

Invesco Van Kampen Senior Income Trust
Form N-Q
July 30, 2012

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: 5/31/12

Item 1. Schedule of Investments.

Invesco Van Kampen Senior Income Trust

Quarterly Schedule of Portfolio Holdings

May 31, 2012

invesco.com/us

VK-CE-SINC-QTR-1 05/12

Invesco Advisers, Inc.

Schedule of Investments

May 31, 2012

(Unaudited)

	Interest Rate	Maturity Date	Principal Amount (000)	Value
Variable Rate Senior Loan Interests 130.13%^{(a)(b)}				
Aerospace & Defense 3.31%				
ARINC Inc., Second Lien Term Loan	6.24%	10/25/15	\$ 1,922	\$ 1,886,422
DAE Aviation Holdings, Inc., Tranche B-1 Term Loan	5.47%	07/31/14	774	764,784
Tranche B-2 Term Loan	5.47%	07/31/14	739	729,944
DynCorp International LLC, Term Loan B	6.25%	07/07/16	2,599	2,596,761
IAP Worldwide Services, Inc., PIK First Lien Term Loan ^(c)	9.25%	12/28/12	5,640	5,008,736
PRV Aerospace LLC, Term Loan B	6.50%	05/10/18	2,563	2,563,358
Sequa Corp., Term Loan	3.72%	12/03/14	5,274	5,197,440
Term Loan	6.25%	12/03/14	1,912	1,915,839
SI Organization, Inc., Term Loan B	4.50%	11/22/16	1,272	1,250,054
SRA International, Inc., Term Loan B	6.50%	07/20/18	773	757,217
TASC, Inc., Term Loan B	4.50%	12/18/15	4,164	4,090,062
Wyle Services Corp., Term Loan B	5.00%	03/27/17	2,224	2,207,268
				28,967,885
Air Transport 0.85%				
Delta Air Lines, Inc., Revolver Loan ^(d)	0.75%	03/28/13	2,500	2,457,825
Term Loan B	4.25%	03/07/16	4,450	4,316,249

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Term Loan B	5.50%	04/20/17	624	622,132
				7,396,206
Automotive 6.02%				
August LuxUK Holding Co., Luxco Second Lien Term Loan	10.50%	04/29/19	763	764,947
Term Loan	6.25%	04/27/18	824	827,833
August U.S. Holding Co., Inc., Second Lien Term Loan	10.50%	04/29/19	587	588,942
Term Loan B	6.25%	04/27/18	634	636,806
Autoparts Holdings Ltd., First Lien Term Loan	6.50%	07/28/17	305	297,234
Federal-Mogul Corp., Term Loan B	2.18%	12/29/14	3,559	3,362,412
Term Loan C	2.18%	12/28/15	2,457	2,321,238
General Motors Holdings, Revolver Loan ^(d)	0.38%	10/27/15	10,577	9,519,048
Goodyear Tire & Rubber Co. (The), Second Lien Term Loan	4.75%	04/30/19	3,088	2,999,521
Hertz Corp., LOC	3.75%	03/09/18	1,497	1,445,069
KAR Auction Services, Inc., Term Loan B	5.00%	05/19/17	8,102	8,105,407
Key Safety Systems, Inc., First Lien Term Loan	2.60%	03/08/14	5,116	4,917,778
Metaldyne Co., LLC, Term Loan B	5.25%	05/18/17	2,808	2,805,917
Schaeffler AG, (Germany) Term Loan C2	6.00%	01/27/17	5,351	5,345,956
TI Group Automotive Systems, LLC, Term Loan	6.75%	03/14/18	6,161	6,125,470
Veyance Technologies, Inc., Delayed Draw Term Loan	2.74%	07/31/14	249	241,835
Revolver Loan ^(e)		07/31/13	721	719,548
Term Loan	2.74%	07/31/14	1,740	1,688,423
				52,713,384

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

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	Interest Rate	Maturity Date	Principal Amount (000)	Value
Beverage and Tobacco 0.29%				
DS Waters Enterprises, L.P. First Lien Term Loan	10.50%	08/29/17	\$ 2,471	\$ 2,486,649
Building & Development 6.50%				
Axia Acquisition Corp., PIK Second Lien Term Loan A (Acquired 05/30/08-03/30/12; Cost \$3,055,149) ^{(c)(f)}	11.00%	03/11/16	1,105	817,379
Revolver Loan ^{(d)(f)}	1.00%	03/11/16	2,062	1,649,605
Second Lien Term Loan B (Acquired 05/30/08; Cost \$5,515,342) ^(f)	5.00%	03/12/16	1,918	1,419,181
Building Materials Holding Corp., PIK Second Lien Term Loan ^{(c)(g)}	8.00%	01/05/15	1,666	1,453,892
Capital Automotive L.P., Term Loan B	5.25%	03/10/17	14,955	14,739,872
CB Richard Ellis Services, Inc., Term Loan C	3.49%	03/05/18	544	538,222
Term Loan D	3.74%	09/04/19	5,763	5,696,775
Champion OPCO, LLC, PIK Term Loan ^(c)	10.50%	12/31/13	1,276	1,020,594
Custom Building Products, Inc., Term Loan B	5.75%	03/19/15	3,080	3,060,496
El Ad IDB Las Vegas, LLC, Term Loan A1 (Acquired 09/20/07; Cost \$2,500,000)	2.99%	08/09/12	2,500	1,500,000
HD Supply, Inc., Sr. Debt B	7.25%	10/12/17	4,464	4,503,904
Lake at Las Vegas Joint Venture, LLC, PIK Exit Revolver Loan (Acquired 07/18/10-04/30/12; Cost \$190,330) ^(c)	12.11%	02/28/17	191	176,204
PIK Exit Revolver Loan (Acquired 05/22/12; Cost \$21,543) ^{(c)(d)}	0.00%	02/28/17	21	19,780
Term Loan (Acquired 12/15/11-04/30/12; Cost \$29,760)	11.99%	07/15/12	30	29,760

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Term Loan (Acquired 05/22/12; Cost \$12,780) ^(d)	0.00%	07/15/12	13	12,787
Nortek, Inc. Term Loan	5.25%	04/26/17	2,932	2,925,326
Re/Max International, Inc., Term Loan	5.50%	04/15/16	631	630,648
Realogy Corp., Extended LOC	4.49%	10/10/16	195	178,290
Extended Term Loan	4.49%	10/10/16	10,398	9,530,011
LOC	3.24%	10/10/13	687	651,357
Revolver Loan	1.88%	04/08/16	2,794	2,379,670
Revolver Loan ^(d)	0.00%	04/08/16	3,255	2,772,129
WCI Communities, Inc. PIK Term Loan ^(c)	11.00%	09/02/16	1,188	1,149,114
				56,854,996

Business Equipment & Services 10.34%

ACCO Brands Corp., New Term Loan B	4.25%	04/30/19	8	8,369
Affinion Group, Inc., Term Loan B	5.00%	10/10/16	6,591	6,125,358
Asurion LLC, First Lien Term Loan	5.50%	05/24/18	8,731	8,619,092
Second Lien Term Loan	9.00%	05/24/19	3,530	3,562,336
Bright Horizons Family Solutions, Inc., Revolver Loan ^(d)	0.51%	05/28/14	6,000	5,945,220
Term Loan B	4.24%	05/28/15	2,354	2,337,774
Brock Holdings III, Inc., Term Loan B	6.01%	03/16/17	2,998	2,997,247
Education Management LLC, Revolver Loan ^(d)	1.30%	06/01/15	3,000	2,547,390
Emdeon, Inc., Term Loan B1	5.00%	11/02/18	2,187	2,190,792
Expert Global Solutions, Inc., Term Loan B	8.00%	04/03/18	4,324	4,308,240
First Data Corp., Delayed Draw Term Loan	2.99%	09/24/14	2,152	2,033,395
Extended Term Loan B	5.24%	03/23/17	1,652	1,565,549

