

Invesco Van Kampen Senior Income Trust
Form N-Q
July 29, 2011

OMB APPROVAL

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**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
FORM N-Q
QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT
INVESTMENT COMPANY
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: 5/31/11

Item 1. Schedule of Investments.

Invesco Van Kampen Senior Income Trust

Quarterly Schedule of Portfolio Holdings

May 31, 2011

invesco.com/us

VK-CE-SINC-QTR-1 05/11

Invesco Advisers, Inc.

Schedule of Investments

May 31, 2011

(Unaudited)

| Principal Amount (000) | Description | Coupon | Stated Maturity* | Value |
|-------------------------------|--|---------------|-------------------------|--------------|
| | Variable Rate** Senior Loan Interests 138.9% | | | |
| | Aerospace & Defense 3.9% | | | |
| \$ 1,938 | Apptis, Inc. Term Loan | 6.500% | 12/20/12 | \$ 1,938,484 |
| 1,922 | ARINC, Inc. Second Lien Term Loan | 6.200 | 10/25/15 | 1,874,406 |
| 2,335 | DynCorp International, LLC Term Loan B | 6.250 | 07/05/16 | 2,353,698 |
| 5,711 | IAP Worldwide Services, Inc. First Lien Term Loan (a) | 8.250 | 12/30/12 | 5,715,981 |
| 1,785 | IAP Worldwide Services, Inc. Second Lien Term Loan (a) | 12.500 | 06/28/13 | 1,896,695 |
| 2,616 | Primus International, Inc. Term Loan B | 5.500 | 06/06/14 | 2,622,587 |
| 5,274 | Sequa Corp. Term Loan | 3.500 | 12/03/14 | 5,215,423 |
| 1,285 | SI Organization, Inc. New Term Loan B | 4.500 | 11/22/16 | 1,296,360 |
| 4,713 | TASC, Inc. Term Loan B | 4.500 | 12/18/15 | 4,737,154 |
| 987 | Transdigm, Inc. Term Loan B | 4.000 | 02/14/17 | 992,059 |
| 4,505 | Vangent, Inc. Term Loan B | 2.260 | 02/14/13 | 4,448,935 |
| 2,347 | Wyle Services Corp. Term Loan B | 5.750 | 03/27/17 | 2,356,616 |
| | | | | 35,448,398 |
| | Air Transport 0.8% | | | |
| 2,893 | Delta Air Lines, Inc. New Term Loan B | 5.500 | 04/20/17 | 2,867,766 |
| 4,495 | Delta Air Lines, Inc. Term Loan B | 4.250 | 03/07/16 | 4,417,424 |
| | | | | 7,285,190 |
| | Automotive 5.6% | | | |
| 16,144 | Federal-Mogul Corp. Term Loan B | 2.150 | 12/29/14 | 15,589,731 |
| 172 | Federal-Mogul Corp. Term Loan C | 2.140 | 12/28/15 | 165,921 |

See accompanying notes which are an integral part of this schedule.

Invesco Van Kampen Senior Income Trust

| Principal Amount (000) | Description | Coupon | Stated Maturity* | Value |
|--|--|--------|---------------------|--------------|
| Automotive (continued) | | | | |
| \$ 6,917 | Ford Motor Co. Term Loan | 2.950% | 12/16/13 | \$ 6,928,676 |
| 1,497 | Hertz Corp. (The) Letter of Credit | 3.750 | 03/09/18 | 1,478,763 |
| 7,126 | Hertz Corp. (The) Term Loan B | 3.750 | 03/09/18 | 7,135,436 |
| 6,963 | KAR Holdings, Inc. Term Loan B | 5.000 | 05/19/17 | 7,018,314 |
| 4,272 | Key Safety Systems, Inc. First Lien Term Loan | 2.440 | 03/08/14 | 4,052,691 |
| 1,669 | Metaldyne Co., LLC New Term Loan B | 5.250 | 05/18/17 | 1,673,867 |
| 611 | Performance Transportation Services, Inc. Letter of Credit (b)(c)(d) | 3.250 | 01/26/12 | 147,674 |
| 420 | Performance Transportation Services, Inc. Term Loan (b)(c)(d) | 7.500 | 01/26/12 | 101,407 |
| 5,764 | Pinafore, LLC Term Loan B | 4.250 | 09/29/16 | 5,787,832 |
| | | | | 50,080,312 |
| Beverage & Tobacco 1.6% | | | | |
| 9,985 | DS Waters of America, Inc. Term Loan B | 2.441 | 10/27/12 | 9,735,729 |
| 4,950 | DSW Holdings, Inc. Term Loan | 4.191 | 03/02/12 | 4,739,625 |
| | | | | 14,475,354 |
| Building & Development 5.0% | | | | |
| 1,040 | Axia Acquisition Corp. Second Lien Term Loan A (a)(i) | 11.000 | 03/11/16 | 909,870 |
| 1,918 | Axia Acquisition Corp. Second Lien Term Loan B (i) | 5.000 | 03/12/16 | 1,582,195 |
| 1,733 | Building Materials Holding Corp. Second Lien Term Loan (a) | 8.000 | 01/05/15 | 1,555,764 |
| 8,718 | Capital Automotive, LP New Term Loan B | 5.000 | 03/10/17 | 8,719,403 |

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Invesco Van Kampen Senior Income Trust

| Principal Amount (000) | Description | Coupon | Stated Maturity* | Value |
|---|---|---------------|-------------------------|--------------|
| Building & Development (continued) | | | | |
| \$ 1,021 | CB Richard Ellis Services, Inc. New Term Loan B | 3.454% | 11/06/16 | \$ 1,024,004 |
| 1,506 | CPG International, Inc. Term Loan B | 6.000 | 02/18/17 | 1,513,758 |
| 3,759 | Custom Building Products, Inc. Term Loan B | 5.750 | 03/19/15 | 3,782,594 |
| 2,500 | El Ad IDB Las Vegas, LLC Term Loan A1 | 2.956 | 08/09/12 | 1,375,000 |
| 4,714 | Ginn LA CS Borrower, LLC First Lien Term A Credit Linked (c) | 7.750 | 06/08/11 | 388,929 |
| 10,106 | Ginn LA CS Borrower, LLC First Lien Term Loan (c) | 6.196 | 06/08/11 | 833,721 |
| 6,000 | Ginn LA CS Borrower, LLC Second Lien Term Loan (c) | 10.196 | 06/08/12 | 30,000 |
| 2,200 | Kyle Acquisition Group, LLC Term Loan B (c)(e) | 5.750 | 07/20/09 | 242,000 |
| 3,000 | Kyle Acquisition Group, LLC Term Loan C (c) | 4.000 | 07/20/11 | 330,000 |
| 106 | Lake At Las Vegas Joint Venture, LLC Exit Revolving Credit Agreement (a)(f) | 9.300 | 12/31/12 | 104,746 |
| 1,207 | NLV Holdings, LLC First Lien Term Loan (a)(c)(e)(k) | 5.750 | 03/31/11 | 267,627 |
| 2,490 | NLV Holdings, LLC Second Lien Term Loan (a)(c)(k) | 5.250 | 05/09/12 | 18,796 |
| 1,393 | Nortek, Inc. Term Loan | 5.250 | 04/26/17 | 1,397,786 |
| 688 | Realogy Corp. Extended Letter of Credit | 4.644 | 10/10/16 | 642,195 |
| 13,407 | Realogy Corp. Extended Term Loan | 4.518 | 10/10/16 | 12,509,892 |
| 1,007 | Realogy Corp. Letter of Credit | 3.244 | 10/10/13 | 961,736 |
| 1,467 | Realogy Corp. Term Loan | 3.268 | 10/10/13 | 1,401,480 |

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Invesco Van Kampen Senior Income Trust

| Principal Amount (000) | Description | Coupon | Stated Maturity* | Value |
|--|---|---------------|-----------------------------|--------------|
| Building & Development (continued) | | | | |
| \$ 659 | Re/Max International, Inc. Term Loan | 5.500% | 04/15/16 | \$ 662,330 |
| 1,908 | South Edge, LLC Term Loan A (c)(e) | 5.250 | 10/31/08 | 1,646,335 |
| 2,000 | South Edge, LLC Term Loan C (c)(e) | 5.500 | 10/31/09 | 1,725,710 |
| 2,400 | Tamarack Resorts, LLC Credit Lined Note A (c)(e) | 8.051 | 05/19/11 | 72,000 |
| 497 | Tamarack Resorts, LLC Term Loan (c)(e) | 20.250 | 07/02/09 | 447,833 |
| 3,546 | Tamarack Resorts, LLC Term Loan B (c)(e) | 7.500 | 05/19/11 | 106,380 |
| 1,085 | WCI Communities, Inc. PIK Term Loan (a) | 10.000 | 09/02/16 | 1,058,099 |
| | | | | 45,310,183 |
| Business Equipment & Services 10.8% | | | | |
| 8,707 | Affinion Group, Inc. Term Loan B | 5.000 | 10/10/16 | 8,724,660 |
| 9,257 | Asurion Corp. First Lien Term Loan | 5.500 | 05/24/18 | 9,192,331 |
| 5,048 | Asurion Corp. Second Lien Term Loan | 9.000 | 05/24/19 | 5,109,400 |
| 200 | Bright Horizons Family Solutions, Inc. Revolving Credit Agreement (f) | 5.500 | 05/28/14 | 199,230 |
| 2,387 | Bright Horizons Family Solutions, Inc. Term Loan B | 7.500 | 05/28/15 | 2,398,166 |
| 2,621 | Brock Holdings III, Inc. Term Loan B | 6.000 | 03/16/17 | 2,642,171 |
| 581 | CCC Information Services, Inc. Term Loan B | 5.500 | 11/11/15 | 584,734 |
| 1,396 | Crawford & Co. Term Loan | 5.000 | 10/30/13 | 1,398,685 |
| 2,155 | Dealer Computer Services, Inc. Term Loan B | 3.750 | 04/20/18 | 2,162,093 |

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Invesco Van Kampen Senior Income Trust

| Principal Amount (000) | Description | Coupon | Stated Maturity* | Value |
|--|---|---------------|-------------------------|--------------|
| Business Equipment & Services (continued) | | | | |
| \$ 1,686 | First Data Corp. Delayed Draw Term Loan | 2.945% | 09/24/14 | \$ 1,578,576 |
| 10,957 | First Data Corp. Term Loan B1 | 2.945 | 09/24/14 | 10,278,084 |
| 11,073 | First Data Corp. Term Loan B2 | 2.945 | 09/24/14 | 10,390,580 |
| 5,579 | First Data Corp. Term Loan B3 | 2.945 | 09/24/14 | 5,229,755 |
| 3,781 | Interactive Data Corp. Term Loan B | 4.750 | 02/12/18 | 3,794,696 |
| 3,243 | iPayment, Inc. Term Loan | 5.750 | 05/08/17 | 3,266,099 |
| 2,025 | Kronos, Inc. Initial Term Loan | 2.057 | 06/11/14 | 2,000,629 |
| 1,540 | Kronos, Inc. Second Lien Term Loan | 6.057 | 06/11/15 | 1,508,966 |
| 3,897 | Mitchell International, Inc. Second Lien Term Loan | 5.563 | 03/30/15 | 3,607,686 |
| 8,038 | NCO Financial Systems Term Loan B | 8.000 | 05/15/13 | 8,013,516 |
| 4,575 | Nielsen Finance, LLC Class C Term Loan | 3.456 | 05/02/16 | 4,573,776 |
| 1,886 | SMG Holdings, Inc. Term Loan B | 3.330 | 07/27/14 | 1,837,933 |
| 488 | SunGard Data Systems, Inc. Add on Term Loan | 3.710 | 02/28/14 | 490,610 |
| 7,112 | SunGard Data Systems, Inc. Term Loan B | 3.873 | 02/26/16 | 7,142,685 |
| 1,281 | Verint Systems, Inc. Term Loan B | 4.500 | 10/27/17 | 1,287,430 |
| 354 | Vertafore, Inc. Term Loan | 5.250 | 07/29/16 | 356,361 |
| | | | | 97,768,852 |
| Cable & Satellite Television 4.7% | | | | |
| 1,339 | Bresnan Broadband Holdings, LLC Term Loan B | 4.500 | 12/14/17 | 1,347,833 |
| | See accompanying notes which are an integral part of this schedule. | | | |
| | Invesco Van Kampen Senior Income Trust | | | |

