

DELAWARE INV COLORADO INSURED MUNICIPAL INCOME FUND INC  
Form N-CSR  
December 10, 2007

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: 811-7810

Exact name of registrant as specified in charter:  
Delaware Investments Colorado Insured Municipal Income Fund, Inc.

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, 2007

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Item 1. Reports to Stockholders

Semiannual Report

Delaware  
Investments  
Closed-End  
Municipal Bond  
Funds

September 30, 2007

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## Closed-end funds

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# Table of contents

> Sector allocations and credit quality breakdowns	<b>1</b>
> Statements of net assets	<b>3</b>
> Statements of operations	<b>14</b>
> Statements of changes in net assets	<b>15</b>
> Financial highlights	<b>16</b>
> Notes to financial statements	<b>20</b>
> Other Fund information	<b>26</b>
> About the organization	<b>32</b>

### Dividend Reinvestment Plans

Each Fund offers an automatic dividend reinvestment program. If Fund shares are registered in your name and you are not already reinvesting dividends but would like to do so, contact the dividend plan agent, Mellon Investor Services LLC, at 800 851-9677. You will be asked to put your request in writing. If you have shares registered in a [street] name, contact your financial advisor or the broker/dealer holding the shares.

Under the current policies of Delaware Investments Arizona Municipal Income Fund, Delaware Investments Florida Insured Municipal Income Fund (renamed Delaware Investments National Municipal Income Fund, effective Oct. 15, 2007), and Delaware Investments Minnesota Municipal Income Fund II, all distributions of net investment income and capital gains to common stock shareholders are automatically reinvested in additional shares unless shareholders elect to receive all dividends and other distributions in cash paid by check mailed directly to shareholders by the dividend plan agent. Under the current policies of Delaware Investments Colorado Insured Municipal Income Fund, distributions of net investment income and capital gains to common shareholders will be paid in cash unless shareholders notify Mellon Investor Services LLC of their desire to participate in the dividend reinvestment program.

After each Fund declares a dividend or determines to make a capital gains distribution, the plan agent will, as agent for the participants, receive the cash payment and use it to buy shares in the open market on the American Stock Exchange. The Funds will not issue any new shares in connection with the plan. You can contact Mellon at:

Mellon Investor Services LLC  
 Dividend Reinvestment Department  
 Overpeck Centre  
 85 Challenger Road  
 Ridgefield, NJ 07660  
 800 851-9677

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 Delaware Management Business Trust, which is a registered investment advisor.

## Sector allocations and credit quality breakdowns

As of September 30, 2007

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

### Delaware Investments

#### Arizona Municipal Income Fund, Inc.

Sector	Percentage of Net Assets
<b>Municipal Bonds</b>	<b>154.59%</b>
Education Revenue Bonds	15.33%
Electric Revenue Bonds	13.35%
Escrowed to Maturity Bonds	6.18%
Health Care Revenue Bonds	19.89%
Housing Revenue Bonds	2.10%
Lease Revenue Bonds	6.45%
Local General Obligation Bonds	16.86%
Pre-Refunded Bonds	41.03%
Special Tax Revenue Bonds	10.81%
Transportation Revenue Bonds	16.91%
Water & Sewer Revenue Bonds	5.68%
<b>Total Value of Securities</b>	<b>154.59%</b>
<b>Receivables and Other Assets Net of Liabilities</b>	<b>4.03%</b>
<b>Liquidation Value of Preferred Stock</b>	<b>(58.62%)</b>
<b>Total Net Assets</b>	<b>100.00%</b>

### Credit Quality Breakdown

(as a % of fixed income investments)

AAA	67.95%
AA	12.68%
A	10.02%
BBB	9.35%
<b>Total</b>	<b>100.00%</b>

### Delaware Investments

#### Colorado Insured Municipal Income Fund, Inc.

Sector	Percentage of Net Assets
<b>Municipal Bonds</b>	<b>151.27%</b>
Education Revenue Bonds	27.28%
Electric Revenue Bonds	1.48%
Health Care Revenue Bonds	5.16%

Lease Revenue Bonds	13.12%
Local General Obligation Bonds	14.65%
Pre-Refunded Bonds	53.11%
Special Tax Revenue Bonds	9.64%
Transportation Revenue Bonds	14.65%
Water & Sewer Revenue Bonds	12.18%
<b>Short-Term Investment</b>	<b>0.28%</b>
<b>Total Value of Securities</b>	<b>151.55%</b>
<b>Receivables and Other Assets Net of Liabilities</b>	<b>4.53%</b>
<b>Liquidation Value of Preferred Stock</b>	<b>(56.08%)</b>
<b>Total Net Assets</b>	<b>100.00%</b>

## Credit Quality Breakdown

(as a % of fixed income investments)