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Extended Term Loan B	4.24%	03/26/18	19,230	17,454,694
Term Loan B3	2.99%	09/24/14	229	217,879
Hillman Group, Inc., Term Loan B	5.00%	05/27/16	113	112,840
iPayment, Inc., Term Loan B	5.75%	05/08/17	4,992	5,001,061
Kronos, Inc., First Lien Tranche B1	5.22%	06/09/17	845	842,948
Second Lien Tranche B1	10.58%	06/11/18	3,131	3,175,673
Tranche C Term Loan	6.25%	12/28/17	2,345	2,348,585
Lonestar Intermediate Super Holdings, LLC, Term Loan B	11.00%	09/02/19	4,295	4,386,003
Mitchell International, Inc., Second Lien Term Loan	5.75%	03/30/15	3,897	3,838,233

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

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	Interest Rate	Maturity Date	Principal Amount (000)	Value
Business Equipment & Services (continued)				
SMG Holdings, Inc., Term Loan B (Acquired 08/17/07; Cost \$1,072,122)	3.35%	07/27/14	\$ 1,072	\$ 1,061,401
SSI Investments II Ltd., Term Loan B	6.50%	05/26/17	1,902	1,914,182
Term Loan C	6.50%	05/26/17	231	232,761
Sungard Data Systems, Inc., Term Loan B	3.93%	02/26/16	5,904	5,855,758
Term Loan C	3.99%	02/28/17	349	345,932
Symphony IRI Group, Inc., Term Loan B	5.00%	12/01/17	1,525	1,517,703
				90,546,415
Cable & Satellite Television 4.74%				
AMC Networks Inc., Term Loan B	4.00%	12/31/18	729	724,858
Atlantic Broadband Finance, LLC, First Lien Term Loan	5.25%	04/04/19	2,734	2,730,465
Second Lien Term Loan	9.75%	10/04/19	4,344	4,351,275
BBHI Acquisition LLC, Term Loan B	4.50%	12/14/17	1,091	1,074,549
Cequel Communications, LLC, Term Loan B	4.00%	02/14/19	8,054	7,870,738
Charter Communications Operating, LLC, Extended Term Loan	3.72%	09/06/16	1,758	1,738,330
CSC Holdings, Inc., Incremental B-2 Term Loan	1.99%	03/29/16	2,929	2,882,511
Kabel Deutschland GMBH, (Germany) Term Loan F	4.25%	02/01/19	2,868	2,831,015
Knology Inc., Term Loan B	4.00%	08/18/17	236	235,499
MCC Iowa LLC, Term Loan D-2	1.95%	01/30/15	3,780	3,666,993

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Mediacom Illinois, LLC, Term Loan C	1.95%	01/30/15	2,274	2,198,685
Term Loan E	4.50%	10/23/17	1,556	1,551,251
Mediacom Iowa, LLC Term Loan F	4.50%	10/23/17	1,470	1,465,183
UPC Financing Partnership, (Netherlands)Facility Term Loan AB	4.75%	12/29/17	2,452	2,427,595
Yankee Cable Acquisition, LLC, Term Loan B1	6.50%	08/26/16	5,789	5,774,289
				41,523,236

Chemicals & Plastics 4.73%

Ascend Performance Materials LLC, Term Loan B	6.75%	04/10/18	5,251	5,130,512
Emerald Performance Materials, LLC, Term Loan B	7.75%	05/15/18	1,777	1,768,410
Hexion Specialty Chemicals, Inc., Extended Term Loan C1	4.00%	05/05/15	331	321,441
Extended Term Loan C2	4.25%	05/05/15	78	75,363
Extended Term Loan C4	4.25%	05/05/15	293	279,477
Extended Term Loan C5	4.25%	05/05/15	2,444	2,327,546
Houghton International, Inc. Term Loan B	6.75%	01/29/16	3,117	3,134,430
Ineos Holdings Ltd., Term Loan	6.50%	05/04/18	11,997	11,795,803
OM Group, Inc., Term Loan B	5.75%	08/02/17	1,334	1,332,619
OMNOVA Solutions, Inc., Term Loan B	5.75%	05/31/17	3,545	3,547,419
Phillips Plastics Corp., Term Loan	6.50%	02/12/17	1,017	1,011,925
PolyOne Corp., Term Loan	5.00%	12/20/17	1,244	1,246,791
Potters Holdings II, L.P., First Lien Term Loan	6.00%	05/05/17	1,757	1,748,405
PQ Corp., Term Loan B	3.99%	07/30/14	5,748	5,536,013
Taminco Global Chemical Corp., Term Loan B1	5.25%	02/15/19	1,690	1,688,935
Univar Inc., Term Loan B	5.00%	06/30/17	521	508,323

41,453,412

Clothing & Textiles 0.72%

Levi Strauss & Co., Term Loan	2.49%	03/27/14	6,013	5,899,766
Warnaco, Inc., Term Loan	3.75%	06/15/18	436	434,228
				6,333,994

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	Interest Rate	Maturity Date	Principal Amount (000)	Value
Conglomerates 0.93%				
Goodman Global Holdings, Inc., First Lien Term Loan	5.75%	10/28/16	\$ 4,361	\$ 4,362,040
Second Lien Term Loan	9.00%	10/30/17	361	366,631
RGIS Services, LLC, Non Extended Initial Term Loan	2.74%	04/30/14	3,462	3,433,629
				8,162,300
Containers & Glass Products 4.88%				
Anchor Glass Container Corp., First Lien Term Loan	6.00%	03/02/16	2,522	2,528,423
Second Lien Term Loan	10.00%	09/02/16	1,425	1,424,145
Berlin Packaging, LLC, Term Loan	3.24%	08/17/14	4,284	4,177,323
Berry Plastics Group, Inc., Term Loan C	2.24%	04/03/15	463	446,655
BWAY Corp., Canadian Term Loan C	4.50%	02/23/18	179	177,292
Term Loan B	4.50%	02/23/18	1,887	1,870,055
Exopack, LLC, Term Loan	6.50%	05/31/17	3,504	3,479,954
Hoffmaster Group, Inc., First Lien Term Loan	6.50%	01/03/18	2,038	2,029,497
Second Lien Term Loan (Acquired 12/29/11; Cost \$981,144)	11.00%	01/03/19	1,000	1,005,000
Pertus Sechszehnte GmbH, (Germany) Term Loan B2	2.84%	06/12/15	2,022	1,774,733
Term Loan C2	3.09%	06/13/16	2,022	1,784,846
Ranpak Corp., Term Loan	4.75%	04/20/17	668	666,706

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Reynolds Group Holdings Inc., Term Loan B	6.50%	02/09/18	1,133	1,138,627
Term Loan C	6.50%	08/09/18	15,584	15,685,884
Sealed Air Corp., Term Loan B	4.75%	10/03/18	1,519	1,526,076
TricorBraun, Inc., Term Loan B	5.50%	05/03/18	3,011	3,013,877
				42,729,093
Cosmetics & Toiletries 2.60%				
Bausch & Lomb, Inc., Term Loan B	5.25%	05/17/19	8,733	8,607,581
Huish Detergents, Inc., Incremental Term Loan B	2.24%	04/25/14	4,153	3,966,585
Second Lien Term Loan	4.49%	10/26/14	750	682,969
KIK Custom Products, Inc., Canadian Term Loan	2.49%	06/02/14	388	355,472
First Lien Term Loan	2.49%	06/02/14	2,266	2,073,585
Second Lien Term Loan	5.24%	11/28/14	4,000	2,678,340
Marietta Intermediate Holding Corp., PIK Term Loan B (Acquired 09/25/06-02/04/11; Cost \$5,238,309) ^(c)	7.00%	02/19/15	1,662	1,512,171
Prestige Brands, Inc., Term Loan	5.26%	01/31/19	600	601,714
Revlon Consumer Products Corp., Term Loan B	4.75%	11/14/17	2,284	2,276,134
				22,754,551
Drugs 3.16%				
Catalent Pharma Solutions, Extended Term Loan B	4.24%	09/15/16	2,584	2,564,704
Incremental Term Loan	5.25%	09/15/17	1,500	1,488,900
Grifols Inc., Term Loan B	4.50%	06/01/17	7,350	7,275,067
Harlan Sprague Dawley, Inc., Term Loan B	3.85%	07/11/14	3,666	3,519,785
	6.50%	06/16/17	3,074	2,965,966

