and simple way to reinvest your dividends and capital gains distributions (Distributions) into additional shares of your Trust. Under the Plan, the money you earn from Distributions will be reinvested automatically in more shares of your Trust, allowing you to potentially increase your investment over time.

Plan benefits

n Add to your account

You may increase the amount of shares in your Trust easily and automatically with the Plan.

n Low transaction costs

Transaction costs are low because the new shares are generally bought in blocks and the per share fee is shared among all participants.

n Convenience

You will receive a detailed account statement from Computershare Trust Company, N.A. (the Agent) which administers the Plan. The statement shows your total Distributions, date of investment, shares acquired, and price per share, as well as the total number of shares in your reinvestment account. You can also access your account at invesco.com/us.

n Safekeeping

The Agent will hold the shares it has acquired for you in safekeeping.

How to participate in the Plan

If you own shares in your own name, you can participate directly in the Plan. If your shares are held in street name in the name of your brokerage firm, bank, or other financial institution you must instruct that entity to participate on your behalf. If they are unable to participate on your behalf, you may request that they reregister your shares in your own name so that you may enroll in the Plan.

How to enroll

To enroll in the Plan, please read the Terms and Conditions in the Plan Brochure. You can enroll in the Plan by visiting invesco.com/us, calling toll-free 800 341 2929 or notifying us in writing at Invesco Van Kampen Closed-End Funds, Computershare Trust Company, N.A., P.O. Box 43078, Providence, RI 02940-3078. Please include your Trust name and account number and ensure that all shareholders listed on the account sign these written instructions. Your participation in the Plan will begin with the next Distribution payable after the Agent receives your authorization, as long as they receive it before the record date, which is generally 10 business days before such dividend is paid. If your authorization arrives after such record date, your participation in the Plan will begin with the following Distributions.

How the Plan Works

If you choose to participate in the Plan, whenever your Trust declares such Distributions, it will be invested in additional shares of your Trust that are purchased on the open market.

Costs of the Plan

There is no direct charge to you for reinvesting Distributions because the Plan's fees are paid by your Trust. However, you will pay your portion of any per share fees incurred when the new shares are purchased on the open market. These fees are typically less than the standard brokerage charges for individual transactions, because shares are purchased for all Participants in blocks, resulting in lower fees for each individual Participant. Any per share or service fees are added to the purchase price. Per share fees include any applicable brokerage commissions the Agent is required to pay.

Tax implications

The automatic reinvestment of Distributions does not relieve you of any income tax that may be due on Distributions. You will receive tax information annually to help you prepare your federal income tax return.

Invesco does not offer tax advice. The tax information contained herein is general and is not exhaustive by nature. It was not intended or written to be used, and it cannot be used, by any taxpayer for avoiding penalties that may be imposed on the taxpayer under U.S. federal tax laws. Federal and state tax laws are complex and constantly changing. Shareholders should always consult a legal or tax adviser for information concerning their individual situation.

How to withdraw from the Plan

You may withdraw from the Plan at any time by calling 800 341 2929, visiting invesco.com/us or by writing to Invesco Van Kampen Closed-End Funds, Computershare Trust Company, N.A., P.O. Box 43078, Providence, RI 02940-3078. Simply indicate that you would like to withdraw from the Plan, and be sure to include your Trust name and account number. Also, ensure that all shareholders listed on the account have signed these written instructions. If you withdraw, you have three options with regard to the shares held in the Plan:

1. If you opt to continue to hold your non-certificated whole shares (Investment Plan Book Shares), they will be held by the Agent electronically as Direct Registration Book-Shares (Book-Entry Shares) and fractional shares will be sold at the then current market price. Proceeds will be sent via check to your address of record after deducting applicable fees.
2. If you opt to sell your shares through the Agent, we will sell all full and fractional shares and send the proceeds via check to your address of record after deducting a \$2.50 service fee and per share fees. Per share fees include any applicable brokerage commissions the Agent is required to pay.
3. You may sell your shares through your financial adviser through the Direct Registration System (DRS). DRS is a service within the securities industry that allows Trust shares to be held in your name in electronic format. You retain full ownership of your shares, without having to hold a stock certificate. You should contact your financial adviser to learn more about any restrictions or fees that may apply.