| Principal Amount (000) | Description | Coupon | Stated Maturity* | Value |
|---|--|---------------|-------------------------|---------------|
| Cable & Satellite Television (continued) | | | | |
| \$ 14,302 | Charter Communications Operating, LLC Extended Term Loan | 3.560% | 09/06/16 | \$ 14,340,103 |
| 4,000 | Charter Communications Operating, LLC Third Lien Term Loan | 2.691 | 09/06/14 | 3,964,000 |
| 2,960 | CSC Holdings, Inc. Incremental B-2 Term Loan | 2.059 | 03/29/16 | 2,967,247 |
| 2,330 | Knology, Inc. Term Loan B | 4.000 | 08/18/17 | 2,336,996 |
| 3,820 | MCC Iowa, LLC Term Loan D-2 | 1.920 | 01/31/15 | 3,710,489 |
| 1,485 | MCC Iowa, LLC Term Loan F | 4.500 | 10/23/17 | 1,489,378 |
| 2,298 | Mediacom Illinois, LLC Term Loan C | 1.920 | 01/31/15 | 2,202,495 |
| 2,097 | Mediacom Illinois, LLC Term Loan D | 5.500 | 03/31/17 | 2,112,741 |
| 1,571 | Mediacom Illinois, LLC Term Loan E | 4.500 | 10/23/17 | 1,573,325 |
| 3,236 | Midcontinent Communications Term Loan B | 4.000 | 12/31/16 | 3,254,335 |
| 1,346 | NDS Finance Limited Term Loan B | 4.000 | 03/12/18 | 1,349,414 |
| 1,856 | UPC Broadband Holding, B.V. Term Loan T (Netherlands) | 3.711 | 12/30/16 | 1,860,685 |
| | | | | 42,509,041 |
| Chemicals & Plastics 4.5% | | | | |
| 1,998 | Armored AutoGroup Inc. Term Loan | 6.000 | 11/04/16 | 2,006,275 |
| 2,400 | Brenntag Holdings GmbH & Co. Second Lien Term Loan (Germany) | 6.433 | 07/17/15 | 2,414,004 |
| 2,853 | Cristal Inorganic Chemicals US, Inc. First Lien Term Loan | 2.557 | 05/15/14 | 2,852,172 |

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| Principal Amount (000) | Description | Coupon | Stated Maturity* | Value |
|---|--|---------------|-------------------------|--------------|
| Chemicals & Plastics (continued) | | | | |
| \$ 338 | Hexion Specialty Chemicals Inc. Extended Term Loan C1 | 4.000% | 05/05/15 | \$ 335,011 |
| 233 | Hexion Specialty Chemicals Inc. Extended Term Loan C2 | 4.063 | 05/05/15 | 230,825 |
| 299 | Hexion Specialty Chemicals, Inc. Extended Term Loan C4 | 4.060 | 05/05/15 | 299,265 |
| 2,469 | Hexion Specialty Chemicals, Inc. Extended Term Loan C5 | 4.063 | 05/05/15 | 2,469,273 |
| 2,147 | Houghton International, Inc. Term Loan B | 6.750 | 01/29/16 | 2,164,266 |
| 1,448 | Huntsman International, LLC Extended Term Loan B | 2.773 | 04/19/17 | 1,432,471 |
| 2,614 | Huntsman International, LLC Term Loan C | 2.463 | 06/30/16 | 2,581,074 |
| 6,548 | MetoKote Corp. Term Loan Refinance | 9.000 | 11/27/11 | 6,531,888 |
| 3,729 | Nalco Co. Term Loan B1 | 4.500 | 10/05/17 | 3,765,186 |
| 1,879 | Nusil Technology, LLC New Term Loan B | 5.250 | 04/07/17 | 1,887,816 |
| 425 | OMNOVA Solutions, Inc. Term Loan B | 5.750 | 05/31/17 | 430,138 |
| 770 | Potters Holdings II, LP First Lien Term Loan | 6.000 | 05/05/17 | 775,266 |
| 3,120 | PQ Corp. Term Loan B | 3.510 | 07/30/14 | 3,054,982 |
| 928 | Rockwood Specialties Group, Inc. Term Loan B | 3.750 | 02/09/18 | 935,992 |
| 6,845 | Univar, Inc. Term Loan B | 5.000 | 06/30/17 | 6,856,264 |
| | | | | 41,022,168 |
| Clothing/Textiles 0.9% | | | | |
| 4,850 | Levi Strauss & Co. Term Loan | 2.442 | 03/27/14 | 4,769,175 |
| 1,444 | Phillips-Van Heusen Corp. Term Loan B | 3.500 | 05/06/16 | 1,463,010 |

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Invesco Van Kampen Senior Income Trust

| Principal Amount (000) | Description | Coupon | Stated Maturity* | Value |
|---|---|---------------|-------------------------|--------------|
| Clothing/Textiles (continued) | | | | |
| \$ 2,429 | Varsity Brands, Inc. Term Loan B | 2.770% | 02/22/14 | \$ 2,271,324 |
| | | | | 8,503,509 |
| Conglomerates 1.0% | | | | |
| 4,662 | Goodman Global Holdings, Inc. First Lien Term Loan | 5.750 | 10/28/16 | 4,702,873 |
| 568 | Goodman Global Holdings, Inc. Second Lien Term Loan | 9.000 | 10/30/17 | 587,062 |
| 167 | RGIS Holdings, LLC Delayed Draw Term Loan | 2.805 | 04/30/14 | 164,734 |
| 3,349 | RGIS Holdings, LLC Term Loan B | 2.807 | 04/30/14 | 3,294,681 |
| | | | | 8,749,350 |
| Containers & Glass Products 4.9% | | | | |
| 3,372 | Anchor Glass Container Corp. First Lien Term Loan | 6.000 | 03/02/16 | 3,402,764 |
| 1,425 | Anchor Glass Container Corp. Second Lien Term Loan | 10.000 | 09/02/16 | 1,460,924 |
| 3,389 | Berlin Packaging, LLC Term Loan | 3.260 | 08/17/14 | 3,323,036 |
| 3,778 | Berry Plastics Group, Inc. Term Loan C | 2.260 | 04/03/15 | 3,639,500 |
| 2,101 | BWAY Corp. Term Loan B | 4.500 | 02/23/18 | 2,109,200 |
| 187 | BWAY Corp. Term Loan C | 4.500 | 02/23/18 | 187,262 |
| 6,732 | Graham Packaging Co., L.P. Term Loan C | 6.750 | 04/05/14 | 6,765,874 |
| 2,907 | Graham Packaging Co., L.P. Term Loan D | 6.000 | 09/23/16 | 2,922,363 |
| 213 | Kranson Industries, Inc. Revolving Credit Agreement (f) | 4.500 | 07/31/13 | 206,169 |
| 5,923 | Kranson Industries, Inc. Term Loan B | 2.460 | 07/31/13 | 5,767,524 |

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Invesco Van Kampen Senior Income Trust

| Principal Amount (000) | Description | Coupon | Stated Maturity* | Value |
|--|---|---------------|-------------------------|--------------|
| Containers & Glass Products (continued) | | | | |
| \$ 2,022 | Pertus Sechszehnte GmbH Term Loan B2 (Germany) | 2.568% | 06/12/15 | \$ 1,922,627 |
| 2,022 | Pertus Sechszehnte GmbH Term Loan C2 (Germany) | 2.818 | 06/13/16 | 1,932,740 |
| 770 | Ranpak Corp. Term Loan | 4.750 | 04/20/17 | 775,285 |
| 9,380 | Reynolds Group Holdings Inc. Term Loan E | 4.250 | 02/09/18 | 9,397,213 |
| 825 | Tegant Corp. Second Lien Term Loan | 5.810 | 03/08/15 | 746,625 |
| | | | | 44,559,106 |
| Cosmetics/Toiletries 1.9% | | | | |
| 682 | Bausch And Lomb, Inc. Delayed Draw Term Loan | 3.441 | 04/24/15 | 681,884 |
| 2,806 | Bausch And Lomb, Inc. Term Loan | 3.531 | 04/24/15 | 2,804,846 |
| 4,171 | Huish Detergents, Inc. Term Loan B | 2.200 | 04/26/14 | 4,029,764 |
| 393 | KIK Custom Products, Inc. Canadian Term Loan | 2.530 | 06/02/14 | 347,743 |
| 2,290 | KIK Custom Products, Inc. First Lien Term Loan | 2.530 | 06/02/14 | 2,028,501 |
| 4,000 | KIK Custom Products, Inc. Second Lien Term Loan | 5.273 | 11/30/14 | 2,997,140 |
| 1,662 | Marietta Intermediate Holding Corp. Term Loan B (a) | 8.000 | 02/19/15 | 1,512,171 |
| 1,806 | Prestige Brands, Inc. Term Loan B | 4.750 | 03/24/16 | 1,818,547 |
| 1,298 | Revlon Consumer Products Corp. New Term Loan B | 4.750 | 11/17/17 | 1,302,789 |
| | | | | 17,523,385 |
| Drugs 2.0% | | | | |
| 6,292 | Grifols, Inc. Term Loan B | 6.000 | 11/23/16 | 6,357,383 |
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| Principal Amount (000) | Description | Coupon | Stated Maturity* | Value |
|---|--|---------------|-------------------------|--------------|
| Drugs (continued) | | | | |
| \$ 2,374 | Nyco Holdings 2 Aps Term Loan B2 (Denmark) | 3.941% | 12/29/14 | \$ 2,367,376 |
| 2,373 | Nyco Holdings 2 Aps Term Loan C2 (Denmark) | 4.691 | 12/29/15 | 2,378,735 |
| 89 | Nyco Holdings 3 Aps Facility A1 (Denmark) | 3.191 | 12/29/13 | 88,954 |
| 460 | Nyco Holdings 3 Aps Facility A2 (Denmark) | 3.191 | 12/29/13 | 459,071 |
| 14 | Nyco Holdings 3 Aps Facility A3 (Denmark) | 3.191 | 12/29/13 | 14,324 |
| 9 | Nyco Holdings 3 Aps Facility A4 (Denmark) | 3.191 | 12/29/13 | 9,125 |
| 65 | Nyco Holdings 3 Aps Facility A5 (Denmark) | 3.191 | 12/29/13 | 64,518 |
| 2,923 | Warner Chilcott Co., LLC New Term Loan B1 | 4.250 | 03/15/18 | 2,933,767 |
| 1,462 | Warner Chilcott Co., LLC New Term Loan B2 | 4.250 | 03/15/18 | 1,466,883 |
| 2,010 | Warner Chilcott Co., LLC New Term Loan B3 | 4.250 | 03/15/18 | 2,016,965 |
| | | | | 18,157,101 |
| Ecological Services & Equipment 1.6% | | | | |
| 1,573 | Environmental Systems Products Holdings, Inc. Second Lien Term Loan | 13.500 | 09/12/14 | 1,573,373 |
| 1,284 | Sensus USA, Inc. First Lien Term Loan | 4.750 | 05/09/17 | 1,292,142 |
| 688 | Sensus USA, Inc. Second Lien Term Loan | 8.500 | 05/09/18 | 701,084 |
| 559 | ServiceMaster Co. Delayed Draw Term Loan | 2.700 | 07/24/14 | 546,230 |
| 2,698 | ServiceMaster Co. Letter of Credit | 2.782 | 07/24/14 | 2,638,622 |
| 5,609 | ServiceMaster Co. Term Loan | 2.740 | 07/24/14 | 5,485,057 |
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| Principal Amount (000) | Description | Coupon | Stated Maturity* | Value |
|--|---|---------------|-------------------------|--------------|
| Ecological Services & Equipment (continued) | | | | |
| \$ 1,100 | Synagro Technologies, Inc. Second Lien Term Loan | 4.950% | 10/02/14 | \$ 1,013,375 |
| 911 | Synagro Technologies, Inc. Term Loan B | 2.200 | 04/02/14 | 865,056 |
| | | | | 14,114,939 |
| Electronics/Electrical 4.6% | | | | |
| 3,575 | Aeroflex, Inc. Term Loan B-1 | 4.250 | 05/09/18 | 3,583,735 |
| 1,146 | Bentley Systems, Inc. Term Loan B | 5.750 | 12/29/16 | 1,152,070 |
| 6,754 | CDW, Corp. Extended Term Loan B | 4.500 | 07/14/17 | 6,743,456 |
| 2,339 | CommScope, Inc. Term Loan B | 5.000 | 01/14/18 | 2,356,137 |
| 1,198 | Datatel, Inc. Extended First Lien Term Loan | 5.000 | 02/20/17 | 1,203,005 |
| 7,199 | Freescale Semiconductor, Inc. Extended Term Loan B | 4.461 | 12/01/16 | 7,181,963 |
| 2,143 | Infor Enterprise Solutions Holdings, Inc. Extended Delayed Draw Term Loan | 5.950 | 07/28/15 | 2,098,690 |
| 4,108 | Infor Enterprise Solutions Holdings, Inc. Extended Initial Term Loan | 5.950 | 07/28/15 | 4,022,489 |
| 701 | Matinvest 2 SAS Term Loan B2 (France) | 3.464 | 06/23/14 | 694,711 |
| 701 | Matinvest 2 SAS Term Loan C2 (France) | 4.214 | 06/22/15 | 697,990 |
| 1,168 | Microsemi Corp. Term Loan B | 4.000 | 11/02/17 | 1,174,210 |
| 6,176 | Open Solutions, Inc. Term Loan B | 2.395 | 01/23/14 | 5,438,491 |
| 232 | Proquest CSA, LLC Term Loan | 3.800 | 02/09/14 | 232,408 |
| 1,134 | Sensata Technologies Finance Co., LLC New Term Loan | 4.000 | 05/11/18 | 1,137,728 |

