NUVEEN CALIFORNIA DIVIDEND ADVANTAGE MUNICIPAL FUND Form N-Q January 28, 2005

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

FORM N-Q

Optional Call

Provisions* Ratings**

Market

Value

Principal

Description(1)

Principal Amount (000)		Optional Call		Market
	Consumer Staples - 5.4% (3.7% of Total Investments)			
\$ 5,000	California Statewide Community Development Authority, Certificates of Participation, Pride Industries and Pride One Inc., Series 1999, 7.250%, 11/01/29	11/09 at 102.00	N/R \$	5,197,500
5,200	Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed Bonds, Series 2003A-1, 6.250%, 6/01/33	6/13 at 100.00	BBB	5,071,768
	Northern California Tobacco Securitization Authority, Tobacco Settlement Asset-Backed Bonds, Series 2001A:			
2,500 4,500	5.250%, 6/01/31 5.375%, 6/01/41	6/11 at 100.00 6/11 at 100.00	BBB BBB	2,099,200 3,695,535
3,635	Southern California Tobacco Securitization Authority, Tobacco Settlement Asset-Backed Bonds, Senior Series 2001A, 5.250%, 6/01/27	6/12 at 100.00	BBB	3,622,641
	Education and Civic Organizations - 10.5% (7.2% of Total Investments)			
615	California Statewide Community Development Authority, Revenue Bonds, Notre Dame de Namur University, Series 2003, 6.500%, 10/01/23	10/13 at 100.00	N/R	603,487
3,000	Long Beach Bond Financing Authority, California, Lease Revenue Refunding Bonds, Long Beach Aquarium of the South Pacific, Series 2001, 5.500%, 11/01/17 - AMBAC Insured	11/11 at 100.00	AAA	3,338,910
700	University of California, Certificates of Participation, San Diego and Sacramento Campus Projects, Series 2002A, 5.250%, 1/01/22	1/10 at 101.00	Aa2	734,230
6,000	University of California, Revenue Bonds, Multiple Purpose Projects, Series 2000K, 5.000%, 9/01/12	9/08 at 101.00	Aa2	6,529,200
10,770 11,305	University of California, Revenue Bonds, Multi-Purpose Projects, Series 2002O: 5.000%, 9/01/20 - FGIC Insured 5.000%, 9/01/21 - FGIC Insured	9/10 at 101.00 9/10 at 101.00	AAA AAA	11,298,807 11,812,934
3,500	University of California, Revenue Bonds, Multi-Purpose Projects, Series 2003A, 5.125%, 5/15/17 - AMBAC Insured	5/13 at 100.00	AAA	3,786,685
	Healthcare - 14.1% (9.6% of Total Investments)			
8,400	California Health Facilities Financing Authority, Revenue Bonds, Kaiser Permanente System, Series 1998B, 5.250%, 10/01/14 (Optional put 10/01/08)	10/08 at 101.00	AAA	9,197,916
15,000	California Health Facilities Financing Authority, Revenue Bonds, Cedars-Sinai Medical Center, Series 1999A, 6.125%, 12/01/30	12/09 at 101.00	А3	16,017,150
2,160	California Health Facilities Financing Authority, Revenue Bonds, Adventist Health System/West, Series 2003A, 5.000%, 3/01/15	3/13 at 100.00	А	2,261,218
8,000	Central California Joint Powers Health Finance Authority, Certificates of Participation, Community Hospitals of Central California Obligated Group, Series 2000, 6.000%, 2/01/30	2/10 at 101.00	Baa2	8,254,000
10,500		4/09 at 101.00	BBB	10,003,140