To obtain a complete copy of the Dividend Reinvestment Plan, please call our Client Services department at 800 341 2929 or visit invesco.com/us.

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Schedule of Investments*February 28, 2011*

	Coupon	Stated Maturity*	Principal Amount (000)	Value
Variable Rate** Senior Loan Interests 144.3%				
Aerospace & Defense 5.1%				
Apptis, Inc. Term Loan	4.530%	12/20/12	\$ 1,944	\$ 1,945,975
ARINC, Inc. Second Lien Term Loan	6.000%	10/25/15	1,922	1,869,600
Booz Allen Hamilton, Inc. Term Loan B	4.000%	08/03/17	2,687	2,721,043
DynCorp International, LLC Term Loan B	6.250%	07/05/16	2,560	2,588,649
IAP Worldwide Services, Inc. First Lien Term Loan ^(a)	8.250%	12/30/12	6,000	6,002,997
IAP Worldwide Services, Inc. Second Lien Term Loan ^(a)	12.500%	06/28/13	1,785	1,785,125
Primus International, Inc. Incremental Term Loan	2.760%	06/07/12	2,296	2,292,664
Scitor Corp. Term Loan B	5.750%	02/15/17	1,866	1,884,227
Sequa Corp. Term Loan	3.560%	12/03/14	5,274	5,236,729
SI Organization, Inc. New Term Loan B	4.500%	11/22/16	1,288	1,299,699
TASC, Inc. Term Loan A	5.500%	12/18/14	378	380,271
TASC, Inc. Term Loan B	5.750%	12/18/15	4,186	4,211,960
Transdigm, Inc. Term Loan B	5.250%	02/14/17	3,487	3,515,790
Triumph Group, Inc. Term Loan B	4.500%	06/16/16	3,082	3,097,247
Vangent, Inc. Term Loan B	2.320%	02/14/13	4,535	4,466,542
Wesco Aircraft Hardware Corp. Second Lien Term Loan	6.020%	03/28/14	538	539,739

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Wyle Services Corp. Incremental Term Loan	7.750%	03/25/16	2,388	2,401,847
				46,240,104
Air Transport 0.6%				
Delta Air Lines, Inc. Revolving Credit Agreement	7.375%	03/28/13	2,500	2,425,000
Delta Air Lines, Inc. Secured Term Loan	9.000%	09/27/13	3,297	3,312,496
				5,737,496
Automotive 4.6%				
Autotrader.com, Inc. New Term Loan B	4.750%	12/15/16	2,765	2,789,599
Federal-Mogul Corp. Term Loan B	2.200%	12/29/14	16,185	15,681,970
Federal-Mogul Corp. Term Loan C	2.198%	12/28/15	172	166,902
Ford Motor Co. Term Loan	3.020%	12/16/13	11,570	11,575,069
KAR Holdings, Inc. Term Loan B	3.020%	10/18/13	4,726	4,730,804
Key Safety Systems, Inc. First Lien Term Loan	2.550%	03/08/14	747	728,203
Performance Transportation Services, Inc. Letter of Credit ^{(b)(c)(d)}	3.250%	01/26/12	611	147,674
Performance Transportation Services, Inc. Term Loan ^{(b)(c)(d)}	7.500%	01/26/12	420	101,407
Pinafore, LLC Term Loan B	4.250%	09/29/16	5,778	5,829,408
				41,751,036
Beverage & Tobacco 1.6%				
DS Waters of America, Inc. Term Loan B	2.570%	10/27/12	10,013	9,875,361
DSW Holdings, Inc. Term Loan	4.311%	03/02/12	4,950	4,776,750
				14,652,111
Building & Development 3.7%				

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Axia Acquisition Corp. Second Lien Term Loan A ^{(a)(i)}	9.390%	03/11/16	1,024	932,280
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See accompanying Notes to Financial Statements which are an integral part of the financial statements.