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| Principal Amount (000) | Description | Coupon | Stated Maturity* | Value |
|-------------------------------|---|---------------|-------------------------|--------------|
| | Electronics/Electrical (continued) | | | |
| \$ 3,909 | Spectrum Brands, Inc. Term Loan B | 5.000% | 06/17/16 | \$ 3,948,711 |
| | | | | 41,665,794 |
| | Farming/Agriculture 0.6% | | | |
| 3,481 | WM. Bolthouse Farms, Inc. New First Lien Term Loan | 5.500 | 02/11/16 | 3,508,036 |
| 1,773 | WM. Bolthouse Farms, Inc. New Second Lien Term Loan | 9.500 | 08/11/16 | 1,800,054 |
| | | | | 5,308,090 |
| | Financial Intermediaries 4.9% | | | |
| 5,400 | Fidelity National Information Solutions, Inc. Term Loan B | 5.250 | 07/18/16 | 5,433,914 |
| 3,242 | Fifth Third Processing Solutions, LLC Term Loan B1 | 4.500 | 11/03/16 | 3,250,616 |
| 4,317 | Grosvenor Capital Management Holdings, LLP Extended Term Loan C | 4.250 | 12/05/16 | 4,317,289 |
| 4,998 | LPL Holdings, Inc. Extended Term Loan | 4.250 | 06/25/15 | 5,038,726 |
| 622 | LPL Holdings, Inc. Term Loan D | 2.020 | 06/28/13 | 625,618 |
| 1,526 | MoneyGram International, Inc. Term Loan B | 4.500 | 11/17/17 | 1,534,569 |
| 7,758 | Nuveen Investments, Inc. Extended Term Loan | 5.790 | 05/12/17 | 7,806,249 |
| 6,212 | Nuveen Investments, Inc. Term Loan | 3.292 | 11/13/14 | 6,136,773 |
| 74 | RJO Holdings Corp. FCM Term Loan | 6.210 | 12/10/15 | 67,021 |
| 3,472 | RJO Holdings Corp. HoldCo Term Loan B | 6.210 | 12/10/15 | 2,738,437 |
| 1,830 | Trans Union, LLC Term Loan B | 4.750 | 02/12/18 | 1,841,124 |

See accompanying notes which are an integral part of this schedule.

Invesco Van Kampen Senior Income Trust

| Principal Amount (000) | Description | Coupon | Stated Maturity* | Value |
|---|---|---------------|-------------------------|--------------|
| Financial Intermediaries (continued) | | | | |
| \$ 2,654 | Transfirst Holdings, Inc. Second Lien Term Loan (a) | 6.310% | 06/15/15 | \$ 2,514,973 |
| 2,872 | Transfirst Holdings, Inc. Term Loan B | 3.060 | 06/15/14 | 2,808,817 |
| | | | | 44,114,126 |
| Food Products 4.5% | | | | |
| 1,335 | Acosta, Inc. Term Loan B | 4.750 | 03/01/18 | 1,339,517 |
| 893 | Advantage Sales & Marketing, Inc. Second Lien Term Loan | 9.250 | 06/18/18 | 912,111 |
| 2,661 | Advantage Sales & Marketing, Inc. Term Loan B | 5.250 | 12/18/17 | 2,675,319 |
| 1,923 | Dean Foods Co. Extended Term Loan B1 | 3.560 | 04/02/16 | 1,902,732 |
| 1,629 | Dean Foods Co. Extended Term Loan B2 | 3.720 | 04/02/17 | 1,609,538 |
| 8,133 | Del Monte Foods Co. New Term Loan | 4.500 | 03/08/18 | 8,142,824 |
| 1,856 | Dole Food Co. Inc. Term Loan B | 5.050 | 03/02/17 | 1,868,832 |
| 4,610 | Dole Food Co. Inc. Term Loan C | 5.090 | 03/02/17 | 4,641,710 |
| 2,637 | Farley s & Sathers Candy Co., Inc. Term Loan | 6.500 | 03/30/18 | 2,656,620 |
| 7,015 | Pierre Foods, Inc. First Lien Term Loan | 7.000 | 09/30/16 | 7,111,789 |
| 587 | Pierre Foods, Inc. Second Lien Term Loan | 11.250 | 09/29/17 | 604,081 |
| 5,694 | Pinnacle Foods Holdings Corp. Term Loan B | 2.711 | 04/02/14 | 5,661,426 |
| 1,258 | Pinnacle Foods Holdings Corp. Term Loan D | 6.000 | 04/02/14 | 1,274,344 |
| | | | | 40,400,843 |
| Food Service 2.0% | | | | |
| 6,078 | Burger King Corp. Term Loan B | 4.500 | 10/19/16 | 6,073,205 |

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Invesco Van Kampen Senior Income Trust

| Principal Amount (000) | Description | Coupon | Stated Maturity* | Value |
|---------------------------------|---|---------------|-------------------------|--------------|
| Food Service (continued) | | | | |
| \$ 1,971 | Center Cut Hospitality, Inc. Term Loan | 9.250% | 07/06/14 | \$ 1,959,884 |
| 212 | Darling International Inc. Term Loan | 5.000 | 12/16/16 | 214,376 |
| 3,439 | Dunkin Brands, Inc. Term Loan B | 4.250 | 11/23/17 | 3,449,277 |
| 3,451 | NPC International, Inc. Term Loan B | 1.960 | 05/03/13 | 3,433,928 |
| 213 | OSI Restaurant Principaltners, LLC Revolving Credit Agreement | 3.540 | 06/14/13 | 207,640 |
| 2,199 | OSI Restaurant Principaltners, LLC Term Loan B | 2.500 | 06/14/14 | 2,142,274 |
| 16 | Sbarro, Inc. Delayed Draw Term Loan (f) | 4.750 | 10/05/11 | 16,510 |
| 36 | Sbarro, Inc. DIP Term Loan | 8.750 | 10/05/11 | 36,321 |
| 8 | Sbarro, Inc. Second Lien Term Loan | 8.750 | 10/05/11 | 7,704 |
| 733 | Wendy s/Arby s Restaurants, LLC Term Loan B | 5.000 | 05/24/17 | 736,851 |
| | | | | 18,277,970 |
| Food/Drug Retailers 3.9% | | | | |
| 5,259 | General Nutrition Centers, Inc. Term Loan B | 4.250 | 03/02/18 | 5,273,250 |
| 3,822 | NBTY, Inc. Term Loan B | 4.250 | 10/02/17 | 3,826,163 |
| 130 | Pantry, Inc. (The) Delayed Draw Term Loan B | 1.950 | 05/15/14 | 128,598 |
| 450 | Pantry, Inc. (The) Term Loan B | 1.950 | 05/15/14 | 446,612 |
| 5,780 | Rite Aid Corp. Term Loan 5 | 4.500 | 02/28/18 | 5,726,499 |
| 5,989 | Rite Aid Corp. Term Loan B | 1.950 | 06/04/14 | 5,762,638 |
| 7,085 | Roundy s Supermarkets, Inc. Extended Term Loan | 7.000 | 11/03/13 | 7,109,776 |

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Invesco Van Kampen Senior Income Trust

| Principal Amount (000) | Description | Coupon | Stated Maturity* | Value |
|--|---|---------------|-----------------------------|--------------|
| Food/Drug Retailers (continued) | | | | |
| \$ 7,068 | Supervalu, Inc. Term Loan B3 | 4.500% | 04/28/18 | \$ 7,004,632 |
| | | | | 35,278,168 |
| Forest Products 1.1% | | | | |
| 2,400 | Ainsworth Lumber Co, Ltd. Term Loan | 5.250 | 06/26/14 | 2,400,996 |
| 4,323 | Cenveo Corp. Term Loan B | 6.250 | 12/21/16 | 4,362,147 |
| 450 | Verso Paper Holding, LLC Term Loan (a) | 6.650 | 02/01/13 | 431,903 |
| 212 | White Birch Paper Co. DIP Delayed Draw Term Loan (Canada) (f) | 6.720 | 09/30/11 | 210,773 |
| 1,296 | White Birch Paper Co. DIP Term Loan B (Canada) | 12.000 | 09/30/11 | 1,288,875 |
| 903 | Xerium Technologies, Inc. New Term Loan B | 5.500 | 05/22/17 | 909,998 |
| | | | | 9,604,692 |
| Health Care 12.3% | | | | |
| 4,756 | Alere, Inc. First Lien Term Loan | 2.200 | 06/26/14 | 4,708,462 |
| 6,114 | Biomet Inc. Term Loan B | 3.280 | 03/25/15 | 6,095,187 |
| 7,643 | Carestream Health, Inc. Term Loan B | 5.000 | 02/25/17 | 7,286,927 |
| 501 | Community Health Systems, Inc. Delayed Draw Term Loan | 2.500 | 07/25/14 | 485,119 |
| 7,380 | Community Health Systems, Inc. Extended Term Loan B | 3.750 | 01/25/17 | 7,217,674 |
| 10,055 | Community Health Systems, Inc. Term Loan | 2.500 | 07/25/14 | 9,735,984 |
| 764 | DaVita, Inc. New Term Loan B | 4.500 | 10/20/16 | 771,051 |
| 898 | DJO Finance, LLC New Term Loan B | 3.191 | 05/20/14 | 894,973 |
| 4,494 | Drumm Investors, LLC Term Loan | 5.000 | 05/04/18 | 4,432,048 |

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Invesco Van Kampen Senior Income Trust

| Principal Amount (000) | Description | Coupon | Stated Maturity* | Value |
|--------------------------------|--|---------------|-------------------------|--------------|
| Health Care (continued) | | | | |
| \$ 5,109 | DSI Renal, Inc. Term Loan (a) | 8.500% | 03/31/13 | \$ 5,188,934 |
| 424 | Genoa Healthcare Group, LLC Term Loan B | 5.500 | 08/10/12 | 413,885 |
| 3,535 | Gentiva Health Services, Inc. New Term Loan B | 4.750 | 08/17/16 | 3,549,215 |
| 613 | Harlan Laboratories, Inc. Term Loan B | 3.730 | 07/11/14 | 570,487 |
| 4,972 | HCA, Inc. Extended Term Loan B2 | 3.557 | 03/31/17 | 6,855,925 |
| 8,809 | HCA, Inc. Extended Term Loan B3 | 3.557 | 05/01/18 | 6,841,624 |
| 3,696 | HCR Healthcare, LLC New Term Loan | 5.000 | 04/06/18 | 3,657,802 |
| 6,250 | Health Management Associates, Inc. Term Loan B | 2.057 | 02/28/14 | 6,117,406 |
| 7,244 | IMS Health, Inc. New Term Loan B | 4.500 | 08/25/17 | 7,280,182 |
| 4,076 | Rehabcare Group, Inc. Term Loan B | 6.250 | 11/24/15 | 4,085,396 |
| 1,168 | Rural/Metro Operating Co., LLC Term Loan B | 6.000 | 11/24/16 | 1,181,512 |
| 1,395 | Select Medical Corp. Term Loan B | 2.170 | 02/24/12 | 1,391,937 |
| 2,445 | Skilled Healthcare Group, Inc. Term Loan B | 5.250 | 04/08/16 | 2,446,330 |
| 2,291 | Sun Healthcare Group Inc. Term Loan B | 7.500 | 10/15/16 | 2,282,895 |
| 1,926 | Surgery Center Holdings, Inc. Term Loan B | 6.500 | 02/06/17 | 1,948,249 |
| 10,081 | Surgical Care Affiliates, Inc. Term Loan | 2.307 | 12/29/14 | 9,860,073 |
| 1,851 | TriZetto Group, Inc. Term Loan B | 4.750 | 05/02/18 | 1,853,446 |

