Delaware Investments National Municipal Income Fund Form N-CSRS December 06, 2017

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM N-CSR

CERTIFIED SHAREHOLDER REPORT OF REGISTERED MANAGEMENT INVESTMENT COMPANIES

Investment Company Act file number: 811-07410

Exact name of registrant as specified in charter: Delaware Investments National Municipal

Income Fund

Address of principal executive offices: 2005 Market Street

Philadelphia, PA 19103

Name and address of agent for service: David F. Connor, Esq.

2005 Market Street Philadelphia, PA 19103

Registrant s telephone number, including area code: (800) 523-1918

Date of fiscal year end: March 31

Date of reporting period: September 30, 2017

Item 1. Reports to Stockholders

Table of Contents

Closed-end funds

Delaware Funds by Macquarie Closed-End Municipal Bond Funds

September 30, 2017

The figures in the semiannual report for Delaware Funds by Macquarie Closed-End Municipal Bond Funds represent past results, which are not a guarantee of future results. A rise or fall in interest rates can have a significant impact on bond prices. Funds that invest in bonds can lose their value as interest rates rise.

Table of contents

Fund basics	1
Security type / sector / state allocations	2
Schedules of investments	4
Statements of assets and liabilities	23
Statements of operations	24
Statements of changes in net assets	25
Statements of cash flows	27
<u>Financial highlights</u>	28
Notes to financial statements	31
Other Fund information	38
About the organization	43

Macquarie Investment Management (MIM), a member of Macquarie Group, refers to the companies comprising the asset management division of Macquarie Group Limited (MGL) and its subsidiaries and affiliates worldwide. MGL is a global provider of banking, financial, advisory, investment, and funds management services. For more information, including press releases, please visit delawarefunds.com/closed-end.

Unless otherwise noted, views expressed herein are current as of Sept. 30, 2017, and subject to change for events occurring after such date.

The Funds are not FDIC insured and are not guaranteed. It is possible to lose the principal amount invested.

Mutual fund advisory services provided by Delaware Management Company, a series of MIMBT, which is a US registered investment advisor.

Other than Macquarie Bank Limited (MBL), none of the entities noted are authorized deposit-taking institutions for the purposes of the Banking Act 1959 (Commonwealth of Australia). The obligations of these entities do not represent deposits or other liabilities of MBL. MBL does not guarantee or otherwise provide assurance in respect of the obligations of these entities, unless noted otherwise. The Funds are governed by US laws and regulations.

All third-party marks cited are the property of their respective owners.

©2017 Macquarie Management Holdings, Inc. (formerly, Delaware Management Holdings, Inc.)

Table of Contents
Fund basics
Delaware Investments®
Colorado Municipal Income Fund, Inc.
As of September 30, 2017 (Unaudited)
Fund objective
The Fund seeks to provide current income exempt from both regular federal income tax and Colorado state personal income tax, consistent with the preservation of capital.
Total Fund net assets
\$73 million
Number of holdings
103
Fund start date
July 29, 1993
NYSE MKT symbol
VCF
CUSIP number
246101109
Delaware Investments
Minnesota Municipal Income Fund II, Inc.
As of September 30, 2017 (Unaudited)
Fund objective

4

The Fund seeks to provide current income exempt from both regular federal income tax and Minnesota state personal

income tax, consistent with the preservation of capital.

Total Fund net assets
\$168 million
Number of holdings
191
Fund start date
Feb. 26, 1993
NYSE MKT symbol
VMM
CUSIP number
24610V103
Delaware Investments
National Municipal Income Fund
As of September 30, 2017 (Unaudited)
Fund objective
The Fund seeks to provide current income exempt from regular federal income tax, consistent with the preservation of capital.
Total Fund net assets
\$66 million
Number of holdings
182
Fund start date
Feb. 26, 1993
NYSE MKT symbol

VFL

CUSIP number

24610T108

1

Security type / sector / state allocations

As of September 30, 2017 (Unaudited)

Sector designations may be different than the sector designations presented in other Fund materials.

Delaware Investments®

Colorado Municipal Income Fund, Inc.