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Medpace, Inc., Term Loan (Acquired 06/21/11; Cost
\$3,034,409)

Quintiles Transnational Corp., Term Loan	7.50%	02/24/17	1,117	1,119,195
Term Loan B	5.00%	06/08/18	4,465	4,416,619
Warner Chilcott Co., LLC, Term Loan B1	4.25%	03/15/18	1,980	1,969,533
Term Loan B2	4.25%	03/15/18	990	984,766

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	Interest Rate	Maturity Date	Principal Amount (000)	Value
Drugs (continued)				
WC Luxco S.a.r.l. Term Loan B3	4.25%	03/15/18	\$ 1,361	\$ 1,354,054
				27,658,589
Ecological Services & Equipment 1.22%				
Environmental Systems Products Holdings, Inc., Second Lien Term Loan (Acquired 01/25/12; Cost \$781,504)	15.50%	03/31/17	782	785,411
Safety Kleen (SK Holdings), Term Loan B	5.00%	02/17/17	336	335,762
ServiceMaster Co., Delayed Draw Term Loan	2.74%	07/24/14	416	406,409
LOC	2.93%	07/24/14	2,698	2,576,648
Term Loan	2.79%	07/24/14	4,176	4,081,275
Synagro Technologies, Inc., Second Lien Term Loan	4.99%	10/02/14	1,100	821,331
Term Loan B	2.24%	04/02/14	902	796,788
WCA Waste Systems, Inc., Term Loan B	5.50%	03/23/18	865	864,351
				10,667,975
Electronics & Electrical 5.47%				
Blackboard, Inc., First Lien Term Loan	7.50%	10/04/18	4,398	4,213,744
Incremental Term Loan	7.50%	10/04/18	732	688,396
Second Lien Term Loan	11.50%	04/04/19	1,948	1,804,380
DEI Sales, Inc., Term Loan B	7.01%	07/13/17	2,113	2,081,400
DG FastChannel, Inc., Term Loan B	5.75%	07/26/18	3,495	3,479,260

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Eastman Kodak Co., DIP Term Loan B	8.50%	07/20/13	1,165	1,168,258
Freescall Semiconductor, Inc., Extended Term Loan B	4.49%	12/01/16	6,993	6,582,082
Go Daddy Operating Co., LLC, Term Loan	5.50%	12/17/18	1,186	1,168,718
Lawson Software Inc., Term Loan B	6.25%	04/05/18	2,957	2,960,936
Mirion Technologies, Inc., First Lien Term Loan	6.25%	03/30/18	2,648	2,640,969
Open Solutions, Inc., Term Loan B	2.60%	01/23/14	6,111	5,799,717
ProQuest LLC, Term Loan B	6.00%	04/13/18	2,710	2,689,702
Semtech Corp., Term Loan B	4.25%	03/20/17	1,598	1,600,192
Sophia, L.P., Term Loan B	6.25%	07/19/18	8,648	8,694,759
Spectrum Brands, Inc., Term Loan B	5.00%	06/17/16	2,270	2,275,549
				47,848,062
Equipment Leasing 0.57%				
BakerCorp International, Inc., Term Loan B	4.75%	06/01/18	1,195	1,186,975
Delos Aircraft Inc., Term Loan 2	4.75%	04/12/16	591	592,544
Flying Fortress Inc., First Lien Term Loan	5.00%	06/30/17	3,195	3,192,686
				4,972,205
Farming & Agriculture 0.57%				
Wm. Bolthouse Farms, Inc., First Lien Term Loan	5.51%	02/11/16	3,160	3,174,685
Second Lien Term Loan	9.50%	08/11/16	1,773	1,782,921
				4,957,606
Financial Intermediaries 2.94%				
Grosvenor Capital Management Holdings, LLP, Extended Term Loan C	4.25%	12/05/16	4,174	4,111,056

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Moneygram International, Inc., Term Loan B1	4.25%	11/17/17	764	753,227
Nuveen Investments, Inc., Extended Term Loan	5.97%	05/12/17	6,491	6,422,795
First Lien Term Loan	5.97%	05/13/17	5,236	5,164,100
RJO Holdings Corp., FCM Term Loan (Acquired 12/10/10; Cost \$20,746)	6.24%	12/10/15	74	56,968
HoldCo Term Loan B	6.99%	12/10/15	3,463	2,626,258

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	Interest Rate	Maturity Date	Principal Amount (000)	Value
Financial Intermediaries (continued)				
Trans Union, LLC, Term Loan B	5.50%	02/12/18	\$ 1,317	\$ 1,326,883
Transfirst Holdings, Inc., PIK Second Lien Term Loan ^(c)	6.24%	06/15/15	2,654	2,487,089
Term Loan B	2.99%	06/15/14	2,846	2,769,748
				25,718,124
Food & Drug Retailers 2.39%				
General Nutrition Centers, Inc., Term Loan B	4.25%	03/02/18	441	437,461
Rite Aid Corp., Term Loan 5	4.50%	03/02/18	4,030	3,969,744
Term Loan B	1.99%	06/04/14	5,989	5,869,304
Roundy s Supermarkets, Inc., Term Loan B	5.75%	02/13/19	3,862	3,851,646
Sprouts Farmers Markets Holdings, LLC, Incremental Term Loan	6.00%	04/20/18	1,101	1,091,304
Supervalu Inc., Term Loan B3	4.50%	04/28/18	5,802	5,725,044
				20,944,503
Food Products 3.67%				
Advantage Sales & Marketing, Inc., Second Lien Term Loan	9.25%	06/18/18	668	668,132
Dean Foods Co., Extended Term Loan B2	3.49%	04/02/17	1,612	1,591,902
Del Monte Foods Co., Term Loan	4.50%	03/08/18	8,072	7,901,834
Dole Food Co., Inc., Term Loan B2	5.04%	07/06/18	2,481	2,478,033
Term Loan C2	5.03%	07/06/18	4,439	4,434,382

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Farley's & Sathers Candy Co., Inc., Term Loan	7.38%	03/30/18	2,597	2,567,642
JBS USA Holdings Inc., Term Loan B	4.25%	05/25/18	3,347	3,318,050
Pierre Foods, Inc., First Lien Term Loan	7.00%	09/30/16	6,945	6,974,338
Second Lien Term Loan	11.25%	09/29/17	587	592,280
Pinnacle Foods Finance LLC, Term Loan E	4.75%	10/17/18	1,572	1,564,589
				32,091,182

Food Service 1.58%

Burger King Corp., Term Loan B	4.50%	10/19/16	1,642	1,631,767
Focus Brands, Inc., Term Loan B	6.26%	02/21/18	1,186	1,187,965
Landry's, Inc., Term Loan B	6.50%	04/24/18	3,670	3,657,862
OSI Restaurant Partners, LLC, Revolver Loan	2.60%	06/14/13	213	209,101
Term Loan B	2.56%	06/14/14	2,155	2,114,273
Restaurant Holding Co., LLC, Term Loan B	9.00%	02/17/17	639	641,304
Weight Watchers International, Inc., Term Loan F	3.75%	03/15/19	804	792,317
Wendy's International, Inc., Delayed Draw Term Loan ^(d)	0.50%	05/15/19	1,629	1,613,631
Term Loan B	4.75%	05/15/19	2,041	2,022,085
				13,870,305