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Invesco Van Kampen Senior Income Trust

| Principal Amount (000) | Description | Coupon | Stated Maturity* | Value |
|----------------------------------|--|---------------|-------------------------|--------------|
| Health Care (continued) | | | | |
| \$ 174 | United Surgical Partners, International, Inc. Delayed Draw Term Loan | 2.220% | 04/21/14 | \$ 171,336 |
| 3,248 | United Surgical Partners, International, Inc. Term Loan B | 2.250 | 04/19/14 | 3,199,007 |
| 928 | Universal Health Services, Inc. New Term Loan B | 4.000 | 11/15/16 | 932,874 |
| | | | | 111,455,940 |
| Home Furnishings 1.0% | | | | |
| 915 | Brown Jordan International, Inc. Term Loan | 6.200 | 04/30/12 | 896,560 |
| 182 | Hunter Fan Co. Revolving Credit Agreement (f) | 2.250 | 04/16/13 | 164,062 |
| 1,000 | Hunter Fan Co. Second Lien Term Loan | 6.960 | 10/16/14 | 871,665 |
| 953 | Hunter Fan Co. Term Loan | 2.700 | 04/16/14 | 917,592 |
| 2,544 | Mattress Holdings Corp. Term Loan B | 2.560 | 01/18/14 | 2,436,118 |
| 3,423 | National Bedding Co., LLC Second Lien Term Loan | 5.313 | 02/28/14 | 3,367,760 |
| | | | | 8,653,757 |
| Industrial Equipment 1.6% | | | | |
| 2,722 | Bucyrus International, Inc. Term Loan | 4.250 | 02/19/16 | 2,727,391 |
| 1,095 | JMC Steel Group, Inc. Term Loan | 4.750 | 04/03/17 | 1,107,691 |
| 1,288 | Manitowoc Co., Inc. Term Loan B | 4.250 | 11/13/17 | 1,295,768 |
| 2,704 | Mold-Masters Luxembourg Holdings, S.A. Term Loan | 3.813 | 10/10/14 | 2,651,247 |

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Invesco Van Kampen Senior Income Trust

| Principal Amount (000) | Description | Coupon | Stated Maturity* | Value |
|---|--|---------------|-------------------------|--------------|
| Industrial Equipment (continued) | | | | |
| \$ 511 | MW Industries, Inc. Acquisition Term Loan | 7.250% | 11/01/13 | \$ 419,222 |
| 3,987 | MW Industries, Inc. Term Loan | 7.250 | 11/01/13 | 3,272,564 |
| 3,020 | Polypore, Inc. Incremental Term Loan | 2.200 | 07/03/14 | 2,994,014 |
| | | | | 14,467,897 |
| Insurance 2.4% | | | | |
| 2,688 | Alliant Holdings I, Inc. Term Loan B | 3.307 | 08/21/14 | 2,662,277 |
| 1,024 | Alliant Holdings I, Inc. Term Loan D | 6.750 | 08/21/14 | 1,030,550 |
| 6,780 | AmWins Group, Inc. First Lien Term Loan | 2.780 | 06/08/13 | 6,711,227 |
| 825 | HMSC Corp. Second Lien Term Loan | 5.692 | 10/03/14 | 619,781 |
| 2,675 | Sedgwick CMS Holdings, Inc. New Term Loan | 5.000 | 12/30/16 | 2,680,206 |
| 2,800 | Sedgwick CMS Holdings, Inc. Second Lien Term Loan | 9.000 | 05/26/17 | 2,821,000 |
| 4,940 | USI Holdings Corp. Term Loan | 2.700 | 05/05/14 | 4,856,333 |
| | | | | 21,381,374 |
| Leisure Goods/Activities/Movies 3.7% | | | | |
| 2,444 | 24 Hour Fitness Worldwide, Inc. Term Loan | 6.750 | 04/22/16 | 2,441,655 |
| 1,350 | Alpha Topco, Ltd. Second Lien Term Loan (United Kingdom) | 3.960 | 06/30/14 | 1,320,678 |
| 4,117 | Alpha Topco, Ltd. Term Loan B1 (United Kingdom) | 2.707 | 12/31/13 | 4,031,291 |
| 2,781 | Alpha Topco, Ltd. Term Loan B2 (United Kingdom) | 2.707 | 12/31/13 | 2,723,022 |

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Invesco Van Kampen Senior Income Trust

| Principal Amount (000) | Description | Coupon | Stated Maturity* | Value |
|--|---|---------------|-------------------------|--------------|
| Leisure Goods/Activities/Movies (continued) | | | | |
| \$ 908 | Bombardier Recreational Products, Inc. Term Loan (Canada) | 2.790% | 06/28/13 | \$ 898,001 |
| 2,160 | Cedar Fair, L.P. Term Loan B | 4.000 | 12/15/17 | 2,173,378 |
| 2,055 | Fender Musical Instruments Corp. Delayed Draw Term Loan | 2.450 | 06/09/14 | 1,996,138 |
| 4,067 | Fender Musical Instruments Corp. Term Loan B | 2.450 | 06/09/14 | 3,951,167 |
| 313 | Hicks Sporting Group, LLC Term Loan (f) | 14.005 | 06/30/11 | 315,870 |
| 2,907 | Live Nation Entertainment, Inc. Term Loan B | 4.500 | 11/07/16 | 2,919,722 |
| 1,842 | Playcore Holdings, Inc. Term Loan B | 4.750 | 02/21/14 | 1,796,108 |
| 1,420 | Regal Cinemas, Inc. Term Loan B | 3.557 | 08/23/17 | 1,419,523 |
| 7,249 | Sabre Holdings Corp. Term Loan B | 2.210 | 09/30/14 | 6,532,433 |
| 668 | SRAM, LLC Term Loan B | 5.030 | 04/30/15 | 669,421 |
| 361 | Universal City Development Partners, Ltd. New Term Loan B | 5.500 | 11/06/14 | 364,320 |
| | | | | 33,552,727 |
| Lodging & Casinos 9.0% | | | | |
| 854 | Ameristar Casinos, Inc. Term Loan B | 4.000 | 04/13/18 | 857,860 |
| 4,244 | Boyd Gaming Corp. Extended Revolving Credit Agreement | 1.816 | 12/17/15 | 3,887,553 |
| 5,500 | Boyd Gaming Corp. Revolving Credit Agreement | 1.625 | 05/24/12 | 5,362,500 |
| 2,625 | Boyd Gaming Corp. Term Loan | 3.691 | 12/17/15 | 2,075,424 |

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Invesco Van Kampen Senior Income Trust

| Principal Amount (000) | Description | Coupon | Stated Maturity* | Value |
|--|--|---------------|-------------------------|--------------|
| Lodging & Casinos (continued) | | | | |
| \$ 2,266 | Cannery Casino Resorts, LLC Delayed Draw Term Loan | 4.443% | 05/20/13 | \$ 2,243,631 |
| 748 | Cannery Casino Resorts, LLC Revolving Credit Agreement (f) | 3.310 | 05/18/12 | 734,122 |
| 500 | Cannery Casino Resorts, LLC Second Lien Term Loan | 4.443 | 05/16/14 | 474,375 |
| 2,740 | Cannery Casino Resorts, LLC Term Loan B | 4.443 | 05/17/13 | 2,713,054 |
| 5,254 | CCM Merger Corp. New Term Loan B | 7.000 | 03/01/17 | 5,345,281 |
| 319 | Chester Downs And Marina, LLC Incremental Term Loan | 12.375 | 07/29/16 | 326,427 |
| 1,983 | Golden Nugget, Inc. New Delayed Draw Term Loan (a) | 3.200 | 06/30/14 | 1,750,474 |
| 3,484 | Golden Nugget, Inc. Term Loan B (a) | 3.200 | 06/30/14 | 3,075,138 |
| 494 | Harrah s Operating Co., Inc. Incremental Term Loan B4 | 9.500 | 10/31/16 | 525,098 |
| 15,728 | Harrah s Operating Co., Inc. Term Loan B1 | 3.274 | 01/28/15 | 14,625,186 |
| 5,356 | Harrah s Operating Co., Inc. Term Loan B2 | 3.250 | 01/28/15 | 4,980,902 |
| 8,640 | Harrah s Operating Co., Inc. Term Loan B3 | 3.270 | 01/28/15 | 8,034,388 |
| 4,072 | Isle of Capri Casinos, Inc. New Term Loan B | 4.750 | 03/24/17 | 4,093,466 |
| 869 | Las Vegas Sands, LLC/Venetian Casino Delayed Draw Term Loan | 2.000 | 05/23/14 | 855,626 |
| 155 | Las Vegas Sands, LLC/Venetian Casino Extended Delayed Draw Term Loan | 3.000 | 11/23/16 | 152,264 |

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Invesco Van Kampen Senior Income Trust

| Principal Amount (000) | Description | Coupon | Stated Maturity* | Value |
|--|--|---------------|-------------------------|--------------|
| Lodging & Casinos (continued) | | | | |
| \$ 1,090 | Las Vegas Sands, LLC/Venetian Casino Extended Delayed Draw Term Loan 2 | 3.000% | 11/23/15 | \$ 1,073,464 |
| 2,856 | Las Vegas Sands, LLC/Venetian Casino Extended Term Loan B | 3.000 | 11/23/16 | 2,812,272 |
| 2,025 | Las Vegas Sands, LLC/Venetian Casion Term Loan B | 2.000 | 05/23/14 | 1,994,699 |
| 1,056 | Magnolia Hill, LLC Delayed Draw Term Loan | 3.450 | 10/30/13 | 944,800 |
| 3,005 | Magnolia Hill, LLC Term Loan | 3.450 | 10/30/13 | 2,689,047 |
| 3,750 | Twin River Worldwide Holdings, Inc. Term Loan | 8.500 | 11/05/15 | 3,768,736 |
| 172 | Venetian Macau, Ltd. Delayed Draw Term Loan B | 4.700 | 05/25/12 | 172,705 |
| 3,347 | Venetian Macau, Ltd. New Project Term Loan | 4.700 | 05/27/13 | 3,351,133 |
| 2,260 | Venetian Macau, Ltd. Term Loan B | 4.700 | 05/27/13 | 2,262,749 |
| | | | | 81,182,374 |
| Nonferrous Metals/Minerals 0.8% | | | | |
| 4,842 | Novelis, Inc. New Term Loan B | 4.000 | 03/10/17 | 4,866,821 |
| 2,254 | Walter Energy, Inc. Term Loan B | 4.000 | 04/02/18 | 2,262,875 |
| | | | | 7,129,696 |
| Oil & Gas 2.7% | | | | |
| 905 | Big West Oil, LLC New Term Loan | 7.000 | 03/31/16 | 916,321 |
| 4,301 | CCS, Inc. Term Loan B | 3.242 | 11/14/14 | 4,132,159 |
| 1,275 | Citgo Petroleum Corp. Term Loan B | 8.000 | 06/24/15 | 1,304,491 |
| 3,949 | Dynegy Holdings, Inc. Synthetic Letter of Credit | 4.030 | 04/02/13 | 3,917,697 |

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Invesco Van Kampen Senior Income Trust

| Principal Amount (000) | Description | Coupon | Stated Maturity* | Value |
|----------------------------------|---|---------------|-------------------------|--------------|
| Oil & Gas (continued) | | | | |
| \$ 250 | Dynegy Holdings, Inc. Term Loan B | 4.030% | 04/02/13 | \$ 247,781 |
| 3,678 | Obsidian Natural Gas Trust Term Loan (United Kingdom) | 7.000 | 11/02/15 | 3,751,886 |
| 2,800 | RAM Energy Resources, Inc. Second Lien Term Loan | 11.000 | 09/13/16 | 2,827,681 |
| 4,469 | Western Refining, Inc. New Term Loan B | 7.500 | 03/15/17 | 4,570,397 |
| 2,638 | Willbros United States Holdings, Inc. Term Loan B | 9.500 | 06/30/14 | 2,658,895 |
| | | | | 24,327,308 |
| Publishing 6.5% | | | | |
| 982 | Cengage Learning Acquisitions, Inc. Incremental Term Loan | 7.500 | 07/03/14 | 986,704 |
| 11,672 | Cengage Learning Acquisitions, Inc. Term Loan | 2.440 | 07/03/14 | 10,907,634 |
| 3,967 | Cygnus Business Media, Inc. Term Loan (a)(i) | 9.750 | 06/30/13 | 2,479,348 |
| 3,489 | Endurance Business Media, Inc. First Lien Term Loan (i) | 6.500 | 12/15/14 | 1,308,558 |
| 4,430 | F&W Media, Inc. Term Loan | 7.750 | 06/09/14 | 4,053,411 |
| 591 | Gatehouse Media, Inc. Delayed Draw Term Loan | 2.200 | 08/28/14 | 224,722 |
| 920 | Gatehouse Media, Inc. Term Loan B | 2.200 | 08/28/14 | 350,259 |
| 7,793 | Getty Images, Inc. New Term Loan | 5.250 | 11/07/16 | 7,856,388 |
| 4,116 | Harland Clarke Holdings Corp. Term Loan B | 2.770 | 06/30/14 | 3,819,558 |
| 467 | Knowledgepoint360 Group, LLC First Lien Term Loan | 3.520 | 04/14/14 | 441,652 |
| 1,000 | Knowledgepoint360 Group, LLC Second Lien Term Loan | 7.261 | 04/13/15 | 850,000 |