	Percentage
	of net
Security type / sector	assets
Municipal Bonds*	140.47%
Corporate-Backed Revenue Bonds	5.15%
Education Revenue Bonds	23.95%
Electric Revenue Bonds	2.84%
Healthcare Revenue Bonds	38.84%
Lease Revenue Bonds	7.22%
Local General Obligation Bonds	14.04%
Pre-Refunded/Escrowed to Maturity Bonds	11.54%
Special Tax Revenue Bonds	26.75%
Transportation Revenue Bonds	9.42%
Water & Sewer Revenue Bonds	0.72%
Short-Term Investment	0.41%
Total Value of Securities	140.88%
Liquidation Value of Preferred Stock	(40.85)%
Liabilities Net of Receivables and Other Assets	(0.03)%
Total Net Assets	$\boldsymbol{100.00\%}$

^{*} As of the date of this report, Delaware Investments Colorado Municipal Income Fund, Inc. held bonds issued by or on behalf of territories and the states of the United States as follows:

	Percentage
	of net
State / territory	assets
Colorado	138.73%
Guam	1.43%
US Virgin Islands	0.72%
Total Value of Securities	140.88%

Delaware Investments Minnesota Municipal Income Fund II, Inc.

	Percentage
	of net
Sector type / sector	assets
Municipal Bonds*	143.21%
Corporate-Backed Revenue Bonds	2.90%
Education Revenue Bonds	16.63%
Electric Revenue Bonds	13.17%
Healthcare Revenue Bonds	29.23%
Housing Revenue Bonds	2.03%
Lease Revenue Bonds	9.76%
Local General Obligation Bonds	13.84%
Pre-Refunded/Escrowed to Maturity Bonds	29.13%
Special Tax Revenue Bonds	2.66%
State General Obligation Bonds	14.99%
Transportation Revenue Bonds	7.66%
Water & Sewer Revenue Bonds	1.21%
Short-Term Investments	0.37%
Total Value of Securities	143.58%
Liquidation Value of Preferred Stock	(44.51)%
Receivables and Other Assets Net of Liabilities	0.93%
Total Net Assets	$\boldsymbol{100.00\%}$

^{*} As of the date of this report, Delaware Investments Minnesota Municipal Income Fund II, Inc. held bonds issued by or on behalf of territories and the states of the United States as follows:

	Percentage of net
State / territory	assets
Guam	0.55%
Minnesota	143.03%

143.58%

2

Delaware Investments®

National Municipal Income Fund

	Percentage
	of net
Security type / sector	assets
Municipal Bonds*	142.57%
Corporate-Backed Revenue Bonds	10.60%
Education Revenue Bonds	22.42%
Electric Revenue Bonds	3.35%
Healthcare Revenue Bonds	24.65%
Housing Revenue Bond	0.66%
Lease Revenue Bonds	10.44%
Local General Obligation Bonds	3.45%
Pre-Refunded/Escrowed to Maturity Bonds	18.78%
Special Tax Revenue Bonds	12.34%
State General Obligation Bonds	6.82%
Transportation Revenue Bonds	24.56%
Water & Sewer Revenue Bonds	4.50%
Short-Term Investment	0.53%
Total Value of Securities	143.10%
Liquidation Value of Preferred Stock	(45.19)%
1	
Receivables and Other Assets Net of Liabilities	2.09%
Total Net Assets	100.00%

* As of the date of this report, Delaware Investments National Municipal Income Fund held bonds issued by or on behalf of territories and the states of the United States as follows:

	Percentage
	of net
State / territory	assets
Alabama	0.84%
Alaska.	0.51%
Arizona	7.23%
California	20.87%
Colorado	1.40%
District of Columbia	1.78%
Florida	5.67%
Georgia	3.15%
Guam	2.13%
Hawaii	0.49%
Idaho	1.55%
Illinois	6.38%
Indiana	0.97%
Kansas	0.36%
Louisiana	4.97%
Maine	0.49%
Maryland	2.63%
Massachusetts	1.67%
Michigan	1.68%
Minnesota	5.20%
Mississippi	0.53%
Missouri	4.03%
Montana	1.10%
New Hampshire	0.49%
New Jersey	6.34%
New Mexico	0.81%
New York	19.61%
Ohio	3.96%
Oregon	3.73%
Pennsylvania	15.48%
Texas	11.88%
Utah	1.10%
Virginia	0.86%
Washington	1.34%
Wisconsin	1.46%
Wyoming	0.41%

To	tal Value of Securities	143.10%

3

Schedules of investments

Delaware Investments® Colorado Municipal Income Fund, Inc.

