

Dreyfus Premier California Tax Exempt Bond Fund, Inc.

ANNUAL REPORT May 31, 2006



YOU, YOUR ADVISOR AND

Dreyfus

A MELLON FINANCIAL COMPANY™

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LETTER FROM THE CHAIRMAN

Dear Shareholder:

We are pleased to present this annual report for Dreyfus Premier California Tax Exempt Bond Fund, Inc., covering the 12-month period from June 1, 2005, through May 31, 2006.

Since June 2004, the Federal Reserve Board (the "Fed") has attempted to manage U.S. economic growth and forestall potential inflation by gradually raising short-term interest rates. In our view, the Fed's shift from a stimulative monetary policy to a neutral one has so far been successful: the economy has grown at a moderate pace, the unemployment rate has dropped, corporate profits have risen, and inflation has generally remained in check despite recent cost pressures stemming from higher energy and import prices.

As we near the second half of the year, the financial markets appear more likely to be influenced not by what the Fed already has accomplished, but by investors' expectations of what is to come, including the Fed's decision to increase rates further, maintain them at current levels or reduce them to stimulate future growth. We believe that this decision will depend largely on the outlook for core inflation in 2007. The Fed probably can stand pat as long as it expects inflation to remain subdued. But if inflationary pressures continue to build, the Fed may choose to tighten monetary policy further. As always, we urge you to discuss with your financial advisor the potential implications of these possibilities on your investments.

For information about how the fund performed during the reporting period, as well as market perspectives, we have provided a Discussion of Fund Performance given by the fund's portfolio manager.

Thank you for your continued confidence and support.

Sincerely,

Stephen E. Canter
Chairman and Chief Executive Officer
The Dreyfus Corporation
June 15, 2006



DISCUSSION OF FUND PERFORMANCE

Joseph P. Darcy, Senior Portfolio Manager

How did Dreyfus Premier California Tax Exempt Bond Fund perform relative to its benchmark?

For the 12-month period ended May 31, 2006, the fund's Class A, Class B, Class C and Class Z shares produced total returns of 1.44%, 0.93%, 0.67% and 1.57%, respectively.¹ In comparison, the Lehman Brothers Municipal Bond Index, the fund's benchmark, achieved a total return of 1.89% for the same period.²

Although municipal bond prices held up relatively well during most of the reporting period, and despite rising interest rates and other market factors, prices began to fall more steeply when inflation concerns intensified in the spring of 2006. The fund's returns lagged its benchmark, primarily because the benchmark contains bonds from many states, not just California, and does not reflect fund fees and expenses.

What is the fund's investment approach?

The fund seeks as high a level of current income exempt from federal and California state income taxes as is consistent with the preservation of capital. To pursue this goal, the fund normally invests substantially all of its assets in municipal bonds that provide income exempt from federal and California state personal income taxes. The fund will invest at least 80% of its assets in investment-grade municipal bonds or the unrated equivalent as determined by Dreyfus. The fund may invest up to 20% of its assets in municipal bonds rated below investment grade ("high yield" or "junk" bonds) or the unrated equivalent as determined by Dreyfus. The dollar-weighted average maturity of the fund's portfolio normally exceeds 10 years, but the fund's average portfolio maturity is not restricted.

We may buy and sell bonds based on credit quality, market outlook and yield potential. In selecting municipal bonds for investment, we may assess the current interest-rate environment and the municipal bond's potential volatility in different rate environments. We focus on

bonds with the potential to offer attractive current income, typically looking for bonds that can provide consistently attractive current yields or that are trading at competitive market prices. A portion of the fund's assets may be allocated to "discount" bonds, which are bonds that sell at a price below their face value, or to "premium" bonds, which are bonds that sell at a price above their face value. The fund's allocation either to discount bonds or to premium bonds will change along with our changing views of the current interest-rate and market environment. We also may look to select bonds that are most likely to obtain attractive prices when sold.

What other factors influenced the fund's performance?

During the reporting period, the Federal Reserve Board (the "Fed") implemented eight more increases in the overnight federal funds rate, driving it to 5% by the reporting period's end. While longer-term bond yields also rose, they climbed less steeply than short-term rates, contributing to a further narrowing of yield differences between the short and long ends of the market. A more pronounced rise in long-term yields in the spring of 2006 occurred in response to mounting inflation concerns, but was not enough to erase the fund's positive absolute performance for the reporting period overall.

The fund's results also were influenced by supply-and-demand factors. The steadily growing U.S. economy benefited California and most other states, helping to reduce unemployment and boost corporate and personal incomes. Consequently, California enjoyed higher tax revenues, which helped reduce longstanding budget pressures. At the same time, demand for California securities remained robust from individual and institutional investors, putting downward pressure on yields and supporting prices.

In this environment, we set the fund's average duration — a measure of sensitivity to changing interest rates — in a range we considered slightly longer than industry averages. This enabled the fund to participate more fully in relative strength at the longer end of the market's

maturity spectrum for much of the reporting period. However, relative returns were constrained when we placed more emphasis on higher-quality bonds than the benchmark at a time when higher-yielding, lower-rated municipal securities produced higher returns.

As market volatility intensified in March 2006, we began to focus more intently on bonds with intermediate-term maturities, and we modestly increased the fund's exposure to higher-yielding, investment-grade credits, including bonds backed by California health care facilities. As a result, the fund avoided the full brunt of renewed turbulence among longer-term securities.

What is the fund's current strategy?

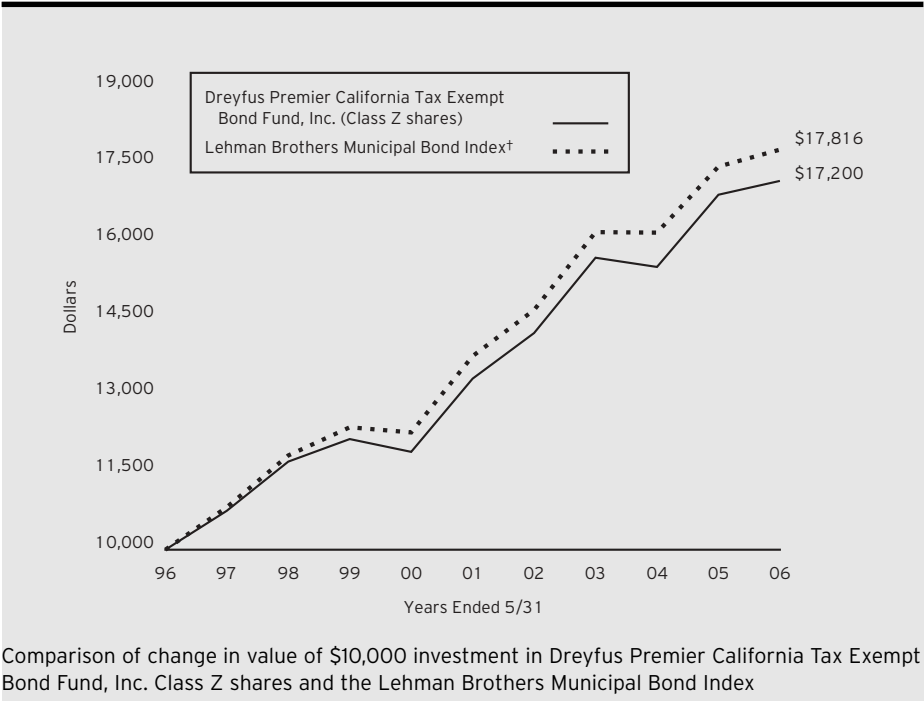
Although additional rate hikes are probable, we believe that the Fed's credit tightening campaign may end soon should the U.S. economy begin to slow. Accordingly, we have maintained a neutral average duration given the recent market volatility. Further changes in the fund's investment posture are likely to be determined as the strength and direction of economic growth, inflation and interest rates become clearer.

June 15, 2006

¹ *Total return includes reinvestment of dividends and any capital gains paid. Past performance is no guarantee of future results. Share price, yield and investment return fluctuate such that upon redemption, fund shares may be worth more or less than their original cost. Income may be subject to state and local taxes for non-California residents, and some income may be subject to the federal alternative minimum tax (AMT) for certain investors. Capital gains, if any, are taxable. Return figures provided for the fund's Class A, B and C shares reflect the absorption of certain expenses by The Dreyfus Corporation pursuant to an agreement which was terminated on May 31, 2006. Had these expenses not been absorbed, the fund's returns would have been lower.*

² *SOURCE: LIPPER INC. — Reflects reinvestment of dividends and, where applicable, capital gain distributions. The Lehman Brothers Municipal Bond Index is a widely accepted, unmanaged total return performance benchmark for the long-term, investment-grade, tax-exempt bond market. Index returns do not reflect fees and expenses associated with operating a mutual fund.*

FUND PERFORMANCE



† Source: Lipper Inc.

Past performance is not predictive of future performance.

The above graph compares a \$10,000 investment made in Class Z shares of Dreyfus Premier California Tax Exempt Bond Fund, Inc. on 5/31/96 to a \$10,000 investment made in the Lehman Brothers Municipal Bond Index (the "Index") on that date. All dividends and capital gain distributions are reinvested. Performance for Class A, Class B and Class C shares will vary from the performance of Class Z shares shown above due to differences in charges and expenses. The fund invests primarily in California municipal securities and its performance shown in the line graph takes into account all applicable fees and expenses for Class Z shares. The Index is not limited to investments principally in California municipal obligations and does not take into account charges, fees and other expenses. The Index, unlike the fund, is an unmanaged total return performance benchmark for the long-term, investment-grade, geographically unrestricted tax-exempt bond market, calculated by using municipal bonds selected to be representative of the municipal market overall. These factors can contribute to the Index potentially outperforming or underperforming the fund. Further information relating to fund performance, including expense reimbursements, if applicable, is contained in the Financial Highlights section of the prospectus and elsewhere in this report.