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Invesco Van Kampen Senior Income Trust

| Principal Amount (000) | Description | Coupon | Stated Maturity* | Value |
|------------------------------------|---|---------------|-------------------------|--------------|
| Publishing (continued) | | | | |
| \$ 1,769 | MC Communications, LLC Term Loan (a) | 6.750% | 12/31/12 | \$ 344,869 |
| 2,185 | Medianews Group New Term Loan | 8.500 | 03/19/14 | 2,191,992 |
| 3,373 | Merrill Communications, LLC Second Lien Term Loan (a) | 13.760 | 11/15/13 | 3,368,025 |
| 5,084 | Network Communications, Inc. Term Loan | 5.500 | 11/29/13 | 3,533,039 |
| 19,779 | Tribune Co. Term Loan B (c)(d) | 5.250 | 06/04/14 | 13,511,609 |
| 1,544 | Yell Group PLC New Term Loan A3 (United Kingdom) | 3.691 | 04/30/14 | 661,037 |
| 4,826 | Yell Group PLC New Term Loan B1 (United Kingdom) | 3.941 | 07/31/14 | 2,013,766 |
| | | | | 58,902,571 |
| Radio & Television 8.1% | | | | |
| 824 | Barrington Broadcasting Group LLC Term Loan | 4.499 | 08/12/13 | 800,325 |
| 1,091 | Citadel Broadcasting Corp. New Term Loan B | 4.250 | 12/30/16 | 1,092,845 |
| 18,324 | Clear Channel Communications, Inc. Term Loan B | 3.841 | 01/28/16 | 16,102,651 |
| 6,799 | CMP KC, LLC Term Loan (c) | 6.250 | 06/03/11 | 1,019,814 |
| 9,639 | CMP Susquehanna Corp. Term Loan | 2.250 | 05/05/13 | 9,518,785 |
| 2,547 | FoxCo Acquisition Sub, LLC Term Loan B | 4.750 | 07/14/15 | 2,557,671 |
| 2,247 | Harron Communications, L.P. Term Loan B | 5.250 | 10/06/17 | 2,260,294 |
| 944 | High Plains Broadcasting Operating Co., LLC Term Loan | 9.000 | 09/14/16 | 948,969 |
| 5,806 | Intelsat Jackson Holdings S.A. New Term Loan | 5.250 | 04/02/18 | 5,852,331 |

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Invesco Van Kampen Senior Income Trust

| Principal Amount (000) | Description | Coupon | Stated Maturity* | Value |
|--|--|---------------|-------------------------|--------------|
| Radio & Television (continued) | | | | |
| \$ 2,475 | Multicultural Radio Broadcasting, Inc. Second Lien Term Loan | 5.943% | 06/18/13 | \$ 2,004,750 |
| 1,750 | Multicultural Radio Broadcasting, Inc. Term Loan | 2.940 | 12/18/12 | 1,605,261 |
| 3,446 | Newport Television, LLC Term Loan B | 9.000 | 09/14/16 | 3,462,937 |
| 20,691 | Univision Communications, Inc. Extended Term Loan | 4.441 | 03/31/17 | 20,028,775 |
| 6,034 | Weather Channel (The), LLC New Term Loan B | 4.250 | 02/13/17 | 6,077,467 |
| | | | | 73,332,875 |
| Retailers (except food & drug) 3.8% | | | | |
| 5,620 | Amscan Holdings, Inc. Term Loan B | 6.750 | 12/04/17 | 5,655,513 |
| 2,650 | Claire s Stores, Inc. Term Loan B | 3.057 | 05/29/14 | 2,445,870 |
| 1,014 | Dollar General Corp. Term Loan B1 | 2.970 | 07/07/14 | 1,013,675 |
| 248 | Educate, Inc. Second Lien Term Loan | 8.500 | 06/16/14 | 241,401 |
| 935 | FTD Group, Inc. Term Loan B | 6.750 | 08/26/14 | 936,148 |
| 3,699 | Guitar Center, Inc. Extended Term Loan | 5.560 | 04/10/17 | 3,524,371 |
| 1,573 | Gymboree Corp. New Term Loan | 5.000 | 02/23/18 | 1,545,128 |
| 3,909 | J Crew Group Corp. New Term Loan B | 4.750 | 03/07/18 | 3,840,755 |
| 1,340 | Michaels Stores, Inc. Term Loan B2 | 4.813 | 07/31/16 | 1,346,064 |
| 4,773 | Neiman Marcus Group, Inc. New Term Loan | 4.750 | 05/16/18 | 4,744,274 |
| 4,414 | Petco Animal Supplies, Inc. New Term Loan | 4.500 | 11/24/17 | 4,415,118 |

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Invesco Van Kampen Senior Income Trust

| Principal Amount (000) | Description | Coupon | Stated Maturity* | Value |
|---|--|---------------|-------------------------|--------------|
| Retailers (except food & drug) (continued) | | | | |
| \$ 527 | Pilot Travel Centers LLC New Term Loan B | 4.250% | 03/30/18 | \$ 530,894 |
| 3,553 | Savers, Inc. Term Loan B | 4.250 | 03/03/17 | 3,584,477 |
| | | | | 33,823,688 |
| Surface Transport 1.0% | | | | |
| 1,959 | Avis Budget Car Rental, LLC New Term Loan | 5.750 | 04/19/14 | 1,968,539 |
| 956 | Cardinal Logistics Management, Inc. First Lien Term Loan (a) | 12.500 | 09/23/13 | 821,857 |
| 890 | JHCI Acquisition, Inc. First Lien Term Loan | 2.700 | 06/19/14 | 842,493 |
| 2,942 | Kenan Advantage Group, Inc. New Term Loan | 5.500 | 06/10/16 | 2,968,159 |
| 2,783 | Swift Transportation Co. Inc. Term Loan B | 6.000 | 12/21/16 | 2,809,268 |
| | | | | 9,410,316 |
| Telecommunications 6.7% | | | | |
| 4,590 | Avaya, Inc. Extended Term Loan B3 | 4.755 | 10/26/17 | 4,484,822 |
| 2,253 | Avaya, Inc. Term Loan | 3.005 | 10/24/14 | 2,182,003 |
| 12,879 | Fairpoint Communications, Inc. New Term Loan B | 6.500 | 01/22/16 | 11,964,551 |
| 4,563 | Global Tel*Link Corp. New Term Loan B | 5.000 | 11/10/16 | 4,565,659 |
| 1,417 | Level 3 Communications, Inc. Add on Term Loan | 11.500 | 03/13/14 | 1,513,468 |
| 5,850 | Level 3 Communications, Inc. Term Loan A | 2.533 | 03/13/14 | 5,723,055 |
| 667 | MetroPCS Wireless, Inc. Extended Term Loan | 4.071 | 11/04/16 | 668,189 |

See accompanying notes which are an integral part of this schedule.

Invesco Van Kampen Senior Income Trust

| Principal Amount (000) | Description | Coupon | Stated Maturity* | Value |
|---------------------------------------|--|---------------|-------------------------|---------------|
| Telecommunications (continued) | | | | |
| \$ 11,796 | MetroPCS Wireless, Inc. New Term Loan B | 4.000% | 03/16/18 | \$ 11,793,192 |
| 7,117 | NTELOS Inc. New Term Loan B | 4.000 | 08/07/15 | 7,145,884 |
| 810 | Orius Corp. Term Loan A (b)(c)(d)(e) | 6.750 | 01/23/09 | 0 |
| 600 | Orius Corp. Term Loan B1 (b)(c)(d)(e) | 7.250 | 01/23/10 | 0 |
| 2,918 | Syniverse Technologies, Inc. Term Loan B | 5.250 | 12/21/17 | 2,944,242 |
| 1,160 | TowerCo Finance, LLC Term Loan B | 5.250 | 02/02/17 | 1,168,769 |
| 2,833 | West Corp. Term Loan B5 | 4.610 | 07/15/16 | 2,846,536 |
| 3,484 | Yankee Cable Acquisition, LLC Term Loan B1 | 6.500 | 08/26/16 | 3,499,006 |
| | | | | 60,499,376 |
| Utilities 8.5% | | | | |
| 4,792 | BRSP, LLC Term Loan B | 7.500 | 06/04/14 | 4,834,149 |
| 10,216 | Calpine Corp. New Term Loan | 4.500 | 04/02/18 | 10,257,657 |
| 5,500 | FirstLight Power Resources, Inc. Second Lien Term Loan | 4.813 | 05/01/14 | 5,252,500 |
| 4,265 | FirstLight Power Resources, Inc. Term Loan B | 2.813 | 11/01/13 | 4,232,902 |
| 388 | Great Point Power, Inc. Term Loan B1 | 3.780 | 03/10/17 | 391,693 |
| 2,567 | Longview Power, LLC Delayed Draw Term Loan | 2.563 | 02/28/14 | 2,435,125 |
| 733 | Longview Power, LLC Synthetic Letter of Credit | 2.413 | 02/28/14 | 695,750 |
| 2,200 | Longview Power, LLC Term Loan B | 2.563 | 02/28/14 | 2,087,250 |
| 187 | Mach Gen, LLC Letter of Credit | 2.307 | 02/22/13 | 174,767 |

See accompanying notes which are an integral part of this schedule.

Invesco Van Kampen Senior Income Trust

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| Principal Amount (000) | Description | Coupon | Stated Maturity* | Value |
|-------------------------------|---|---------------|-------------------------|---------------|
| Utilities (continued) | | | | |
| \$ 8,200 | NRG Energy, Inc. Extended Letter of Credit | 3.557% | 08/31/15 | \$ 8,201,096 |
| 533 | NRG Energy, Inc. Extended Term Loan B | 3.470 | 08/31/15 | 532,606 |
| 3,054 | Primary Energy Operations, LLC New Term Loan | 6.500 | 10/23/14 | 3,038,120 |
| 6,132 | Star West Generation, LLC Term Loan B | 6.000 | 05/14/18 | 6,109,086 |
| 2,534 | Texas Competitive Electric Holdings Co., LLC Extended Term Loan | 4.740 | 10/10/17 | 2,011,525 |
| 25,523 | Texas Competitive Electric Holdings Co., LLC Non-Extended Term Loan | 3.706 | 10/10/14 | 21,777,911 |
| 4,700 | TPF Generation Holdings, LLC Second Lien Term Loan C | 4.557 | 12/15/14 | 4,629,500 |
| | | | | 76,661,637 |
| | Total Variable Rate** Senior Loan Interests 138.9% | | | 1,254,938,107 |

| Par Amount (000) | Description | Coupon | Maturity | Value |
|---|--------------------------------|---------------|-----------------|--------------|
| Notes 4.8% | | | | |
| Air Transport 0.1% | | | | |
| \$ 1,110 | Continental Airlines, Inc. (g) | 6.750% | 09/15/15 | \$ 1,134,975 |
| Building & Development 0.1% | | | | |
| 593 | Realty Corp. (g) | 7.875 | 02/15/19 | 598,930 |
| Chemicals & Plastics 0.5% | | | | |
| 3,149 | Lyondell Chemical Co. | 11.000 | 05/01/18 | 3,556,837 |
| 1,131 | Wellman, Inc. (a) | 5.000 | 01/29/19 | 961,369 |
| | | | | 4,518,206 |
| Containers & Glass Products 0.5% | | | | |
| 4,900 | Berry Plastics Group, Inc. (h) | 5.028 | 02/15/15 | 4,887,750 |

See accompanying notes which are an integral part of this schedule.