Principal		Optional Call		Market
	Duarte, California, Certificates of Participation, City of Hope National Medical Center, Series 1999A, 5.250%, 4/01/31			
2,800	Upland, California, Certificates of Participation, San Antonio Community Hospital, Series 1993, 5.250%, 1/01/08	1/05 at 101.00	Α-	2,840,460
2,500	Whittier, California, Health Facility Revenue Bonds, Presbyterian Intercommunity Hospital, Series 2002, 5.600%, 6/01/22	6/12 at 101.00	А	2,639,200
	Housing/Multifamily - 7.3% (5.0% of Total Investments)			
7,250	California Statewide Community Development Authority, Revenue Refunding Bonds, Irvine Apartment Communities Development, Series 1998A, 4.900%, 5/15/25 (Mandatory put 5/15/08)	7/08 at 101.00	BBB	7,619,532
5,250	California Statewide Community Development Authority, GNMA Collateralized Housing Revenue Refunding Bonds, Crowne Pointe Project, Series 2002F, 6.750%, 8/20/37	8/12 at 105.00	Aaa	5,876,850
5,000	Contra Costa County, California, Multifamily Housing Revenue Bonds, Delta View Apartments Project, Series 1999C, 6.750%, 12/01/30 (Alternative Minimum Tax)	6/09 at 102.00	N/R	4,901,050
7,500	San Bernardino County Housing Authority, California, Multifamily Housing Revenue Refunding Bonds, Equity Residential Properties/Redlands Lawn and Tennis Apartments, Series 1999A, 5.200%, 6/15/29 (Mandatory put 6/15/09)	No Opt. Call	BBB+	7,939,575
	Long-Term Care - 2.4% (1.6% of Total Investments)			
8,500	Riverside County Public Financing Authority, California, Certificates of Participation, Air Force Village West, Series 1999, 5.800%, 5/15/29	5/09 at 101.00	BBB-	8,757,380
	Tax Obligation/General - 22.6% (15.4% of Total Investments)			_
	California, General Obligation Refunding Bonds, Series 2002:			
8,000 4,435	5.000%, 2/01/12 6.000%, 4/01/16 - AMBAC Insured	No Opt. Call No Opt. Call	A AAA	8,714,960 5,256,850
2,000 5,200	California, General Obligation Bonds, Series 2003: 5.250%, 11/01/19 - RAAI Insured 5.250%, 2/01/20	11/13 at 100.00 8/13 at 100.00	AA A	2,151,740 5,548,244
F 000	California, General Obligation Bonds, Series 2004:	4/14 -+ 100 00	A	F 000 000
5,000 4,150	5.125%, 4/01/23 5.125%, 4/01/25	4/14 at 100.00 4/14 at 100.00	A A	5,202,900 4,280,186
1,000	Los Angeles Community College District, Los Angeles County, California, General Obligation Bonds, Election of 2001, Series 2001A, 5.000%, 6/01/26 - MBIA Insured	8/11 at 100.00	AAA	1,014,940
18,500	Los Angeles Unified School District, California, General Obligation Bonds, Series 1999C, 5.250%, 7/01/24 - MBIA Insured	7/09 at 101.00	AAA	19,540,440
10,845	Los Angeles Unified School District, California, General Obligation Bonds, Series 2002E, 5.000%, 7/01/19 - MBIA Insured	7/12 at 100.00	AAA	11,471,841
3,335	Moreno Valley Unified School District, Riverside County, California, General Obligation Bonds, Series 2004A, 5.250%, 8/01/21 - FSA Insured	8/14 at 100.00	AAA	3,625,945

Principal		Optional Call		Market
1,750	Oakland Unified School District, Alameda County, California, General Obligation Bonds, Series 2001, 5.125%, 8/01/21 - FSA Insured	8/08 at 101.00	AAA	1,813,000
5,000	San Diego Unified School District, San Diego County, California, General Obligation Bonds, Series 2003E, 5.250%, 7/01/20 - FSA Insured	7/13 at 101.00	AAA	5,588,300
2,560	Southwestern Community College District, San Diego County, California, General Obligation Bonds, Series 2004, 5.000%, 8/01/23 - FGIC Insured	8/14 at 100.00	AAA	2,676,685
1,300	Ventura County Community College District, California, General Obligation Bonds, Series 2002A, 5.000%, 8/01/15 - MBIA Insured	8/12 at 101.00	AAA	1,406,301
3,605	West Contra Costa Unified School District, Contra Costa County, California, General Obligation Bonds, Series 2003B, 5.000%, 8/01/21 - FSA Insured	8/11 at 101.00	AAA	3,776,562
	Tax Obligation/Limited - 39.1% (26.7% of Total Investments)			
	Brentwood Infrastructure Financing Authority, Contra Costa County, California, Capital Improvement Revenue Bonds, Series 2001:			
1,110 1,165	5.375%, 11/01/18 - FSA Insured 5.375%, 11/01/19 - FSA Insured	11/11 at 100.00 11/11 at 100.00	AAA AAA	1,218,292 1,273,683
1,990	Brentwood Infrastructure Financing Authority, California, Infrastructure Revenue Refunding Bonds, Series 2002A, 5.125%, 9/02/24 - FSA Insured	9/12 at 100.00	AAA	2,071,192
7,400	California, Economic Recovery Revenue Bonds, Series 2004A, 5.000%, 7/01/15	7/14 at 100.00	AA-	8,054,900
2,000	Capistrano Unified School District, Orange County, California, Special Tax Bonds, Community Facilities District 90-2, Talega, Series 2003, 6.000%, 9/01/33	9/13 at 100.00	N/R	2,042,760
3,490	Fontana, California, Senior Special Tax Refunding Bonds, Heritage Village Community Facilities District 2, Series 1998A, 5.250%, 9/01/17 - MBIA Insured	9/08 at 102.00	AAA	3,780,089
1,125	Fontana, California, Special Tax Bonds, Sierra Community Facilities District 22, Series 2004, 6.000%, 9/01/34	9/14 at 100.00	N/R	1,134,371
3,980	Garden Grove, California, Certificates of Participation, Financing Project, Series 2002A, 5.500%, 3/01/22 - AMBAC Insured	3/12 at 101.00	AAA	4,353,563
4,500	Inglewood Redevelopment Agency, California, Tax Allocation Refunding Bonds, Merged Area Redevelopment Project, Series 1998A, 5.250%, 5/01/23 - AMBAC Insured	No Opt. Call	AAA	4,959,945
2,000	Lee Lake Water District, Riverside County, California, Special Tax Bonds, Community Facilities District 1 of Sycamore Creek, Series 2003, 6.500%, 9/01/24	9/13 at 102.00	N/R	2,178,920
2,200	Lincoln, California, Special Tax Bonds, Lincoln Crossing Community Facilities District 03-1, Series 2003A, 6.500%, 9/01/25	9/13 at 102.00	N/R	2,331,626
1,500	Lincoln, California, Special Tax Bonds, Lincoln Crossing Community Facilities District 03-1, Series 2004, 6.000%, 9/01/34	9/13 at 102.00	N/R	1,525,395
5,000		7/08 at 101.00	AAA	5,107,550