Actual Aggregate Total Returns as of 5/31/06

	Inception Date	1 Year	5 Years	10 Years	From Inception
Class Z shares		1.57%	5.21%	5.57%	
Class A shares					
with maximum sales charge (4.50%)	10/21/04	(3.15)%	—	—	(0.08)%
without sales charge	10/21/04	1.44%	—	—	2.83%
Class B shares					
with applicable redemption charge [†]	10/21/04	(2.97)%	—	—	(0.08)%
without redemption	10/21/04	0.93%	—	—	2.33%
Class C shares					
with applicable redemption charge ^{††}	10/21/04	(0.31)%	—	—	2.06%
without redemption	10/21/04	0.67%	—	—	2.06%

Past performance is not predictive of future performance. The fund's performance shown in the graph and table does not reflect the deduction of taxes that a shareholder would pay on fund distributions or the redemption of fund shares.

[†] The maximum contingent deferred sales charge for Class B shares is 4%. After six years Class B shares convert to Class A shares.

^{††} The maximum contingent deferred sales charge for Class C shares is 1% for shares redeemed within one year of the date of purchase.

UNDERSTANDING YOUR FUND'S EXPENSES (Unaudited)

As a mutual fund investor, you pay ongoing expenses, such as management fees and other expenses. Using the information below, you can estimate how these expenses affect your investment and compare them with the expenses of other funds. You also may pay one-time transaction expenses, including sales charges (loads) and redemption fees, which are not shown in this section and would have resulted in higher total expenses. For more information, see your fund's prospectus or talk to your financial adviser.

Review your fund's expenses

The table below shows the expenses you would have paid on a \$1,000 investment in Dreyfus Premier California Tax Exempt Bond Fund, Inc. from December 1, 2005 to May 31, 2006. It also shows how much a \$1,000 investment would be worth at the close of the period, assuming actual returns and expenses.

Expenses and Value of a \$1,000 Investment				
assuming actual returns for the six months ended May 31, 2006				
	Class A	Class B	Class C	Class Z
Expenses paid per \$1,000†	\$ 5.07	\$ 7.58	\$ 8.87	\$ 4.07
Ending value (after expenses)	\$1,014.70	\$1,012.20	\$1,010.10	\$1,015.00

COMPARING YOUR FUND'S EXPENSES
WITH THOSE OF OTHER FUNDS (Unaudited)

Using the SEC's method to compare expenses

The Securities and Exchange Commission (SEC) has established guidelines to help investors assess fund expenses. Per these guidelines, the table below shows your fund's expenses based on a \$1,000 investment, assuming a hypothetical 5% annualized return. You can use this information to compare the ongoing expenses (but not transaction expenses or total cost) of investing in the fund with those of other funds. All mutual fund shareholder reports will provide this information to help you make this comparison. Please note that you cannot use this information to estimate your actual ending account balance and expenses paid during the period.

Expenses and Value of a \$1,000 Investment				
assuming a hypothetical 5% annualized return for the six months ended May 31, 2006				
	Class A	Class B	Class C	Class Z
Expenses paid per \$1,000†	\$ 5.09	\$ 7.59	\$ 8.90	\$ 4.08
Ending value (after expenses)	\$1,019.90	\$1,017.40	\$1,016.11	\$1,020.89

† Expenses are equal to the fund's annualized expense ratio of .90% for Class A, 1.39% for Class B, 1.66% for Class C and .71% for Class Z; multiplied by the average account value over the period, multiplied by 182/365 (to reflect the one-half year period).

STATEMENT OF INVESTMENTS

May 31, 2006

Long-Term Municipal Investments-102.6%	Coupon Rate (%)	Maturity Date	Principal Amount (\$)	Value (\$)
California-95.9%				
ABAG Finance Authority for Nonprofit Corps., MFHR (Central Park Apartments)	5.50	7/1/19	1,010,000	1,036,452
ABAG Finance Authority for Nonprofit Corps., MFHR (Central Park Apartments)	5.60	7/1/38	5,815,000	5,918,740
ABAG Finance Authority for Nonprofit Corps., MFHR (Sansum-Santa Barbara Medical)	5.50	4/1/21	3,500,000	3,680,320
Alameda County, COP (Insured; MBIA)	7.06	12/1/13	10,000,000 a,b	10,867,800
Alameda County, COP (Financing Project) (Insured; MBIA)	6.00	9/1/06	2,560,000 c	2,626,048
Anaheim Public Finance Authority, Tax Allocation Revenue (Insured; MBIA)	6.45	12/28/18	26,000,000	27,575,340
Bay Area Toll Authority, San Francisco Bay Area Toll Bridge Revenue	5.00	4/1/25	17,675,000	18,419,824
Bay Area Toll Authority, San Francisco Bay Area Toll Bridge Revenue	5.00	4/1/26	14,500,000	15,075,940
Bay Area Toll Authority, San Francisco Bay Area Toll Bridge Revenue	5.00	4/1/31	19,000,000	19,647,710
California, Economic Recovery Bonds	5.00	7/1/16	13,000,000	13,726,830
California, GO	5.00	2/1/20	10,000,000	10,284,800
California, GO	5.00	2/1/20	11,385,000	11,806,017
California, GO	5.00	3/1/20	10,395,000	10,863,503
California, GO	5.25	4/1/27	6,475,000	6,798,750
California, GO	5.50	4/1/28	900,000	977,355
California, GO	5.25	2/1/30	25,700,000	26,594,617

STATEMENT OF INVESTMENTS (continued)

Long-Term Municipal Investments (continued)	Coupon Rate (%)	Maturity Date	Principal Amount (\$)	Value (\$)
California (continued)				
California, GO	5.25	4/1/34	17,000,000	17,722,160
California, GO (Veterans)	5.05	12/1/36	14,500,000	14,544,805
California, Various Purpose	6.13	10/1/11	2,875,000	3,206,516
California, Various Purpose	5.25	11/1/28	14,650,000	15,312,326
California Department of Veteran Affairs, Home Purchase Revenue	5.50	12/1/19	11,380,000	11,866,154
California Department of Veteran Affairs, Home Purchase Revenue	5.20	12/1/28	10,000,000	10,004,000
California Department of Water Resources, Power Supply Revenue	5.88	5/1/12	10,000,000 ¢	11,207,700
California Department of Water Resources, Power Supply Revenue (Insured; AMBAC)	5.38	5/1/12	20,585,000 ¢	22,535,017
California Educational Facilities Authority, Revenue (Pooled College and University Projects)	5.63	7/1/23	1,275,000	1,275,395
California Health Facilities Financing Authority, Revenue (Cedars-Sinai Medical Center)	6.13	12/1/09	30,695,000 ¢	33,403,527
California Health Facilities Financing Authority, Revenue (Cedars-Sinai Medical Center)	6.25	12/1/09	9,460,000 ¢	10,333,253
California Health Facilities Financing Authority, Revenue (Sutter Health)	6.25	8/15/35	7,965,000	8,753,376
California Health Facilities Financing Authority, Revenue (Sutter Health) (Insured; MBIA)	5.35	8/15/28	3,780,000	3,949,155
California Housing Finance Agency, MFHR (Insured; AMBAC)	6.15	8/1/22	1,845,000	1,885,405
California Housing Finance Agency, SFMR	6.30	8/1/24	700,000	702,667
California Housing Finance Agency, SFMR	6.45	8/1/25	370,000	371,458

Long-Term Municipal Investments (continued)	Coupon Rate (%)	Maturity Date	Principal Amount (\$)	Value (\$)
California (continued)				
California Housing Finance Agency, SFMR (Insured; AMBAC)	6.25	8/1/14	250,000	250,935
California Infrastructure and Economic Development Bank, Revenue (Kaiser Hospital Assistance I-LLC)	5.55	8/1/31	21,900,000	22,933,242
California Pollution Control Financing Authority, PCR	7.46	6/1/14	11,000,000 ^{a,b}	12,410,860
California Pollution Control Financing Authority, PCR (Insured; MBIA)	7.46	6/1/14	48,330,000 ^{a,b}	54,528,806
California Pollution Control Financing Authority, SWDR (Browning Ferris Industries)	5.80	12/1/16	2,000,000	1,972,840
California Pollution Control Financing Authority, SWDR (Browning Ferris Industries)	6.75	9/1/19	600,000	604,020
California Pollution Control Financing Authority, SWDR (Keller Canyon Landfill Co. Project)	6.88	11/1/27	1,000,000	1,004,350
California Public Works Board, LR (Department of Corrections, Calipatria State Prison, Imperial County) (Insured; MBIA)	6.50	9/1/17	13,000,000	15,172,950
California Public Works Board, LR (Department of Health Services, Richmond Laboratory Project) (Insured; AMBAC)	5.00	11/1/21	10,910,000	11,439,899
California Public Works Board, LR (University of California Research Projects) (Insured; MBIA)	5.25	11/1/28	10,005,000	10,650,523
California Public Works Board, LR (Various University of California Projects)	5.50	6/1/14	5,000,000	5,422,950
California State University, Fresno Association Inc., Auxiliary Organization Event Center Revenue	6.00	7/1/12	3,500,000 ^c	3,935,330

STATEMENT OF INVESTMENTS (continued)

Long-Term Municipal Investments (continued)	Coupon Rate (%)	Maturity Date	Principal Amount (\$)	Value (\$)
California (continued)				
California State University, Fresno Association Inc., Auxiliary Organization Event Center Revenue	6.00	7/1/12	2,500,000 ^c	2,810,950
California State University, Fresno Association Inc., Auxiliary Organization Event Center Revenue	6.00	7/1/12	5,250,000 ^c	5,902,995
California Statewide Communities Development Authority, COP (Catholic Healthcare West)	6.50	7/1/10	2,780,000 ^c	3,094,640
California Statewide Communities Development Authority, COP (Catholic Healthcare West)	6.50	7/1/20	1,220,000	1,329,251
California Statewide Communities Development Authority, COP (The Internext Group)	5.38	4/1/30	20,000,000	20,015,200
California Statewide Communities Development Authority, Health Facility Revenue (Adventist Health System/West)	5.00	3/1/35	11,880,000	11,948,548
California Statewide Communities Development Authority, Revenue (Daughters of Charity Health System)	5.25	7/1/24	8,205,000	8,425,222
California Statewide Communities Development Authority, Revenue (Daughters of Charity Health System)	5.25	7/1/35	18,625,000	19,015,380
California Statewide Communities Development Authority, Revenue (Kaiser Permanente)	5.50	11/1/32	13,500,000	13,979,115
California Statewide Communities Development Authority, Revenue (Kaiser Permanente)	5.25	3/1/45	15,000,000 ^d	15,407,850
California Statewide Communities Development Authority, Revenue (Sutter Health)	5.50	8/15/28	14,000,000	14,610,260
California Statewide Communities Development Authority, Revenue (The California Endowment)	5.00	7/1/28	15,360,000	15,844,301