September 30, 2017 (Unaudited)

Corporate-Backed Revenue Bonds 5.15%		Principal Amount°		Value (US \$)
Denver City & County	Municipal Bonds 140.47%			
(United Airlines Project) 5.00% 10/1/32 (AMT) 215,000 \$ 234,410 Public Authority for Colorado Energy Revenue 6.25% 11/15/28 865,000 1,093,611 Public Authority of Colorado Energy Natural Gas Revenue Series 2008 6.50% 11/15/38 1,750,000 2,457,437 3,785,458				
Public Authority for Colorado Energy Revenue 6.25% 11/15/28 865,000 1,093,611	- · · · · · · · · · · · · · · · · · · ·	215,000	\$	234,410
Public Authority of Colorado Energy Natural Gas Revenue Series 2008 6.50% 11/15/38 1,750,000 2,457,437			,	
Series 2008 6.50% 11/15/38 1,750,000 2,457,437		,		, , .
Education Revenue Bonds 23.95% Colorado Educational & Cultural Facilities Authority Revenue 144A 5.00% 7/1/36 # 500,000 510,595 5.125% 11/1/49 765,000 780,560 144A 5.25% 7/1/46 # 500,000 512,840 (Academy Charter School Project) 5.50% 5/1/36 (SGI) 1,720,000 1,725,401 (Alexander Dawson School-Nevada Project) 5.00% 5/15/29 760,000 900,646 (Charter School - Atlas Preparatory School) 144A 5.25% 4/1/45 # 700,000 700,000 (Charter School - Community Leadership Academy) 7.45% 8/1/48 500,000 579,705 (Charter School - Peak to Peak Charter) 5.00% 8/15/34 1,000,000 1,092,220 (Improvement - Charter School - University Lab School Building) 144A 5.00% 12/15/45 # 500,000 525,380 (Johnson & Wales University) Series A 5.25% 4/1/37 900,000 1,004,967 (Liberty Charter School) Series A 5.00% 1/15/44 1,000,000 1,074,090 (Littleton Charter School Project) 4.375% 1/15/36 (AGC) 1,200,000 1,202,316 (Loveland Classical Schools) 144A 5.00% 7/1/36 # 625,000 639,775 Principal Amount° (US \$) Municipal Bonds (continued)		1,750,000		2,457,437
Colorado Educational & Cultural Facilities Authority Revenue	Education Revenue Randa 22.05%			3,785,458
144A 5.00% 7/1/36 # 500,000 510,595 5.125% 11/1/49 765,000 780,560 144A 5.25% 7/1/46 # 500,000 512,840 (Academy Charter School Project) 5.50% 5/1/36 (SGI) 1,720,000 1,725,401 (Alexander Dawson School-Nevada Project) 5.00% 5/15/29 760,000 900,646 (Charter School - Atlas Preparatory School) 144A 5.25% 4/1/45 # 700,000 700,000 (Charter School - Community Leadership Academy) 7.45% 8/1/48 500,000 579,705 (Charter School - Peak to Peak Charter) 5.00% 8/15/34 1,000,000 1,092,220 (Improvement - Charter School - University Lab School Building) 144A 5.00% 12/15/45 # 500,000 525,380 (Johnson & Wales University) Series A 5.25% 4/1/37 900,000 1,004,967 (Liberty Charter School) Series A 5.00% 1/15/44 1,000,000 1,074,090 (Littleton Charter School Project) 4.375% 1/15/36 (AGC) 1,200,000 1,202,316 (Loveland Classical Schools) 144A 5.00% 7/1/36 # 625,000 639,775 Principal Amount° Value Amount° Value				
5.125% 11/1/49 765,000 780,560 144A 5.25% 7/1/46 # 500,000 512,840 (Academy Charter School Project) 5.50% 5/1/36 (SGI) 1,720,000 1,725,401 (Alexander Dawson School-Nevada Project) 5.00% 5/15/29 760,000 900,646 (Charter School - Atlas Preparatory School) 144A 5.25% 4/1/45 # 700,000 700,000 (Charter School - Community Leadership Academy) 7.45% 8/1/48 500,000 579,705 (Charter School - Peak to Peak Charter) 5.00% 8/15/34 1,000,000 1,092,220 (Improvement - Charter School - University Lab School Building) 144A 5.00% 12/15/45 # 500,000 525,380 (Johnson & Wales University) Series A 5.25% 4/1/37 900,000 1,004,967 (Liberty Charter School) Series A 5.00% 1/15/44 1,000,000 1,074,090 (Littleton Charter School Project) 4.375% 1/15/36 (AGC) 1,200,000 1,202,316 (Loveland Classical Schools) 144A 5.00% 7/1/36 # 625,000 639,775 Principal Amount° Value Amount° (US \$)	•	500,000		510 505