AAA	100.00%
<b>Total</b>	<b>100.00%</b>

(continues) 1

## Sector allocations and credit quality breakdowns

As of September 30, 2007

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

**Delaware Investments**  
**Florida Insured Municipal Income Fund**

Sector	Percentage of Net Assets
<b>Municipal Bonds</b>	<b>155.79%</b>
Education Revenue Bonds	3.68%
Electric Revenue Bonds	5.99%
Health Care Revenue Bonds	18.47%
Housing Revenue Bonds	23.48%
Lease Revenue Bonds	20.33%
Local General Obligation Bonds	3.02%
Pre-Refunded Bonds	9.41%
Special Tax Revenue Bonds	29.79%
State General Obligation Bonds	6.03%
Transportation Revenue Bonds	15.71%
Water & Sewer Revenue Bonds	19.88%
<b>Short-Term Investment</b>	<b>0.59%</b>
<b>Total Value of Securities</b>	<b>156.38%</b>
<b>Receivables and Other Assets Net of Liabilities</b>	<b>2.37%</b>
<b>Liquidation Value of Preferred Stock</b>	<b>(58.75%)</b>
<b>Total Net Assets</b>	<b>100.00%</b>

## Credit Quality Breakdown

(as a % of fixed income investments)

AAA	100.00%
<b>Total</b>	<b>100.00%</b>

**Delaware Investments****Minnesota Municipal Income Fund II, Inc.**

Sector	Percentage of Net Assets
<b>Municipal Bonds</b>	<b>158.79%</b>
Corporate-Backed Revenue Bonds	6.62%
Education Revenue Bonds	5.10%
Electric Revenue Bonds	21.30%
Escrowed to Maturity Bonds	17.26%
Health Care Revenue Bonds	23.22%
Housing Revenue Bonds	9.09%
Lease Revenue Bonds	9.52%
Local General Obligation Bonds	19.91%
Pre-Refunded Bonds	30.37%
Special Tax Revenue Bonds	4.25%
State General Obligation Bonds	4.44%
Transportation Revenue Bonds	7.71%
<b>Short-Term Investments</b>	<b>1.46%</b>
<b>Total Value of Securities</b>	<b>160.25%</b>
<b>Liabilities Net of Receivables and Other Assets</b>	<b>(3.55%)</b>
<b>Liquidation Value of Preferred Stock</b>	<b>(56.70%)</b>
<b>Total Net Assets</b>	<b>100.00%</b>

## Credit Quality Breakdown

(as a % of fixed income investments)

AAA	55.35%
AA	14.95%
A	16.50%
BBB	9.17%
BB	2.16%
B	0.37%
Not Rated	1.50%
<b>Total</b>	<b>100.00%</b>

2

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## Statements of net assets

**Delaware Investments Arizona Municipal Income Fund, Inc.**

September 30, 2007 (Unaudited)

Principal Amount	Value
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**Municipal Bonds** □ 154.59%

Education Revenue Bonds □ 15.33%

Arizona State University Certificates of Participation (Research Infrastructure Project) 5.00% 9/1/30 (AMBAC)	\$1,000,000	\$1,028,530
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Arizona Student Loan Acquisition Authority Revenue Refunding Series A-1 5.90% 5/1/24 (AMT)	1,500,000	1,573,290
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Glendale Industrial Development Authority Revenue Refunding (Midwestern University) 5.00% 5/15/31	350,000	352,149
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Northern Arizona University Certificates of Participation (Northern Arizona University Research Project) 5.00% 9/1/30 (AMBAC)	1,000,000	1,031,980
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Pima County Industrial Development Authority (Tucson Country Day School Project) 5.00% 6/1/37	500,000	462,560
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South Campus Group Student Housing Revenue (Arizona State University South Campus Project) 5.625% 9/1/35 (MBIA)	1,000,000	1,079,460
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University of Puerto Rico Revenue Series Q 5.00% 6/1/36	1,000,000	1,007,280
		6,535,249

Electric Revenue Bonds □ 13.35%

Salt River Project Agricultural Improvement & Power District Electric System Revenue (Salt River Project) Series A 5.00% 1/1/31	1,765,000	1,810,696
Series A 5.00% 1/1/37	2,500,000	2,586,124
Series B 5.00% 1/1/25	1,250,000	1,295,113
		5,691,933

Escrowed to Maturity Bonds □ 6.18%

Puerto Rico Commonwealth Infrastructure Financing Authority Series A 5.50% 10/1/40	2,500,000	2,637,300
		2,637,300

Health Care Revenue Bonds □ 19.89%

Glendale Industrial Development Authority Hospital Refunding Revenue (John C Lincoln Health) 5.00% 12/1/42	1,500,000	1,396,710
Maricopa County Industrial Development Authority Revenue		