Principal	Los Angeles County Metropolitan Transportation Authority, California, Second Senior	Optional Call		Market
	Lien Proposition C Sales Tax Revenue Refunding Bonds, Series 1998A, 5.000%, 7/01/23 - AMBAC Insured			
10,000	Los Angeles County Public Works Financing Authority, California, Revenue Bonds, Regional Park and Open Space District, Series 1997A, 5.000%, 10/01/16	10/07 at 101.00	AA	10,602,700
9,200	Norco Redevelopment Agency, California, Tax Allocation Refunding Bonds, Project Area 1, Series 2001, 5.000%, 3/01/19 - MBIA Insured	3/11 at 102.00	AAA	9,728,632
5,545	Oakland Joint Power Financing Authority, California, Lease Revenue Refunding Bonds, Oakland Convention Centers, Series 2001, 5.500%, 10/01/14 - AMBAC Insured	No Opt. Call	AAA	6,327,954
3,290	Oakland Redevelopment Agency, California, Subordinate Lien Tax Allocation Bonds, Central District Redevelopment Project, Series 2003, 5.500%, 9/01/16 - FGIC Insured	3/13 at 100.00	AAA	3,647,162
4,000	Orange County Local Transportation Authority, California, Limited Sales Tax Revenue Refunding Bonds, Measure M, Series 1997A, 5.700%, 2/15/08 - AMBAC Insured	No Opt. Call	AAA	4,410,200
5,600	Palm Springs Financing Authority, California, Lease Revenue Refunding Bonds, Convention Center Project, Series 2001A, 5.000%, 11/01/22 - MBIA Insured	11/11 at 101.00	AAA	5,838,112
1,000	Palmdale Community Redevelopment Agency, California, Tax Allocation Bonds, Merged Redevelopment Project Areas, Series 2004, 5.000%, 12/01/24 - AMBAC Insured	12/14 at 100.00	AAA	1,035,430
8,100	Poway Redevelopment Agency, California, Tax Allocation Refunding Bonds, Paguay Redevelopment Project, Series 2000, 5.750%, 6/15/33 - MBIA Insured	12/10 at 102.00	AAA	8,908,866
1,055	Poway Redevelopment Agency, California, Tax Allocation Bonds, Paguay Redevelopment Project, Series 2001, 5.375%, 12/15/16 - AMBAC Insured	12/11 at 101.00	AAA	1,164,203
1,860	Riverside Redevelopment Agency, California, Tax Allocation Refunding Bonds, Merged Project Areas, Series 2003, 5.250%, 8/01/22 - MBIA Insured	8/13 at 100.00	AAA	1,988,731
5,815	Riverside County Public Financing Authority, California, Junior Lien Reassessment Revenue Bonds, Rancho Villages Project, Series 1999B, 6.000%, 9/02/07	No Opt. Call	N/R	6,035,737
1,725	Rohnert Park Finance Authority, California, Senior Lien Revenue Bonds, Rancho Feliz Mobile Home Park, Series 2003A, 5.750%, 9/15/38	9/13 at 100.00	BBB	1,736,057
1,120	Rohnert Park Finance Authority, California, Subordinate Lien Revenue Bonds, Rancho Feliz Mobile Home Park, Series 2003B, 6.625%, 9/15/38	9/13 at 100.00	N/R	1,136,979
2,500	Sacramento City Financing Authority, California, Lease Revenue Refunding Bonds, Series 1993A, 5.400%, 11/01/20 - AMBAC Insured	No Opt. Call	AAA	2,831,600
1,150	Sacramento, California, Special Tax Bonds, North Natomas Community Facilities District 4, Series 2003C, 6.000%, 9/01/33	9/14 at 100.00	N/R	1,181,050
24,060	San Jose Redevelopment Agency, California, Tax Allocation Bonds, Merged Area Redevelopment Project, Series 1998, 5.250%, 8/01/29	8/08 at 102.00	А	24,387,697

