

Nuveen Real Asset Income & Growth Fund
Form N-Q
November 29, 2016

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, DC 20549

FORM N-Q

**QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT
INVESTMENT COMPANY**

Investment Company Act file number 811-22658

Nuveen Real Asset Income and Growth Fund

(Exact name of registrant as specified in charter)

333 West Wacker Drive, Chicago, Illinois 60606

(Address of principal executive offices) (Zip code)

Gifford R. Zimmerman Vice President and Secretary

333 West Wacker Drive, Chicago, Illinois 60606

(Name and address of agent for service)

Registrant's telephone number, including area code: 312-917-7700

Date of fiscal year end: December 31

Date of reporting period: September 30, 2016

Form N-Q is to be used by management investment companies, other than small business investment companies registered on Form N-5 (§§ 239.24 and 274.5 of this chapter), to file reports with the Commission, not later than 60 days after the close of the first and third fiscal quarters, pursuant to rule 30b1-5 under the Investment Company Act of 1940 (17 CFR 270.30b1-5). The Commission may use the information provided on Form N-Q in its regulatory, disclosure review, inspection, and policymaking roles.

A registrant is required to disclose the information specified by Form N-Q, and the Commission will make this information public. A registrant is not required to respond to the collection of information contained in Form N-Q unless the Form displays a currently valid Office of Management and Budget (OMB) control number. Please direct comments concerning the accuracy of the information collection burden estimate and any suggestions for reducing the burden to the Secretary, Securities and Exchange Commission, 450 Fifth Street, NW, Washington, DC 20549-0609. The OMB has reviewed this collection of information under the clearance requirements of 44 U.S.C. § 3507.

Item 1. Schedule of Investments

JRI

Nuveen Real Asset Income and Growth Fund
Portfolio of Investments

September 30, 2016 (Unaudited)

Shares	Description (1)	Value
	LONG-TERM INVESTMENTS 139.1% (98.2% of Total Investments)	
	COMMON STOCKS 62.5% (44.1% of Total Investments)	
	Air Freight & Logistics 1.6%	
91,032	BPost SA, (2)	\$ 2,468,543
15,104	Oesterreichische Post AG, (2)	534,998
	Total Air Freight & Logistics	3,003,541
	Commercial Services & Supplies 0.7%	
84,034	Covanta Holding Corporation	1,293,283
	Diversified Telecommunication Services 0.6%	
483,103	HKBN Limited, (2)	545,518
224,600	Singapore Telecommunications Limited, (2)	656,931
	Total Diversified Telecommunication Services	1,202,449
	Electric Utilities 8.6%	
65,070	Alupar Investimento SA	323,534
189	Alupar Investimento SA, (3)	313
1,234,586	AusNet Services, (2)	1,556,100
27,197	Brookfield Infrastructure Partners LP	942,104
390,922	Contact Energy Limited, (2)	1,434,815
58,854	EDP Energias de Portugal, S.A., (2)	197,514
34,586	Endesa S.A, (2), (4)	741,513
2,385	Hafslund ASA, Class B	22,971
706,301	HK Electric Investments Limited, 144A, (2)	695,200
803,237	Infratil Limited, (2)	1,896,016
73,597	Scottish and Southern Energy PLC, (2)	1,494,438
44,395	Southern Company, (9)	2,277,464
2,205,306	Spark Infrastructure Group, (2)	3,914,523
99,213	Transmissora Alianca de Energia Eletrica SA	640,035
	Total Electric Utilities	16,136,540
	Gas Utilities 1.1%	
6,006	AmeriGas Partners, LP	274,234
15,052	Enagas, (2)	452,798
229,812	Snam Rete Gas S.p.A, (2)	1,274,276
	Total Gas Utilities	2,001,308
	Health Care Providers & Services 0.6%	
93,401	Sienna Senior Living Inc., Subscription	1,207,425
	Independent Power & Renewable Electricity Producers 3.1%	