Long-Term Municipal Investments (continued)	Coupon Rate (%)	Maturity Date	Principal Amount (\$)	Value (\$)
California (continued)				
California Statewide Communities Development Authority, Revenue (The California Endowment)	5.00	7/1/33	16,710,000	17,206,287
Capistrano Unified School District, Community Facilities District Special Tax Number 98 (Ladera)	5.75	9/1/09	5,500,000 ^c	5,944,510
Capistrano Unified School District, School Facilities Improvement District Number 1 (Insured; FGIC)	6.00	8/1/24	2,075,000	2,260,961
Castaic Lake Water Agency, COP, Revenue (Water System Improvement Project) (Insured; AMBAC)	0.00	8/1/27	10,000,000	3,552,300
Central California Joint Powers Health Financing Authority, COP (Community Hospitals of Central California Obligated Group)	6.00	2/1/30	5,000,000	5,189,050
Central California Joint Powers Health Financing Authority, COP (Community Hospitals of Central California Obligated Group)	5.75	2/1/31	18,500,000	19,033,540
Chino Valley Unified School District, GO (Insured; MBIA)	5.25	8/1/30	10,000,000	10,646,500
Chula Vista, IDR (San Diego Gas and Electric Co.)	5.00	12/1/27	3,000,000	3,030,360
Contra Costa County Public Finance Authority, Tax Allocation Revenue (Pleasant Hill)	5.45	8/1/28	2,780,000	2,845,664
Cucamonga County Water District, COP (Insured; FGIC)	5.25	9/1/25	5,555,000	5,873,690
Del Mar Race Track Authority, Revenue	6.20	8/15/06	2,000,000 ^c	2,050,100
Delano, COP (Delano Regional Medical Center)	5.25	1/1/18	13,500,000	13,298,175
Elsinore Valley Municipal Water District, COP (Insured; FGIC)	5.38	7/1/18	2,000,000	2,207,840

STATEMENT OF INVESTMENTS (continued)

Long-Term Municipal Investments (continued)	Coupon Rate (%)	Maturity Date	Principal Amount (\$)	Value (\$)
California (continued)				
Elsinore Valley Municipal Water District, COP (Insured; FGIC)	5.38	7/1/19	3,855,000	4,268,256
Escondido Reassessment District Number 98-1 (Rancho San Pasqual)	5.70	9/2/26	1,335,000	1,376,265
Fontana, Special Tax (Insured; MBIA)	5.25	9/1/17	10,000,000	10,490,400
Fontana Public Financing Authority, Tax Allocation Revenue (North Fontana Redevelopment Project) (Insured; AMBAC)	5.00	10/1/21	5,000,000	5,233,150
Fontana Public Financing Authority, Tax Allocation Revenue (North Fontana Redevelopment Project) (Insured; AMBAC)	5.50	9/1/32	13,800,000	14,795,256
Foothill/Eastern Transportation Corridor Agency, Toll Road Revenue	5.75	1/15/40	500,000	518,200
Fremont Union High School District (Insured; FGIC)	5.25	9/1/10	3,400,000 ¢	3,609,134
Fremont Union High School District (Insured; FGIC)	5.25	9/1/10	4,000,000 ¢	4,246,040
Fremont Union High School District (Insured; FGIC)	5.25	9/1/10	11,295,000 ¢	11,989,755
Fullerton Community Facilities District Number 1, Special Tax (Amerige Heights)	6.10	9/1/22	1,000,000	1,059,820
Fullerton Community Facilities District Number 1, Special Tax (Amerige Heights)	6.20	9/1/32	2,500,000	2,646,600
Golden State Tobacco Securitization Corp., Enhanced Tobacco Settlement Asset-Backed Bonds	5.50	6/1/13	5,000,000 ¢	5,498,150
Golden State Tobacco Securitization Corp., Tobacco Settlement Asset-Backed Bonds	6.75	6/1/39	14,770,000	16,525,710
High Desert Memorial Health Care District, Revenue	5.40	10/1/11	2,500,000	2,536,525

Long-Term Municipal Investments (continued)	Coupon Rate (%)	Maturity Date	Principal Amount (\$)	Value (\$)
California (continued)				
Kaweah Delta Health Care District, Revenue	6.00	8/1/34	9,000,000	9,655,740
La Quinta Financing Authority, Local Agency Revenue (Insured; AMBAC)	5.00	9/1/29	12,400,000	12,766,544
Long Beach Special Tax Community Facilities District Number 5 (Towne Center)	6.88	10/1/25	500,000	514,140
Los Angeles Harbor Department, Revenue	6.00	8/1/12	8,900,000	9,019,527
Los Angeles Unified School District (Insured; MBIA)	5.75	7/1/17	10,135,000	11,553,900
Madera County, COP (Valley Children's Hospital) (Insured; MBIA)	6.50	3/15/09	3,370,000	3,621,065
Metropolitan Water District of Southern California, Waterworks, GO	5.00	3/1/17	5,500,000	5,841,000
Metropolitan Water District of Southern California, Waterworks, GO	5.00	3/1/18	5,510,000	5,831,729
Murrieta Unified School District (Insured; FGIC)	0.00	9/1/21	4,950,000	2,397,780
Natomas Unified School District (Insured; MBIA)	5.95	9/1/21	2,500,000	2,892,775
New Haven Unified School District (Insured; FSA)	5.75	8/1/19	2,000,000	2,204,980
Northern California Power Agency, Revenue (Hydroelectric Project Number 1) (Insured; AMBAC)	7.00	1/1/16	670,000 ¢	819,986
Northern California Power Agency, Revenue (Hydroelectric Project Number 1) (Insured; AMBAC)	7.50	7/1/21	375,000 ¢	495,495
Northern California Power Agency, Revenue (Hydroelectric Project Number 1) (Insured; MBIA)	6.30	7/1/18	26,400,000	31,358,976
Oakland Unified School District (Insured; FGIC)	5.25	8/1/24	17,275,000	18,337,240

STATEMENT OF INVESTMENTS (continued)

Long-Term Municipal Investments (continued)	Coupon Rate (%)	Maturity Date	Principal Amount (\$)	Value (\$)
California (continued)				
Orange County Community Facilities District (Lander Ranch) Special Tax Number 1	6.25	8/15/08	1,600,000 ^c	1,688,848
Orange County Community Facilities District (Lander Ranch) Special Tax Number 1	6.00	8/15/10	3,000,000 ^c	3,294,450
Orange County Community Facilities District (Lander Ranch) Special Tax Number 3	5.60	8/15/28	3,250,000	3,413,215
Orange County Community Facilities District (Lander Ranch) Special Tax Number 3	5.63	8/15/34	6,000,000	6,318,600
Orange County Public Financing Authority, LR (Juvenile Justice Center Facility) (Insured; AMBAC)	5.38	6/1/19	6,150,000	6,654,853
Pomona, COP (General Fund Lease Financing) (Insured; AMBAC)	5.50	6/1/28	1,000,000	1,092,240
Pomona Redevelopment Agency, Tax Allocation (West Holt Avenue)	5.50	5/1/32	3,000,000	3,111,930
Rancho Cucamonga Redevelopment Agency (Tax Allocation Rancho Development) (Insured; MBIA)	5.38	9/1/25	7,485,000	7,951,839
Rancho Mirage Joint Powers Financing Authority, Revenue (Eisenhower Medical Center)	5.63	7/1/29	10,430,000	11,057,782
Redwood Empire Financing Authority, COP	6.40	12/1/23	2,750,000	2,770,487
Riverside County, SFMR (Collateralized; GNMA)	7.80	5/1/21	1,250,000	1,675,812
Sacramento City Financing Authority, Revenue (Insured; AMBAC)	6.70	12/1/13	4,670,000 ^{a,b}	5,058,941
Sacramento City Financing Authority, Revenue (Insured; AMBAC)	6.70	12/1/14	5,140,000 ^{a,b}	5,568,085
Sacramento County, Airport System Revenue (Insured; MBIA)	6.00	7/1/06	5,850,000 ^c	5,976,301

Long-Term Municipal Investments (continued)	Coupon Rate (%)	Maturity Date	Principal Amount (\$)	Value (\$)
California (continued)				
Sacramento County, Laguna Creek Ranch/Elliott Ranch Community Facilities District Number 1, Improvement Area Number 1, Special Tax (Laguna Creek Ranch)	5.70	12/1/20	2,970,000	3,004,749
Sacramento County Housing Authority, MFHR (Cottage Estate Apartments) (Collateralized; FNMA)	6.00	2/1/33	1,000,000	1,045,150
Sacramento Municipal Utility District, Electric Revenue (Insured; MBIA)	6.50	9/1/13	6,930,000	7,804,705
Sacramento Municipal Utility District, Electric Revenue (Insured; MBIA)	5.20	7/1/17	300,000	310,425
San Bernardino County, COP (Capital Facilities Project)	6.88	8/1/24	5,000,000	6,392,200
San Diego County, COP (Burnham Institute for Medical Research)	6.25	9/1/09	3,800,000 ^c	4,123,722
San Diego County, COP (Burnham Institute for Medical Research)	5.00	9/1/24	2,265,000	2,284,819
San Diego County, COP (Burnham Institute for Medical Research)	5.00	9/1/34	5,190,000	5,184,135
San Diego Unified School District (Insured; FGIC)	0.00	7/1/17	2,325,000	1,407,509
San Francisco City and County, COP (San Bruno Jail Number 3) (Insured; AMBAC)	5.25	10/1/21	2,985,000	3,127,056
San Francisco City and County Public Utilities Commission, San Francisco Water Revenue (Insured; FSA)	5.00	11/1/18	5,855,000	6,219,298
San Francisco City and County Public Utilities Commission, San Francisco Water Revenue (Insured; FSA)	5.00	11/1/24	10,000,000	10,465,300

STATEMENT OF INVESTMENTS (continued)

