

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 |