Principal 2,695	San Jose Financing Authority, California, Lease Revenue Refunding Bonds, Civic Center Project, Series 2002B, 5.250%, 6/01/19 - AMBAC Insured	Optional Call 6/12 at 100.00	AAA	Market 2,894,322
1,595	San Marcos Public Facilities Authority, California, Special Tax Bonds, Community Facilities District 99-1, Series 2003B, 6.000%, 9/01/24	9/09 at 102.00	N/R	1,618,223
2,810	West Patterson Financing Authority, California, Special Tax Bonds, Community Facilities District 01-1, Series 2003B, 7.000%, 9/01/38	9/13 at 103.00	N/R	2,983,012
1,350	West Patterson Financing Authority, California, Special Tax Bonds, Community Facilities District 01-1, Series 2004A, 6.125%, 9/01/39	9/13 at 103.00	N/R	1,361,664
2,000	West Patterson Financing Authority, California, Special Tax Bonds, Community Facilities District 01-1, Series 2004B, 6.000%, 9/01/39	9/13 at 102.00	N/R	1,989,640
	Transportation - 19.7% (13.4% of Total Investments)			_
8,150	Foothill/Eastern Transportation Corridor Agency, California, Toll Road Revenue Refunding Bonds, Series 1999, 5.750%, 1/15/40	1/10 at 101.00	BBB-	8,180,074
8,515	Los Angeles Harbors Department, California, Revenue Refunding Bonds, Series 2001B, 5.500%, 8/01/18 (Alternative Minimum Tax) - AMBAC Insured	8/11 at 100.00	AAA	9,235,539
23,000	Port of Oakland, California, Revenue Bonds, Series 2000K, 5.750%, 11/01/29 (Alternative Minimum Tax) - FGIC Insured	5/10 at 100.00	AAA	24,416,800
5,000	San Francisco Airports Commission, California, Revenue Bonds, San Francisco International Airport, Second Series, Issue 13B, 5.625%, 5/01/21 (Alternative Minimum Tax) - MBIA Insured	5/06 at 101.00	AAA	5,194,400
23,275	San Francisco Airports Commission, California, Revenue Bonds, San Francisco International Airport, Second Series 2000, Issue 24A, 5.750%, 5/01/30 (Alternative Minimum Tax) - FSA Insured	5/10 at 101.00	AAA	24,421,992
	U.S. Guaranteed *** - 1.6% (1.1% of Total Investments)			
5,000	Puerto Rico, General Obligation and Public Improvement Bonds, Series 2000, 5.750%, 7/01/16 (Pre-refunded to 7/01/10) - MBIA Insured	7/10 at 100.00	AAA	5,656,900
	Utilities - 12.8% (8.7% of Total Investments)			
	California Department of Water Resources, Power Supply Revenue Bonds, Series 2002A:			
2,500 9,750	5.375%, 5/01/17 - XLCA Insured 5.125%, 5/01/18	5/12 at 101.00 5/12 at 101.00	AAA A2	2,741,575 10,351,770
3,630	Imperial Irrigation District, California, Certificates of Participation, Electric System Revenue Bonds, Series 2003, 5.250%, 11/01/23 - FSA Insured	11/13 at 100.00	AAA	3,870,633
7,000	Los Angeles Department of Water and Power, California, Power System Revenue Bonds, Series 2001A-1, 5.250%, 7/01/21 - FSA Insured	7/11 at 100.00	AAA	7,498,190
8,370	Los Angeles Department of Water and Power, California, Power System Revenue Refunding Bonds, Series	7/11 at 100.00	AAA	9,119,282

Principal		Optional Call		Market
	2001A-2, 5.375%, 7/01/19 - MBIA Insured			
1,200	Los Angeles Department of Water and Power, California, Power System Revenue Bonds, Series 2003A-2, 5.000%, 7/01/21 - MBIA Insured	7/13 at 100.00	AAA	1,262,808
7,000	Merced Irrigation District, California, Revenue Refunding Bonds, Electric System Project, Series 2001, 6.750%, 9/01/31	9/05 at 102.00	Baa3	7,223,020
4,000	Modesto Irrigation District, California, Certificates of Participation, Capital Improvements, Series 2004A, 5.000%, 7/01/18 - FSA Insured	7/14 at 100.00	AAA	4,277,960
	Water and Sewer - 11.1% (7.6% of Total Investments)			_
11,000	California Department of Water Resources, Water System Revenue Bonds, Central Valley Project, Series 2001W, 5.250%, 12/01/22 - FSA Insured	12/11 at 100.00	AAA	11,743,270
14,000	Orange County Water District, California, Revenue Certificates of Participation, Series 1999A, 5.375%, 8/15/29	8/09 at 101.00	AA+	14,611,100
8,250	Pico Rivera Water Authority, California, Revenue Bonds, Series 2001A, 6.250%, 12/01/32	12/11 at 102.00	N/R	8,366,077
5,115	San Francisco City and County Public Utilities Commission, California, Water Revenue Bonds, Series 2002A, 5.000%, 11/01/18 - MBIA Insured	11/12 at 100.00	AAA	5,432,335
\$ 504,950	Total Long-Term Investments (cost \$506,944,750) - 146.6%			531,611,244
	Other Assets Less Liabilities - 1.7%			5,998,736
	Preferred Shares, at Liquidation Value - (48.3)%		(175,000,000)
	Net Assets Applicable to Common Shares - 100%		•	362,609,980

(1) All percentages shown in the Portfolio of Investments are based on net assets applicable to Common shares unless otherwise noted.

- $_{\star}\,$ Optional Call Provisions: Dates (month and year) and prices of the earliest optional call or redemption. There
- may be other call provisions at varying prices at later dates.
- ** Ratings: Using the higher of Standard & Poor's or Moody's rating.
- *** Securities are backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency
 - securities which ensures the timely payment of principal and interest.
- N/R Investment is not rated.

Income Tax Information

The following information is presented on an income tax basis. Differences between amounts for financial

statement and federal income tax purposes are primarily due to timing differences in recognizing income

on taxable market discount securities and timing differences in recognizing certain gains and losses on

security transactions.

At November 30, 2004, the cost of investments was \$506,762,406.

Gross unrealized appreciation and gross unrealized depreciation of investments at November 30, 2004,

were as follows:

Gross unrealized: Appreciation

\$26,235,283

Depreciation	(1,386,445)
Net unrealized appreciation of investments	\$24,848,838

Item 2. Controls and Procedures.