Long-Term Municipal Investments (continued)	Coupon Rate (%)	Maturity Date	Principal Amount (\$)	Value (\$)
California (continued)				
San Joaquin Hills Transportation Corridor Agency, Toll Road Revenue (Insured; MBIA)	0.00	1/15/32	48,295,000	13,694,047
San Jose Redevelopment Agency, Tax Allocation (Merged Area Redevelopment Project)	5.25	8/1/29	1,000,000	1,020,910
South Placer Authority, Wastewater Revenue (Insured; FGIC)	5.25	11/1/10	1,000,000 c	1,073,720
Southeast Resource Recovery Facility Authority, LR (Insured; AMBAC)	5.25	12/1/16	11,715,000	12,603,934
Southeast Resource Recovery Facility Authority, LR (Insured; AMBAC)	5.25	12/1/17	6,475,000	6,902,544
Southeast Resource Recovery Facility Authority, LR (Insured; AMBAC)	5.25	12/1/18	8,085,000	8,612,951
Stockton, Health Facilities Revenue (Dameron Hospital Association)	5.70	12/1/14	1,000,000	1,035,770
Tobacco Securitization Authority Northern California, Tobacco Settlement Asset-Backed Bonds (Sacramento County Tobacco Securitization Corp.)	5.38	6/1/38	20,000,000	20,141,800
Torrance Redevelopment Agency, Tax Allocation Revenue	5.63	9/1/28	500,000	509,585
University of California, General Revenue (Insured; MBIA)	5.00	5/15/23	9,165,000	9,552,405
University of California, Multi Purpose Revenue (Insured; MBIA)	5.25	9/1/27	31,475,000	32,606,212
University of California, Revenue (Limited Project) (Insured; FSA)	5.00	5/15/22	14,655,000	15,304,510
Ventura County Community College District (Insured; MBIA)	5.50	8/1/23	4,250,000	4,609,933

Long-Term Municipal Investments (continued)	Coupon Rate (%)	Maturity Date	Principal Amount (\$)	Value (\$)
California (continued)				
West Covina Redevelopment Agency, Community Facilities District Special Tax (Fashion Plaza)	6.00	9/1/17	6,000,000	6,647,280
West Covina Redevelopment Agency, Community Facilities District Special Tax (Fashion Plaza)	6.00	9/1/22	11,325,000	12,810,953
Whittier Health Facility, Revenue (Presbyterian Intercommunity Hospital)	5.75	6/1/31	10,090,000	10,614,781
U.S. Related—6.7%				
Puerto Rico Highway and Transportation Authority, Highway Revenue (Insured; MBIA)	5.50	7/1/13	4,750,000	5,152,325
Puerto Rico Highway and Transportation Authority, Transportation Revenue	6.00	7/1/10	2,000,000 ^c	2,186,420
Puerto Rico Highway and Transportation Authority, Transportation Revenue (Insured; MBIA)	6.37	7/1/38	2,000,000 ^{a,b}	2,030,650
Puerto Rico Infrastructure Financing Authority, Special Obligation	5.50	10/1/32	10,000,000	10,668,800
Puerto Rico Infrastructure Financing Authority, Special Tax Revenue	5.50	10/1/40	40,000,000	42,658,800
Puerto Rico Infrastructure Financing Authority, Special Tax Revenue (Insured; AMBAC)	6.23	7/1/15	2,000,000 ^{a,b}	2,061,710
Puerto Rico Public Buildings Authority, Government Facilities Revenue	5.25	7/1/15	11,600,000	12,625,672
Virgin Islands Public Finance Authority, Revenue	7.30	10/1/18	3,100,000	3,814,147
Virgin Islands Public Finance Authority, Revenue, Virgin Islands Matching Fund Loan Notes	6.00	10/1/22	2,000,000	2,087,920
Total Long-Term Municipal Investments (cost \$1,226,240,347)				1,278,956,722

STATEMENT OF INVESTMENTS (continued)

Short-Term Municipal Investment—.6%	Coupon Rate (%)	Maturity Date	Principal Amount (\$)	Value (\$)
California;				
California Department of Water Resources, Power Supply Revenue (LOC; BNP Paribas) (cost \$7,500,000)	3.56	6/1/06	7,500,000 ^e	7,500,000
Total Investments (cost \$1,233,740,347)			103.2%	1,286,456,722
Liabilities, Less Cash and Receivables			(3.2%)	(40,159,117)
Net Assets			100.0%	1,246,297,605

- ^a Collateral for floating rate borrowings.
- ^b Securities exempt from registration under Rule 144A of the Securities Act of 1933. These securities may be resold in transactions exempt from registration, normally to qualified institutional buyers. At May 31, 2006, these securities amounted to \$92,526,852 or 7.42% of net assets.
- ^c These securities are prerefunded; the date shown represents the prerefunded date. Bonds which are prerefunded are collateralized by U.S. Government securities which are held in escrow and are used to pay principal and interest on the municipal issue and to retire the bonds in full at the earliest refunding date.
- ^d Purchased on a delayed delivery basis.
- ^e Securities payable on demand. Variable interest rate—subject to periodic change.

Summary of Abbreviations

ACA	American Capital Access	AGC	ACE Guaranty Corporation
AGIC	Asset Guaranty Insurance Company	AMBAC	American Municipal Bond Assurance Corporation
ARRN	Adjustable Rate Receipt Notes	BAN	Bond Anticipation Notes
BIGI	Bond Investors Guaranty Insurance	BPA	Bond Purchase Agreement
CGIC	Capital Guaranty Insurance Company	CIC	Continental Insurance Company
CIFG	CDC Ixis Financial Guaranty	CMAC	Capital Market Assurance Corporation
COP	Certificate of Participation	CP	Commercial Paper
EDR	Economic Development Revenue	EIR	Environmental Improvement Revenue
FGIC	Financial Guaranty Insurance Company	FHA	Federal Housing Administration
FHLB	Federal Home Loan Bank	FHLMC	Federal Home Loan Mortgage Corporation
FNMA	Federal National Mortgage Association	FSA	Financial Security Assurance
GAN	Grant Anticipation Notes	GIC	Guaranteed Investment Contract
GNMA	Government National Mortgage Association	GO	General Obligation
HR	Hospital Revenue	IDB	Industrial Development Board
IDC	Industrial Development Corporation	IDR	Industrial Development Revenue
LOC	Letter of Credit	LOR	Limited Obligation Revenue
LR	Lease Revenue	MBIA	Municipal Bond Investors Assurance Insurance Corporation
MFHR	Multi-Family Housing Revenue	MFMR	Multi-Family Mortgage Revenue
PCR	Pollution Control Revenue	RAC	Revenue Anticipation Certificates
RAN	Revenue Anticipation Notes	RAW	Revenue Anticipation Warrants
RRR	Resources Recovery Revenue	SAAN	State Aid Anticipation Notes
SBPA	Standby Bond Purchase Agreement	SFHR	Single Family Housing Revenue
SFMR	Single Family Mortgage Revenue	SONYMA	State of New York Mortgage Agency
SWDR	Solid Waste Disposal Revenue	TAN	Tax Anticipation Notes
TAW	Tax Anticipation Warrants	TRAN	Tax and Revenue Anticipation Notes
XLCA	XL Capital Assurance		

Summary of Combined Ratings (Unaudited)					
Fitch	or	Moody's	or	Standard & Poor's	Value (%) [†]
AAA		Aaa		AAA	49.7
AA		Aa		AA	15.0
A		A		A	20.2
BBB		Baa		BBB	11.2
BB		Ba		BB	.4
F1		MIG1/P1		SP1/A1	.6
Not Rated ^f		Not Rated ^f		Not Rated ^f	2.9
					100.0

[†] Based on total investments.

[‡] Securities which, while not rated by Fitch, Moody's and Standard & Poor's, have been determined by the Manager to be of comparable quality to those rated securities in which the fund may invest.

See notes to financial statements.

STATEMENT OF ASSETS AND LIABILITIES

May 31, 2006

	Cost	Value
Assets (\$):		
Investments in securities—See Statement of Investments	1,233,740,347	1,286,456,722
Interest receivable		20,090,601
Receivable for shares of Common Stock subscribed		153,545
Prepaid expenses		34,212
		1,306,735,080
Liabilities (\$):		
Due to The Dreyfus Corporation and affiliates—Note 3(c)		689,755
Payable for floating rate notes issued		41,570,000
Payable for investment securities purchased		15,412,950
Cash overdraft due to Custodian		1,045,038
Payable for shares of Common Stock redeemed		876,635
Interest and related expenses payable		718,380
Accrued expenses		124,717
		60,437,475
Net Assets (\$)		1,246,297,605
Composition of Net Assets (\$):		
Paid-in capital		1,203,956,763
Accumulated net realized gain (loss) on investments		(10,375,533)
Accumulated net unrealized appreciation (depreciation) on investments		52,716,375
Net Assets (\$)		1,246,297,605

Net Asset Value Per Share				
	Class A	Class B	Class C	Class Z
Net Assets (\$)	81,578,821	6,626,172	3,054,299	1,155,038,313
Shares Outstanding	5,581,152	453,326	208,919	79,034,816
Net Asset Value Per Share (\$)	14.62	14.62	14.62	14.61

See notes to financial statements.

STATEMENT OF OPERATIONS

Year Ended May 31, 2006

Investment Income (\$):

Interest Income	63,665,998
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Expenses:

Management fee–Note 3(a)	7,779,457
Interest and related expenses	1,332,619
Shareholder servicing costs–Note 3(c)	1,314,710
Custodian fees	88,238
Professional fees	74,965
Directors' fees and expenses–Note 3(c)	69,398
Registration fees	69,166
Distribution fees–Note 3(b)	60,739
Prospectus and shareholders' reports	20,547
Loan commitment fees–Note 2	2,389
Miscellaneous	60,498

Total Expenses	10,872,726
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Less–reduction in expenses due to undertaking–Note 3(a)	(29,620)
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Less–reduction in custody fees due to earnings credits–Note 1(b)	(24,329)
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Net Expenses	10,818,777
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Investment Income–Net	52,847,221
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Realized and Unrealized Gain (Loss) on Investments–Note 4 (\$):

Net realized gain (loss) on investments	5,148,435
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Net unrealized appreciation (depreciation) on investments	(37,661,072)
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Net Realized and Unrealized Gain (Loss) on Investments	(32,512,637)
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Net Increase In Net Assets Resulting from Operations	20,334,584
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See notes to financial statements.