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(Catholic Healthcare West)		
Series A		
5.25% 7/1/32	750,000	766,605
5.50% 7/1/26	430,000	447,669
(Mayo Clinic) 5.00% 11/15/36	750,000	761,250
Show Low Industrial Development		
Authority Hospital Revenue		
(Navapache Regional Medical		
Center)		
Series A 5.50% 12/1/17 (ACA)	1,600,000	1,627,216
University Medical Center Hospital		
Revenue		
5.00% 7/1/33	1,000,000	961,420
5.00% 7/1/35	500,000	478,635
Yavapai County Industrial		
Development Authority Revenue		
(Yavapai Regional Medical		
Center)		
Series A 5.25% 8/1/21 (RADIAN)	2,000,000	2,044,220
		8,483,725
Housing Revenue Bonds □ 2.10%		
Phoenix Industrial Development		
Authority Single Family		
Statewide Revenue		
Series A 5.35% 6/1/20 (GNMA)		
(FNMA) (FHLMC) (AMT)	465,000	468,655
Series C 5.30% 4/1/20 (GNMA)		
(FNMA) (FHLMC) (AMT)	370,000	373,093
Pima County Industrial Development		
Authority Single Family		
Mortgage Revenue Series A-1		
6.125% 11/1/33 (GNMA) (FNMA)		
(FHLMC) (AMT)	55,000	55,565
		897,313
Lease Revenue Bonds □ 6.45%		
Arizona Game & Fishing Department		
& Commission Beneficial Interest		
Certificates (AGF Administration		
Building Project) 5.00% 7/1/26	640,000	652,915
Coconino County Unified School		
District #8 (Page Impact Aid		
Revenue Project of 2004) Series		
A		
5.00% 7/1/15 (MBIA)	1,000,000	1,074,890
Nogales Development Authority		
Municipal Facilities Revenue		
5.00% 6/1/30 (AMBAC)	500,000	511,315
Prescott Valley Municipal Property		
5.00% 1/1/27 (FGIC)	500,000	512,380
		2,751,500
Local General Obligation Bonds □		
16.86%		

Flagstaff Aspen Place Sawmill Improvement District 5.00% 1/1/32		385,000	382,829
«Gila County Unified School District #10 Improvement (Payson Step Coupon Project of 2006) Series A 1.00% 7/1/27 (AMBAC)			
		500,000	497,700
Marana Tangerine Farms Road Improvement District Revenue 4.60% 1/1/26		1,000,000	952,630
Maricopa County School District #6 (Washington Elementary) Refunding Series A 5.375% 7/1/13 (FSA)			
		3,000,000	3,278,610
(School Improvement Project of 2001) Series B 5.00% 7/1/17 (FSA)			
		1,000,000	1,087,660

(continues) 3

## Statements of net assets

### Delaware Investments Arizona Municipal Income Fund, Inc.

	Principal Amount	Value
<b>Municipal Bonds (continued)</b>		
Local General Obligation Bonds (continued)		
Queen Creek Improvement District #1		\$
5.00% 1/1/32	\$1,000,000	988,840
		7,188,269
§Pre-Refunded Bonds □ 41.03%		
Arizona School Facilities Board Certificates of Participation Series B 5.25% 9/1/19-14 (FSA)	1,000,000	997,420
Arizona School Facilities Board Revenue (State School Improvement) Series 2001 5.00% 7/1/19-11	2,000,000	2,006,040
Arizona Transportation Board Highway Revenue 5.75% 7/1/18-09	2,350,000	2,350,686
Arizona Water Infrastructure Finance Authority Revenue (Water Quality) Series A 5.05% 10/1/20-11	1,500,000	1,500,380
Oro Valley Municipal Property Excise		

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Tax 5.00% 7/1/20-11 (FGIC)	1,000,000,300
Phoenix Civic Improvement Excise Tax (Senior Lien Municipal Courthouse Project) Series A 5.25% 7/1/24-9	1,000,009,550
Puerto Rico Commonwealth Public Improvement Revenue Series A 5.125% 7/1/31-11	250,000,583
Puerto Rico Highway & Transportation Authority Transportation Refunding Series D 5.00% 7/1/32-12 (FSA)	3,473,000,700
Scottsdale Industrial Development  Authority Hospital Revenue (Scottsdale Healthcare) 5.80% 12/1/31-11	1,000,000,620
Southern Arizona Capital Facilities Finance Corporation (University of Arizona Project) 5.00% 9/1/23-12 (MBIA)	1,150,000,911
University of Arizona Certificates of Participation (University of Arizona Project) Series B 5.125% 6/1/22-12 (AMBAC)	500,000,625
Virgin Islands Public Finance Authority Revenue (Gross Receipts Tax Loan Note) Series A 6.125% 10/1/29-10 (ACA)	1,250,000,363
Special Tax Revenue Bonds □ 10.81%	17,499,178
Arizona Tourism & Sports Authority (Multipurpose Stadium Facilities) Series A 5.00% 7/1/31 (MBIA)	1,000,000,300
Glendale Municipal Property Series A 5.00% 7/1/33 (AMBAC)	3,000,000,990
San Luis Civic Improvement Municipal Facilities Excise Tax Revenue 5.00% 7/1/38 (XLCA)	500,000,385
Transportation Revenue Bonds □ 16.91%	4,611,675
Phoenix Civic Improvement Airport Revenue Series B 5.25% 7/1/27 (FGIC) (AMT)	2,000,000,840
Puerto Rico Commonwealth Highway & Transportation Authority Transportation Refunding Series D 5.00% 7/1/32 (FSA)	5,025,000,424
Water & Sewer Revenue Bonds □ 5.68%	7,212,264
Phoenix Civic Improvement Wastewater Systems Revenue Junior Lien 5.00% 7/1/24 (FGIC)	1,590,000,758
5.00% 7/1/26 (FGIC)	750,000