Forest Products 0.91%

Ainsworth Lumber Co, Ltd., Term Loan	5.25%	06/26/14	2,400	2,295,000
Cenveo Corp., Term Loan B	6.25%	12/21/16	4,442	4,428,291
Verso Paper Holdings LLC, PIK Term Loan ^(c)	6.88%	02/01/13	482	441,921
Xerium Technologies, Inc., Term Loan B	5.50%	05/22/17	813	790,638
				7,955,850

Healthcare 12.13%

Alere, Inc., Incremental Term Loan	4.75%	06/30/17	454	448,907
Incremental Term Loan B2	4.75%	06/30/17	2,787	2,756,562
Term Loan B	4.75%	06/30/17	3,344	3,306,735

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

Invesco Van Kampen Senior Income Trust

	Interest Rate	Maturity Date	Principal Amount (000)	Value
Healthcare (continued)				
AMN Healthcare, Inc., Term Loan B (Acquired 04/12/12; Cost \$1,712,568)	6.50%	04/05/18	\$ 1,713	\$ 1,723,272
Biomet, Inc., Term Loan B	3.37%	03/25/15	1,792	1,756,084
CareStream Health, Inc. Term Loan B	5.00%	02/25/17	6,795	6,574,893
Community Health Systems, Inc., Extended Term Loan B	3.97%	01/25/17	11,848	11,606,055
DaVita, Inc., New Term Loan B	4.50%	10/20/16	757	755,345
DJO Finance LLC, Extended Term Loan B2	5.24%	11/01/16	1,892	1,880,961
Term Loan B3	6.25%	09/15/17	5,620	5,578,883
Drumm Investors, LLC, Term Loan	5.00%	05/04/18	4,460	4,161,662
Genoa Healthcare Group, LLC, PIK Second Lien Term Loan ^(c)	14.00%	02/10/15	1,598	1,157,131
Term Loan B	7.25%	08/08/14	243	225,880
HCA, Inc., Extended Term Loan B2	3.72%	03/31/17	1,474	1,434,972
Extended Term Loan B3	3.49%	05/01/18	17,139	16,662,065
HCR Healthcare, LLC Term Loan	5.00%	04/06/18	2,872	2,837,497
Health Management Associates, Inc., Term Loan B	4.50%	11/16/18	4,625	4,566,543
IMS Health, Inc., New Term Loan B	4.50%	08/25/17	5,877	5,850,794
Kindred Healthcare, Inc., Term Loan	5.25%	06/01/18	4,761	4,552,450
Kinetic Concepts, Inc., Term Loan B	7.00%	05/04/18	12,374	12,497,897
Sun Healthcare Group Inc., Term Loan B	8.75%	10/15/16	1,692	1,651,698
Surgery Center Holdings, Inc., Term Loan B	6.50%	02/06/17	1,895	1,809,605

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Surgical Care Affiliates, Inc., Extended Revolver Loan ^(d)	0.40%	06/30/16	3,000	2,851,200
Extended Term Loan	4.47%	12/29/17	7,850	7,706,199
TriZetto Group, Inc., Term Loan B	4.75%	05/02/18	1,837	1,804,900
				106,158,190

Home Furnishings 1.31%

Hunter Fan Co., Revolver Loan (Acquired 05/21/12-05/30/12; Cost \$708,333) ^(d)	0.94%	04/16/14	708	633,958
Second Lien Term Loan	6.99%	10/16/14	1,000	833,750
Term Loan	2.74%	04/16/14	850	798,464
National Bedding Co., LLC, Second Lien Term Loan	5.25%	02/28/14	3,423	3,409,491
Springs Windows Fashions, LLC, Term Loan B	6.00%	05/31/17	1,518	1,504,575
Yankee Candle Co., Inc. (The), Term Loan B	5.25%	04/02/19	4,335	4,320,818
				11,501,056

Industrial Equipment 2.74%

Colfax Corp., Term Loan B	4.50%	01/11/19	558	558,003
Generac Power Systems, Inc., Term Loan B	6.25%	05/30/18	1,955	1,939,141
Grede LLC, Term Loan B	7.00%	04/03/17	3,089	3,063,907
Hupah Finance Inc., Term Loan B	6.25%	01/21/19	2,353	2,367,368
Husky Injection Molding Systems Ltd., Term Loan B	6.50%	06/29/18	2,212	2,205,570
JMC Steel Group, Inc., Term Loan	4.75%	04/03/17	1,528	1,533,267
Manitowoc Co., Inc. (The), New Term Loan B	4.25%	11/13/17	606	605,415
Mold-Masters (2007) Ltd., Extended Term Loan B	5.00%	10/11/16	2,563	2,540,982
Rexnord LLC, Term Loan B	5.00%	04/01/18	4,933	4,925,527

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Terex Corp., Term Loan B	5.50%	04/28/17	654	657,358
Unifrax Corp., Term Loan	6.50%	11/28/18	3,584	3,619,650
				24,016,188

Insurance 1.13%

Alliant Holdings I, Inc., Term Loan D	6.75%	08/21/14	1,003	1,012,554
HMSC Corp., Second Lien Term Loan (Acquired 04/23/07; Cost \$825,000)	5.74%	10/03/14	825	515,625

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

	Interest Rate	Maturity Date	Principal Amount (000)	Value
Insurance (continued)				
Sedgwick CMS Holdings, Inc., Second Lien Term Loan	9.00%	05/26/17	\$ 2,800	\$ 2,790,676
Term Loan	5.00%	12/31/16	509	506,794
USI Holdings Corp., Revolver Loan	0.99%	05/05/13	833	766,667
Revolver Loan ^(d)	0.00%	05/05/13	2,500	2,300,000
Term Loan	2.74%	05/05/14	2,040	2,019,587
				9,911,903
Leisure Goods, Activities & Movies 2.56%				
24 Hour Fitness Worldwide, Inc., Term Loan	7.50%	04/22/16	6,402	6,387,540
Alpha D2 Ltd., Term Loan B	5.75%	04/28/17	3,779	3,781,475
AMC Entertainment, Inc., Term Loan B3	4.25%	02/22/18	618	615,833
Fender Musical Instruments Corp., Delayed Draw Term Loan	2.49%	06/09/14	130	127,284
Term Loan B	2.49%	06/09/14	257	251,916
IMG Worldwide, Inc., Term Loan B	5.50%	06/16/16	1,140	1,138,864
Live Nation Entertainment, Inc., Term Loan B	4.50%	11/07/16	2,878	2,877,654
Sabre Holdings Corp., Extended Term Loan	5.99%	12/29/17	7,108	6,721,700
Six Flags Theme Parks, Inc., Term Loan B	4.25%	12/20/18	538	533,859
				22,436,125
Lodging & Casinos 6.21%				
Boyd Gaming Corp.,				

