

JOHN HANCOCK TAX-ADVANTAGED DIVIDEND INCOME FUND

Form N-Q

September 27, 2018

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

**FORM N-Q**

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

Investment Company Act file number 811- 21416

John Hancock Tax-Advantaged Dividend Income Fund

(Exact name of registrant as specified in charter)

601 Congress Street, Boston, Massachusetts 02210

(Address of principal executive offices) (Zip code)

Salvatore Schiavone, Treasurer

601 Congress Street

Boston, Massachusetts 02210

(Name and address of agent for service)

Registrant's telephone number, including area code: 617-663-4497

Date of fiscal year end: October 31

Date of reporting period: July 31, 2018

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ITEM 1. SCHEDULE OF INVESTMENTS

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John Hancock

Tax-Advantaged Dividend Income Fund

**Quarterly portfolio holdings 7/31/18**

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Fund's investments

As of 7-31-18 (unaudited)

	Shares	Value
Common stocks 71.7% (48.6% of Total investments)		\$636,892,098
(Cost \$431,651,316)		
Energy 11.9%	105,574,817	
Oil, gas and consumable fuels 11.9%		
BP PLC, ADR (A)	810,450	36,543,191
Enbridge, Inc.	347,106	12,297,966
ONEOK, Inc. (B)(C)	555,000	39,094,200
Royal Dutch Shell PLC, ADR, Class A	258,000	17,639,460
Financials 1.2%		11,048,400
Banks 1.2%		
PacWest Bancorp (B)(C)	220,000	11,048,400
Industrials 1.0%		8,400,850
Transportation infrastructure 1.0%		
Macquarie Infrastructure Corp. (B)(C)	185,000	8,400,850
Telecommunication services 4.3%		38,429,122
Diversified telecommunication services 4.3%		
AT&T, Inc. (C)	575,000	18,382,750
CenturyLink, Inc. (B)(C)	355,000	6,663,350
Verizon Communications, Inc.	259,160	13,383,022
Utilities 53.3%		473,438,909
Electric utilities 27.0%		
Alliant Energy Corp.	390,000	16,758,300
American Electric Power Company, Inc. (B)(C)	540,000	38,415,600
Avangrid, Inc.	465,000	23,277,900
Duke Energy Corp. (B)(C)	320,000	26,118,400
Entergy Corp. (B)(C)	338,000	27,472,640
Eversource Energy (B)(C)	460,000	27,931,200
FirstEnergy Corp. (B)(C)	290,000	10,274,700
OGE Energy Corp. (A)	540,000	19,569,600
Pinnacle West Capital Corp.	50,000	4,021,500
PPL Corp. (B)(C)	590,000	16,974,300
The Southern Company (B)(C)	405,000	19,683,000
Xcel Energy, Inc.	207,000	9,700,020
Gas utilities 2.7%		
Atmos Energy Corp. (B)(C)	140,000	12,861,800
ONE Gas, Inc.	140,000	10,785,600
Independent power and renewable electricity producers 1.2%		
AES Corp. (B)(C)	800,000	10,688,000
Multi-utilities 22.4%		
Ameren Corp. (A)	540,000	33,512,400
Black Hills Corp. (B)(C)	440,000	26,386,800
CenterPoint Energy, Inc.	980,000	27,910,400
Dominion Energy, Inc. (B)(C)	400,000	28,684,000
DTE Energy Company (A)(B)(C)	250,000	27,135,000
National Grid PLC, ADR	225,833	12,213,049
NiSource, Inc.	770,000	20,158,600

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Public Service Enterprise Group, Inc.	70,000	3,609,200
Vectren Corp. (A)	270,000	19,296,900