144A 5.25% 7/1/46 # 500,000 512,840 (Academy Charter School Project) 5.50% 5/1/36 (SGI) 1,720,000 1,725,401 (Alexander Dawson School-Nevada Project) 5.00% 5/15/29 760,000 900,646 (Charter School - Atlas Preparatory School) 144A 5.25% 4/1/45 # 700,000 700,000 (Charter School - Community Leadership Academy) 7.45% 8/1/48 500,000 579,705 (Charter School - Peak to Peak Charter) 5.00% 8/15/34 1,000,000 1,092,220 (Improvement - Charter School - University Lab School Building) 144A 5.00% 12/15/45 # 500,000 525,380 (Johnson & Wales University) Series A 5.25% 4/1/37 900,000 1,004,967 (Liberty Charter School) Series A 5.00% 1/15/44 1,000,000 1,074,090 (Littleton Charter School Project) 4.375% 1/15/36 (AGC) 1,200,000 1,202,316 (Loveland Classical Schools) 144A 5.00% 7/1/36 # 625,000 639,775 Principal Amount° Value Amount° Municipal Bonds (continued)				
(Academy Charter School Project) 5.50% 5/1/36 (SGI) 1,720,000 1,725,401 (Alexander Dawson School-Nevada Project) 5.00% 5/15/29 760,000 900,646 (Charter School - Atlas Preparatory School) 144A 5.25% 4/1/45 # 700,000 700,000 (Charter School - Community Leadership Academy) 7.45% 8/1/48 500,000 579,705 (Charter School - Peak to Peak Charter) 5.00% 8/15/34 1,000,000 1,092,220 (Improvement - Charter School - University Lab School Building) 500,000 525,380 (Johnson & Wales University) Series A 5.25% 4/1/37 900,000 1,004,967 (Liberty Charter School) Series A 5.00% 1/15/44 1,000,000 1,074,090 (Littleton Charter School Project) 4.375% 1/15/36 (AGC) 1,200,000 1,202,316 (Loveland Classical Schools) 144A 5.00% 7/1/36 # 625,000 639,775 Principal Amount° Value Amount° Municipal Bonds (continued)		· · · · · · · · · · · · · · · · · · ·		
(Alexander Dawson School-Nevada Project) 5.00% 5/15/29 760,000 900,646 (Charter School - Atlas Preparatory School) 144A 5.25% 4/1/45 # 700,000 700,000 (Charter School - Community Leadership Academy) 7.45% 8/1/48 500,000 579,705 (Charter School - Peak to Peak Charter) 5.00% 8/15/34 1,000,000 1,092,220 (Improvement - Charter School - University Lab School Building) 500,000 525,380 (Johnson & Wales University) Series A 5.25% 4/1/37 900,000 1,004,967 (Liberty Charter School) Series A 5.00% 1/15/44 1,000,000 1,074,090 (Littleton Charter School Project) 4.375% 1/15/36 (AGC) 1,200,000 1,202,316 (Loveland Classical Schools) 144A 5.00% 7/1/36 # 625,000 639,775 Principal Amount° Value Amount° Municipal Bonds (continued)		· · · · · · · · · · · · · · · · · · ·		,
(Charter School - Atlas Preparatory School) 144A 5.25% 4/1/45 # 700,000 700,000 (Charter School - Community Leadership Academy) 7.45% 8/1/48 500,000 579,705 (Charter School - Peak to Peak Charter) 5.00% 8/15/34 1,000,000 1,092,220 (Improvement - Charter School - University Lab School Building) 500,000 525,380 (Johnson & Wales University) Series A 5.25% 4/1/37 900,000 1,004,967 (Liberty Charter School) Series A 5.00% 1/15/44 1,000,000 1,074,090 (Littleton Charter School Project) 4.375% 1/15/36 (AGC) 1,200,000 1,202,316 (Loveland Classical Schools) 144A 5.00% 7/1/36 # 625,000 639,775 Principal Amount° Value Amount° Municipal Bonds (continued)	· · · · · · · · · · · · · · · · · · ·	· · ·		