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	Coupon	Stated Maturity*	Principal Amount (000)	Value
Building & Development (continued)				
Axia Acquisition Corp. Second Lien Term Loan B ^{(a)(i)}	3.390%	03/12/16	\$ 1,918	\$ 1,610,962
Building Materials Holding Corp. Second Lien Term Loan ^(a)	8.000%	01/05/15	1,742	1,550,624
Capital Automotive, LP Term Loan C	4.750%	12/14/12	5,146	5,358,153
CB Richard Ellis Services, Inc. New Term Loan B	3.514%	11/06/16	1,024	1,030,842
Contech Construction Products, Inc. Term Loan	5.250%	01/31/13	787	722,145
CPG International, Inc. Term Loan B	6.000%	02/18/17	1,510	1,518,971
Custom Building Products, Inc. Term Loan B	5.750%	03/19/15	3,759	3,806,089
El Ad IDB Las Vegas, LLC Term Loan A1	3.014%	08/09/12	2,500	1,562,500
Ginn LA CS Borrower First Lien Term A Credit Linked ^(c)	7.750%	06/08/11	4,714	394,821
Ginn LA CS Borrower First Lien Term Loan ^(c)	6.196%	06/08/11	10,106	846,354
Ginn LA CS Borrower Second Lien Term Loan ^(c)	10.196%	06/08/12	6,000	30,000
Kyle Acquisition Group, LLC Term Loan B ^{(c)(e)}	5.750%	07/20/09	2,200	209,000
Kyle Acquisition Group, LLC Term Loan C ^(c)	4.000%	07/20/11	3,000	285,000
Lake At Las Vegas Joint Venture, LLC Exit Revolving Credit Agreement ^{(a)(f)}	7.780%	12/31/12	79	77,171
NLV Holdings, LLC First Lien Term Loan ^{(a)(c)(d)}	5.750%	03/31/11	1,207	273,657
NLV Holdings, LLC Second Lien Term Loan ^{(a)(c)(d)}	5.250%	05/09/12	2,490	18,796
Realogy Corp. Extended Letter of Credit	4.513%	10/10/16	85	81,017
Realogy Corp. Extended Term Loan	4.562%	10/10/16	6,970	6,662,077
Realogy Corp. Letter of Credit	3.260%	10/10/13	824	792,841

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Re/Max International, Inc. Term Loan	5.500%	04/15/16	708	715,042
South Edge, LLC Term Loan A ^{(c)(e)}	5.250%	10/31/08	1,908	1,532,771
South Edge, LLC Term Loan C ^{(c)(e)}	5.500%	10/31/09	2,000	1,606,670
Tamarack Resorts, LLC Credit Lined Note A ^(c)	8.051%	05/19/11	2,400	8,256
Tamarack Resorts, LLC Term Loan ^{(c)(e)}	20.250%	07/02/09	497	447,833
Tamarack Resorts, LLC Term Loan B ^(c)	7.500%	05/19/11	3,546	12,198
WCI Communities, Inc. PIK Term Loan ^(a)	11.000%	09/02/16	1,060	1,031,968
				33,118,038
Business Equipment & Services 11.9%				
Affinion Group, Inc. Term Loan B	5.000%	10/10/16	8,729	8,798,766
Asurion Corp. First Lien Term Loan	3.270%	07/03/14	4,088	4,030,270
Asurion Corp. Incremental Term Loan B2	6.750%	03/31/15	12,366	12,555,378
Asurion Corp. Second Lien Term Loan	6.764%	07/03/15	873	871,848
Bright Horizons Family Solutions, Inc. Term Loan B	7.500%	05/28/15	2,420	2,440,271
CCC Information Services, Inc. Term Loan B	5.500%	11/11/15	581	588,336
Dealer Computer Services, Inc. Term Loan B	5.250%	04/21/17	3,940	3,973,994
First Data Corp. Delayed Draw Term Loan	3.012%	09/24/14	1,796	1,688,590
First Data Corp. Term Loan B1	3.012%	09/24/14	13,808	13,079,167
First Data Corp. Term Loan B2	3.012%	09/24/14	14,691	13,917,938
First Data Corp. Term Loan B3	3.012%	09/24/14	5,944	5,630,158
Interactive Data Corp. Term Loan B	4.750%	02/12/18	3,781	3,820,311
iPayment, Inc. Term Loan	2.290%	05/10/13	2,142	2,134,149
Kronos, Inc. Initial Term Loan	2.053%	06/11/14	2,030	2,029,341
Kronos, Inc. Second Lien Term Loan	6.053%	06/11/15	1,540	1,536,150
Mitchell International, Inc. Second Lien Term Loan	5.563%	03/30/15	3,897	3,463,177