- a. The registrant's principal executive and principal financial officers, or persons performing similar functions, have concluded that the registrant's disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940, as amended (the "1940 Act") (17 CFR 270.30a-3(c))) are effective, as of a date within 90 days of the filing date of this report that includes the disclosure required by this paragraph, based on their evaluation of the controls and procedures required by Rule 30a-3(b) under the 1940 Act (17 CFR 270.30a-3(b)) and Rule 13a-15(b) or 15d-15(b) under the Securities Exchange Act of 1934, (17 CFR 240.13a-15(b) or 240.15d-15(b)).
- b. There were no changes in the registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under the 1940 Act (17 CFR 270.30a-3(d)) 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.

File as exhibits as part of this Form a separate certification for each principal executive officer and principal financial officer of the registrant as required by Rule 30a-2(a) under the Act (17 CFR 270.30a-2(a)), exactly as set forth below: EX-99 CERT Attached hereto.

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.

(Registrant) Nuveen California Dividend Advantage Municipal Fund
By (Signature and Title)*/s/ Jessica R. DroegerVice President and Secretary
Date01/28/05
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 (Signature and Title)*/s/ Gifford R. ZimmermanChief Administrative Officer (Principal Executive Officer)
Date01/28/05
By (Signature and Title)*/s/ Stephen D. FoyVice President and Controller (Principal Financial Officer)
Date01/28/05

pending their finalization. If we determine withholding is appropriate with respect to the notes, we will withhold tax at the applicable statutory rate, and we will not pay any additional amounts in respect of such withholding. Account holders subject to information reporting requirements pursuant to the Foreign Account Tax Compliance Act may include holders of the notes. Foreign financial institutions and non-financial foreign entities located in jurisdictions that have an intergovernmental agreement with the United States governing the Foreign Account Tax Compliance Act

^{*} Print the name and title of each signing officer under his or her signature.

may be subject to different rules. Holders are urged to consult with their own tax advisors regarding the possible implications of this legislation on their investment in the notes.

Supplemental Plan of Distribution (Conflicts of Interest)

BMOCM will purchase the notes from us at a purchase price reflecting the commission set forth on the cover page of this pricing supplement. BMOCM has informed us that, as part of its distribution of the notes, it will reoffer the notes to other dealers who will sell them. Each such dealer, or each additional dealer engaged by a dealer to whom BMOCM reoffers the notes, will receive a commission from BMOCM, which will not exceed the commission set forth on the cover page. This commission includes a selling concession of up to 1.60% of the principal amount that we or one of our affiliates will pay to one or more dealers in connection with the distribution of the notes.

Certain dealers who purchase the notes for sale to certain fee-based advisory accounts may forego some or all of their selling concessions, fees or commissions. The public offering price for investors purchasing the notes in these accounts may be less than 100% of the principal amount, as set forth on the cover page of this document. Investors that hold their notes in these accounts may be charged fees by the investment advisor or manager of that account based on the amount of assets held in those accounts, including the notes.

We own, directly or indirectly, all of the outstanding equity securities of BMOCM, the agent for this offering. In accordance with FINRA Rule 5121, BMOCM may not make sales in this offering to any of its discretionary accounts without the prior written approval of the customer.

You should not construe the offering of the notes as a recommendation of the merits of acquiring an investment linked to any Underlying Asset or as to the suitability of an investment in the notes.

BMOCM may, but is not obligated to, make a market in the notes. BMOCM will determine any secondary market prices that it is prepared to offer in its sole discretion.

We may use this pricing supplement in the initial sale of the notes. In addition, BMOCM or another of our affiliates may use this pricing supplement in market-making transactions in any notes after their initial sale. Unless BMOCM or we inform you otherwise in the confirmation of sale, this pricing supplement is being used by BMOCM in a market-making transaction.

For a period of approximately three months following issuance of the notes, the price, if any, at which we or our affiliates would be willing to buy the notes from investors, and the value that BMOCM may also publish for the notes

through one or more financial information vendors and which could be indicated for the notes on any brokerage account statements, will reflect a temporary upward adjustment from our estimated value of the notes that would otherwise be determined and applicable at that time. This temporary upward adjustment represents a portion of (a) the hedging profit that we or our affiliates expect to realize over the term of the notes and (b) the underwriting discount and selling concessions paid in connection with this offering. The amount of this temporary upward adjustment will decline to zero on a straight-line basis over the three-month period.

No Prospectus (as defined in Directive 2003/71/EC (as amended, the "Prospectus Directive")) will be prepared in connection with the notes. Accordingly, the notes may not be offered to the public in any member state of the European Economic Area (the "EEA"), and any purchaser of the notes who subsequently sells any of the notes in any EEA member state must do so only in accordance with the requirements of the Prospectus Directive, as implemented in that member state.

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The notes are not intended to be offered, sold or otherwise made available to, and should not be offered, sold or otherwise made available to, any retail investor in the EEA. For these purposes, the expression "offer" includes the communication in any form and by any means of sufficient information on the terms of the offer and the notes to be offered so as to enable an investor to decide to purchase or subscribe the notes, and a "retail investor" means a person who is one (or more) of: (a) a retail client, as defined in point (11) of Article 4(1) of Directive 2014/65/EU (as amended, "MiFID II"); or (b) a customer, within the meaning of Insurance Distribution Directive 2016/97/EU, as amended, where that customer would not qualify as a professional client as defined in point (10) of Article 4(1) of MiFID II; or (c) not a qualified investor as defined in the Prospectus Directive. Consequently, no key information document required by Regulation (EU) No 1286/2014 (as amended, the "PRIIPs Regulation") for offering or selling the notes or otherwise making them available to retail investors in the EEA has been prepared, and therefore, offering or selling the notes or otherwise making them available to any retail investor in the EEA may be unlawful under the PRIIPs Regulation.