Invesco Van Kampen Senior Income Trust

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| Par Amount (000) | Description | Coupon | Maturity | Value |
|------------------|---|---------|----------|------------|
| | Ecological Services & Equipment 0.1% | | | |
| \$ 560 | Environmental Systems Products Holdings, Inc. (a) | 18.000% | 03/31/15 | \$ 560,083 |
| | Forest Products 0.2% | | | |
| 1,500 | Verso Paper Holdings, LLC (h) | 4.023 | 08/01/14 | 1,451,250 |
| | Health Care 0.7% | | | |
| 6,167 | Apria Healthcare Group, Inc. (g) | 11.250 | 11/01/14 | 6,559,792 |
| | Home Furnishings 0.1% | | | |
| 677 | Targus Group International Inc. (a) | 10.000 | 12/15/15 | 676,823 |
| | Structured Products 0.9% | | | |
| 1,851 | Ares CLO Funds (h) | 3.290 | 10/11/21 | 1,540,957 |
| 268 | Atrium CDO Corp. | 9.176 | 06/08/19 | 255,940 |
| 1,431 | Columbus Nova CLO Ltd. (h) | 3.914 | 05/16/19 | 1,101,870 |
| 755 | Flagship CLO V (Cayman Islands)(h) | 5.000 | 06/10/21 | 626,934 |
| 1,389 | ING Investment Management CLO Ltd. (h) | 3.776 | 12/13/20 | 1,083,420 |
| 1,829 | Sierra CLO Ltd. (h) | 3.774 | 01/22/21 | 1,435,765 |
| 2,210 | Silverado CLO Ltd. (h) | 4.026 | 10/16/20 | 1,823,250 |
| | | | | 7,868,136 |
| | Utilities 1.6% | | | |
| 5,468 | Calpine Corp. (g) | 7.500 | 02/15/21 | 5,714,059 |
| 4,636 | Calpine Corp. (g) | 7.875 | 01/15/23 | 4,855,690 |
| 3,736 | NRG Energy, Inc. | 7.625 | 05/15/19 | 3,271,560 |
| 850 | Texas Competitive Electric Holdings Co., LLC | 11.500 | 10/01/20 | 864,875 |
| | | | | 14,706,184 |
| | Total Notes 4.8% | | | 42,962,129 |

See accompanying notes which are an integral part of this schedule.

Invesco Van Kampen Senior Income Trust

| Shares | Description | Value |
|-----------|---|--------------|
| | Common Stocks 1.8% | |
| | Building & Development 0.5% | |
| 595 | Axia Acquisition Corp. (g)(i)(j) | \$ 1,488,675 |
| 923,526 | Building Materials Holding Corp. (g)(j) | 1,191,348 |
| 373,586 | Contech Construction Products, Inc. (j) | 0 |
| 780 | Lake At Las Vegas Joint Venture, LLC, Class A (j) | 315,959 |
| 9 | Lake At Las Vegas Joint Venture, LLC, Class B (j) | 3,749 |
| 343,321 | Newhall Holding Co., LLC (j) | 523,565 |
| 6,756 | WCI Communities, Inc. (j) | 675,600 |
| | | 4,198,896 |
| | Business Equipment & Services 0.0% | |
| 7 | Comdisco Holdings Co., Inc. (j) | 42 |
| | Chemicals & Plastics 0.3% | |
| 52,283 | Lyondell Chemical Co., Class A (g)(j) | 2,334,328 |
| 1,892 | Wellman, Inc. (j) | 0 |
| | | 2,334,328 |
| | Conglomerates 0.1% | |
| 4,207 | Euramax International, Inc., Class A (g)(j) | 1,325,237 |
| | Cosmetics/Toiletries 0.2% | |
| 2,023,400 | Marietta Intermediate Holding Corp. (Acquired 04/22/10, Cost \$48,742) (j) | 1,598,486 |
| | Ecological Services & Equipment 0.1% | |
| 9,333 | Environmental Systems Products Holdings, Inc. (Acquired 09/27/07, Cost \$0) (j) | 1,026,630 |
| | Financial Intermediaries 0.0% | |
| 4,291 | RJO Holdings Corp. (Acquired 01/13/11, Cost \$0) (j) | 37,906 |
| | Health Care 0.0% | |
| 4,863 | Quality Home Brands Holdings, LLC (Acquired 01/26/10, Cost \$0) (j) | 0 |
| | Home Furnishings 0.0% | |
| 27,462 | Targus Group International, Inc. (Acquired 12/16/09, Cost \$0) (j) | 78,816 |

See accompanying notes which are an integral part of this schedule.
Invesco Van Kampen Senior Income Trust

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| Shares | Description | Value |
|---------|---|------------|
| | Leisure Goods/Activities/Movies 0.1% | |
| 553,670 | MB2, LP. (Canada) (g)(j) | \$ 268,592 |
| 121,429 | True Temper Sports, Inc. (Acquired 12/17/09, Cost \$4,287,500) (j) | 941,075 |
| | | 1,209,667 |
| | Lodging & Casinos 0.2% | |
| 134,134 | BLB Worldwide Holdings, Inc., Class A (j) | 1,464,341 |
| 1,250 | BLB Worldwide Holdings, Inc., Class B (j) | 10,000 |
| | | 1,474,341 |
| | Oil & Gas 0.1% | |
| 40,110 | Vitruvian Exploration, LLC (j) | 1,313,603 |
| | Publishing 0.2% | |
| 46,746 | Affiliated Media, Inc. (j) | 1,378,996 |
| 5,882 | Cygnus Business Media, Inc. (g)(i)(j) | 0 |
| 4,753 | Endurance Business Media, Inc. Class A (i)(j) | 88,633 |
| 15,519 | F&W Publications, Inc. (j) | 1,940 |
| 333,084 | MC Communications, LLC (Acquired 07/02/09, Cost \$0) (j) | 0 |
| 2,333 | SuperMedia, Inc. (j) | 10,125 |
| | | 1,479,694 |
| | Telecommunications 0.0% | |
| 2,543 | CTM Media Holdings, Inc. (j) | 6,029 |
| 7,632 | IDT Corp., Class B (j) | 225,144 |
| | | 231,173 |
| | Total Common Stocks 1.8% | 16,308,819 |
| | Warrants 0.0% | |
| | Aerospace & Defense 0.0% | |
| 39,841 | IAP Worldwide Services, Inc., Series A, expiring 06/11/15 (Acquired 06/18/08, Cost \$0) (j) | 334,664 |
| 11,669 | IAP Worldwide Services, Inc., Series B, expiring 06/11/15 (Acquired 06/18/08, Cost \$0) (j) | 28,239 |
| 5,907 | | 0 |

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IAP Worldwide Services, Inc., Series C, expiring 06/11/15 (Acquired 06/18/08,
Cost \$0) (j)

362,903

See accompanying notes which are an integral part of this schedule.

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| Shares | Description | Value |
|---------|---|---------------|
| | Building & Development 0.0% | |
| 39 | Lake at Las Vegas Joint Venture, LLC, Class C, expiring 7/15/15 (j) | \$ 0 |
| 54 | Lake at Las Vegas Joint Venture, LLC, Class D, expiring 7/15/15 (j) | 0 |
| 60 | Lake at Las Vegas Joint Venture, LLC, Class E, expiring 7/15/15 (j) | 0 |
| 67 | Lake at Las Vegas Joint Venture, LLC, Class F, expiring 7/15/15 (j) | 0 |
| 76 | Lake at Las Vegas Joint Venture, LLC, Class G, expiring 7/15/15 (j) | 0 |
| | | 0 |
| | Cosmetics/Toiletries 0.0% | |
| 247,917 | Marietta Holding Corp., expiring 02/20/19 (Acquired 04/22/10, Cost \$0) (j) | 0 |
| | Publishing 0.0% | |
| 2,291 | F&W Publications, Inc., expiring 06/09/14 (j) | 286 |
| | Radio & Television 0.0% | |
| 7,614 | Cumulus Media, Inc., expiring 06/29/19 (g)(j) | 21,394 |
| | Total Warrants 0.0% | 384,583 |
| | Preferred Stock 0.0% | |
| | Ecological Services & Equipment 0.0% | |
| 2,136 | Environmental Systems Products Holdings, Inc. (Acquired 09/27/07, Cost \$239,264) (j) | 331,080 |
| | Financial Intermediaries 0.0% | |
| 649 | RJO Holdings Corp. (Acquired 01/14/11, Cost \$0) (j) | 48,668 |
| | Total Preferred Stock 0.0% | 379,748 |
| | Total Long-Term Investments 145.5% | |
| | (Cost \$1,411,643,668) | 1,314,973,386 |

See accompanying notes which are an integral part of this schedule.

Invesco Van Kampen Senior Income Trust

| Description | Value |
|---|----------------|
| Time Deposit 1.2% State Street Bank & Trust Co. (\$10,751,064 Principal, 0.01% coupon, dated 05/31/11, to be sold on 06/01/11 at \$10,751,067 (Cost \$10,751,064) | \$ 10,751,064 |
| Total Investments 146.7% (Cost \$1,422,394,732) | 1,325,724,450 |
| Borrowings (21.8%) | (197,000,000) |
| Preferred Shares (22.1%) | (200,000,000) |
| Liabilities in Excess of Other Assets (2.8%) | (25,233,373) |
| Net Assets Applicable to Common Shares 100.0% | \$ 903,491,077 |

Investment Abbreviations:

CDO- Collateralized debt obligation

CLO- Collateralized loan obligation

DIP- Debtor-in-possession

PIK- Payment-in-kind

Notes to Schedule of Investments:

- (a) All or a portion of this security is payment-in-kind.
- (b) This borrower is currently in liquidation.
- (c) Defaulted security. Currently, the issuer is partially or fully in default with respect to interest payments. The aggregate value of these securities at May 31, 2011 was \$20,889,835, which represented 2.31% of the Trust's net assets applicable to common shares.
- (d) This borrower has filed for protection in federal bankruptcy court.
- (e) The borrower is in the process of restructuring or amending the terms of this loan.
- (f) All or a portion of this security is designated in connection with unfunded loan commitments. See Note 4.
- (g) Security purchased or received in a transaction exempt from registration under the Securities Act of 1933, as amended. The security may be resold pursuant to an exemption from registration under the 1933 Act, typically to qualified institutional buyers. The aggregate value of these securities at May 31, 2011, was \$25,493,020, which represented 2.82% of the Trust's net assets.

- (h) Interest or dividend rate is determined periodically. Rate shown is the rate in effect at May 31, 2011.
- (i) Affiliated Company.
- (j) Non-income producing security acquired through the restructuring of senior loans.
- (k) Subsequent to May 31, 2011, this borrower has filed for protection in federal bankruptcy court.
See accompanying notes which are an integral part of this schedule.

Invesco Van Kampen Senior Income Trust

- * Senior Loans in the Trust's portfolio generally are subject to mandatory and/or optional prepayment. Because of these mandatory prepayment conditions and because there may be significant economic incentives for a Borrower to prepay, prepayments of Senior Loans in the Trust's portfolio may occur. As a result, the actual remaining maturity of Senior Loans held in the Trust's portfolio may be substantially less than the stated maturities shown.
- ** Senior Loans in which the Trust invests generally pay interest at rates which are periodically redetermined by reference to a base the lending rate plus a premium. These base lending rates are generally (1) the lending rate offered by one or more major European banks, such as the London inter-Bank Offered Rate (LIBOR), (2) the prime rate offered by one or more major United States banks, or (3) the certificate of deposit rate. Senior Loans are generally considered to be restricted in that the Trust ordinarily is contractually obligated to receive approval from the Agent Bank and/or Borrower prior to the disposition of a Senior Loan. The stated coupon rates reflect the weighted average rate of the outstanding contracts for each loan as of May 31, 2011.

Swap agreements outstanding as of May 31, 2011:

| Counterparty | Reference Entity | Pay/ Receive Buy/Sell | Fixed Rate | Expiration Date | Implied Credit Spread (a) | Notional Amount (000) | Upfront Payments | Value | Credit Rating of Reference Entity (b) |
|--------------------------------|--|-----------------------------|---------------|--------------------|------------------------------------|-----------------------------|---------------------|-----------|--|
| | | | | | | | | | Protection |
| Goldman Sachs International | Texas Competitive Electric Holdings Co., LLC | Sell | 5.000% | 03/20/12 | 5.20% | \$ 5,000 | \$ 112,500 | \$ 42,418 | B- |

(a) Implied credit spreads represents the current level at which protection could be bought or sold given the terms of the existing credit default swap contract and serve as an indicator of the current status of the payment/performance risk of the credit default swap contract. An implied credit spread that has widened or increased since entry into the initial contract may indicate a deteriorating credit profile and increased risk of default for the reference entity. A declining or narrowing spread may indicate an improving credit profile or decreased risk of default for the reference entity. Alternatively, credit spreads may increase or decrease reflecting the general tolerance for risk in the credit markets generally.

(b) Credit rating as issued by Standard and Poor's (Unaudited).