See accompanying Notes to Financial Statements which are an integral part of the financial statements.

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	Coupon	Stated Maturity*	Principal Amount (000)	Value
Business Equipment & Services (continued)				
NCO Financial Systems Term Loan B	7.500%	05/15/13	\$ 5,086	\$ 5,056,427
Nielsen Finance, LLC Class A Term Loan	2.264%	08/09/13	2,923	2,932,882
Nielsen Finance, LLC Class C Term Loan	3.764%	05/02/16	4,586	4,611,438
Rovi Solutions Corp. Term Loan B	4.000%	02/07/18	580	584,144
SMG Holdings, Inc. Term Loan B	3.330%	07/27/14	1,923	1,850,942
Sorenson Communications, Inc. Term Loan C	6.000%	08/16/13	662	638,102
Sungard Data Systems, Inc. Add on Term Loan	3.763%	02/28/14	1,238	1,249,557
Sungard Data Systems, Inc. Revolving Credit Agreement ^(f)	0.873%	08/11/11	358	350,412
Sungard Data Systems, Inc. Term Loan B	3.930%	02/26/16	7,112	7,164,019
Verint Systems, Inc. Term Loan B	5.250%	05/25/14	2,133	2,142,476
Vertafore, Inc. Term Loan	5.250%	07/29/16	355	358,086
				107,496,329
Cable & Satellite Television 5.5%				
Atlantic Broadband Finance, LLC Term Loan B	5.000%	11/27/15	1,244	1,248,274
Bresnan Broadband Holdings, LLC Term Loan B	4.500%	12/14/17	2,343	2,363,827
Cequel Communications, LLC New Term Loan	2.263%	11/05/13	1,985	1,987,042
Charter Communications Operating, LLC Extended Term Loan	3.560%	09/06/16	18,349	18,409,026
Charter Communications Operating, LLC Third Lien Term Loan	2.762%	09/06/14	4,000	3,968,320

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CSC Holdings, Inc. Incremental B-2 Term Loan	2.012%	03/29/16	2,968	2,992,568
Knology, Inc. Term Loan B	4.000%	08/18/17	2,336	2,357,452
MCC Iowa, LLC Term Loan D2	2.010%	01/31/15	3,830	3,785,771
MCC Iowa, LLC Term Loan F	4.500%	10/23/17	1,489	1,497,872
Mediacom Illinois, LLC Term Loan C	2.010%	01/31/15	2,304	2,240,640
Mediacom Illinois, LLC Term Loan D	5.500%	03/31/17	2,102	2,121,257
Mediacom Illinois, LLC Term Loan E	4.500%	10/23/17	1,575	1,579,746
Midcontinent Communications Term Loan B	6.250%	12/31/16	3,024	3,052,708
UPC Broadband Holding, B.V. Term Loan T (Netherlands)	3.760%	12/30/16	1,856	1,865,076
				49,469,579
Chemicals & Plastics 5.5%				
Armored AutoGroup, Inc. Term Loan	6.000%	11/05/16	2,003	2,020,688
Brenntag Holdings GmbH & Co. Second Lien Term Loan (Germany)	6.453%	07/17/15	2,400	2,437,512
Cristal Inorganic Chemicals US, Inc. First Lien Term Loan	2.553%	05/15/14	2,861	2,859,399
Hexion Specialty Chemicals, Inc. Extended Term Loan C1	4.063%	05/05/15	3,683	3,679,653
Hexion Specialty Chemicals, Inc. Extended Term Loan C2	4.063%	05/05/15	1,644	1,641,990
Hexion Specialty Chemicals, Inc. Extended Term Loan C5	4.063%	05/05/15	2,476	2,475,687
Houghton International, Inc. Term Loan B	6.750%	01/29/16	1,831	1,858,183
Huntsman International, LLC Term Loan C	2.530%	06/30/16	4,062	4,072,045
MetoKote Corp. Term Loan Refinance	9.000%	11/27/11	6,548	6,548,225
Nalco Co. Term Loan B1	4.500%	10/05/17	5,477	5,559,994
Nusil Technology, LLC New Term Loan B	6.000%	02/18/15	2,099	2,109,169