Additional Information Relating to the Estimated Initial Value of the Notes

Our estimated initial value of the notes that is set forth on the cover page of this pricing supplement equals the sum of the values of the following hypothetical components:

a fixed-income debt component with the same tenor as the notes, valued using our internal funding rate for structured notes; and

one or more derivative transactions relating to the economic terms of the notes.

The internal funding rate used in the determination of the initial estimated value generally represents a discount from the credit spreads for our conventional fixed-rate debt. The value of these derivative transactions are derived from our internal pricing models. These models are based on factors such as the traded market prices of comparable derivative instruments and on other inputs, which include volatility, dividend rates, interest rates and other factors. As a result, the estimated initial value of the notes on the Pricing Date was determined based on market conditions on the Pricing Date.

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The Underlying Assets

All disclosures contained in this pricing supplement regarding the Underlying Assets, including, without limitation, their make-up, method of calculation, and changes in their components and their historical closing values, have been derived from publicly available information prepared by the applicable sponsors. The information reflects the policies of, and is subject to change by, the sponsors. The sponsors own the copyrights and all rights to the Underlying Assets. The sponsors are under no obligation to continue to publish, and may discontinue publication of, the Underlying Assets. Neither we nor BMO Capital Markets Corp. accepts any responsibility for the calculation, maintenance or publication of any Underlying Asset or any successor index.

Investors in the notes are encouraged to review recent levels of the Underlying Assets prior to making an investment decision.

The S&P 500® Index

The S&P 500[®] Index is intended to provide an indication of the pattern of common stock price movement. The calculation of the level of this Underlying Asset is based on the relative value of the aggregate market value of the common stocks of 500 companies as of a particular time compared to the aggregate average market value of the common stocks of 500 similar companies during the base period of the years 1941 through 1943.

S&P calculates this Underlying Asset by reference to the prices of the constituent stocks of this Underlying Asset without taking account of the value of dividends paid on those stocks. As a result, the return on the notes will not reflect the return you would realize if you actually owned the SPX constituent stocks and received the dividends paid on those stocks.

Computation of the S&P 500[®] Index

While S&P currently employs the following methodology to calculate the S&P 500® Index, no assurance can be given that S&P will not modify or change this methodology in a manner that may affect the Payment at Maturity.

Historically, the market value of any component stock of the S&P $500^{\$}$ Index was calculated as the product of the market price per share and the number of then outstanding shares of such component stock. In March 2005, S&P began shifting the S&P $500^{\$}$ Index halfway from a market capitalization weighted formula to a float-adjusted formula, before moving the S&P $500^{\$}$ Index to full float adjustment on September 16, 2005. S&P's criteria for selecting stocks for the S&P $500^{\$}$ Index did not change with the shift to float adjustment. However, the adjustment affects each company's weight in the S&P $500^{\$}$ Index.

Under float adjustment, the share counts used in calculating the S&P 500® Index reflect only those shares that are available to investors, not all of a company's outstanding shares. Float adjustment excludes shares that are closely held by control groups, other publicly traded companies or government agencies.

In September 2012, all shareholdings representing more than 5% of a stock's outstanding shares, other than holdings by "block owners," were removed from the float for purposes of calculating the S&P 500Index. Generally, these "control holders" will include officers and directors, private equity, venture capital and special equity firms, other publicly traded companies that hold shares for control, strategic partners, holders of restricted shares, ESOPs, employee and family trusts, foundations associated with the company, holders of unlisted share classes of stock, government entities at all levels (other than government retirement/pension funds) and any individual person who controls a 5% or greater stake in a company as reported in regulatory filings. However, holdings by block owners, such as depositary banks, pension funds, mutual funds and ETF providers, 401(k) plans of the company, government retirement/pension funds, investment funds of insurance companies, asset managers and investment funds, independent foundations and savings and investment plans, will ordinarily be considered part of the float.

Treasury stock, stock options, equity participation units, warrants, preferred stock, convertible stock, and rights are not part of the float. Shares held in a trust to allow investors in countries outside the country of domicile, such as depositary shares and Canadian exchangeable shares are normally part of the float unless those shares form a control block.

For each stock, an investable weight factor ("IWF") is calculated by dividing the available float shares by the total shares outstanding. Available float shares are defined as the total shares outstanding less shares held by control holders. This calculation is subject to a 5% minimum threshold for control blocks. For example, if a company's officers and directors hold 3% of the company's shares, and no other control group holds 5% of the company's shares, S&P would assign that company an IWF of 1.00, as no control group meets the 5% threshold. However, if a company's officers and directors hold 3% of the company's shares and another control group holds 20% of the company's shares, S&P would assign an IWF of 0.77, reflecting the fact that 23% of the company's outstanding shares are considered to be held for control. As of July 31, 2017, companies with multiple share class lines are no longer eligible for inclusion in the S&P 500® Index. Constituents of the S&P 500® Index prior to July 31, 2017 with multiple share class lines will be grandfathered in and continue to be included in the S&P 500® Index. If a constituent company of the S&P 500® Index reorganizes into a multiple share class line structure, that company will remain in the S&P 500® Index at the discretion of the S&P Index Committee in order to minimize turnover.