See accompanying notes which are an integral part of this schedule.

Invesco Van Kampen Senior Income Trust

Notes to Quarterly Schedule of Portfolio Holdings

May 31, 2011

(Unaudited)

NOTE 1 Significant Accounting Policies

A. Security Valuations Senior secured floating rate loans and senior secured floating rate debt securities are fair valued using an evaluated quote provided by an independent pricing service. Evaluated quotes provided by the pricing service may reflect appropriate factors such as ratings, tranche type, industry, company performance, spread, individual trading characteristics, institution-size trading in similar groups of securities and other market data.

Securities, including restricted securities, are valued according to the following policy. A security listed or traded on an exchange (except convertible bonds) is valued at its last sales price as of the close of the customary trading session on the exchange where the security is principally traded, or lacking any sales on a particular day, the security may be valued at the closing bid price on that day. Securities traded in the over-the-counter market (but not securities reported on the NASDAQ Stock Exchange) are valued based on the prices furnished by independent pricing services, in which case the securities may be considered fair valued, or by market makers. Each security reported on the NASDAQ Stock Exchange is valued at the NASDAQ Official Closing Price (NOCP) as of the close of the customary trading session on the valuation date or absent a NOCP, at the closing bid price.

Futures contracts are valued at the final settlement price set by an exchange on which they are principally traded. Listed options are valued at the mean between the last bid and the ask prices from the exchange on which they are principally traded. Options not listed on an exchange are valued by an independent source at the mean between the last bid and ask prices. For purposes of determining net asset value per share, futures and option contracts generally are valued 15 minutes after the close of the customary trading session of the New York Stock Exchange (NYSE).

Investments in open-end and closed-end registered investment companies that do not trade on an exchange are valued at the end of day net asset value per share. Investments in open-end and closed-end registered investment companies that trade on an exchange are valued at the last sales price or official closing price as of the close of the customary trading session on the exchange where the security is principally traded.

Swap agreements are fair valued using an evaluated quote provided by an independent pricing service. Evaluated quotes provided by the pricing service are valued based on a model which may include end of day net present values, spreads, ratings, industry, and company performance.

Debt obligations (including convertible bonds) and unlisted equities are fair valued using an evaluated quote provided by an independent pricing service. Evaluated quotes provided by the pricing service may be determined without exclusive reliance on quoted prices, and may reflect appropriate factors such as institution-size trading in similar groups of securities, developments related to specific securities, dividend rate, yield, quality, type of issue, coupon rate, maturity, individual trading characteristics and other market data. Short-term obligations, including commercial paper, having 60 days or less to maturity are recorded at amortized cost which approximates value. Debt securities are subject to interest rate and credit risks. In addition, all debt securities involve some risk of default with respect to interest and/or principal payments.

Foreign securities (including foreign exchange contracts) are converted into U.S. dollar amounts using the applicable exchange rates as of the close of the NYSE. If market quotations are available and reliable for foreign exchange traded equity securities, the securities will be valued at the market quotations. Because trading hours for certain foreign securities end before the close of the NYSE, closing market quotations may become unreliable. If between the time trading ends on a particular security and the close of the customary trading session on the NYSE, events occur that are significant and make the closing price unreliable, the Fund may fair value the security. If the event is likely to have affected the closing price of the security, the security will be valued at fair value in good faith using procedures approved by the Board of Trustees. Adjustments to closing prices to reflect fair value may also be based on a screening process of an independent pricing service to indicate the degree of certainty, based on historical data, that the closing price in the principal market where a foreign security trade is not the current value as of the close of the NYSE. Foreign securities meeting the approved degree of certainty that the price is not reflective of current value will be priced at the indication of fair value from the independent pricing service. Multiple factors may be

considered by the independent pricing service in determining adjustments to reflect fair value and may include information relating to sector indices, American Depositary Receipts and domestic and foreign index futures. Foreign securities may have additional risks including exchange rate changes, potential for sharply devalued currencies and high inflation, political and economical upheaval, the relative lack of issuer information, relatively low market liquidity and the potential lack of strict financial and accounting controls and standards.

Invesco Van Kampen Senior Income Trust

Securities for which market prices are not provided by any of the above methods may be valued based upon quotes furnished by independent sources. The last bid price may be used to value equity securities. The mean between the last bid and asked prices is used to value debt obligations, including Corporate Loans.

Securities for which market quotations are not readily available or are unreliable are valued at fair value as determined in good faith by or under the supervision of the Trust's officers following procedures approved by the Board of Trustees. Issuer specific events, market trends, bid/ask quotes of brokers and information providers and other market data may be reviewed in the course of making a good faith determination of a security's fair value.

Valuations change in response to many factors including the historical and prospective earnings of the issuer, the value of the issuer's assets, general economic conditions, interest rates, investor perceptions and market liquidity. Because of the inherent uncertainties of valuation, the values reflected in the financial statements may materially differ from the value received upon actual sale of those investments.

B. Securities Transactions and Investment Income Securities transactions are accounted for on a trade date basis.

Realized gains or losses on sales are computed on the basis of specific identification of the securities sold. Interest income is recorded on the accrual basis from the settlement date. Facility fees received may be amortized over the life of the loan. Dividend income (net of withholding tax, if any) is recorded on the ex-dividend date. Bond premiums and discounts are amortized and/or accreted for financial reporting purposes.

The Trust may periodically participate in litigation related to Trust investments. As such, the Fund may receive proceeds from litigation settlements. Any proceeds received are included in the Statement of Operations as realized gain (loss) for investments no longer held and as unrealized gain (loss) for investments still held.

Brokerage commissions and mark ups are considered transaction costs and are recorded as an increase to the cost basis of securities purchased and/or a reduction of proceeds on a sale of securities. Such transaction costs are included in the determination of net realized and unrealized gain (loss) from investment securities reported in the Statement of Operations and the Statement of Changes in Net Assets and the net realized and unrealized gains (losses) on securities per share in the Financial Highlights. Transaction costs are included in the calculation of the Trust's net asset value and, accordingly, they reduce the Trust's total returns. These transaction costs are not considered operating expenses and are not reflected in net investment income reported in the Statement of Operations and Statement of Changes in Net Assets, or the net investment income per share and ratios of expenses and net investment income reported in the Financial Highlights, nor are they limited by any expense limitation arrangements between the Trust and the investment adviser.

Other income is comprised primarily of amendment fees which are recorded when received. Amendment fees are received in return for changes in the terms of a loan or a note.

C. Country Determination For the purposes of making investment selection decisions and presentation in the Schedule of Investments, the investment adviser may determine the country in which an issuer is located and/or credit risk exposure based on various factors. These factors include the laws of the country under which the issuer is organized, where the issuer maintains a principal office, the country in which the issuer derives 50% or more of its total revenues and the country that has the primary market for the issuer's securities, as well as other criteria. Among the other criteria that may be evaluated for making this determination are the country in which the issuer maintains 50% or more of its assets, the type of security, financial guarantees and enhancements, the nature of the collateral and the sponsor organization. Country of issuer and/or credit risk exposure has been determined to be the United States of America, unless otherwise noted.

D. Securities Purchased on a When-Issued and Delayed Delivery Basis The Trust may purchase and sell interests in Corporate Loans and Corporate Debt Securities and other portfolio securities on a when-issued and delayed delivery basis, with payment and delivery scheduled for a future date. No income accrues to the Trust on such interests or securities in connection with such transactions prior to the date the Trust actually takes delivery of such interests or securities. These transactions are subject to market fluctuations and are subject to the risk that the value at delivery may be more or less than the trade date purchase price. Although the Trust will generally purchase these securities with the intention of acquiring such securities, they may sell such securities prior to the settlement date.

E.

Foreign Currency Translations Foreign currency is valued at the close of the NYSE based on quotations posted by banks and major currency dealers. Portfolio securities and other assets and liabilities denominated in foreign currencies are translated into U.S. dollar amounts at date of valuation. Purchases and sales of portfolio securities (net of foreign taxes withheld on disposition) and income items denominated in foreign currencies are translated into U.S. dollar amounts on the respective dates of such transactions. The Trust does not separately account for the portion of the results of operations resulting from changes in foreign exchange rates on investments and the fluctuations arising from changes in market prices of securities held. The combined results of changes in foreign exchange rates and the fluctuation of market prices on investments (net of estimated foreign tax withholding) are included with the net realized and unrealized gain or loss from investments in the Statement of Operations. Reported net realized foreign currency gains or losses arise from (1) sales of foreign currencies, (2) currency gains or losses realized between the trade and settlement dates on

Invesco Van Kampen Senior Income Trust

securities transactions, and (3) the difference between the amounts of dividends, interest, and foreign withholding taxes recorded on the Trust's books and the U.S. dollar equivalent of the amounts actually received or paid. Net unrealized foreign currency gains and losses arise from changes in the fair values of assets and liabilities, other than investments in securities at fiscal period end, resulting from changes in exchange rates.

The Trust may invest in foreign securities which may be subject to foreign taxes on income, gains on investments or currency repatriation, a portion of which may be recoverable.

F. Swap Agreements The Trust may enter into various swap transactions, including interest rate, total return, index, currency exchange rate and credit default swap contracts (CDS) for investment purposes or to manage interest rate, currency or credit risk.

Interest rate, total return, index, and currency exchange rate swap agreements are two-party contracts entered into primarily to exchange the returns (or differentials in rates of returns) earned or realized on particular predetermined investments or instruments. The gross returns to be exchanged or swapped between the parties are calculated with respect to a notional amount, i.e., the return on or increase in value of a particular dollar amount invested at a particular interest rate or return of an underlying asset, in a particular foreign currency, or in a basket of securities representing a particular index.

A CDS is an agreement between two parties (Counterparties) to exchange the credit risk of an issuer. A buyer of a CDS is said to buy protection by paying a fixed payment over the life of the agreement and in some situations an upfront payment to the seller of the CDS. If a defined credit event occurs (such as payment default or bankruptcy), the Fund as a protection buyer would cease paying its fixed payment, the Trust would deliver eligible bonds issued by the reference entity to the seller, and the seller would pay the full notional value, or the par value, of the referenced obligation to the Trust. A seller of a CDS is said to sell protection and thus would receive a fixed payment over the life of the agreement and an upfront payment, if applicable. If a credit event occurs, the Trust as a protection seller would cease to receive the fixed payment stream, the Trust would pay the buyer par value or the full notional value of the referenced obligation, and the Trust would receive the eligible bonds issued by the reference entity. In turn, these bonds may be sold in order to realize a recovery value. Alternatively, the seller of the CDS and its counterparty may agree to net the notional amount and the market value of the bonds and make a cash payment equal to the difference to the buyer of protection. If no credit event occurs, the Trust receives the fixed payment over the life of the agreement. As the seller, the Trust would effectively add leverage to its portfolio because, in addition to its total net assets, the Trust would be subject to investment exposure on the notional amount of the CDS. In connection with these agreements, cash and securities may be identified as collateral in accordance with the terms of the respective swap agreements to provide assets of value and recourse in the event of default under the swap agreement or bankruptcy/insolvency of a party to the swap agreement. In the event of a default by the counterparty, the Fund will seek withdrawal of this collateral and may incur certain costs exercising its right with respect to the collateral. If a counterparty becomes bankrupt or otherwise fails to perform its obligations due to financial difficulties, the Fund may experience significant delays in obtaining any recovery in a bankruptcy or other reorganization proceeding. The Fund may obtain only limited recovery or may obtain no recovery in certain circumstances.

Implied credit spreads represent the current level at which protection could be bought or sold given the terms of the existing CDS contract and serve as an indicator of the current status of the payment/performance risk of the CDS. An implied spread that has widened or increased since entry into the initial contract may indicate a deteriorating credit profile and increased risk of default for the reference entity. A declining or narrowing spread may indicate an improving credit profile or decreased risk of default for the reference entity. Alternatively, credit spreads may increase or decrease reflecting the general tolerance for risk in the credit markets.

Changes in the value of swap agreements are recognized as unrealized gains (losses) in the Statement of Operations by marking to market on a daily basis to reflect the value of the swap agreement at the end of each trading day. Payments received or paid at the beginning of the agreement are reflected as such on the Statement of Assets and Liabilities and may be referred to as upfront payments. The Trust accrues for the fixed payment stream and amortizes upfront payments, if any, on swap agreements on a daily basis with the net amount, recorded as a component of realized gain (loss) on the Statement of Operations. A liquidation payment received or made at the termination of a swap agreement is recorded as realized gain (loss) on the Statement of Operations. The Trust segregates liquid

securities having a value at least equal to the amount of the potential obligation of a Trust under any swap transaction. The Trust's maximum risk of loss from counterparty risk, either as the protection seller or as the protection buyer, is the value of the contract. The risk may be mitigated by having a master netting arrangement between the Trust and the counterparty and by the posting of collateral by the counterparty to cover the Trust's exposure to the counterparty. Entering into these agreements involves, to varying degrees, lack of liquidity and elements of credit, market, and counterparty risk in excess of amounts recognized on the Statement of Assets and Liabilities. Such risks involve the possibility that a swap is

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difficult to sell or liquidate; the counterparty does not honor its obligations under the agreement and unfavorable interest rates and market fluctuations.