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SEE NOTES TO FUND'S  
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	Shares	Value
Preferred securities 65.3% (44.3% of Total investments) (Cost \$608,811,064)		\$580,386,810
Energy 5.3%		46,806,384
Oil, gas and consumable fuels 5.3%		
Enbridge, Inc., Series B (6.375% to 4-15-23, then 3 month LIBOR + 3.593%)	210,000	5,359,200
Kinder Morgan, Inc., 9.750% (A)(B)(C)	1,235,717	41,447,184
Financials 29.1%		258,577,122
Banks 18.1%		
Bank of America Corp., 6.204%	66,685	1,687,797
Bank of America Corp., 6.375%	139,000	3,523,650
Bank of America Corp., 6.500%	177,178	4,622,574
Barclays Bank PLC, 8.125% (A)	610,000	16,207,700
BB&T Corp. (Callable 8-31-18), 5.200%	480,000	12,067,200
BB&T Corp. (Callable 8-1-18), 5.200%	225,000	5,661,000
BB&T Corp., 5.625%	606,000	15,507,540
Citigroup, Inc. (6.875% to 11-15-23, then 3 month LIBOR + 4.130%)	13,015	361,557
Citigroup, Inc. (7.125% to 9-30-23, then 3 month LIBOR + 4.040%)	210,854	5,893,369
JPMorgan Chase & Co., 5.450%	245,000	6,262,200
JPMorgan Chase & Co., 6.100% (B)(C)	510,000	13,596,600
JPMorgan Chase & Co., 6.125%	98,888	2,595,810
JPMorgan Chase & Co., 6.700%	30,000	789,600
MB Financial, Inc., 6.000%	400,000	10,400,000
Santander Holdings USA, Inc., 7.300%	120,000	2,996,400
Synovus Financial Corp. (6.300% to 6-21-23, then 3 month LIBOR + 3.352%)	160,000	4,136,000
The PNC Financial Services Group, Inc., 5.375% (A)	280,000	7,050,400
The PNC Financial Services Group, Inc. (6.125% to 5-1-22, then 3 month LIBOR + 4.067%)	40,000	1,095,200
U.S. Bancorp, 5.150% (A)	720,000	18,021,600
U.S. Bancorp (6.500% to 1-15-22, then 3 month LIBOR + 4.468%)	296,000	8,240,640
Wells Fargo & Company, 6.000%	215,000	5,547,000
Wells Fargo & Company, 8.000%	586,525	14,903,600
Capital markets 9.5%	10,000	255,000

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Deutsche Bank Contingent Capital

Trust II, 6.550%

Morgan Stanley, 6.625% 1,057,915 27,474,053

Morgan Stanley (6.375% to 10-15-24,  
then 3 month LIBOR + 3.708%) 220,000 5,909,200

Morgan Stanley (7.125% to 10-15-23,  
then 3 month LIBOR + 4.320%) 379,120 10,641,898

State Street Corp., 5.250% 900,000 22,590,000

State Street Corp., 6.000% 192,065 5,041,706

State Street Corp. (5.900% to 3-15-24,  
then 3 month LIBOR + 3.108%) 25,000 678,500