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Extended Revolver Loan ^(c)		12/17/15	3,671	3,978,800
Revolver Loan	6.00%	12/17/15	363	365,951
Caesars Entertainment Operating Co., Extended Term Loan B6	5.49%	01/28/18	32,205	28,500,985
Incremental Term Loan B4	9.50%	10/31/16	489	495,297
Cannery Casino Resorts, LLC, Delayed Draw Term Loan	4.49%	05/17/13	2,695	2,659,569
Second Lien Term Loan	4.49%	05/18/14	500	470,000
Term Loan B	4.49%	05/17/13	3,258	3,215,520
Golden Nugget, Inc., PIK Delayed Draw Term Loan ^(c)	3.24%	06/30/14	1,266	1,213,679
PIK Term Loan B ^(c)	3.24%	06/30/14	2,200	2,109,123
Isle of Capri Casinos, Inc., New Term Loan B	4.75%	11/01/13	3,134	3,137,502
Las Vegas Sands LLC, Extended Term Loan B	2.85%	11/23/16	337	327,920
Tropicana Entertainment Inc., Term Loan B	7.50%	03/16/18	2,471	2,452,670
Twin River Worldwide Holdings, Inc., Term Loan	8.50%	11/05/15	5,404	5,427,323
				54,354,339
Nonferrous Metals & Minerals 0.83%				
Arch Coal Inc., Term Loan B	5.75%	05/16/18	4,116	4,012,495
Noranda Aluminum Acquisition Corp., Term Loan B	5.75%	02/28/19	3,264	3,278,793
				7,291,288
Oil & Gas 3.82%				
Buffalo Gulf Coast Terminals LLC, Term Loan B	7.50%	10/31/17	5,807	5,828,587
CCS Corp., (Canada) Term Loan B	3.24%	11/14/14	4,937	4,759,043
Chesapeake Energy Corp., Term Loan	8.50%	12/02/17	3,542	3,484,075
Citgo Petroleum Corp., Term Loan B	8.00%	06/24/15	1,112	1,122,047

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Energy Transfer Equity, L.P., Term Loan B	3.75%	03/21/17	2,257	2,199,574
EP Energy LLC, Term Loan B	6.50%	04/24/18	1,543	1,549,530
Glenn Pool Oil & Gas Trust, Term Loan	4.50%	05/02/16	1,518	1,499,100
NGPL PipeCo LLC, Term Loan B	6.75%	05/15/17	5,332	5,220,825
Obsidian Natural Gas Trust, Term Loan	7.00%	11/02/15	2,608	2,621,537
Western Refining, Inc., Term Loan B	7.50%	03/15/17	2,439	2,448,673

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

	Interest Rate	Maturity Date	Principal Amount (000)	Value
Oil & Gas (continued)				
Willbros United States Holdings, Inc., Term Loan B	9.50%	06/30/14	\$ 2,720	\$ 2,722,074
				33,455,065
Publishing 4.97%				
Clarke American Corp., Revolver Loan ^(d)	0.66%	06/28/13	2,060	1,838,984
Term Loan B	2.77%	06/30/14	3,446	3,161,793
Cygnus Business Media, Inc., PIK Term Loan (Acquired 07/19/04; Cost \$3,895,532) ^{(c)(f)}	9.75%	06/30/13	3,924	1,765,684
Endurance Business Media, Inc., First Lien Term Loan (Acquired 12/14/10; Cost \$4,533,728) ^(f)	6.50%	12/15/14	3,451	862,870
F&W Media, Inc., Term Loan	7.75%	06/09/14	4,137	3,868,080
GateHouse Media Operating, Inc., Delayed Draw Term Loan	2.24%	08/28/14	588	186,039
Revolver Loan ^(d)	0.50%	02/28/14	1,000	850,000
Term Loan B	2.24%	08/28/14	917	289,966
Knowledgepoint360 Group, LLC, First Lien Term Loan (Acquired 05/18/07; Cost \$459,165)	3.72%	04/14/14	459	406,361
Second Lien Term Loan (Acquired 05/21/07; Cost \$1,000,000)	7.47%	04/13/15	1,000	750,000
MC Communications, LLC, PIK Term Loan ^(c)	6.75%	12/31/12	1,776	288,592
Medianews Group, Term Loan	8.50%	03/19/14	2,098	2,032,853
Merrill Communications, LLC, PIK Second Lien Term Loan ^(c)	12.13%	11/15/13	3,455	2,982,836
Term Loan	7.75%	12/24/12	2,181	2,066,709

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Network Communications, Inc., Term Loan (Acquired 08/08/07-01/13/12; Cost \$4,614,266)	5.59%	11/29/13	4,615	3,207,619
Tribune Co., Term Loan B ^{(h)(i)}	5.25%	06/04/14	28,497	18,529,324
Yell Group PLC, (United Kingdom) New Term Loan A3	3.74%	04/30/14	1,482	455,286
				43,542,996

Radio & Television 8.16%

AR Broadcasting, LLC, Term Loan (Acquired 02/17/12 - 03/19/12; Cost \$1,559,487)	5.48%	02/15/18	1,559	1,286,577
Barrington Broadcasting Group LLC, Term Loan B	7.50%	06/14/17	1,054	1,058,740
Clear Channel Communication, Term Loan A	3.64%	07/29/14	9,374	8,409,692
Term Loan B	3.89%	01/29/16	17,892	13,998,339
FoxCo Acquisition Sub, LLC, Term Loan B	4.75%	07/14/15	1,449	1,451,565
Granite Broadcasting Corp., Term Loan B	8.50%	05/23/18	2,800	2,772,143
Harron Communications Corp., Term Loan B	5.50%	10/06/17	2,505	2,514,557
High Plains Broadcasting Operating Co. LLC, Term Loan	9.00%	09/14/16	913	916,396
Intelsat Jackson Holdings S.A., Term Loan B	5.25%	04/02/18	8,218	8,175,946
Multicultural Radio Broadcasting, Inc., Second Lien Term Loan	6.48%	06/18/13	2,475	2,023,313
Term Loan	3.52%	12/18/12	1,538	1,423,748
Newport Television LLC, Term Loan B	9.00%	09/14/16	3,302	3,314,411
Raycom TV Broadcasting, Inc., Term Loan B	4.50%	05/31/17	2,641	2,628,110
Univision Communications Inc., Extended Term Loan	4.49%	03/31/17	23,360	21,475,071
				71,448,608

Retailers (except Food & Drug) 3.48%

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Academy, Ltd., Term Loan	6.00%	08/03/18	410	411,609
Amscan Holdings, Inc., Term Loan B	6.75%	12/04/17	5,563	5,584,320
Claire's Stores, Inc., Term Loan B	3.06%	05/29/14	1,679	1,567,725
Educate, Inc., Term Loan	8.51%	06/16/14	244	243,176

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

	Interest Rate	Maturity Date	Principal Amount (000)	Value
Retailers (except Food & Drug) (continued)				
FTD, Inc., New Term Loan	4.75%	06/11/18	\$ 2,801	\$ 2,776,926
Guitar Center Inc., Extended Term Loan	5.73%	04/10/17	4,699	4,417,376
Gymboree Corp., New Term Loan	5.00%	02/23/18	1,114	1,036,230
J. Crew Operating Corp., Term Loan B	4.75%	03/07/18	5,529	5,404,970
Michaels Stores, Inc., Extended Term Loan B3	5.00%	07/29/16	1,183	1,180,614
Term Loan B2	5.00%	07/29/16	636	634,589
Neiman Marcus Group, Inc., Term Loan	4.75%	05/16/18	2,837	2,791,482
Petco Animal Supplies, Inc., New Term Loan	4.50%	11/24/17	3,380	3,347,202
Pilot Travel Centers LLC, New Term Loan B	4.25%	03/30/18	107	107,096
Toys R Us-Delaware, Inc., Term Loan B3	5.25%	05/25/18	1,041	989,654
				30,492,969
Steel 0.17%				
Tube City IMS Corp., Term Loan	5.75%	03/20/19	1,499	1,500,446
Surface Transport 0.76%				
Avis Budget Car Rental, LLC, Term Loan C	4.25%	03/13/19	2,489	2,494,392
JHCI Acquisition, Inc., First Lien Term Loan	2.74%	06/19/14	747	706,692
Kenan Advantage Group, Inc., Term Loan	4.50%	06/10/16	2,913	2,898,350
Swift Transportation Co. Inc., New Term Loan B2	5.00%	12/21/17	537	536,227
				6,635,661