STATEMENT OF CHANGES IN NET ASSETS

	Year Ended May 31,	
	2006	2005 ^a
Operations (\$):		
Investment income—net	52,847,221	47,183,272
Net realized gain (loss) on investments	5,148,435	5,425,934
Net unrealized appreciation (depreciation) on investments	(37,661,072)	44,387,228
Net Increase (Decrease) in Net Assets Resulting from Operations	20,334,584	96,996,434
Dividends to Shareholders from (\$):		
Investment income—net:		
Class A shares	(3,311,668)	(2,009,238)
Class B shares	(268,502)	(201,274)
Class C shares	(87,936)	(59,186)
Class Z shares	(49,135,562)	(45,060,543)
Net realized gain on investments:		
Class A shares	(83,762)	(526,333)
Class B shares	(7,538)	(63,364)
Class C shares	(2,716)	(20,828)
Class Z shares	(1,192,823)	(7,226,618)
Total Dividends	(54,090,507)	(55,167,384)
Capital Stock Transactions (\$):		
Net proceeds from shares sold:		
Class A shares	6,568,651	4,073,951
Class B shares	351,072	411,375
Class C shares	1,052,655	947,904
Class Z shares	41,757,321	77,690,992
Net assets received in connection with reorganization—Note 1	—	352,241,502

STATEMENT OF CHANGES IN NET ASSETS (continued)

	Year Ended May 31,	
	2006	2005 ^a
Capital Stock Transactions (\$) (continued):		
Dividends reinvested:		
Class A shares	2,223,662	1,609,900
Class B shares	192,856	188,321
Class C shares	58,074	54,596
Class Z shares	34,073,188	35,584,032
Cost of shares redeemed:		
Class A shares	(12,964,954)	(8,457,781)
Class B shares	(3,245,768)	(2,152,575)
Class C shares	(848,560)	(1,566,296)
Class Z shares	(127,164,572)	(168,708,354)
Increase (Decrease) in Net Assets from Capital Stock Transactions	(57,946,375)	291,917,567
Total Increase (Decrease) in Net Assets	(91,702,298)	333,746,617
Net Assets (\$):		
Beginning of Period	1,337,999,903	1,004,253,286
End of Period	1,246,297,605	1,337,999,903

	Year Ended May 31,	
	2006	2005 ^a
Capital Share Transactions:		
Class A^b		
Shares sold	444,418	272,224
Shares issued in connection with reorganization—Note 1	—	6,053,943
Shares issued for dividends reinvested	150,247	108,488
Shares redeemed	(877,760)	(570,408)
Net Increase (Decrease) in Shares Outstanding	(283,095)	5,864,247
Class B^b		
Shares sold	23,819	27,558
Shares issued in connection with reorganization—Note 1	—	740,391
Shares issued for dividends reinvested	13,022	12,694
Shares redeemed	(219,069)	(145,089)
Net Increase (Decrease) in Shares Outstanding	(182,228)	635,554
Class C		
Shares sold	71,071	63,829
Shares issued in connection with reorganization—Note 1	—	229,827
Shares issued for dividends reinvested	3,926	3,679
Shares redeemed	(57,154)	(106,259)
Net Increase (Decrease) in Shares Outstanding	17,843	191,076
Class Z		
Shares sold	2,821,639	5,244,078
Shares issued in connection with reorganization—Note 1	—	16,492,966
Shares issued for dividends reinvested	2,303,054	2,405,394
Shares redeemed	(8,602,582)	(11,416,084)
Net Increase (Decrease) in Shares Outstanding	(3,477,889)	12,726,354

^a The fund commenced offering four classes of shares on October 21, 2004. The existing shares were redesignated Class Z shares and the fund added Class A, Class B and Class C shares.

^b During the period ended May 31, 2006, 99,222 Class B shares representing \$1,469,616 were automatically converted to 99,222 Class A shares and during the period ended May 31, 2005, 25,517 Class B shares representing \$377,455 were automatically converted to 25,517 Class A shares.

See notes to financial statements.

FINANCIAL HIGHLIGHTS

The following tables describe the performance for each share class for the fiscal periods indicated. All information (except portfolio turnover rate) reflects financial results for a single fund share. Total return shows how much your investment in the fund would have increased (or decreased) during each period, assuming you had reinvested all dividends and distributions. These figures have been derived from the fund's financial statements.

Class A Shares	Year Ended May 31,	
	2006	2005 ^a
Per Share Data (\$):		
Net asset value, beginning of period	15.00	14.97
Investment Operations:		
Investment income—net ^b	.58	.34
Net realized and unrealized gain (loss) on investments	(.37)	.12
Total from Investment Operations	.21	.46
Distributions:		
Dividends from investment income—net	(.58)	(.34)
Dividends from net realized gain on investments	(.01)	(.09)
Total Distributions	(.59)	(.43)
Net asset value, end of period	14.62	15.00
Total Return (%)^c	1.44	3.12
Ratios/Supplemental Data (%):		
Ratio of total expenses to average net assets ^d	1.04	1.03 ^e
Ratio of net expenses to average net assets ^d	1.01	1.02 ^e
Ratio of net investment income to average net assets	3.90	3.77 ^e
Portfolio Turnover Rate	35.92	38.73
Net Assets, end of period (\$ x 1,000)	81,579	87,976

^a From October 21, 2004 (commencement of initial offering) to May 31, 2005.

^b Based on average shares outstanding at each month end.

^c Exclusive of sales charge.

^d Ratio of total expenses to average net assets and ratio of net expenses to average net assets for all periods have been restated. This restatement has no impact on the fund's previously reported net assets, net investment income, net asset value or total return. See Note 6.

^e Annualized.

See notes to financial statements.

Class B Shares	Year Ended May 31,	
	2006	2005 ^a
Per Share Data (\$):		
Net asset value, beginning of period	15.00	14.97
Investment Operations:		
Investment income—net ^b	.50	.30
Net realized and unrealized gain (loss) on investments	(.37)	.12
Total from Investment Operations	.13	.42
Distributions:		
Dividends from investment income—net	(.50)	(.30)
Dividends from net realized gain on investments	(.01)	(.09)
Total Distributions	(.51)	(.39)
Net asset value, end of period	14.62	15.00
Total Return (%)^c	.93	2.82
Ratios/Supplemental Data (%):		
Ratio of total expenses to average net assets ^d	1.56	1.54 ^e
Ratio of net expenses to average net assets ^d	1.51	1.51 ^e
Ratio of net investment income to average net assets	3.39	3.29 ^e
Portfolio Turnover Rate	35.92	38.73
Net Assets, end of period (\$ x 1,000)	6,626	9,534

^a From October 21, 2004 (commencement of initial offering) to May 31, 2005.

^b Based on average shares outstanding at each month end.

^c Exclusive of sales charge.

^d Ratio of total expenses to average net assets and ratio of net expenses to average net assets for all periods have been restated. This restatement has no impact on the fund's previously reported net assets, net investment income, net asset value or total return. See Note 6.

^e Annualized.

See notes to financial statements.

Class C Shares	Year Ended May 31,	
	2006	2005 ^a
Per Share Data (\$):		
Net asset value, beginning of period	15.00	14.97
Investment Operations:		
Investment income—net ^b	.46	.27
Net realized and unrealized gain (loss) on investments	(.37)	.12
Total from Investment Operations	.09	.39
Distributions:		
Dividends from investment income—net	(.46)	(.27)
Dividends from net realized gain on investments	(.01)	(.09)
Total Distributions	(.47)	(.36)
Net asset value, end of period	14.62	15.00
Total Return (%)^c	.67	2.67
Ratios/Supplemental Data (%):		
Ratio of total expenses to average net assets ^d	1.80	1.77 ^e
Ratio of net expenses to average net assets ^d	1.87	1.76 ^e
Ratio of net investment income to average net assets	3.13	3.01 ^e
Portfolio Turnover Rate	35.92	38.73
Net Assets, end of period (\$ x 1,000)	3,054	2,867

^a From October 21, 2004 (commencement of initial offering) to May 31, 2005.

^b Based on average shares outstanding at each month end.

^c Exclusive of sales charge.

^d Ratio of total expenses to average net assets and ratio of net expenses to average net assets for all periods have been restated. This restatement has no impact on the fund's previously reported net assets, net investment income, net asset value or total return. See Note 6.

^e Annualized.

See notes to financial statements.

Class Z Shares	Year Ended May 31,				
	2006	2005	2004	2003	2002
Per Share Data (\$):					
Net asset value, beginning of period	15.00	14.39	15.28	14.60	14.56
Investment Operations:					
Investment income–net ^a	.61	.58	.58	.63	.67
Net realized and unrealized gain (loss) on investments	(.38)	.71	(.76)	.83	.29
Total from Investment Operations	.23	1.29	(.18)	1.46	.96
Distributions:					
Dividends from investment income–net	(.61)	(.59)	(.57)	(.63)	(.67)
Dividends from net realized gain on investments	(.01)	(.09)	(.14)	(.15)	(.25)
Total Distributions	(.62)	(.68)	(.71)	(.78)	(.92)
Net asset value, end of period	14.61	15.00	14.39	15.28	14.60
Total Return (%)	1.57	9.10	(1.16)	10.30	6.69
Ratios/Supplemental Data (%):					
Ratio of total expenses to average net assets ^b	.81	.78	.73	.75	.78
Ratio of net expenses to average net assets ^b	.81	.78	.73	.75	.78
Ratio of net investment income to average net assets	4.10	3.96	3.93	4.27	4.54
Portfolio Turnover Rate	35.92	38.73	56.87	47.21	51.69
Net Assets, end of period (\$ x 1,000)	1,155,038	1,237,623	1,004,253	1,140,398	1,099,751

^a Based on average shares outstanding at each month end.

^b Ratio of total expenses to average net assets and ratio of net expenses to average net assets for all periods have been restated. This restatement has no impact on the fund's previously reported net assets, net investment income, net asset value or total return. See Note 6.

See notes to financial statements.