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OMNOVA Solutions, Inc. Term Loan B	5.750%	05/31/17	426	431,883
PQ Corp. Term Loan B	3.540%	07/30/14	3,518	3,474,254
Rockwood Specialties Group, Inc. Term Loan B	3.750%	02/09/18	3,878	3,936,247

See accompanying Notes to Financial Statements which are an integral part of the financial statements.

8 Invesco Van Kampen Senior Income Trust

	Coupon	Stated Maturity*	Principal Amount (000)	Value
Chemicals & Plastics (continued)				
Styron S.A.R.L, LLC Term Loan B	6.000%	08/02/17	\$ 1,697	\$ 1,715,292
Univar, Inc. Term Loan B	5.000%	07/03/17	4,777	4,825,950
				49,646,171
Clothing/Textiles 1.9%				
Gold Toe Investment Corp. First Lien Term Loan B	8.500%	10/30/13	3,022	3,007,255
Gold Toe Investment Corp. Second Lien Term Loan	11.750%	04/30/14	2,750	2,534,579
Levi Strauss & Co. Term Loan	2.512%	03/27/14	4,850	4,781,809
Phillips-Van Heusen Corp. Term Loan B	5.250%	05/06/16	4,151	4,172,334
Varsity Brands, Inc. Term Loan B	2.830%	02/22/14	2,429	2,247,032
				16,743,009
Conglomerates 1.0%				
Goodman Global Holdings, Inc. First Lien Term Loan	5.750%	10/28/16	4,673	4,720,205
Goodman Global Holdings, Inc. Second Lien Term Loan	9.000%	10/30/17	568	589,009
RGIS Holdings, LLC Delayed Draw Term Loan	2.803%	04/30/14	175	170,996
RGIS Holdings, LLC Term Loan B	2.803%	04/30/14	3,499	3,419,925
				8,900,135
Containers & Glass Products 5.6%				
Anchor Glass Container Corp. First Lien Term Loan	6.000%	03/02/16	3,595	3,627,646

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Anchor Glass Container Corp. Second Lien Term Loan	10.000%	09/02/16	1,425	1,460,625
Berlin Packaging, LLC Term Loan	3.290%	08/17/14	3,389	3,291,250
Berry Plastics Group, Inc. Term Loan C	2.310%	04/03/15	3,787	3,682,231
BWAY Corp. Term Loan B	4.500%	02/23/18	2,106	2,124,353
BWAY Corp. Term Loan C	4.500%	02/23/18	187	188,607
Graham Packaging Co., L.P. Term Loan C	6.750%	04/05/14	5,540	5,579,311
Graham Packaging Co., L.P. Term Loan D	6.000%	09/23/16	2,914	2,947,396
Kranson Industries, Inc. Term Loan B	2.510%	07/31/13	6,018	5,832,130
Pelican Products, Inc. Term Loan B	5.750%	11/30/16	1,757	1,772,317
Pertus Sechszehnte GmbH Term Loan B2 (Germany)	2.639%	06/13/15	2,022	1,917,025
Pertus Sechszehnte GmbH Term Loan C2 (Germany)	2.889%	06/13/16	2,022	1,927,138
Reynolds Group Holdings, Inc. Term Loan E	4.250%	02/09/18	10,130	10,212,541
Smurfit-Stone Container Corp. Exit Term Loan B	6.750%	07/15/16	5,145	5,180,409
Tegant Corp. Second Lien Term Loan	5.810%	03/08/15	825	693,000
				50,435,979
Cosmetics/Toiletries 2.0%				
Bausch And Lomb, Inc. Delayed Draw Term Loan	3.512%	04/24/15	977	979,011
Bausch And Lomb, Inc. Term Loan	3.543%	04/24/15	4,023	4,032,089
Huish Detergents, Inc. Term Loan B	2.010%	04/26/14	4,208	4,163,290
KIK Custom Products, Inc. Canadian Term Loan	2.560%	06/02/14	394	351,106
KIK Custom Products, Inc. First Lien Term Loan	2.560%	06/02/14	2,296	2,048,116
KIK Custom Products, Inc. Second Lien Term Loan	5.303%	11/30/14	4,000	2,753,340