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Telecommunications 8.20%

Avaya, Inc., Extended Term Loan B3	4.97%	10/26/17	7,112	6,302,770
Cellular South, Inc., Term Loan B	4.50%	07/27/17	2,626	2,616,762
Consolidated Communications, Inc., Non Extended Term Loan B	2.74%	12/31/14	499	494,386
Fairpoint Communications, Inc., Term Loan B	6.50%	01/22/16	7,815	6,557,670
Genesys Telecom Holdings, U.S., Inc., Term Loan B	6.75%	01/31/19	4,201	4,209,717
Global Tel*Link Corp., Term Loan B	6.00%	12/14/17	4,588	4,583,739
Level 3 Communications, Inc., Term Loan A	2.65%	03/13/14	5,850	5,716,561
Term Loan B2	5.75%	09/03/18	1,733	1,724,008
Term Loan B3	5.75%	08/31/18	8,199	8,155,206
MetroPCS Wireless, Inc., Term Loan B	4.00%	03/19/18	12,546	12,252,459
Tranche B2	4.07%	11/03/16	784	769,546
NeuStar, Inc., Term Loan B	5.00%	11/08/18	2,847	2,865,725
NTELOS Inc., New Term Loan B	4.00%	08/07/15	1,027	1,020,611
Securus Technologies Holdings, Inc., Term Loan	5.25%	05/31/17	3,107	3,096,433
Syniverse Technologies, Inc., Term Loan	5.00%	04/23/19	4,463	4,418,083
TowerCo Finance LLC, Term Loan B	4.50%	02/02/17	1,148	1,150,153
U.S. TelePacific Corp., Term Loan B	5.75%	02/23/17	3,220	3,046,977
West Corp., Revolver Loan	0.38%	01/29/16	2,633	0
Term Loan B5	4.49%	07/15/16	2,826	2,811,789
				71,792,595

Utilities 5.27%

AES Corp., New Term Loan	4.25%	06/01/18	3,218	3,190,876
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BRSP, LLC Term Loan B	7.50%	06/04/14	3,753	3,773,156
Calpine Corp., Term Loan	4.50%	04/02/18	1,961	1,934,300
Term Loan B	4.50%	04/02/18	2,481	2,446,897

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

Invesco Van Kampen Senior Income Trust

	Interest Rate	Maturity Date	Principal Amount (000)	Value
Utilities (continued)				
Longview Power LLC, Extended Term Loan B	6.00%	10/31/17	\$ 4,755	\$ 3,996,962
Synthetic LOC	3.98%	02/28/14	733	638,000
NRG Energy, Inc., New Term Loan B	4.00%	07/02/18	3,626	3,598,678
Star West Generation LLC, Term Loan B	6.00%	05/17/18	6,458	6,296,467
Texas Competitive Electric Holdings Co., LLC, Extended Term Loan	4.74%	10/10/17	10,251	5,978,102
Term Loan	3.74%	10/10/14	17,060	10,475,152
TPF Generation Holdings LLC, Second Lien Term Loan C	4.72%	12/15/14	3,902	3,817,342
				46,145,932
Total Variable Rate Senior Loan Interests				1,139,289,883
U.S. Dollar Denominated Bonds and Notes 10.33%				
Air Transport 0.83%				
Air Lease Corp.	7.38%	01/30/19	5,971	6,150,130
Continental Airlines, Inc. ⁽ⁱ⁾	6.75%	09/15/15	1,110	1,121,100
				7,271,230
Automotive 0.13%				
Goodyear Tire & Rubber Co.	7.00%	05/15/22	1,190	1,172,150
Cable & Satellite Television 1.07%				
Cequel Communications, LLC	8.63%	11/15/17	2,686	2,827,015

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UPC Broadband Holdings, B.V. (Netherlands)	6.63%	07/01/20	1,116	1,104,983
UPC Broadband Holdings, B.V. (Netherlands)	7.25%	11/15/21	4,972	5,146,779
UPC Broadband Holdings, B.V. (Netherlands)	6.88%	01/15/22	263	260,449
				9,339,226

Casinos & Gaming 0.10%

Chester Downs & Marina LLC	9.25%	01/15/20	838	875,710
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Chemicals & Plastics 0.11%

INEOS Holdings Ltd. (United Kingdom)	8.38%	02/15/19	367	378,928
INEOS Holdings Ltd. (United Kingdom)	7.50%	05/01/20	234	232,830
Taminco Global Chemical Corp.	9.75%	03/31/20	337	347,110
				958,868

Containers & Glass Products 1.68%

Berry Plastics Holding Inc. ^(k)	5.22%	02/15/15	6,240	6,210,360
Reynolds Group Holdings Inc.	7.88%	08/15/19	4,997	5,296,820
Reynolds Group Holdings Inc.	9.88%	08/15/19	3,172	3,172,000
				14,679,180

Ecological Services & Equipment 0.08%

Environmental Systems Products Holdings, Inc. ^(c)	16.00%	12/31/19	692	691,740
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Food Products 0.16%

Post Holdings Inc.	7.38%	02/15/22	1,343	1,373,218
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Forest Products 0.28%

Verso Paper Holdings, LLC	11.75%	01/15/19	2,428	2,440,140
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Healthcare 1.68%

Accellent Inc.	8.38%	02/01/17	2,566	2,559,585
Accellent Inc.	10.00%	11/01/17	1,208	975,460
Apria Healthcare Group, Inc. ^(j)	11.25%	11/01/14	6,167	6,351,667

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

Invesco Van Kampen Senior Income Trust

	Interest Rate	Maturity Date	Principal Amount (000)	Value
Healthcare (continued)				
Community Health Systems, Inc.	8.00%	11/15/19	\$ 2,064	\$ 2,120,760
DJO Finance LLC	8.75%	03/15/18	1,943	1,967,287
Kindred Healthcare, Inc.	8.25%	06/01/19	808	713,060
				14,687,819
Home Furnishings 0.08%				
Targus Group International, Inc. (Acquired 12/16/09-12/14/10; Cost \$2,251,964) ^{(c)(i)}	10.00%	06/14/19	745	745,446
Oil & Gas 0.84%				
Coffeyville Resources LLC	9.00%	04/01/15	4,498	4,812,860
NGPL PipeCo LLC	9.63%	06/01/19	1,174	1,212,155
Targa Resources Partners L.P.	6.38%	08/01/22	1,315	1,318,287
				7,343,302
Surface Transport 0.11%				
Avis Budget Car Rental LLC	8.25%	01/15/19	962	995,670
Telecommunications 1.41%				
Goodman Networks, Inc.	12.13%	07/01/18	3,650	3,709,312
Paetec Holding Corp.	8.88%	06/30/17	756	814,590
Wind Telecomunicazioni S.p.A. (Italy)	7.25%	02/15/18	4,484	3,878,660
Wind Telecomunicazioni S.p.A. (Italy)	7.25%	02/15/18	1,634	1,405,240
Windstream Corp.	7.50%	06/01/22	2,565	2,500,875
				12,308,677
Utilities 1.77%				

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Calpine Corp.	7.25%	10/15/17	1,021	1,082,260
Calpine Corp. (i)	7.50%	02/15/21	5,468	5,741,399
Calpine Corp. (i)	7.88%	01/15/23	873	927,035
NRG Energy, Inc.	7.63%	05/15/19	7,920	7,781,400
				15,532,094
Total U.S. Dollar Denominated Bonds and Notes				90,414,470
Structured Products 4.04%				
Apidos Cinco CDO Ltd. (Cayman Islands) (k)	4.72%	05/14/20	772	546,216
Apidos Quattro CDO Ltd. (Cayman Islands) (j)(k)	4.07%	01/20/19	1,040	728,623
Ares XI CLO Ltd. (k)	3.47%	10/11/21	1,851	1,367,689
Atrium IV CDO Corp.	9.18%	06/08/19	268	233,841
Banc of America Large Loan (k)	1.99%	11/15/13	13,574	12,700,983
Columbus Nova CLO Ltd. (k)	4.07%	05/16/19	1,431	946,272
Flagship CLO VI (k)	5.22%	06/10/21	2,565	1,764,109
Flagship CLO VI (k)	5.22%	06/10/21	755	519,593
Four Corners CLO II, Ltd. (k)	2.32%	01/26/20	324	236,472
Four Corners CLO II, Ltd. (k)	2.32%	01/26/20	108	78,824
Genesis CLO 2007-1 Ltd. (k)	6.97%	10/10/14	2,254	2,045,763
Halcyon Loan Investors CLO II, Ltd. (Cayman Islands) (j)(k)	4.07%	04/24/21	1,009	680,843
ING Investment Management CLO III, Ltd. (Cayman Islands) (j)(k)	3.97%	12/13/20	3,038	1,948,087
ING Investment Management CLO IV, Ltd. (Cayman Islands) (k)	4.72%	06/14/22	437	300,026
Madison Park Funding IV Ltd. (j)(k)	4.07%	03/22/21	3,176	2,189,783
Pacifica CDO VI, Ltd. (k)	4.22%	08/15/21	1,247	807,603
Sierra CLO II Ltd. (k)	3.97%	01/22/21	1,829	1,208,954