Edgar Filing: Nuveen Real Asset Income & Growth Fund - Form N-Q

7,991	Brookfield Renewable Energy Partners LP	245,803
52,593	Brookfield Renewable Energy Partners LP	1,615,933
832	NextEra Energy Partners LP	23,271
59,821	Pattern Energy Group Inc.	1,345,374
188,476	Renewables Infrastructure Group Limited	258,462
210,000	Saeta Yield S.A, (2), (4)	2,087,865
22,978	TransAlta Renewables Inc.	257,987
	Total Independent Power & Renewable Electricity Producers	5,834,695
	Media 0.2%	
14,285	SES SA, (2)	350,766

NUVEEN 1

JRI Nuveen Real Asset Income and Growth Fund
Portfolio of Investments (continued)

September 30, 2016 (Unaudited)

Shares	Description (1)	Value
	Multi-Utilities 7.6%	
72,896	CenterPoint Energy, Inc., (5)	\$ 1,693,374
520,160	Centrica PLC, (2)	1,537,988
925,894	Duet Group, (2)	1,782,628
222,586	Engie, (2)	3,451,129
39,288	National Grid PLC, Sponsored ADR, (9)	2,793,770
336,709	Redes Energeticas Nacionais SA, (2)	984,182
847,218	Vector Limited, (2)	2,037,171
	Total Multi-Utilities	14,280,242
	Oil, Gas & Consumable Fuels 5.4%	
19,796	AltaGas Limited	509,103
4,375	Enbridge Energy Partners LP	111,256
24,680	Enbridge Income Fund Holdings Inc.	639,598
120,375	Enterprise Products Partnership LP, (9)	3,325,961
70,728	Inter Pipeline Limited	1,493,323
9,620	Noble Midstream Partners LP, (4)	268,398
39,962	Plains All American Pipeline LP	1,255,206
133,414	Plains GP Holdings LP, Class A	1,726,377
88,537	Veresen Inc.	904,300
	Total Oil, Gas & Consumable Fuels	10,233,522
	Real Estate Investment Trusts 27.3%	
135,246	AEW UK REIT PLC	170,478
11,149	Ares Commercial Real Estate Corporation	140,477
95,171	Armada Hoffer Properties Inc.	1,275,291
298,551	Ascendas Real Estate Investment Trust, (2)	552,762
46,441	Automotive Properties Real Estate Investment Trust	372,392
54,638	Blackstone Mortgage Trust Inc., Class A	1,609,089
16,771	Camden Property Trust	1,404,404
14,444	Care Capital Properties, Inc.	411,654
12,755	CareTrust REIT Inc.	188,519
58,397	Charter Hall Retail REIT, (2)	190,078
42,980	Choice Properties Real Estate Investment Trust	452,421
78,639	City Office REIT, Inc.	1,001,074
1,416	Cofinimmo, SANV, (2)	176,334
554	Columbia Property Trust Inc.	12,404
51,982	Community Healthcare Trust Inc., (9)	1,139,445
80,503	Crombie Real Estate Investment Trust	878,081
125,687	Dream Global Real Estate Investment Trust	863,173
41,963	Easterly Government Properties, Inc.	800,654
4,215	Entertainment Properties Trust	331,889
24,114	Eurocommercial Properties NV, (2)	1,088,873
295,644	Fortune REIT, (2)	371,525