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9 Invesco Van Kampen Senior Income Trust

	Coupon	Stated Maturity*	Principal Amount (000)	Value
Cosmetics/Toiletries (continued)				
Marietta Intermediate Holding Corp. Term Loan B ^(a)	8.000%	02/19/15	\$ 1,662	\$ 1,512,171
Prestige Brands, Inc. Term Loan B	4.750%	03/24/16	2,029	2,045,824
				17,884,947
Drugs 2.3%				
Grifols, Inc. Term Loan B	6.000%	11/23/16	6,292	6,376,761
Nyco Holdings 2 Aps Term Loan B2 (Denmark)	4.262%	12/29/14	2,374	2,337,810
Nyco Holdings 2 Aps Term Loan C2 (Denmark)	4.762%	12/29/15	2,373	2,349,175
Nyco Holdings 3 Aps Facility A1 (Denmark)	3.512%	12/29/13	89	87,339
Nyco Holdings 3 Aps Facility A2 (Denmark)	3.512%	12/29/13	460	450,736
Nyco Holdings 3 Aps Facility A3 (Denmark)	3.512%	12/29/13	14	14,064
Nyco Holdings 3 Aps Facility A4 (Denmark)	3.512%	12/29/13	9	8,959
Nyco Holdings 3 Aps Facility A5 (Denmark)	3.512%	12/29/13	65	63,347
Warner Chilcott Co., LLC Incremental Term Loan	6.250%	04/30/15	1,534	1,549,135
Warner Chilcott Co., LLC Term Loan A	6.000%	10/30/14	2,736	2,756,050
Warner Chilcott Co., LLC Term Loan B1	6.250%	04/30/15	1,506	1,520,729
Warner Chilcott Co., LLC Term Loan B2	6.250%	04/30/15	2,507	2,532,289
Warner Chilcott Co., LLC Term Loan B3	6.500%	02/22/16	1,121	1,132,753
				21,179,147
Ecological Services & Equipment 1.4%				

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Environmental Systems Products Holdings Second Lien Term Loan	13.500%	09/12/14	1,682	1,681,985
ServiceMaster Co. Delayed Draw Term Loan	2.770%	07/24/14	605	598,617
ServiceMaster Co. Letter of Credit	2.770%	07/24/14	2,198	2,173,332
ServiceMaster Co. Term Loan	2.770%	07/24/14	6,079	6,011,117
Synagro Technologies, Inc. Second Lien Term Loan	5.020%	10/02/14	1,100	1,012,000
Synagro Technologies, Inc. Term Loan B	2.270%	04/02/14	1,015	956,056
				12,433,107
Electronics/Electrical 4.7%				
Aeroflex, Inc. Term Loan B-1	4.313%	08/15/14	872	875,727
Bentley Systems, Inc. Term Loan B	5.750%	12/29/16	1,149	1,160,704
CDW Corp. Extended Term Loan B	5.264%	07/10/17	8,690	8,707,510
CommScope, Inc. Term Loan B	5.000%	01/14/18	2,339	2,373,834
Datatel, Inc. Extended First Lien Term Loan	5.000%	02/18/17	1,201	1,208,517
Freescale Semiconductor, Inc. Extended Term Loan B	4.510%	12/01/16	7,221	7,230,425
Infor Enterprise Solutions Holdings, Inc. Extended Delayed Draw Term Loan	6.020%	07/28/15	2,149	2,127,598
Infor Enterprise Solutions Holdings, Inc. Extended Initial Term Loan	6.020%	07/28/15	4,119	4,077,897
Matinvest 2 SAS Term Loan B2 (France)	3.464%	06/23/14	701	677,182
Matinvest 2 SAS Term Loan C2 (France)	4.214%	06/22/15	701	680,468
Microsemi Corp. Term Loan B	5.000%	11/02/17	1,171	1,178,124
Open Solutions, Inc. Term Loan B	2.425%	01/23/14	6,192	5,657,755
Proquest CSA, LLC Term Loan	3.800%	02/09/14	240	239,783
Savvis Communications Corp. Term Loan	6.750%	08/04/16	1,045	1,057,088
Sensata Technologies Finance Co., LLC Term Loan	2.050%	04/26/13	828	828,400