The Bank of New York Mellon Corp.,  
5.200% 425,000 10,710,000

The Goldman Sachs Group, Inc.,  
6.200% 40,312 1,046,903

Consumer finance 0.7%

Capital One Financial Corp., 6.200% 100,183 2,641,826

Capital One Financial Corp., 6.700% 136,569 3,593,130

Insurance 0.8%

Aegon NV, 6.500% 96,512 2,517,998

Assurant, Inc., 6.500% (C) 26,400 3,088,800

Prudential Financial, Inc., 5.750% 47,460 1,220,671

Health care 3.0% 26,576,430

Pharmaceuticals 3.0%

Teva Pharmaceutical Industries, Ltd.,  
7.000% 59,900 26,576,430

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	Shares	Value			
Industrials 0.4%		\$3,433,221			
Machinery 0.4%					
Stanley Black & Decker, Inc., 5.750%	135,326	3,433,221			
Real estate 2.6%		23,462,854			
Equity real estate investment trusts 2.6%					
American Homes 4 Rent, Series D, 6.500%	30,000	786,000			
Crown Castle International Corp., Series A, 6.875% (C)	20,000	21,552,304			
Ventas Realty LP, 5.450%	45,000	1,124,550			
Telecommunication services 3.9%		34,358,234			
Diversified telecommunication services 2.0%					
Qwest Corp., 6.125% (A)	730,000	15,220,500			
Qwest Corp., 7.500%	34,122	861,922			
Verizon Communications, Inc., 5.900%	60,000	1,546,962			
Wireless telecommunication services 1.9%					
Telephone & Data Systems, Inc., 5.875%	340,000	8,370,800			
Telephone & Data Systems, Inc., 6.625%	39,768	1,014,084			
Telephone & Data Systems, Inc., 6.875%	261,064	6,591,866			
United States Cellular Corp., 6.950%	30,000	752,100			
Utilities 21.0%		187,172,565			
Electric utilities 13.4%					
Duke Energy Corp., 5.125%	221,008	5,545,091			
Entergy Arkansas, Inc., 4.560%	9,388	951,577			
Entergy Mississippi, Inc., 4.920%	8,190	850,859			
Interstate Power & Light Company, 5.100% (A)	1,382,023	34,661,137			
Mississippi Power Company, 5.250%	257,500	6,499,300			
NextEra Energy Capital Holdings, Inc., 5.000%	110,000	2,722,500			
NextEra Energy, Inc., 6.123% (C)	206,000	11,793,500			
PPL Capital Funding, Inc., 5.900%	1,013,052	25,427,605			
SCE Trust II, 5.100%	1,224,000	29,045,520			
The Southern Company, 6.250%	80,000	2,084,800			
Gas utilities 1.1%					
South Jersey Industries, Inc., 7.250% (C)	180,200	9,880,366			
Multi-utilities 6.5%					
Dominion Energy, Inc., 6.750% (C)	527,000	25,396,130			
DTE Energy Company, 5.250% (A)	166,933	4,106,552			
DTE Energy Company, 6.500% (A)	170,000	8,970,900			
Integrus Holding, Inc. (6.000% to 8-1-23, then 3 month LIBOR + 3.220%)	210,000	5,512,500			
Sempra Energy, 6.000% (C)	79,600	8,143,876			
Sempra Energy, 6.750% (C)	54,400	5,580,352			
			Rate (%)	Maturity date	Par value^Value
Corporate bonds 9.5% (6.5% of Total investments) (Cost \$84,901,226)					\$84,476,875
Consumer discretionary 0.4%					3,537,000

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Automobiles 0.4%

General Motors Financial Company, Inc. (5.750% to 9-30-27, then 3 month LIBOR + 3.598%) (B)(C)(D)	5.750	09-30-27	3,600,000	3,537,000
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Financials 8.3%

73,761,125

Banks 5.3%

Bank of America Corp. (5.875% to 3-15-28, then 3 month LIBOR + 2.931%) (C)(D)	5.875	03-15-28	7,500,000	7,440,000
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	Rate (%)	Maturity date	Par value^	Value
Financials (continued)				
Banks (continued)				
BNP Paribas SA (7.375% to 8-19-25, then 5 Year U.S. Swap Rate + 5.150%) (C)(D)	7.375	08-19-25	8,419,000	\$8,945,188
Citizens Financial Group, Inc. (6.000% to 7-6-23, then 3 month LIBOR + 3.003%) (C)(D)	6.000	07-06-23	16,000,000	16,104,000
HSBC Holdings PLC (6.500% to 3-23-28, then 5 Year U.S. ISDAFIX + 3.606%) (C)(D)	6.500	03-23-28	2,500,000	2,452,500
Huntington Bancshares, Inc. (5.700% to 4-15-23, then 3 month LIBOR + 2.880%) (B)(C)(D)	5.700	04-15-23	3,000,000	2,962,500
Lloyds Banking Group PLC (7.500% to 6-27-24, then 5 Year U.S. Swap Rate + 4.760%) (C)(D)	7.500	06-27-24	4,784,000	4,939,480
The Royal Bank of Scotland Group PLC (8.000% to 8-10-25, then 5 Year U.S. Swap Rate + 5.720%) (B)(C)(D)	8.000	08-10-25	3,624,000	3,849,123
Capital markets 1.8%				
Credit Suisse Group AG (7.500% to 7-17-23, then 5 Year U.S. Swap Rate + 4.600%) (B)(C)(D)(E)	7.500	07-17-23	6,214,000	6,406,634
E*TRADE Financial Corp. (5.300% to 3-15-23, then 3 month LIBOR + 3.160%) (B)(C)(D)	5.300	03-15-23	10,000,000	9,837,500
Consumer finance 1.1%				
Discover Financial Services (5.500% to 10-30-27, then 3 month LIBOR + 3.076%) (C)(D)	5.500	10-30-27	10,000,000	9,800,000
Insurance 0.1%				
MetLife, Inc. (5.875% to 3-15-28, then 3 month LIBOR + 2.959%) (B)(C)(D)	5.875	03-15-28	1,000,000	1,024,200
Utilities 0.8%				
Electric utilities 0.4%				
Southern California Edison Company (6.250% to 2-1-22, then 3 month LIBOR + 4.199%) (C)(D)	6.250	02-01-22	3,000,000	3,198,750
Multi-utilities 0.4%				
NiSource, Inc. (5.650% to 6-15-23, then 5 Year CMT + 2.843%) (C)(D)(E)	5.650	06-15-23	4,000,000	3,980,000