(Charter School - Community Leadership Academy) 7.45% 8/1/48 500,000 579,705 (Charter School - Peak to Peak Charter) 5.00% 8/15/34 1,000,000 1,092,220 (Improvement - Charter School - University Lab School Building) 500,000 525,380 (Johnson & Wales University) Series A 5.25% 4/1/37 900,000 1,004,967 (Liberty Charter School) Series A 5.00% 1/15/44 1,000,000 1,074,090 (Littleton Charter School Project) 4.375% 1/15/36 (AGC) 1,200,000 1,202,316 (Loveland Classical Schools) 144A 5.00% 7/1/36 # 625,000 639,775 Principal Amount° Value (US \$)	· · · · · · · · · · · · · · · · · · ·			
(Charter School - Peak to Peak Charter) 5.00% 8/15/34 1,000,000 1,092,220 (Improvement - Charter School - University Lab School Building) 500,000 525,380 144A 5.00% 12/15/45 # 500,000 525,380 (Johnson & Wales University) Series A 5.25% 4/1/37 900,000 1,004,967 (Liberty Charter School) Series A 5.00% 1/15/44 1,000,000 1,074,090 (Littleton Charter School Project) 4.375% 1/15/36 (AGC) 1,200,000 1,202,316 (Loveland Classical Schools) 144A 5.00% 7/1/36 # 625,000 639,775 Principal Amount° Value (US \$) Municipal Bonds (continued)	• •	· · · · · · · · · · · · · · · · · · ·		
(Improvement - Charter School - University Lab School Building) 500,000 525,380 (Johnson & Wales University) Series A 5.25% 4/1/37 900,000 1,004,967 (Liberty Charter School) Series A 5.00% 1/15/44 1,000,000 1,074,090 (Littleton Charter School Project) 4.375% 1/15/36 (AGC) 1,200,000 1,202,316 (Loveland Classical Schools) 144A 5.00% 7/1/36 # 625,000 639,775 Principal Amount° Value (US \$)				
(Johnson & Wales University) Series A 5.25% 4/1/37 900,000 1,004,967 (Liberty Charter School) Series A 5.00% 1/15/44 1,000,000 1,074,090 (Littleton Charter School Project) 4.375% 1/15/36 (AGC) 1,200,000 1,202,316 (Loveland Classical Schools) 144A 5.00% 7/1/36 # 625,000 639,775 Principal Amount° Value (US \$) Municipal Bonds (continued)	(Improvement - Charter School - University Lab School Building)			
(Liberty Charter School) Series A 5.00% 1/15/44 1,000,000 1,074,090 (Littleton Charter School Project) 4.375% 1/15/36 (AGC) 1,200,000 1,202,316 (Loveland Classical Schools) 144A 5.00% 7/1/36 # 625,000 639,775 Principal Amount° Value (US \$)				
(Littleton Charter School Project) 4.375% 1/15/36 (AGC) 1,200,000 1,202,316 (Loveland Classical Schools) 144A 5.00% 7/1/36 # 625,000 639,775 Principal Amount° Value (US \$) Municipal Bonds (continued)	•	· · · · · · · · · · · · · · · · · · ·		
(Loveland Classical Schools) 144A 5.00% 7/1/36 # 625,000 639,775 Principal Value Amount° (US \$) Municipal Bonds (continued)	· · · · · · · · · · · · · · · · · · ·			
Principal Value Amount° (US \$) Municipal Bonds (continued)	• • • • • • • • • • • • • • • • • • • •			
	(20,011110 011001011 20110010) 1 112010070 772700 11	Principal		Value
	Municipal Bonds (continued)			
	name pur 2014 (continued)			
Education Revenue Bonds (continued)	Education Revenue Bonds (continued)			
Colorado Educational & Cultural Facilities Authority Revenue	· · ·			
(Skyview Charter School) 144A 5.50% 7/1/49 # 750,000 \$ 769,313	(Skyview Charter School) 144A 5.50% 7/1/49 #	750,000	\$	769,313