NOTE 1—Significant Accounting Policies:

Dreyfus Premier California Tax Exempt Bond Fund, Inc. (the “fund”) is registered under the Investment Company Act of 1940, as amended (the “Act”), as a non-diversified open-end management investment company. The fund’s investment objective is to provide investors with a high level of current income exempt from federal and California state income taxes, as is consistent with the preservation of capital. The Dreyfus Corporation (the “Manager” or “Dreyfus”) serves as the fund’s investment adviser. The Manager is a wholly-owned subsidiary of Mellon Financial Corporation (“Mellon Financial”).

As of the close of business on February 24, 2005, pursuant to an Agreement and Plan of Reorganization previously approved by the fund’s Board of Directors, all of the assets, subject to the liabilities, of Dreyfus California Municipal Income, Inc. (“California Municipal Income”) were transferred to the fund in exchange for shares of Common Stock of the fund of equal value. Shareholders of California Municipal Income received Class Z shares of the fund, in an amount equal to the aggregate net asset value of their investment in California Municipal Income at the time of the exchange. The fund’s net asset value on the close of business on February 24, 2005 was \$14.89 per share for Class Z shares, and a total of 2,769,887 Class Z shares representing net assets of \$41,243,622 (including \$2,753,782 accumulated net realized loss in investments and \$1,967,026 net unrealized appreciation on investments) were issued to the shareholders of California Municipal Income in the exchange. The exchange was a tax-free event to California Municipal Income shareholders.

As of the close of business on October 26, 2004, pursuant to an Agreement and Plan of Reorganization previously approved by the fund’s Board of Directors, all of the assets, subject to the liabilities, of General California Municipal Bond Fund (“General California”) were transferred to the fund in exchange for shares of Common Stock of the fund of equal value. Shareholders of General California received Class Z shares of the fund, in an amount equal to the aggregate net

asset value of their investment in General California at the time of the exchange. The fund's net asset value on the close of business on October 26, 2004 was \$15.00 per share for Class Z shares, and a total of 13,723,079 Class Z shares representing net assets of \$205,846,182 (including \$9,031,565 accumulated net realized loss on investments and \$18,179,239 net unrealized appreciation on investments) were issued to the shareholders of General California in the exchange. The exchange was a tax-free event to General California shareholders.

As of the close of business on October 21, 2004, pursuant to an Agreement and Plan of Reorganization previously approved by the fund's Board of Directors, all of the assets, subject to the liabilities, of Dreyfus Premier California Municipal Bond Fund ("Premier California") were transferred to the fund in exchange for the corresponding class of shares of Common Stock of the fund, in equal value, on the close of business on October 21, 2004. Holders of Class A, Class B, and Class C shares of Premier California received Class A, Class B and Class C shares of the fund, respectively, in each case in an amount equal to the aggregate net asset value of their investment in Premier California at the time of the exchange. The net asset value of the fund's shares on the close of business October 21, 2004, after the reorganization, was \$14.97 per share for each of Class A, Class B, and Class C shares, and a total of 6,053,943 Class A shares, 740,391 Class B shares and 229,827 Class C shares, representing net assets of \$105,151,698 (including \$4,814,089 accumulated net realized loss on investments and \$9,508,057 net unrealized appreciation on investments) were issued to Premier California's shareholders in the exchange. The exchange was a tax-free event to Premier California shareholders.

Dreyfus Service Corporation (the "Distributor"), a wholly-owned subsidiary of the Manager, is the distributor of the fund's shares. The fund is authorized to issue 500 million shares of \$.001 par value Common Stock. The fund currently offers four classes of shares: Class A (100 million shares authorized), Class B (100 million shares authorized), Class C (100 million shares authorized) and Class Z (200 million shares autho-

rized). Class A shares are subject to a sales charge imposed at the time of purchase. Class B shares are subject to a contingent deferred sales charge ("CDSC") imposed on Class B share redemptions made within six years of purchase and automatically convert to Class A shares after six years. Class C shares are subject to a CDSC imposed on Class C shares redeemed within one year of purchase. Class Z shares are sold at net asset value per share generally only to shareholders who received Class Z shares in exchange for their shares of General California and California Municipal Income, as a result of the reorganization of such funds. Class Z shares generally are not available for new accounts. Other differences between the classes include the services offered to and the expenses borne by each class and certain voting rights. Income, expenses (other than expenses attributable to a specific class), and realized and unrealized gains or losses on investments are allocated to each class of shares based on its relative net assets.

Effective March 1, 2006, Class A shares of the fund may be purchased at net asset value ("NAV") without payment of a sales charge:

- By qualified investors who (i) purchase Class A shares directly through the Distributor, and (ii) have, or whose spouse or minor children have, beneficially owned shares and continuously maintained an open account directly through the Distributor in a Dreyfus-managed fund, including the fund, or a Founders Asset Management LLC ("Founders") managed fund since on or before February 28, 2006.
- With the cash proceeds from an investor's exercise of employment-related stock options, whether invested in the fund directly or indirectly through an exchange from a Dreyfus-managed money market fund, provided that the proceeds are processed through an entity that has entered into an agreement with the Distributor specifically relating to processing stock options. Upon establishing the account in the fund or the Dreyfus-managed money market fund, the investor and the investor's spouse and minor children become eligible to purchase Class A shares of the fund at NAV, whether or not using the proceeds of the employment-related stock options.

- By members of qualified affinity groups who purchase Class A shares directly through the Distributor, provided that the qualified affinity group has entered into an affinity agreement with the Distributor.

The fund's financial statements are prepared in accordance with U.S. generally accepted accounting principles, which may require the use of management estimates and assumptions. Actual results could differ from those estimates.

The fund enters into contracts that contain a variety of indemnifications. The fund's maximum exposure under these arrangements is unknown. The fund does not anticipate recognizing any loss related to these arrangements.

(a) Portfolio valuation: Investments in securities are valued each business day by an independent pricing service (the "Service") approved by the Board of Directors. Investments for which quoted bid prices are readily available and are representative of the bid side of the market in the judgment of the Service are valued at the mean between the quoted bid prices (as obtained by the Service from dealers in such securities) and asked prices (as calculated by the Service based upon its evaluation of the market for such securities). Other investments (which constitute a majority of the portfolio securities) are carried at fair value as determined by the Service, based on methods which include consideration of: yields or prices of municipal securities of comparable quality, coupon, maturity and type; indications as to values from dealers; and general market conditions. Options and financial futures on municipal and U.S. Treasury securities are valued at the last sales price on the securities exchange on which such securities are primarily traded or at the last sales price on the national securities market on each business day.

(b) Securities transactions and investment income: Securities transactions are recorded on a trade date basis. Realized gain and loss from securities transactions are recorded on the identified cost basis. Interest income, adjusted for accretion of discount and amortization of premium on investments, is earned from settlement date and recognized on the

accrual basis. Securities purchased or sold on a when-issued or delayed-delivery basis may be settled a month or more after the trade date.

The fund has an arrangement with the custodian bank whereby the fund receives earnings credits from the custodian when positive cash balances are maintained, which are used to offset custody fees. For financial reporting purposes, the fund includes net earnings credits as an expense offset in the Statement of Operations.

The fund follows an investment policy of investing primarily in municipal obligations of one state. Economic changes affecting the state and certain of its public bodies and municipalities may affect the ability of issuers within the state to pay interest on, or repay principal of, municipal obligations held by the fund.

(c) Dividends to shareholders: It is the policy of the fund to declare dividends daily from investment income-net. Such dividends are paid monthly. Dividends from net realized capital gain, if any, are normally declared and paid annually, but the fund may make distributions on a more frequent basis to comply with the distribution requirements of the Internal Revenue Code of 1986, as amended (the "Code"). To the extent that net realized capital gain can be offset by capital loss carry-overs, if any, it is the policy of the fund not to distribute such gain. Income and capital gain distributions are determined in accordance with income tax regulations, which may differ from U.S. generally accepted accounting principles.

(d) Federal income taxes: It is the policy of the fund to continue to qualify as a regulated investment company, which can distribute tax exempt dividends, by complying with the applicable provisions of the Code, and to make distributions of income and net realized capital gain sufficient to relieve it from substantially all federal income and excise taxes.

At May 31, 2006, the components of accumulated earnings on a tax basis were as follows: undistributed tax exempt income \$276,078, undistributed ordinary income \$49,620, undistributed capital gains \$1,084,613 and unrealized appreciation \$52,283,594. As a result of the

fund's mergers with Dreyfus Premier California Municipal Bond Fund, General California and California Municipal Income, capital losses of \$11,076,983 are available to offset future gains. Based on certain provisions in the Code, the amount of losses which can be utilized in subsequent years is subject to an annual limitation. These acquired capital losses are expected to expire between fiscal 2008-2011.

The tax character of distributions paid to shareholders during the fiscal year ended May 31, 2006 and May 31, 2005, were as follows: tax exempt income \$52,803,668 and \$47,330,241, ordinary income \$1,286,839 and \$2,058,818 and long term capital gains \$0 and \$5,778,325, respectively.

During the period ended May 31, 2006, as a result of permanent book to tax differences, primarily due to the tax treatment for amortization adjustments, the fund decreased accumulated undistributed investment income-net by \$43,553, increased accumulated net realized gain (loss) on investments by \$264,824 and decreased paid-in capital by \$221,271. Net assets were not affected by this reclassification.

NOTE 2—Bank Line of Credit:

The fund participates with other Dreyfus-managed funds in a \$350 million redemption credit facility (the "Facility") to be utilized for temporary or emergency purposes, including the financing of redemptions. In connection therewith, the fund has agreed to pay commitment fees on its pro rata portion of the Facility. Interest is charged to the fund based on prevailing market rates in effect at the time of borrowing. During the period ended May 31, 2006, the fund did not borrow under the Facility.

NOTE 3—Management Fee and Other Transactions with Affiliates:

(a) Pursuant to a management agreement ("Agreement") with the Manager, the management fee is computed at the annual rate of .60% of the value of the fund's average daily net assets and is payable monthly.