	Yield* (%)	Maturity date	Par value^	Value
Short-term investments 0.9% (0.6% of Total investments) (Cost \$8,025,000)			\$8,025,000	
U.S. Government Agency 0.6%			5,429,000	
Federal Agricultural Mortgage Corp. Discount Note	1.770	08-01-18	1,058,000	1,058,000
Federal Home Loan Bank Discount Note	1.770	08-01-18	4,371,000	4,371,000
Repurchase agreement 0.3%				2,596,000
Repurchase Agreement with State Street Corp. dated 7-31-18 at 0.900% to be repurchased at \$2,596,065 on 8-1-18, collateralized by \$2,750,000 U.S. Treasury Notes, 1.875% due 7-31-22 (valued at \$2,652,031, including interest)			2,596,000	2,596,000

Total investments	
(Cost	\$1,309,780,783
\$1,133,388,606)	
147.4%	
Other assets and liabilities, net	(421,301,509)
(47.4%)	
Total net assets	\$888,479,274
100.0%	

The percentage shown for each investment category is the total value of the category as a percentage of the net assets of the fund unless otherwise indicated.

^All par values are denominated in U.S. dollars unless otherwise indicated.

Security Abbreviations and Legend

ADR American Depositary Receipt

CMT Constant Maturity Treasury

ISDAFIX International Swaps and Derivatives Association Fixed Interest Rate Swap Rate

LIBOR London Interbank Offered Rate

SEE NOTES TO FUND'S

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INVESTMENTS

DIVIDEND INCOME FUND

- (A) A portion of this security is segregated as collateral for options. Total collateral value at 7-31-18 was \$98,279,544.
- (B) A portion of this security is on loan as of 7-31-18, and is a component of the fund's leverage under the Liquidity Agreement.  
All or a portion of this security is pledged as collateral pursuant to the Liquidity Agreement. Total collateral value
- (C) at 7-31-18 was \$573,466,124. A portion of the securities pledged as collateral were loaned pursuant to the Liquidity Agreement. The value of securities on loan amounted to \$306,395,067.
- (D) Perpetual bonds have no stated maturity date. Date shown as maturity date is next call date.
- (E) These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration.
- \* Yield represents either the annualized yield at the date of purchase, the stated coupon rate or, for floating rate securities, the rate at period end.

The fund had the following country composition as a percentage of total investments on 7-31-18:

United States	88.1%
United Kingdom	5.9%
Israel	2.0%
Netherlands	1.5%
Canada	1.3%
Other countries	1.2%
TOTAL	100.0%

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DERIVATIVES

FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis*	Notional value*	Unrealized appreciation (depreciation)
10-Year U.S. Treasury Note Futures	980	Short	Sep 2018	\$(116,786,385)	\$(117,033,438)	\$(247,053)
						\$(247,053)

\* Notional basis refers to the contractual amount agreed upon at inception of open contracts; notional value represents the current value of the open contract.