Edgar Filing: Delaware Investments National Municipal Income Fund - Form N-CSRS

(Student Housing - Campus Village Apartments) 5.00% 6/1/23	1,065,000	1,096,545
(Vail Mountain School Project) 4.00% 5/1/46	25,000	24,999
(Windsor Charter Academy Project) 144A 5.00% 9/1/46 #	500,000	499,475
Colorado School of Mines Series B 5.00% 12/1/42	2,500,000	2,782,125
Colorado State Board of Governors (University Enterprise		
System) Series A 5.00% 3/1/39	10,000	10,508
University of Colorado Series A 5.00% 6/1/33	1,000,000	1,153,130
		17,584,590
Electric Revenue Bonds 2.84%		
Platte River Power Authority Revenue Series JJ 5.00% 6/1/27	1,700,000	2,083,945
		2,083,945
Healthcare Revenue Bonds 38.84%		
Aurora Hospital Revenue (Children s Hospital Association		
Project) Series A 5.00% 12/1/40	2,000,000	2,138,580
Colorado Health Facilities Authority Revenue (Catholic Health	2,000,000	2,130,300
Initiatives)		
Series A 5.00% 7/1/39	750,000	766,643
Series A 5.00% 2/1/41	2,400,000	2,501,640
Series A 5.25% 2/1/33	1,625,000	1,728,561
Series A 5.25% 1/1/45	1,000,000	1,066,960
Series D 6.125% 10/1/28	750,000	786,420
(Christian Living Community Project) 6.375% 1/1/41	615,000	671,838
` J J /	,	,

4

	Principal Amount°	Value (US \$)
Municipal Bonds (continued)		
Healthcare Revenue Bonds (continued)		
Colorado Health Facilities Authority Revenue (Covenant		
Retirement Communities Inc.)		
5.00% 12/1/35	1,000,000	\$ 1,086,790
Series A 5.75% 12/1/36	1,000,000	1,129,200
(Evangelical Lutheran Good Samaritan Society)		
5.00% 6/1/28	1,250,000	1,392,625
5.50% 6/1/33	2,000,000	2,272,320
5.625% 6/1/43	1,000,000	1,126,490
(Frasier Meadows Retirement Community Project) Series A		
5.25% 5/15/37	265,000	287,053
(Healthcare Facilities - American Baptist) 8.00% 8/1/43	500,000	580,875
(Mental Health Center of Denver Project) Series A 5.75% 2/1/44	1,500,000	1,664,205
(National Jewish Health Project) 5.00% 1/1/27	500,000	526,555
(NCMC Project) 4.00% 5/15/32	1,000,000	1,074,710
(Sisters of Charity of Leavenworth Health System) Series A		
5.00% 1/1/40	4,000,000	4,250,480
(Sunny Vista Living Center) Series A 144A 6.25% 12/1/50 #	505,000	534,381
(Vail Valley Medical Center Project) 5.00% 1/15/35	1,250,000	1,424,437
Denver Health & Hospital Authority Health Care Revenue		
(Recovery Zone Facilities) 5.625% 12/1/40	750,000	803,707
University of Colorado Hospital Authority Revenue Series A		
6.00% 11/15/29	650,000	705,653

28,520,123

Lease Revenue Bonds 7.22%

Edgar Filing: Delaware Investments National Municipal Income Fund - Form N-CSRS

Aurora Certificates of Participation Series A 5.00% 12/1/30	630,000 Principal Amount °	676,765 Value (US \$)
Municipal Bonds (continued)		
Lease Revenue Bonds (continued)		
Colorado Building Excellent Schools Today Certificates of		
Participation Series G 5.00% 3/15/32	2,000,000	\$ 2,227,340
Pueblo County Certificates of Participation (County Judicial		
Complex Project) 5.00% 9/15/42 (AGM)	1,250,000	1,385,700
State of Colorado Department of Transportation Certificates of		
Participation		
5.		