Edgar Filing: Nuveen Real Asset Income & Growth Fund - Form N-Q

6,821	Four Corners Property Trust, Inc.	145,492
63,848	Franklin Street Properties Corporation	804,485
1,087,291	Frasers Centrepoint Trust, (2)	1,755,109
2,746,393	Frasers Logistics & Industrial Trust, (2), (4)	2,006,857
47,503	Gaming and Leisure Properties Inc.	1,588,975
36,994	Hospitality Properties Trust	1,099,462
5,174	ICADE, (2)	403,717
106,441	Immobiliare Grande Distribuzione SIIQ SpA, (2)	80,210
80,511	Independence Realty Trust	724,599
47,372	Investors Real Estate Trust	281,863
507,473	Keppel DC REIT, (2)	453,745
88,843	Killam Apartment Real Estate I	818,714
3,601	LaSalle Hotel Properties	85,956
9,444	Lexington Corporate Properties Trust	97,273
58,196	Liberty Property Trust	2,348,210
16,673	LTC Properties Inc.	866,829
40,710	Macquarie Mexico Real Estate Management SA de CV	49,844
815,381	Mapletree Commercial Trust, (2)	957,481
1,257,271	Mapletree Greater China Commercial Trust, (2)	1,015,590
149,658	Mapletree Logistics Trust, (2)	117,771

Shares	Description (1)	Value
Real Estate Investment Trusts		
(continued)		
77,026	MedEquities Realty Trust, Inc., (4)	\$ 905,056
172,659	Medical Properties Trust Inc.	2,550,173
28,556	MGM Growth Properties LLC, Class A	744,455
38,876	New Senior Investment Group Inc.	448,629
158,460	NorthWest Healthcare Properties REIT	1,263,380
55,215	Omega Healthcare Investors Inc., (9)	1,957,372
57,453	OneREIT	157,651
367,707	Parkway Life Real Estate Investment Trust, (2)	701,823
480	Physicians Realty Trust	10,339
279,540	Plaza Retail REIT	1,116,498
569,481	Prologis Property Mexico SA de CV	934,266
220,276	Pure Industrial Real Estate Trust	925,127
16,247	Sabra Health Care Real Estate Investment Trust Inc.	409,099
32,654	Smart Real Estate Investment Trust	879,850
51,779	Spirit Realty Capital Inc., (5)	690,214
10,685	STAG Industrial Inc.	261,889
17,509	Starwood Property Trust Inc.	394,303
521,168	TF Administradora Industrial S de RL de CV	862,801
9,889	Universal Health Realty Income Trust	623,205
12,079	Urstadt Biddle Properties Inc., Class A	268,395
206,508	VEREIT, Inc.	2,141,488
449,872	Vicinity Centres, (2)	1,097,131
132,114	Viva Energy REIT, (4)	242,672
44,253	Washington Prime Group, Inc.	547,852
22,627	Wereldhave NV, (2)	1,145,545
83,271	WPT Industrial Real Estate Investment Trust	938,464
	Total Real Estate Investment Trusts	51,350,876
Real Estate Management & Development 0.0%		
5	Atrium European Real Estate Ltd, (2)	22
7,353	Citycon Oyj, (2)	18,735
	Total Real Estate Management & Development	18,757
Road & Rail 0.4%		
191,331	Aurizon Holdings Limited, (2)	691,784
Transportation Infrastructure 4.9%		
17,828	Abertis Infraestructuras S.A, (2)	277,750
45,646	Cosco Shipping Ports Limited, (2)	46,965
156,745	Enav S.p.A, (4)	644,098
3,806,972	Hopewell Highway Infrastructure Limited, (2)	2,326,552

Edgar Filing: Nuveen Real Asset Income & Growth Fund - Form N-Q

3,027,684	Hutchison Port Holdings Trust, (2)	1,351,601
60,551	Jiangsu Expressway Company Limited, (2)	84,028
24,417	Macquarie Infrastructure Corporation, (5)	2,032,471
143,971	Sydney Airport, (2)	771,694
181,039	Transurban Group, (2)	1,582,155
162,919	Zhejiang Expressway Company Limited, (2)	172,596
	Total Transportation Infrastructure	9,289,910

Water Utilities 0.4%

379,545	Inversiones Aguas Metropolitanas SA	678,723
	Total Common Stocks (cost \$107,282,586)	117,573,821