WRITTEN OPTIONS

Options on index

Counterparty (OTC)/ Exchange-traded	Name of issuer	Exercise price	Expiration date	Number of contracts	Notional amount	Premium	Value
Exchange-traded	E-Mini Nasdaq 100 Index	USD740.00	Sep 2018	88	8,800	\$149,531	\$(92,400)
Exchange-traded	Philadelphia Stock Exchange Utility Sector Index	USD715.00	Sep 2018	88	8,800	12,493	(22,000)
Exchange-traded	Russell 2000 Index	USD1,705.00	Sep 2018	69	6,900	255,246	(146,280)
Exchange-traded	S&P 500 Index	USD2,845.00	Aug 2018	35	3,500	29,372	(32,375)
Exchange-traded	S&P 500 Index	USD2,935.00	Aug 2018	84	8,400	17,049	(3,780)
Exchange-traded	S&P 500 Index	USD1,220.00	Aug 2018	190	19,000	389,350	(533,900)
Exchange-traded	S&P 500 Index	USD1,280.00	Aug 2018	123	12,300	22,214	(10,148)
Exchange-traded	S&P 500 Index	USD2,870.00	Aug 2018	35	3,500	23,772	(20,825)
Exchange-traded	S&P 500 Index	USD3,000.00	Oct 2018	166	16,600	48,839	(51,045)
						\$947,866	\$(912,753)
						\$947,866	\$(912,753)

SWAPS

Interest rate swaps

Counterparty (OTC)/ Centrally cleared	Notional amount	Currency	Payments made	Payments received	Fixed payment frequency	Floating payment frequency	Maturity date	Unamortized upfront payment paid (received)	Unrealized appreciation (depreciation)	Value
Centrally cleared	107,000,000	USD	Fixed 2.136%	USD 3 Month LIBOR BBA <sup>(a)</sup>	Semi-Annual	Quarterly	Oct 2022	—	\$3,027,142	\$3,027,142
								—	\$3,027,142	\$3,027,142

(a) At 7-31-18, the 3 month LIBOR was 2.349%

Derivatives

Currency

Abbreviations

USD U.S. Dollar

Derivatives Abbreviations

BBA The British Banker's Association

LIBOR London Interbank Offered Rate

OTC is an abbreviation for over-the-counter. See Notes to Fund's investments regarding investment transactions and other derivatives information.

SEE NOTES TO FUND'S  
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Notes to Fund's investments (unaudited)

**Security valuation.** Investments are stated at value as of the scheduled close of regular trading on the New York Stock Exchange (NYSE), normally at 4:00 p.m., Eastern Time. In case of emergency or other disruption resulting in the NYSE not opening for trading or the NYSE closing at a time other than the regularly scheduled close, the net asset value may be determined as of the regularly scheduled close of the NYSE pursuant to the fund's Valuation Policies and Procedures.

In order to value the securities, the fund uses the following valuation techniques: Equity securities held by the fund are typically valued at the last sale price or official closing price on the exchange or principal market where the security trades. In the event there were no sales during the day or closing prices are not available, the securities are valued using the last available bid price. Debt obligations are valued based on the evaluated prices provided by an independent pricing vendor or from broker-dealers. Independent pricing vendors utilize matrix pricing which takes into account factors such as institutional-size trading in similar groups of securities, yield, quality, coupon rate, maturity, type of issue, trading characteristics and other market data, as well as broker supplied prices. Options listed on an exchange are valued at the mean of the most recent bid and ask prices from the exchange where the option trades. Swaps and unlisted options are valued using evaluated prices obtained from an independent pricing vendor. Futures contracts are valued at settlement prices, which are the official closing prices published by the exchange on which they trade.

In certain instances, the Pricing Committee may determine to value equity securities using prices obtained from another exchange or market if trading on the exchange or market on which prices are typically obtained did not open for trading as scheduled, or if trading closed earlier than scheduled, and trading occurred as normal on another exchange or market.

Other portfolio securities and assets, for which reliable market quotations are not readily available, are valued at fair value as determined in good faith by the fund's Pricing Committee following procedures established by the Board of Trustees. The frequency with which these fair valuation procedures are used cannot be predicted and fair value of securities may differ significantly from the value that would have been used had a ready market for such securities existed.