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10 Invesco Van Kampen Senior Income Trust

	Coupon	Stated Maturity*	Principal Amount (000)	Value
Electronics/Electrical (continued)				
Spectrum Brands, Inc. Term Loan B	5.010%	06/17/16	\$ 4,026	\$ 4,073,619
				42,154,631
Farming/Agriculture 0.6%				
WM. Bolthouse Farms, Inc. New First Lien Term Loan	5.500%	02/11/16	3,516	3,553,183
WM. Bolthouse Farms, Inc. New Second Lien Term Loan	7.500%	08/11/16	1,773	1,797,466
				5,350,649
Financial Intermediaries 5.3%				
Fidelity National Information Solutions, Inc. Term Loan B	5.250%	07/18/16	6,166	6,232,636
Fifth Third Processing Solutions, LLC Second Lien Term Loan	8.250%	11/01/17	601	615,208
Fifth Third Processing Solutions, LLC Term Loan B	5.500%	11/03/16	1,757	1,773,599
Grosvenor Capital Management Holdings, LLP Extended Term Loan C	4.313%	12/05/16	4,317	4,328,082
LPL Holdings, Inc. Extended Term Loan	4.250%	06/25/15	5,011	5,042,433
LPL Holdings, Inc. Term Loan D	2.040%	06/28/13	623	624,636
Nuveen Investments, Inc. Extended Term Loan	5.800%	05/12/17	7,758	7,768,078
Nuveen Investments, Inc. Term Loan	3.300%	11/13/14	6,212	6,013,993
Oxford Acquisition III, Ltd. Term Loan (United Kingdom)	2.053%	05/12/14	4,178	4,148,842

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RJO Holdings Corp. FCM Term Loan	6.270%	12/10/15	74	67,021
RJO Holdings Corp. HoldCo Term Loan B	6.270%	12/10/15	3,472	2,546,043
Trans Union, LLC Term Loan B	4.750%	02/12/18	3,047	3,087,800
Transfirst Holdings, Inc. Second Lien Term Loan ^(a)	6.310%	06/15/15	2,654	2,517,176
Transfirst Holdings, Inc. Term Loan B	3.060%	06/15/14	2,895	2,825,042
				47,590,589