Shares	Description (1)	Coupon	Ratings (6)	Value
	CONVERTIBLE PREFERRED SECURITIES 14.2% (10.1% of Total Investments)			
	Electric Utilities 4.8%			
54,732	Exelon Corporation	6.500%	BB+	\$ 2,558,175
32,452	Great Plains Energy Inc.	7.000%	N/R	1,670,953
37,927	NextEra Energy Inc.	6.371%	BBB	2,239,210

JRI Nuveen Real Asset Income and Growth Fund
Portfolio of Investments (continued)

September 30, 2016 (Unaudited)

Shares	Description (1)	Coupon	Ratings (6)	Value
Electric Utilities (continued)				
53,379	NextEra Energy Inc.	6.123%	BBB	\$ 2,658,274
	Total Electric Utilities			9,126,612
Gas Utilities 0.5%				
16,253	Spire, Inc., (2)	6.750%	N/R	927,396
Multi-Utilities 3.6%				
9,809	Black Hills Corp	7.750%	N/R	676,429
60,553	Dominion Resources Inc.	6.750%	BBB	3,021,595
27,020	Dominion Resources Inc.	6.375%	Baa3	1,344,515
34,122	DTE Energy Company	5.000%	BBB	1,774,344
	Total Multi-Utilities			6,816,883
Oil, Gas & Consumable Fuels 1.3%				
17,331	Anadarko Petroleum Corporation	7.500%	N/R	721,836
33,672	Kinder Morgan Inc., Delaware	9.750%	N/R	1,685,957
	Total Oil, Gas & Consumable Fuels			2,407,793
Real Estate Investment Trusts 4.0%				
39,224	Alexandria Real Estate Equities Inc.	7.000%	Baa3	1,395,590
26,122	American Tower Corporation	5.500%	N/R	2,862,710
33,972	EPR Properties Inc.	9.000%	BB	1,262,739
1,717	EPR Properties Inc.	5.750%	BB	52,729
11,635	Equity Commonwealth	6.500%	Ba1	315,192
706	FelCor Lodging Trust Inc., Series A.	1.950%	CCC	17,657
3,182	Lexington Corporate Properties Trust, Series B	6.500%	N/R	167,851
21,226	Ramco-Gershenson Properties Trust	7.250%	N/R	1,457,377
	Total Real Estate Investment Trusts			7,531,845
	Total Convertible Preferred Securities (cost \$25,288,971)			26,810,529
Shares	Description (1)	Coupon	Ratings (6)	Value
\$25 PAR (OR SIMILAR) RETAIL PREFERRED 28.6% (20.2% of Total Investments)				
Electric Utilities 6.7%				
7,138	APT Pipelines Limited	6.455%	N/R	\$ 559,964
53,436	Brookfield Infrastructure Partners L.P.	5.350%	BBB	1,040,657
38,223	Entergy Arkansas Inc.	4.875%	A	953,282
2,889	Entergy Louisiana LLC	4.875%	A	72,052
16,567	Entergy New Orleans, Inc.	5.500%	A	453,273
14,451	Entergy Texas Inc.	5.625%	A	403,905
47,760	Integrus Energy Group Inc., (2)	6.000%	Baa1	1,306,236
65,009	NextEra Energy Inc.	5.250%	BBB	1,670,081
31,757	NextEra Energy Inc.	5.000%	BBB	811,074

Edgar Filing: Nuveen Real Asset Income & Growth Fund - Form N-Q

40,837	Pacific Gas & Electric Corporation	6.000%	BBB+	1,300,658
76,591	PPL Capital Funding, Inc.	5.900%	BBB	2,017,407
21,547	SCE Trust I	5.625%	Baa1	551,388
53,999	Southern Company	5.250%	BBB	1,365,635
	Total Electric Utilities			12,505,612
	Independent Power & Renewable Electricity Producers	0.2%		
24,177	Brookfield Renewable Partners, Preferred Equity	5.750%		