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Silverado CLO 2006-II Ltd. ^(k)	4.22%	10/16/20	2,210	1,516,306
Symphony CLO IX, Ltd. ^(k)	5.37%	04/16/22	4,258	3,593,752
Symphony CLO VIII, Ltd. ^(k)	6.33%	01/09/23	2,317	1,954,901
Total Structured Products				35,368,640

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

	Shares	Value
Common Stocks & Other Equity Interests 1.52%		
Building & Development 0.40%		
Axia Acquisition Corp. ^{(f)(g)(j)}	595	\$ 1,488,675
Building Materials Holding Corp. ^{(g)(j)}	923,526	1,108,231
Lake at Las Vegas Joint Venture, LLC Class A, (Acquired 07/15/10; Cost \$7,937,680) ^{(g)(j)}	780	0
Lake at Las Vegas Joint Venture, LLC Class B, (Acquired 07/15/10; Cost \$93,970) ^{(g)(j)}	9	0
Lake at Las Vegas Joint Venture, LLC Class C, Wts., expiring 07/15/15 (Acquired 07/15/10; Cost \$0) ^{(g)(j)}	39	0
Lake at Las Vegas Joint Venture, LLC Class D, Wts., expiring 07/15/15 (Acquired 07/15/10; Cost \$0) ^{(g)(j)}	54	0
Lake at Las Vegas Joint Venture, LLC Class E, Wts., expiring 07/15/15 (Acquired 07/15/10; Cost \$0) ^{(g)(j)}	60	0
Lake at Las Vegas Joint Venture, LLC Class F, Wts., expiring 07/15/15 (Acquired 07/15/10; Cost \$0) ^{(g)(j)}	67	0
Lake at Las Vegas Joint Venture, LLC Class G, Wts., expiring 07/15/15 (Acquired 07/15/10; Cost \$0) ^{(g)(j)}	76	0
Newhall Holding Co., LLC Class A, ^{(g)(j)}	343,321	423,315
WCI Communities, Inc. ^{(g)(j)}	6,756	472,920
		3,493,141
Business Equipment & Services 0.00%		
Comdisco Holdings Co., Inc. ^{(g)(j)}	7	35
Chemicals & Plastics 0.28%		
LyondellBasell Industries N.V. (Netherlands) Class A, ^(g)	53,283	2,102,547

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Metokote Corp. Wts., expiring 11/22/23 (Acquired 12/05/11-05/22/12; Cost \$0) ⁽ⁱ⁾	278	287,420
		2,389,967
Conglomerates 0.14%		
Euramax International, Inc. ^{(g)(i)}	4,207	1,220,059
Cosmetics & Toiletries 0.15%		
Marietta Intermediate Holding Corp. (Acquired 09/25/06; Cost \$2,287,974) ^{(g)(i)}	2,023,400	1,335,444
Marietta Intermediate Holding Corp. Wts., expiring 02/20/19 (Acquired 12/22/04; Cost \$0) ^{(g)(i)}	247,917	0
		1,335,444
Ecological Services & Equipment 0.12%		
Environmental Systems Products Holdings, Inc. (Acquired 09/12/07; Cost \$0) ^{(g)(i)}	9,333	1,045,296
Financial Intermediaries 0.00%		
RJO Holdings Corp. ⁽ⁱ⁾	1,482	14,816
RJO Holdings Corp. Class A ⁽ⁱ⁾	1,142	571
RJO Holdings Corp. Class B ⁽ⁱ⁾	1,667	833
		16,220
Home Furnishings 0.02%		
Generation Brands LLC (Acquired 01/29/10; Cost \$0) ⁽ⁱ⁾	4,863	0
Targus Group International, Inc. (Acquired 12/16/09; Cost \$0) ^{(g)(i)}	27,462	198,276
		198,276
Leisure Goods, Activities & Movies 0.02%		
MEGA Brands, Inc.	27,683	172,072
Lodging & Casinos 0.18%		
Wembley, Inc. Class A ^(g)	134,134	1,596,195
Wembley, Inc. Class B ^(g)	1,250	6,250
		1,602,445

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

	Shares	Value
Oil & Gas 0.12%		
Vitruvian Exploration LLC ^(g)	40,110	\$ 1,072,942
Publishing 0.08%		
Affiliated Media, Inc. ^(g)	46,746	607,693
Cygnus Business Media, Inc. (Acquired 07/18/04; Cost \$1,251,821) ^{(f)(g)(i)}	5,882	0
Endurance Business Media, Inc. Class A, ^{(f)(g)}	8,863	88,633
F&W Publications, Inc. ^(g)	15,519	2,017
F&W Publications, Inc. Wts., expiring 06/09/14 ^(g)	2,291	298
MC Communications, LLC (Acquired 07/02/09; Cost \$0) ^{(g)(i)}	333,084	0
SuperMedia, Inc. ^(g)	2,333	6,043
		704,684
Radio & Television 0.00%		
AR Broadcasting, LLC Wts., expiring 02/15/18 (Acquired 02/17/12; Cost \$0) ^{(g)(i)}	768	0
Cumulus Media, Inc. Wts., expiring 06/29/19 (Acquired 01/14/10; Cost \$0) ^{(g)(i)}	7,614	12,410
		12,410
Telecommunications 0.00%		
CTM Media Holdings Inc. Class B, ^(g)	127	5,867
Utilities 0.01%		
Genie Energy Ltd. Class B,	7,632	51,058
Total Common Stocks & Other Equity Interests		13,319,916

Preferred Stocks 0.04%**Ecological Services & Equipment 0.04%**

Environmental Systems Products Holdings, Inc. (Acquired 09/12/07; Cost \$53,400) ⁽ⁱ⁾	2,136	363,120
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Financial Intermediaries 0.00%

RTS Investor Corp.	324	24,983
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Total Preferred Stocks		388,103
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Time Deposit 0.61%

State Street Bank & Trust Co. (\$5,369,797 principal, 0.01% coupon, dated 05/31/12, to be sold on 06/01/12 at \$5,369,798)		5,369,797
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TOTAL INVESTMENTS 146.67% (Cost \$1,368,796,519)		1,284,150,809
BORROWINGS (17.93)%		(157,000,000)

PREFERRED SHARES (22.84)%		(200,000,000)
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OTHER ASSETS LESS LIABILITIES (5.90)%		(51,622,783)
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NET ASSETS APPLICABLE TO COMMON SHARES 100.00%		\$ 875,528,026
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Investment Abbreviations:

CDO	Collateralized Debt Obligation
DIP	Debtor-in-possession
LOC	Letter of Credit
PIK	Payment in Kind
REIT	Real Estate Investment Trust
Wts.	Warrants

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

Invesco Van Kampen Senior Income Trust

Notes to Schedule of Investments:

- (a) Senior secured corporate loans and senior secured debt securities are, at present, not readily marketable, not registered under the Securities Act of 1933, as amended and may be subject to contractual and legal restrictions on sale. Senior secured corporate loans and senior secured debt securities in the Fund's portfolio generally have variable rates which adjust to a base, such as the London Inter-Bank Offered Rate (LIBOR), on set dates, typically every 30 days but not greater than one year; and/or have interest rates that float at a margin above a widely recognized base lending rate such as the Prime Rate of a designated U.S. bank.
- (b) Senior secured floating rate interests often require prepayments from excess cash flow or permit the borrower to repay at its election. The degree to which borrowers repay, whether as a contractual requirement or at their election, cannot be predicted with accuracy. As a result, the actual remaining maturity may be substantially less than the stated maturities shown. However, it is anticipated that the senior secured floating rate interests will have an expected average life of three to five years.
- (c) All or a portion of this security is Payment-in-Kind.
- (d) All or a portion of this holding is subject to unfunded loan commitments. See Note 4.
- (e) This floating rate interest will settle after May 31, 2012, at which time the interest rate will be determined.
- (f) Affiliated company. As defined by the Investment Company Act of 1940, an affiliated company is one in which the Fund owns 5% or more of the outstanding voting securities or a company which is under common ownership or control.
- (g) Non-income producing securities acquired through the restructuring of senior loans.
- (h) The borrower has filed for protection in federal bankruptcy court.
- (i) Defaulted security. Currently, the issuer is in default with respect to interest payments. The value of this security at May 31, 2012 represented 2.12% of the Trust's Net Assets.
- (j) 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, 2012 was \$28,405,404, which represented 3.24% of the Trust's Net Assets.
- (k) Interest or dividend rate is redetermined periodically. Rate shown is the rate in effect on May 31, 2012.

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, 2012

(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.

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. 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.

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.

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 economic 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. Paydown gains and losses on mortgage and asset-backed securities are recorded as adjustments to interest income. 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 Fund investments. As such, the Trust 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.

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. 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.

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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 Trust 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. If a counterparty becomes bankrupt or otherwise fails to perform its obligations due to financial difficulties, the Trust may experience significant delays in obtaining any recovery in a bankruptcy or other reorganization proceeding. The Trust may obtain only limited recovery or may obtain no recovery in such 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 difficult to sell or liquidate; the counterparty does not honor its obligations under the agreement and unfavorable interest rates and market fluctuations.

F. Industry Concentration To the extent that the Trust is concentrated in securities of issuers in the banking and financial services industries, the Trust'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.

G. Leverage Risk The Trust may utilize leverage to seek to enhance the yield of the Trust 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 Trust's leverage strategy will be successful.

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H. 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.

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 board 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 Trust has unsettled or open transactions may fail to or be unable to perform on its commitments. The Trust manages 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.

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.

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, 2012. 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 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.

Level 1	Level 2	Level 3	Total
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Variable Rate Senior Loan Interests	\$	\$ 1,138,133,522	\$ 1,156,361	\$ 1,139,289,883
Notes		89,669,024	745,446	90,414,470
Structured Products		35,368,640		35,368,640
Equity Securities	2,337,622	8,140,842	3,229,555	13,708,019
Time Deposits		5,369,797		5,369,797
Total Investments	\$ 2,337,622	\$ 1,276,681,825	\$ 5,131,362	\$ 1,284,150,809

Invesco Van Kampen Senior Income Trust

NOTE 3 Investments in Other Affiliates

The 1940 Act defines affiliates as those issuances in which a fund holds 5% or more of the outstanding voting securities. The Trust has not owned enough of the outstanding voting securities of the issuer to have control (as defined in the 1940 Act) of that issuer. The following is a summary of the investments in affiliates for the three months ended May 31, 2012.

	Value	Purchases	Proceeds	Change in Unrealized Appreciation	Realized Gain	Value	Dividend Income
	02/29/12	at Cost	from Sales	(Depreciation)	(Loss)	05/31/12	
Axia Acquisition Corp. PIK Second Lien Term Loan A	\$ 680,040	\$ 3,055,149	\$ (3,055,149)	\$ 137,339	\$	\$ 817,379	\$ 21,263
Axia Acquisition Corp. Second Lien Term Loan B	1,198,633	5,531,844	(5,515,342)	204,046		1,419,181	16,781
Axia Acquisition Corp. Common Shares	1,488,675					1,488,675	
Axia Acquisition Corp. Revolver Loan	1,804,256			(154,651)		1,649,605	
Cygnus Business Media Inc. Common Shares	0					0	
Cygnus Business Media Inc. PIK Term Loan	1,771,501	3,893,527	(3,906,454)	7,007	103	1,765,684	33,877
Endurance Business Media, Inc. - Common Shares	88,633					88,633	

Endurance Business Media, Inc. First Lien Term Loan	865,245	4,533,728	(4,543,230)	10,107	(2,980)	862,870	39,261
Total	\$ 7,896,983	\$ 17,014,248	\$ (17,020,175)	\$ 203,848	(2,877)	\$ 8,092,027	\$ 111,182

NOTE 4 Unfunded Loan Commitments

As of May 31, 2012, the Trust had unfunded loan commitments, which could be extended at the option of the borrower, pursuant to the following loan agreements with the following borrowers:

Borrower	Type	Principal Amount	Value
Axia Acquisition Corp.	Revolver	\$ 2,062,007	\$ 1,649,605
Bright Horizons Family Solutions	Revolver	6,000,000	5,945,220
Clarke American Corp.	Revolver	2,060,486	1,838,984
Delta Air Lines, Inc.	Revolver	2,500,000	2,457,825
Education Management LLC	Revolver	3,000,000	2,547,390
GateHouse Media Operating, Inc.	Revolver	1,000,000	850,000
General Motors Holdings	Revolver	10,576,720	9,519,048
Hunter Fan Co.	Revolver	708,333	633,958
Lake at Las Vegas Joint Venture	Exit Revolver	21,384	19,780
Lake at Las Vegas Joint Venture	Term Loan	12,779	12,787
Realogy Corp.	Revolver	3,254,933	2,772,129
Surgical Care Affiliates, Inc.	Extended Revolver	3,000,000	2,851,200
USI Holdings Corp.	Revolver	2,500,000	2,300,000
Wendy's International, Inc.	Delayed Draw Term Loan	1,628,754	1,613,631
		\$ 38,325,396	\$ 35,011,557

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, 2012 was \$352,657,455 and \$363,038,369, 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	\$ 11,808,296
Aggregate unrealized (depreciation) of investment securities	(112,433,537)
Net unrealized appreciation (depreciation) of investment securities	\$ (100,625,241)

Cost of investments for tax purposes is \$1,384,776,050.

NOTE 6 Senior Loan Participation Commitments

The Trust invests in participations, assignments, or acts as a party to the primary lending syndicate of a Senior Loan interest to corporations, partnerships, and other entities. When the Trust purchases a participation of a Senior Loan interest, the Trust typically enters into a contractual agreement with the lender or other third party selling the participation, but not with the borrower directly. As such, the Trust assumes the credit risk of the borrower, selling participant or other persons interpositioned between the Trust and the borrower.

As of May 31, 2012, the following sets forth the selling participants with respect to interest in Senior Loans purchased by the Trust on a participation basis.

Selling Participant	Principal Amount	Value
Credit Suisse AG, Cayman Branch	\$ 2,949,737	\$ 2,654,763
Goldman Sachs Lending Partners LLC	4,639,549	4,175,594
Goldman Sachs Lending Partners LLC	2,250,000	2,025,000
Goldman Sachs Lending Partners LLC	737,434	663,691
Total	\$ 10,576,720	\$ 9,519,048

Invesco Van Kampen Senior Income Trust

Item 2. Controls and Procedures.

- (a) As of June 12, 2012, 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 12, 2012, 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 30, 2012

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 30, 2012

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

Date: July 30, 2012

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.