The fund uses a three-tier hierarchy to prioritize the pricing assumptions, referred to as inputs, used in valuation techniques to measure fair value. Level 1 includes securities valued using quoted prices in active markets for identical securities. Level 2 includes securities valued using other significant observable inputs. Observable inputs may include quoted prices for similar securities, interest rates, prepayment speeds and credit risk. Prices for securities valued using these inputs are received from independent pricing vendors and brokers and are based on an evaluation of the inputs described. Level 3 includes securities valued using significant unobservable inputs when market prices are not readily available or reliable, including the fund's own assumptions in determining the fair value of investments. Factors used in determining value may include market or issuer specific events or trends, changes in interest rates and credit quality. The inputs or methodology used for valuing securities are not necessarily an indication of the risks associated with investing in those securities. Changes in valuation techniques and related inputs may result in transfers into or out of an assigned level within the disclosure hierarchy.

The following is a summary of the values by input classification of the fund's investments as of July 31, 2018, by major security category or type:

<b>Total value at 7-31-18</b>	<b>Level 1 quoted price</b>	<b>Level 2 significant observable inputs</b>	<b>Level 3 significant unobservable inputs</b>
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**Investments in securities:****Assets**

<b>Common stocks</b>	<b>\$636,892,098</b>	\$636,892,098	
<b>Preferred securities</b>			
Energy	<b>46,806,384</b>	46,806,384	
Financials	<b>258,577,122</b>	258,577,122	
Health care	<b>26,576,430</b>	26,576,430	
Industrials	<b>3,433,221</b>	3,433,221	
Real estate	<b>23,462,854</b>	1,910,550	\$21,552,304
Telecommunication services	<b>34,358,234</b>	32,811,272	1,546,962
Utilities	<b>187,172,565</b>	179,857,629	7,314,936
<b>Corporate bonds</b>	<b>84,476,875</b>		84,476,875
<b>Short-term investments</b>	<b>8,025,000</b>		8,025,000
<b>Total investments in securities</b>	<b>\$1,309,780,783</b>	<b>\$1,186,864,706</b>	<b>\$122,916,077</b>

**Derivatives:****Assets**

Swap contracts	<b>\$3,027,142</b>		\$3,027,142
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**Liabilities**

Futures	<b>(247,053</b>	)	\$(247,053	)
Written options	<b>(912,753</b>	)	(912,753	)

**Repurchase agreements.** The fund may enter into repurchase agreements. When the fund enters into a repurchase agreement, it receives collateral that is held in a segregated account by the fund's custodian. The collateral amount is marked-to-market and monitored on a daily basis to ensure that the collateral held is in an amount

not less than the principal amount of the repurchase agreement plus any accrued interest. Collateral received by the fund for repurchase agreements is disclosed in the Fund's investments as part of the caption related to the repurchase agreement.

Repurchase agreements are typically governed by the terms and conditions of the Master Repurchase Agreement and/or Global Master Repurchase Agreement (collectively, MRA). Upon an event of default, the non-defaulting party may close out all transactions traded under the MRA and net amounts owed. Absent an event of default, assets and liabilities resulting from repurchase agreements are not offset. In the event of a default by the counterparty, realization of the collateral proceeds could be delayed, during which time the collateral value may decline or the counterparty may have insufficient assets to pay back claims resulting from close-out of the transactions.

**Derivative instruments.** The fund may invest in derivatives in order to meet its investment objective. Derivatives include a variety of different instruments that may be traded in the over-the-counter (OTC) market, on a regulated exchange or through a clearing facility. The risks in using derivatives vary depending upon the structure of the instruments, including the use of leverage, optionality, the liquidity or lack of liquidity of the contract, the creditworthiness of the counterparty or clearing organization and the volatility of the position. Some derivatives involve risks that are potentially greater than the risks associated with investing directly in the referenced securities or other referenced underlying instrument. Specifically, the fund is exposed to the risk that the counterparty to an OTC derivatives contract will be unable or unwilling to make timely settlement payments or otherwise honor its obligations. OTC derivatives transactions typically can only be closed out with the other party to the transaction.