G. Industry Concentration To the extent that the Fund is concentrated in securities of issuers in the banking and financial services industries, the Fund's performance will depend to a greater extent on the overall condition of those industries. The value of these securities can be sensitive to changes in government regulation, interest rates and economic downturns in the U.S. and abroad.

H. Leverage Risk The Fund may utilize leverage to seek to enhance the yield of the Fund by borrowing or issuing preferred shares. There are risks associated with borrowing or issuing preferred shares in an effort to increase the yield and distributions on the common shares, including that the costs of the financial leverage may exceed the income from investments made with such leverage, the higher volatility of the net asset value of the common shares, and that fluctuations in the interest rates on the borrowing or dividend rates on preferred shares may affect the yield and distributions to the common shareholders. There can be no assurance that the Fund's leverage strategy will be successful.

I. Bank Loan Risk Disclosures Although the resale, or secondary market for floating rate loans has grown substantially over the past decade, both in overall size and number of market participants, there is no organized exchange or broad of trade on which floating rate loans are traded. Instead, the secondary market for floating rate loans is a private, unregulated interdealer or interbank resale market. Such a market may therefore be subject to irregular trading activity, wide bid/ask spreads, and extended trade settlement periods. Similar to other asset classes, bank loan funds may be exposed to counterparty credit risk, or the risk that an entity with which the Funds have unsettled or open transactions may fail to or be unable to perform on its commitments. The Funds manage counterparty credit risk by entering into transactions only with counterparties that they believe have the financial resources to honor their obligations and by monitoring the financial stability of those counterparties.

J. Other Risks The Trust may invest all or substantially of its assets in senior secured floating rate loans, senior secured debt securities or other securities rated below investment grade. These securities are generally considered to have speculative characteristics and are subject to greater risk of loss of principal and interest than higher rated securities. The value of lower quality debt securities and floating rate loans can be more volatile due to increased sensitivity to adverse issuer, political, regulatory, market or economic developments.

The Trust invests in Corporate Loans from U.S. or non-U.S. companies (the Borrowers). The investment of the Trust in a Corporate Loan may take the form of participation interests or assignments. If the Trust purchases a participation interest from a syndicate of lenders (Lenders) or one of the participants in the syndicate (Participant), one or more of which administers the loan on behalf of all the Lenders (the Agent Bank), the Trust would be required to rely on the Lender that sold the participation interest not only for the enforcement of the Trust's rights against the Borrower but also for the receipt and processing of payments due to the Trust under the Corporate Loans. As such, the Trust is subject to the credit risk of the Borrower and the Participant. Lenders and Participants interposed between the Trust and a Borrower, together with Agent Banks, are referred to as Intermediate Participants.

NOTE 2 Additional Valuation Information

Generally Accepted Accounting Principles (GAAP) defines fair value as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date, under current market conditions. GAAP establishes a hierarchy that prioritizes the inputs to valuation methods giving the highest priority to readily available unadjusted quoted prices in an active market for identical assets (Level 1) and the lowest priority to significant unobservable inputs (Level 3) generally when market prices are not readily available or are unreliable. Based on the valuation inputs, the securities or other investments are tiered into one of three levels. Changes in valuation methods may result in transfers in or out of an investment's assigned level:

Level 1 Prices are determined using quoted prices in an active market for identical assets.

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- Level 2 Prices are determined using other significant observable inputs. Observable inputs are inputs that other market participants may use in pricing a security. These may include quoted prices for similar securities, interest rates, prepayment speeds, credit risk, yield curves, loss severities, default rates, discount rates, volatilities and others.
- Level 3 Prices are determined using significant unobservable inputs. In situations where quoted prices or observable inputs are unavailable (for example, when there is little or no market activity for an investment at the end of the period), unobservable inputs may be used. Unobservable inputs reflect the Trust's own assumptions about the factors market participants would use in determining fair value of the securities or instruments and would be based on the best available information.

The following is a summary of the tiered valuation input levels, as of May 31, 2011. The level assigned to the securities valuations may not be an indication of the risk or liquidity associated with investing in those securities.

Because of

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the inherent uncertainties of valuation, the values reflected in the financial statements may materially differ from the value received upon actual sale of those investments.

During the three months ended May 31, 2011, there were no significant transfers between investment levels.

| | Level 1 | Level 2 | Level 3 | Total |
|---|--------------------|------------------------|--------------------|------------------------|
| Investments in an Asset Position | | | | |
| Variable Rate Senior Loan Interests | \$ | \$1,252,978,152 | \$1,959,955 | \$1,254,938,107 |
| Notes | | 41,323,937 | 1,638,192 | 42,962,129 |
| Equities | 4,433,795 | 7,959,262 | 4,680,093 | 17,073,150 |
| Time Deposits | | 10,751,064 | | 10,751,064 |
| Credit Default Swaps | | 42,418 | | 42,418 |
| Total Investments in an Asset Position | \$4,433,795 | \$1,313,054,833 | \$8,278,240 | \$1,325,766,868 |
| Investments in a Liability Position | | | | |
| Unfunded Commitments | \$ | \$ (2,785,965) | \$ | \$ (2,785,965) |

NOTE 3 Investments in Other Affiliates

The Investment Company Act of 1940 defines affiliates as those issuances in which a fund holds 5% or more of the outstanding voting securities. The Fund has not owned enough of the outstanding voting securities of the issuer to have control (as defined in the Investment Company Act of 1940) of that issuer. The following is a summary of the investments in affiliates for the three months ended May 31, 2011.

| | Value | Purchases at | Proceeds from | Change in Unrealized | Realized Gain | Value | Interest/Dividend |
|--|------------|--------------|---------------|-----------------------------|---------------|------------|-------------------|
| | 02/28/11 | Cost | Sales | Appreciation (Depreciation) | (Loss) | 05/31/11 | Income |
| Axia Acquisition Corp. Second Lien Term Loan A | \$ 932,280 | \$15,368 | \$ | \$ (37,778) | \$ | \$ 909,870 | \$ 19,699 |
| Axia Acquisition Corp. Second Lien Term Loan B | 1,610,962 | | | (28,767) | | 1,582,195 | 16,615 |
| Axia Acquisition Corp. Common Shares | 1,488,675 | | | | | 1,488,675 | |
| Cygnus Business Media, Inc. Common Shares | 2,485,658 | | 10,096 | 3,636 | 150 | 2,479,348 | 35,398 |
| Cygnus Business Media, Inc. | | | | | | | |

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| | | | | | | | |
|--|--------------------|-----------------|-----------------|------------------|----------------|------------------|------------------|
| Term Loan Endurance Business Media, Inc. Common Shares | 88,633 | | | | | 88,633 | |
| Endurance Business Media, Inc. First Lien Term Loan | 1,137,171 | | 9,502 | 183,868 | (2,979) | 1,308,558 | 39,063 |
| Total | \$7,743,379 | \$15,368 | \$19,598 | \$120,959 | (2,829) | 7,857,279 | \$110,775 |

NOTE 4 Unfunded Loan Commitments

As of May 31, 2011, the Fund had unfunded loan commitments of \$2,785,965, which could be extended at the option of the borrower, pursuant to the following loan agreements with the following borrowers:

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| Description | Type | Unfunded Commitments | Unrealized Appreciation/ (Depreciation) |
|---|----------------------------|-------------------------|---|
| Axia Acquisition Corp. | Revolving Credit Agreement | \$ 2,062,007 | \$ (154,649) |
| Bright Horizons Family Solutions, Inc. | Revolving Credit Agreement | 5,800,000 | (22,330) |
| Cannery Casino Resorts, LLC | Revolving Credit Agreement | 365,909 | (6,658) |
| Catalent Pharma Solutions | Revolving Credit Agreement | 2,500,000 | (141,562) |
| CB Richard Ellis Services, Inc. | Term Loan | 5,115,336 | (17,264) |
| CB Richard Ellis Services, Inc. | Term Loan | 1,239,862 | (3,255) |
| Delta Air Lines, Inc. | Revolving Credit Agreement | 2,500,000 | (86,975) |
| Education Management, LLC | Revolving Credit Agreement | 3,000,000 | (67,485) |
| GateHouse Media Operating, Inc. | Revolving Credit Agreement | 1,000,000 | (150,000) |
| General Motors Holdings | Revolving Credit Agreement | 10,576,720 | (852,355) |
| Graphic Packaging International, Inc. | Revolving Credit Agreement | 5,000,000 | (100,000) |
| Hicks Sporting Group, LLC | Term Loan | 23,046 | 0 |
| Hunter Fan Co. | Revolving Credit Agreement | 526,042 | (52,604) |
| Kranson Industries, Inc. | Revolving Credit Agreement | 2,287,455 | (68,624) |
| Lake at Las Vegas Joint Venture, LLC | Revolving Credit Agreement | 86,913 | (869) |
| Pinnacle Foods Holdings Corp. | Revolving Credit Agreement | 7,000,000 | (490,000) |
| Sbarro, Inc. | Term Loan | 16,346 | 0 |
| Surgical Care Affiliates, Inc. | Revolving Credit Agreement | 3,000,000 | (270,000) |
| USI Holdings Corp. | Revolving Credit Agreement | 3,333,333 | (300,000) |
| White Birch Paper Co. | Term Loan | 237,462 | (1,335) |
| | | \$ 55,670,431 | \$ (2,785,965) |

NOTE 5 Investment Securities

The aggregate amount of investment securities (other than short-term securities, U.S. Treasury obligations and money market funds, if any) purchased and sold by the Trust during the three months ended May 31, 2011 was \$446,705,856 and \$495,533,658, respectively. Cost of investments on a tax basis includes the adjustments for financial reporting purposes as of the most recently completed Federal income tax reporting period-end.

Unrealized Appreciation (Depreciation) of Investment Securities on a Tax Basis

| | |
|---|-----------------|
| Aggregate unrealized appreciation of investment securities | \$ 33,396,399 |
| Aggregate unrealized (depreciation) of investment securities | (139,464,893) |
| Net unrealized appreciation (depreciation) of investment securities | \$(106,068,494) |

Cost of investments for tax purposes is \$1,431,792,944.

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Item 2. Controls and Procedures.

- (a) As of June 10, 2011, an evaluation was performed under the supervision and with the participation of the officers of the Registrant, including the Principal Executive Officer (PEO) and Principal Financial Officer (PFO), to assess the effectiveness of the Registrant s disclosure controls and procedures, as that term is defined in Rule 30a-3(c) under the Investment Company Act of 1940 (Act), as amended. Based on that evaluation, the Registrant s officers, including the PEO and PFO, concluded that, as of June 10, 2011, the Registrant s disclosure controls and procedures were reasonably designed so as to ensure: (1) that information required to be disclosed by the Registrant on Form N-Q is recorded, processed, summarized and reported within the time periods specified by the rules and forms of the Securities and Exchange Commission; and (2) that material information relating to the Registrant is made known to the PEO and PFO as appropriate to allow timely decisions regarding required disclosure.
- (b) There have been no changes in the Registrant s internal control over financial reporting (as defined in Rule 30a-3(d) under the Act) that occurred during the Registrant s last fiscal quarter that have materially affected, or are reasonably likely to materially affect, the Registrant s internal control over financial reporting.

Item 3. Exhibits.

Certifications of PEO and PFO as required by Rule 30a-2(a) under the Investment Company Act of 1940.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the Registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Registrant: Invesco Van Kampen Senior Income Trust

By: /s/ Colin Meadows
Colin Meadows
Principal Executive Officer

Date: July 29, 2011

Pursuant to the requirements of the Securities and Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed below by the following persons on behalf of the Registrant and in the capacities and on the dates indicated.

By: /s/ Colin Meadows
Colin Meadows
Principal Executive Officer

Date: July 29, 2011

By: /s/ Sheri Morris
Sheri Morris
Principal Financial Officer

Date: July 29, 2011

EXHIBIT INDEX

Certifications of Principal Executive Officer (PEO) and Principal Financial Officer (PFO) as required by Rule 30a-2(a) under the Investment Company Act of 1940, as amended.