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The S&P 500® Index is calculated using a base-weighted aggregate methodology. The level of the S&P 500® Index reflects the total market value of all 500 component stocks relative to the base period of the years 1941 through 1943. An indexed number is used to represent the results of this calculation in order to make the level easier to use and track over time. The actual total market value of the component stocks during the base period of the years 1941 through 1943 has been set to an indexed level of 10. This is often indicated by the notation 1941-43 = 10. In practice, the daily calculation of the S&P 500® Index is computed by dividing the total market value of the component stocks by the "index divisor." By itself, the index divisor is an arbitrary number. However, in the context of the calculation of the S&P 500® Index, it serves as a link to the original base period level of the S&P 500® Index. The index divisor keeps the S&P 500® Index comparable over time and is the manipulation point for all adjustments to the S&P 500® Index, which is index maintenance.

Index Maintenance

Index maintenance includes monitoring and completing the adjustments for company additions and deletions, share changes, stock splits, stock dividends, and stock price adjustments due to company restructuring or spinoffs. Some corporate actions, such as stock splits and stock dividends, require changes in the common shares outstanding and the stock prices of the companies in the S&P 500[®] Index, and do not require index divisor adjustments.

To prevent the level of the S&P $500^{\text{®}}$ Index from changing due to corporate actions, corporate actions which affect the total market value of the S&P $500^{\text{®}}$ Index require an index divisor adjustment. By adjusting the index divisor for the change in market value, the level of the S&P $500^{\text{®}}$ Index remains constant and does not reflect the corporate actions of individual companies in the S&P $500^{\text{®}}$ Index. Index divisor adjustments are made after the close of trading and after the calculation of the S&P $500^{\text{®}}$ Index closing level.

Changes in a company's total shares outstanding of 5% or more due to public offerings are made as soon as reasonably possible. Other changes of 5% or more (for example, due to tender offers, Dutch auctions, voluntary exchange offers, company stock repurchases, private placements, acquisitions of private companies or non-index companies that do not trade on a major exchange, redemptions, exercise of options, warrants, conversion of preferred stock, notes, debt, equity participations, at-the-market stock offerings or other recapitalizations) are made weekly, and are generally announced on Fridays for implementation after the close of trading the following Friday (one week later). If a 5% or more share change causes a company's IWF to change by five percentage points or more, the IWF is updated at the same time as the share change. IWF changes resulting from partial tender offers are considered on a case-by-case basis.

License Agreement

We and S&P have entered into a non-exclusive license agreement providing for the license to us and certain of our affiliates, in exchange for a fee, of the right to use the S&P 500[®] Index, in connection with certain securities, including the notes. The S&P 500[®] Index is owned and published by S&P.

The license agreement between S&P and us provides that the following language must be set forth in this pricing supplement:

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The Russell 2000® Index

The RTY was developed by Russell Investments ("Russell") before FTSE International Limited ("FTSE") and Russell combined in 2015 to create FTSE Russell, which is wholly owned by London Stock Exchange Group. Russell began dissemination of the RTY (Bloomberg L.P. index symbol "RTY") on January 1, 1984. The RTY was set to 135 as of the close of business on December 31, 1986. FTSE Russell calculates and publishes the RTY. The RTY is designed to track the performance of the small capitalization segment of the U.S. equity market. As a subset of the Russell 3000® Index, the RTY consists of the smallest 2,000 companies included in the Russell 3000® Index. The Russell 3000® Index measures the performance of the largest 3,000 U.S. companies. The RTY is determined, comprised, and calculated by FTSE Russell without regard to the notes.

Selection of Stocks Comprising the RTY

All companies eligible for inclusion in the RTY must be classified as a U.S. company under FTSE Russell's country-assignment methodology. If a company is incorporated, has a stated headquarters location, and trades on a standard exchange in the same country (American Depositary Receipts and American Depositary Shares are not eligible), then the company is assigned to its country of incorporation. If any of the three factors are not the same, FTSE Russell defines three Home Country Indicators ("HCIs"): country of incorporation, country of headquarters, and country of the most liquid exchange (as defined by a two-year average daily dollar trading volume) ("ADDTV") from all exchanges within a country. Using the HCIs, FTSE Russell compares the primary location of the company's assets with the three HCIs. If the primary location of its assets matches any of the HCIs, then the company is assigned to the primary location of its assets. If there is insufficient information to determine the country in which the company's assets are primarily located, FTSE Russell will use the primary location of the company's revenue for the same cross-comparison and assigns the company to the appropriate country in a similar fashion. FTSE Russell uses the average of two years of assets or revenues data to reduce potential turnover. If conclusive country details cannot be derived from assets or revenues data, FTSE Russell will assign the company to the country in which its headquarters are located unless the country is a Benefit Driven Incorporation "BDI" country. If the country in which its headquarters are located is a BDI, it will be assigned to the country of its most liquid stock exchange. BDI countries include: Anguilla, Antigua and Barbuda, Aruba, Bahamas, Barbados, Belize, Bermuda, Bonaire, British Virgin Islands, Cayman Islands, Channel Islands, Cook Islands, Curacao, Faroe Islands, Gibraltar, Guernsey, Isle of Man, Jersey, Liberia, Marshall Islands, Panama, Saba, Sint Eustatius, Sint Maarten, and Turks and Caicos Islands. For any companies incorporated or headquartered in a U.S. territory, including countries such as Puerto Rico, Guam, and U.S. Virgin Islands, a U.S. HCI is assigned.