The Agreement provides that if in any fiscal year the aggregate expenses allocable to Class Z, exclusive of taxes, brokerage fees, interest on borrowings, commitment fees and extraordinary expenses, exceed 1½% of the value of the average net assets of Class Z, the fund may deduct from the fees paid to the Manager, or the Manager will bear such excess expense. During the period ended May 31, 2006, there was no expense reimbursement pursuant to the Agreement. The Manager had contractually agreed to waive receipt of its fee and/or assume the expenses, from June 1, 2005 through September 30, 2005, so that the total annual operating expenses, excluding certain expenses as described above, do not exceed .96% for Class A, 1.45% for Class B and 1.71% for Class C. The Manager has contractually agreed, from October 1, 2005 through May 31, 2006, to waive receipt of its fee and/or assume the expenses, so that the total annual operating expenses, excluding certain expenses as described above, do not exceed .90% for Class A, 1.39% for Class B and 1.66% for Class C. The reduction in expenses, pursuant to the undertaking, amounted to \$29,620 during the period ended May 31, 2006.

During the period ended May 31, 2006, the Distributor retained \$12,079 and \$8,774 from commissions earned on sales of the fund's Class A and Class Z shares and \$10,168 and \$245 from CDSC on redemptions of the fund's Class B and Class C shares, respectively.

(b) Under the Distribution Plan (the "Plan") adopted pursuant to Rule 12b-1 under the Act, Class B and Class C shares pay the Distributor for distributing their shares at an annual rate of .50% of the value of the average daily net assets of Class B shares and .75% of the value of the average daily net assets of Class C shares. During the period ended May 31, 2006, Class B and Class C shares were charged \$39,671 and \$21,068, respectively, pursuant to the Plan.

(c) Under the Shareholder Services Plan, Class A, Class B and Class C shares pay the Distributor at an annual rate of .25% of the value of the average daily net assets of their shares, for the provision of certain services. The services provided may include personal services relating to

shareholder accounts, such as answering shareholder inquiries regarding the fund and providing reports and other information, and services related to the maintenance of shareholder accounts. The Distributor may make payments to Service Agents (a securities dealer, financial institution or other industry professional) in respect of these services. The Distributor determines the amounts to be paid to Service Agents. During the period ended May 31, 2006, Class A, Class B and Class C shares were charged \$212,602, \$19,836 and \$7,023, respectively, pursuant to the Shareholder Services Plan.

Under the Shareholder Services Plan, Class Z shares reimburse the Distributor an amount not to exceed an annual rate of .25% of the value of Class Z shares' average daily net assets for certain allocated expenses of providing personal services and/or maintaining shareholder accounts. The services provided may include personal services relating to shareholder accounts, such as answering shareholder inquiries regarding Class Z shares and providing reports and other information, and services related to the maintenance of shareholder accounts. During the period ended May 31, 2006, Class Z shares were charged \$571,602 pursuant to the Shareholder Services Plan.

The fund compensates Dreyfus Transfer, Inc., a wholly-owned subsidiary of the Manager, under a transfer agency agreement for providing personnel and facilities to perform transfer agency services for the fund. During the period ended May 31, 2006, the fund was charged \$327,224 pursuant to the transfer agency agreement.

During the period ended May 31, 2006, the fund was charged \$3,829 for services performed by the Chief Compliance Officer.

The components of Due to The Dreyfus Corporation and affiliates in the Statement of Assets and Liabilities consist of: management fees \$634,542, Rule 12b-1 distribution plan fees \$4,329, transfer agency per account fees \$51,694, chief compliance officer fees \$1,605, which

are offset against an expense reimbursement currently in effect in the amount of \$2,415.

(d) Each Board member also serves as a Board member of other funds within the Dreyfus complex. Annual retainer fees and attendance fees are allocated to each fund based on net assets.

NOTE 4—Securities Transactions:

The aggregate amount of purchases and sales of investment securities, excluding short-term securities, during the period ended May 31, 2006, amounted to \$456,338,970 and \$501,509,011, respectively.

At May 31, 2006, the cost of investments for federal income tax purposes was \$1,192,603,128; accordingly, accumulated net unrealized appreciation on investments was \$52,283,594, consisting of \$55,128,730 gross unrealized appreciation and \$2,845,136 gross unrealized depreciation.

NOTE 5—Subsequent Event:

Effective June 1, 2006, the fund will no longer offer Class B shares, except in connection with dividend reinvestment and permitted exchanges of Class B shares.

NOTE 6—Restatement

Subsequent to the issuance of the May 31, 2006 financial statements, the fund determined that the transfers of certain tax-exempt municipal bond securities by the fund to special purpose bond trusts in connection with participation in inverse floater structures do not qualify for sale treatment under Statement of Financial Accounting Standard No. 140, Accounting for Transfers and Servicing of Financial Assets and Extinguishment of Liabilities, and should have been accounted for as a secured borrowing.

The correction of the above item resulted in the restatement of the ratio of net expenses of the financial highlights table as shown below:

Ratio of Total Expenses	2006	2005	2004	2003	2002
Class A shares:					
As previously reported	.94%	.97%			
As restated	1.04%	1.03%			
Class B shares:					
As previously reported	1.46%	1.48%			
As restated	1.56%	1.54%			
Class C shares:					
As previously reported	1.70%	1.71%			
As restated	1.80%	1.77%			
Class Z shares:					
As previously reported	.71%	.72%	.70%	.70%	.71%
As restated	.81%	.78%	.73%	.75%	.78%
Ratio of Net Expenses	2006	2005	2004	2003	2002
Class A shares:					
As previously reported	.91%	.96%			
As restated	1.01%	1.02%			
Class B shares:					
As previously reported	1.41%	1.45%			
As restated	1.51%	1.51%			
Class C shares:					
As previously reported	1.67%	1.70%			
As restated	1.77%	1.76%			
Class Z shares:					
As previously reported	.71%	.72%	.70%	.70%	.71%
As restated	.81%	.78%	.73%	.75%	.78%

This restatement has no impact on the fund's previously reported net assets, net investment income, net asset value per share or total return.

In addition, the statement of investments, the statement of assets and liabilities, the statement of operations and the statement of changes in net assets were also restated as follows:

	2006 Original Reported	2006 As Restated
Portfolio of Investments (\$):		
Total investments	1,244,866,722	1,286,456,722
Identified cost	1,192,818,332	1,233,740,347
Other assets and liabilities	1,410,883	(40,159,117)
Statement of Assets and Liabilities (\$):		
Total investments in securities, at value	1,244,866,722	1,286,456,722
Identified cost	1,192,818,332	1,233,740,347
Total assets	1,264,446,700	1,306,735,080
Payable for floating rate notes issued	–	41,570,000
Total liabilities	18,149,095	60,437,475
Net unrealized appreciation of investments	52,068,390	52,716,375
Accumulated net realized loss on investments	(9,727,548)	(10,375,533)
Statement of Operations (\$):		
Investment income–Interest	62,333,379	63,665,998
Expense–Interest	–	1,332,619
Total expenses	9,540,107	10,872,726
Net expenses	9,486,158	10,818,777

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

Shareholders and Board of Directors Dreyfus Premier California Tax Exempt Bond Fund, Inc.

We have audited the accompanying statement of assets and liabilities of Dreyfus Premier California Tax Exempt Bond Fund, Inc., including the statement of investments, as of May 31, 2006, and the related statement of operations for the year then ended, the statement of changes in net assets for each of the two years in the period then ended, and financial highlights for each of the periods indicated therein. These financial statements and financial highlights are the responsibility of the Fund's management. Our responsibility is to express an opinion on these financial statements and financial highlights based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements and financial highlights are free of material misstatement. We were not engaged to perform an audit of the Fund's internal control over financial reporting. Our audits included consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purposes of expressing an opinion on the effectiveness of the Fund's internal control over financial reporting. Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements and financial highlights, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. Our procedures included confirmation of securities owned as of May 31, 2006 by correspondence with the custodian and others or by other appropriate auditing procedures where replies from others were not received. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements and financial highlights referred to above present fairly, in all material respects, the financial position of Dreyfus Premier California Tax Exempt Bond Fund, Inc.

at May 31, 2006, the results of its operations for the year then ended, the changes in its net assets for each of the two years in the period then ended, and the financial highlights for each of the indicated periods, in conformity with U.S. generally accepted accounting principles.

As discussed in Note 6, the statement of assets and liabilities, including the statement of investments, as of May 31, 2006, and the related statements of operations for the year then ended, the statements of changes in net assets for each of the two years in the period then ended, and financial highlights for each of the periods indicated therein have been restated.

Ernst + Young LLP

New York, New York
July 10, 2006
(except for Note 6 as to which
the date is January 25, 2007)

IMPORTANT TAX INFORMATION (Unaudited)

In accordance with federal tax law, the fund hereby designates all the dividends paid from investment income-net during its fiscal year ended May 31, 2006 as “exempt-interest dividends” (not subject to regular federal income tax, and for individuals who are California residents, California personal income taxes). As required by federal tax law rules, shareholders will receive notification of their portion of the fund’s taxable ordinary dividends (if any) and capital gains distributions (if any) paid for the 2006 calendar year on Form 1099-DIV which will be mailed by January 31, 2007.

INFORMATION ABOUT THE REVIEW AND APPROVAL OF THE FUND'S MANAGEMENT AGREEMENT (Unaudited)

At a meeting of the fund's Board of Directors held on April 18, 2006, the Board considered the re-approval for an annual period of the fund's Management Agreement, pursuant to which the Manager provides the fund with investment advisory and administrative services. The Board members, none of whom are "interested persons" (as defined in the Investment Company Act of 1940, as amended) of the fund, were assisted in their review by independent legal counsel and met with counsel in executive session separate from representatives of the Manager.

Analysis of Nature, Extent, and Quality of Services Provided to the Fund. The Board members received a presentation from representatives of the Manager regarding services provided to the fund and other funds in the Dreyfus fund complex, and discussed the nature, extent, and quality of the services provided to the fund pursuant to its Management Agreement. The Manager's representatives reviewed the fund's distribution of accounts and the relationships the Manager has with various intermediaries and the different needs of each. The Manager's representatives noted the diversity of distribution of the fund as well as among the funds in the Dreyfus fund complex, and the Manager's corresponding need for broad, deep, and diverse resources to be able to provide ongoing shareholder services to each of the fund's distribution channels. The Board also reviewed the number of shareholder accounts in the fund, as well as the fund's asset size.