Food Products 5.6%

Advantage Sales & Marketing, Inc. Second Lien Term Loan	9.250%	06/18/18	893	911,558
Advantage Sales & Marketing, Inc. Term Loan B	5.250%	12/18/17	2,668	2,690,241
Coleman Natural Foods, LLC First Lien Term Loan	6.761%	08/22/12	6,763	6,678,887
DCI Cheese Co. Term Loan	8.000%	04/15/12	3,913	3,424,211
Dean Foods Co. Extended Term Loan B1	3.310%	04/02/16	1,427	1,423,719
Dean Foods Co. Extended Term Loan B2	3.540%	04/02/17	1,633	1,631,278
Dole Food Co., Inc. Term Loan B	5.059%	03/02/17	1,898	1,918,682
Dole Food Co., Inc. Term Loan C	5.040%	03/02/17	4,715	4,765,526
Earthbound Holdings III, LLC Term Loan B	6.750%	12/21/16	668	677,318
Farley s & Sathers Candy Co., Inc. First Lien Term Loan	7.000%	06/15/11	7,972	7,991,483
Farley s & Sathers Candy Co., Inc. Second Lien Term Loan	11.250%	01/02/12	1,200	1,194,000
Michael Foods Group, Inc. Term Loan	4.250%	02/23/18	1,892	1,511,987
Pierre Foods, Inc. First Lien Term Loan	7.000%	09/30/16	7,033	7,101,104
Pierre Foods, Inc. Second Lien Term Loan	11.250%	09/29/17	587	602,857
Pinnacle Foods Finance, LLC Term Loan B	2.760%	04/02/14	5,694	5,688,360
Pinnacle Foods Finance, LLC Term Loan D	6.000%	04/02/14	1,258	1,271,318
Windsor Quality Food Co., Ltd. Term Loan B	5.000%	02/16/17	1,357	1,366,675

50,849,204

Food Service 2.6%

Burger King Corp. Term Loan B	4.500%	10/19/16	6,094	6,138,575
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	Coupon	Stated Maturity*	Principal Amount (000)	Value
Food Service (continued)				
Center Cut Hospitality, Inc. Term Loan	9.250%	07/06/14	\$ 1,993	\$ 1,975,764
Darling International, Inc. Term Loan	5.140%	12/16/16	566	574,500
DineEquity, Inc. Term Loan B	4.250%	10/19/17	1,770	1,785,585
Dunkin' Brands, Inc. Term Loan B	4.250%	11/23/17	6,763	6,816,839
NPC International, Inc. Term Loan B	2.040%	05/03/13	3,451	3,449,027
OSI Restaurant Principal Partners, LLC Revolving Credit Agreement	2.520%	06/14/13	213	210,072
OSI Restaurant Principal Partners, LLC Term Loan B	2.625%	06/14/14	2,206	2,174,244
Wendy's/Arby's Restaurants, LLC Term Loan B	5.000%	05/24/17	773	781,935
				23,906,541
Food/Drug Retailers 3.8%				
General Nutrition Centers, Inc. Term Loan B	3.300%	09/16/13	7,402	7,405,277
NBTY, Inc. Term Loan B	6.250%	10/02/17	3,589	3,634,660
The Pantry, Inc. Delayed Draw Term Loan B	2.020%	05/15/14	914	897,964
The Pantry, Inc. Term Loan B	2.020%	05/15/14	3,176	3,118,637
Rite Aid Corp. Term Loan 3	6.000%	06/04/14	5,986	5,991,514
Rite Aid Corp. Term Loan B	2.020%	06/04/14	6,162	5,964,091
Roundy's Supermarkets, Inc. Extended Term Loan	7.000%	11/03/13	7,103	7,160,020
				34,172,163
Forest Products 1.0%				

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Ainsworth Lumber Co., Ltd. Term Loan	5.313%	06/26/14	2,400	2,404,872
Cenveo Corp. Term Loan B	6.250%	12/21/16	4,334	4,380,729
Georgia-Pacific Corp. New Term Loan B	2.300%	12/21/12	723	723,645
Verso Paper Holdings, LLC Term Loan ^(a)	6.670%	02/01/13	442	404,830
White Birch Paper Co. DIP Delayed Draw Term Loan (Canada) ^(f)	6.720%	09/30/11	212	211,303
White Birch Paper Co. DIP Term Loan B (Canada)	12.000%	09/30/11	1,296	1,292,116
				9,417,495
Health Care 13.0%				
Alere, Inc. First Lien Term Loan	2.260%	06/26/14	5,177	5,168,188
Axcan Intermediate Holdings, Inc. Term Loan B ^(f)	3.920%	02/10/17	1,122	1,126,457
Biomet, Inc. Term Loan B	3.290%	03/25/15	6,130	6,139,942
Carestream Health, Inc. Term Loan				