All securities eligible for inclusion in the RTY must trade on a major U.S. exchange. Stocks must have a closing price at or above \$1.00 on their primary exchange on the "rank day" in May of each year (timetable is announced each spring) to be eligible for inclusion during annual reconstitution. However, in order to reduce unnecessary turnover, if an existing member's closing price is less than \$1.00 on the last day of May, it will be considered eligible if the average of the daily closing prices (from its primary exchange) during the month of May is equal to or greater than \$1.00. FTSE

Russell adds initial public offerings (IPOs) each quarter to ensure that new additions to the institutional investing opportunity set are reflected in representative indexes. A stock added during the quarterly IPO process is considered a new index addition, and therefore must have a closing price on its primary exchange at or above \$1.00 on the last day of the eligibility period in order to qualify for index inclusion. If an existing index member does not trade on the rank day, it must price at \$1.00 or above on another eligible U.S. exchange to remain eligible.

Royalty trusts, limited liability companies, closed-end investment companies (companies that are required to report Acquired Fund Fees and Expenses, as defined by the SEC, including business development companies, are not eligible), blank check companies, special-purpose acquisition companies, exchange traded funds, mutual funds and limited partnerships are ineligible for inclusion. Preferred and convertible preferred stock, redeemable shares, participating preferred stock, warrants, rights, installment receipts and trust receipts are not eligible for inclusion in the RTY.

Annual reconstitution is a process by which the RTY is completely rebuilt. On the rank day of July, all eligible securities are ranked by their total market capitalization. The largest 4,000 become the Russell 3000E Index, and the other FTSE Russell indexes are determined from that set of securities. Reconstitution of the RTY occurs on the last Friday in June or, when the last Friday in June is the 29th or 30th, reconstitution occurs on the prior Friday. In addition, FTSE Russell adds initial public offerings to the RTY on a quarterly basis based on total market capitalization ranking within the market-adjusted capitalization breaks established during the most recent reconstitution.

After membership is determined, a security's shares are adjusted to include only those shares available to the public. This is often referred to as "free float." The purpose of the adjustment is to exclude from market calculations the capitalization that is not available for purchase and is not part of the investable opportunity set.

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License Agreement

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Validity of the Notes

In the opinion of Osler, Hoskin & Harcourt LLP, the issue and sale of the notes has been duly authorized by all necessary corporate action of the Bank in conformity with the Senior Indenture, and when this pricing supplement has been attached to, and duly notated on, the master note that represents the notes, the notes will have been validly executed and issued and, to the extent validity of the notes is a matter governed by the laws of the Province of Ontario, or the laws of Canada applicable therein, and will be valid obligations of the Bank, subject to the following limitations (i) the enforceability of the Senior Indenture may be limited by the Canada Deposit Insurance Corporation Act (Canada), the Winding-up and Restructuring Act (Canada) and bankruptcy, insolvency, reorganization, receivership, moratorium, arrangement or winding-up laws or other similar laws affecting the enforcement of creditors' rights generally; (ii) the enforceability of the Senior Indenture may be limited by equitable principles, including the principle that equitable remedies such as specific performance and injunction may only be granted in the discretion of a court of competent jurisdiction; (iii) pursuant to the Currency Act (Canada) a judgment by a Canadian court must be awarded in Canadian currency and that such judgment may be based on a rate of exchange in existence on a day other than the day of payment; and (iv) the enforceability of the Senior Indenture will be subject to the limitations contained in the Limitations Act, 2002 (Ontario), and such counsel expresses no opinion as to whether a court may find any provision of the Senior Debt Indenture to be unenforceable as an attempt to vary or exclude a limitation period under that Act. This opinion is given as of the date hereof and is limited to the laws of the Provinces of Ontario and the federal laws of Canada applicable thereto. In addition, this opinion is subject to customary assumptions about the Trustee's authorization, execution and delivery of the Indenture and the genuineness of signatures and certain factual matters, all as stated in the letter of such counsel dated September 23, 2018, which has been filed as Exhibit 5.3 to Bank of Montreal's Form 6-K filed with the SEC and dated September 23, 2018.

In the opinion of Morrison & Foerster LLP, when the pricing supplement has been attached to, and duly notated on, the master note that represents the notes, and the notes have been issued and sold as contemplated by the prospectus supplement and the prospectus, the notes will be valid, binding and enforceable obligations of Bank of Montreal, entitled to the benefits of the Senior Indenture, subject to applicable bankruptcy, insolvency and similar laws affecting creditors' rights generally, concepts of reasonableness and equitable principles of general applicability (including, without limitation, concepts of good faith, fair dealing and the lack of bad faith). This opinion is given as of the date hereof and is limited to the laws of the State of New York. This opinion is subject to customary assumptions about the Trustee's authorization, execution and delivery of the Senior Indenture and the genuineness of signatures and to such counsel's reliance on the Bank and other sources as to certain factual matters, all as stated in the legal opinion dated September 23, 2018, which has been filed as Exhibit 5.4 to the Bank's Form 6-K dated September 23, 2018.

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