**Futures.** A futures contract is a contractual agreement to buy or sell a particular currency or financial instrument at a pre-determined price in the future. Risks related to the use of futures contracts include possible illiquidity of the futures markets and contract prices that can be highly volatile and imperfectly correlated to movements in the underlying financial instrument. Use of long futures contracts subjects the funds to the risk of loss up to the notional value of the futures contracts. Use of short futures contracts subjects the funds to unlimited risk of loss.

During the period ended July 31, 2018, the fund used futures contracts to manage against anticipated interest rate changes.

**Options.** There are two types of options, put options and call options. Options are traded either OTC or on an exchange. A call option gives the purchaser of the option the right to buy (and the seller the obligation to sell) the underlying instrument at the exercise price. A put option gives the purchaser of the option the right to sell (and the writer the obligation to buy) the underlying instrument at the exercise price. Writing puts and buying calls may increase the fund's exposure to changes in the value of the underlying instrument. Buying puts and writing calls may decrease the fund's exposure to such changes. Risks related to the use of options include the loss of premiums, possible illiquidity of the options markets, trading restrictions imposed by an exchange and movements in underlying security values. In addition, OTC options are subject to the risks of all OTC derivatives contracts.

When the fund purchases an option, the premium paid by the fund is included in the portfolio of investments and subsequently "marked-to-market" to reflect current market value. When the fund writes an option, the premium received is included as a liability and subsequently "marked-to-market" to reflect current market value of the option written.

During the period ended July 31, 2018, the fund wrote option contracts to hedge against anticipated changes in securities markets and to generate potential income.

**Interest rate swaps.** Interest rate swaps represent an agreement between the fund and a counterparty to exchange cash flows based on the difference between two interest rates applied to a notional amount. The payment flows are usually netted against each other, with the difference being paid by one party to the other. The fund settles accrued net interest receivable or payable under the swap contracts at specified, future intervals. Swap agreements are privately negotiated

in the OTC market or may be executed on a registered commodities exchange (centrally cleared swaps). Swaps are marked-to-market daily and the change in value is recorded as unrealized appreciation/depreciation of swap contracts. A termination payment by the counterparty or the fund is recorded as realized gain or loss, as well as the net periodic payments received or paid by the fund. The value of the swap will typically impose collateral posting obligations on the party that is considered out-of-the-money on the swap.

During the period ended July 31, 2018, the fund used interest rate swaps to manage against anticipated interest rate changes.

For additional information on the fund's significant accounting policies, please refer to the fund's most recent semiannual or annual shareholder report.

More information

**How to contact us**

**Internet** [www.jhinvestments.com](http://www.jhinvestments.com)

Computershare

**Mail** P.O. Box 30170

College Station, TX 77842-3170

Customer service representatives **800-852-0218**

**Phone** Portfolio commentary **800-344-7054**

24-hour automated information **800-843-0090**

TDD line **800-231-5469**

P13Q307/18

This report is for the information of the shareholders of John Hancock Tax-Advantaged Dividend Income Fund.

9/18

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ITEM 2. CONTROLS AND PROCEDURES.

(a) Based upon their evaluation of the registrant's disclosure controls and procedures as conducted within 90 days of the filing date of this Form N-Q, the registrant's principal executive officer and principal accounting officer have concluded that those disclosure controls and procedures provide reasonable assurance that the material information required to be disclosed by the registrant on this report is recorded, processed, summarized and reported within the time periods specified in the Securities and Exchange Commission's rules and forms.

(b) There were no changes in the registrant's internal control over financial reporting that occurred during the registrant's last fiscal quarter that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.

ITEM 3. EXHIBITS.

Separate certifications for the registrant's principal executive officer and principal accounting officer, as required by Rule 30a-2(a) under the Investment Company Act of 1940, are attached.

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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.

John Hancock Tax-Advantaged Dividend Income Fund

By: /s/ Andrew G. Arnott  
Andrew G. Arnott  
President

Date: September 17, 2018

Pursuant to the requirements of the Securities 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/ Andrew G. Arnott  
Andrew G. Arnott  
President

Date: September 17, 2018

By: /s/ Charles A. Rizzo  
Charles A. Rizzo  
Chief Financial Officer

Date: September 17, 2018

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