The Board members also considered the Manager's research and portfolio management capabilities. The Board members also considered that the Manager also provides oversight of day-to-day fund operations, including fund accounting and administration and assistance in meeting legal and regulatory requirements, and the Manager's extensive administrative, accounting and compliance infrastructure.

Comparative Analysis of the Fund's Management Fee, Expense Ratio, and Performance. The Board members reviewed reports prepared by Lipper, Inc., an independent provider of investment company data, which included information comparing the fund's management fee and expense ratio with a group of comparable funds (the "Expense Group")

and with a broader group of funds (the “Expense Universe”) that were selected by Lipper. Included in these reports were comparisons of contractual and actual management fee rates, total operating expenses, and yield and total return performance. The Manager furnished these reports to the Board along with a description of the methodology Lipper used to select the Expense Group and Expense Universe.

The Board reviewed the results of the Expense Group and Expense Universe comparisons for various periods ended February 28, 2006. The Board reviewed the range of management fees and expense ratios of the funds in the Expense Group and Expense Universe, and noted that the fund’s contractual and actual management fees and total expense ratio (for Class A shares) were higher than medians of the Expense Group and Expense Universe.

The Board members also reviewed the reports prepared by Lipper that presented the fund’s performance for various periods ended February 28, 2006, and placed significant emphasis on comparisons of yield and total return performance among the same group of funds as the Expense Group (the “Performance Group”) and to a group of funds that was broader than the Expense Universe (the “Performance Universe”) that also was selected by Lipper. Because the fund’s Class A shares have only one year of performance history, the Board also reviewed performance results for the fund’s Class Z shares, which is the fund’s oldest share class. The Board noted that the fund achieved total returns that were at or above the Performance Group medians for each reported time period up to 5 years. On a yield performance basis, the Board noted that the fund’s one-year yield performance for the past 10 annual periods was below the Performance Group medians and variously above and below the Performance Universe medians for each reported time period.

The Board discussed the fund’s total expense ratio relative to the Expense Group with management. In that regard, the Board noted that the fund has the same contractual management fee rate as the substantial majority of Dreyfus municipal bond funds and that the fund’s total expense ratio is only eight basis points higher than the Expense Group

median. The Board also noted the portfolio manager's experience and long-term track record, including his competitive total return performance results.

Representatives of the Manager noted that there were no similarly managed mutual funds, institutional separate accounts, or wrap fee accounts managed by the Manager or its affiliates with similar investment objectives, policies, and strategies and, as to mutual funds only, reported in the same Lipper category, as the fund.

Analysis of Profitability and Economies of Scale. The Manager's representatives reviewed the dollar amount of expenses allocated and profit received by the Manager and the method used to determine such expenses and profit. The Board considered information, previously provided and discussed, prepared by an independent consulting firm regarding the Manager's approach to allocating costs to, and determining the profitability of, individual funds and the entire Dreyfus mutual fund complex. The Board members also considered that the methodology had also been reviewed by an independent registered public accounting firm which, like the consultant, found the methodology to be reasonable. The consulting firm also analyzed where any economies of scale might emerge in connection with the management of the fund. The Board members evaluated the profitability analysis in light of the relevant circumstances for the fund, including the decline in fund assets from the prior year, and the extent to which economies of scale would be realized if the fund grows and whether fee levels reflect these economies of scale for the benefit of fund shareholders. The Board members also considered potential benefits to the Manager from acting as investment adviser to the fund and noted that there were no soft dollar arrangements in effect with respect to trading the fund's portfolio.

It was noted that the Board members should consider the Manager's profitability with respect to the fund as part of their evaluation of whether the fees under the Management Agreement bear a reasonable relationship to the mix of services provided by the Manager, including the nature, extent, and quality of such services and that a discussion of

economies of scale is predicated on increasing assets and that, if a fund's assets had been decreasing, the possibility that the Manager may have realized any economies of scale would be less. It was noted that the profitability percentage for managing the fund was within ranges determined by appropriate court cases to be reasonable given the services rendered and that the profitability percentage for managing the fund was reasonable given the fund's overall performance and generally superior service levels provided.

At the conclusion of these discussions, the Board agreed that it had been furnished with sufficient information to make an informed business decision with respect to continuation of the fund's Management Agreement. Based on the discussions and considerations as described above, the Board made the following conclusions and determinations.

- The Board concluded that the nature, extent, and quality of the services provided by the Manager are adequate and appropriate.
- The Board was satisfied with the fund's performance.
- The Board concluded that the fee paid to the Manager by the fund was reasonable in light of the services provided, comparative performance and expense and advisory fee information, costs of the services provided, and profits to be realized and benefits derived or to be derived by the Manager from its relationship with the fund.
- The Board determined that the economies of scale which may accrue to the Manager and its affiliates in connection with the management of the fund had been adequately considered by the Manager in connection with the management fee rate charged to the fund, and that, to the extent in the future it were to be determined that material economies of scale had not been shared with the fund, the Board would seek to have those economies of scale shared with the fund.

The Board members considered these conclusions and determinations, along with the information received on a routine and regular basis throughout the year, and, without any one factor being dispositive, the Board determined that re-approval of the fund's Management Agreement was in the best interests of the fund and its shareholders.

BOARD MEMBERS INFORMATION (Unaudited)

Joseph S. DiMartino (62)
Chairman of the Board (1995)

Principal Occupation During Past 5 Years:

- Corporate Director and Trustee

Other Board Memberships and Affiliations:

- The Muscular Dystrophy Association, Director
- Levcor International, Inc., an apparel fabric processor, Director
- Century Business Services, Inc., a provider of outsourcing functions for small and medium size companies, Director
- The Newark Group, a provider of a national market of paper recovery facilities, paperboard mills and paperboard converting plants, Director
- Sunair Services Corporation, engaging in the design, manufacture and sale of high frequency systems for long-range voice and data communications, as well as providing certain outdoor-related services to homes and businesses, Director

No. of Portfolios for which Board Member Serves: 186

David W. Burke (70)
Board Member (1994)

Principal Occupation During Past 5 Years:

- Corporate Director and Trustee

Other Board Memberships and Affiliations:

- John F. Kennedy Library Foundation, Director
- U.S.S. Constitution Museum, Director

No. of Portfolios for which Board Member Serves: 79

Gordon J. Davis (64)
Board Member (1995)

Principal Occupation During Past 5 Years:

- Partner in the law firm of LeBoeuf, Lamb, Greene & MacRae, LLP
- President, Lincoln Center for the Performing Arts, Inc. (2001)

Other Board Memberships and Affiliations:

- Consolidated Edison, Inc., a utility company, Director
- Phoenix Companies, Inc., a life insurance company, Director
- Board Member/Trustee for several not-for-profit groups

No. of Portfolios for which Board Member Serves: 24

Joni Evans (64)
Board Member (1987)

Principal Occupation During Past 5 Years:

- Principal, Joni Evans Ltd.
- Senior Vice President of the William Morris Agency (2005)

No. of Portfolios for which Board Member Serves: 15

Arnold S. Hiatt (79)
Board Member (1987)

Principal Occupation During Past 5 Years:

- Chairman of The Stride Rite Charitable Foundation

Other Board Memberships and Affiliations:

- Isabella Stewart Gardner Museum, Trustee
- John Merck Fund, a charitable trust, Trustee
- Business for Social Responsibility, Director
- The A.M. Fund, Trustee

No. of Portfolios for which Board Member Serves: 15

Burton N. Wallack (55)
Board Member (1991)

Principal Occupation During Past 5 Years:

- President and co-owner of Wallack Management Company, a real estate management company

No. of Portfolios for which Board Member Serves: 15

Once elected all Board Members serve for an indefinite term. The address of the Board Members and Officers is in c/o The Dreyfus Corporation, 200 Park Avenue, New York, New York 10166. Additional information about the Board Members is available in the fund's Statement of Additional Information which can be obtained from Dreyfus free of charge by calling this toll free number: 1-800-554-4611.

Samuel Chase, Emeritus Board Member

OFFICERS OF THE FUND (Unaudited)

STEPHEN E. CANTER, President since March 2000.

Chairman of the Board and Chief Executive Officer of the Manager, and an officer of 90 investment companies (comprised of 186 portfolios) managed by the Manager. Mr. Canter also is a Board member and, where applicable, an Executive Committee Member of the other investment management subsidiaries of Mellon Financial Corporation, each of which is an affiliate of the Manager. He is 60 years old and has been an employee of the Manager since May 1995.

STEPHEN R. BYERS, Executive Vice President since November 2002.

Chief Investment Officer, Vice Chairman and a director of the Manager, and an officer of 90 investment companies (comprised of 186 portfolios) managed by the Manager. Mr. Byers also is an officer, director or an Executive Committee Member of certain other investment management subsidiaries of Mellon Financial Corporation, each of which is an affiliate of the Manager. He is 52 years old and has been an employee of the Manager since January 2000.

MARK N. JACOBS, Vice President since March 2000.

Executive Vice President, Secretary and General Counsel of the Manager, and an officer of 91 investment companies (comprised of 202 portfolios) managed by the Manager. He is 60 years old and has been an employee of the Manager since June 1977.

MICHAEL A. ROSENBERG, Vice President and Secretary since August 2005.

Associate General Counsel of the Manager, and an officer of 91 investment companies (comprised of 202 portfolios) managed by the Manager. He is 46 years old and has been an employee of the Manager since October 1991.

JAMES BITETTO, Vice President and Assistant Secretary since August 2005.

Assistant General Counsel and Assistant Secretary of the Manager, and an officer of 91 investment companies (comprised of 202

portfolios) managed by the Manager. He is 39 years old and has been an employee of the Manager since December 1996.

JONI LACKS CHARATAN, Vice President and Assistant Secretary since August 2005.

Associate General Counsel of the Manager, and an officer of 91 investment companies (comprised of 202 portfolios) managed by the Manager. She is 50 years old and has been an employee of the Manager since October 1988.

JOSEPH M. CHIOFFI, Vice President and Assistant Secretary since August 2005.

Assistant General Counsel of the Manager, and an officer of 91 investment companies (comprised of 202 portfolios) managed by the Manager. He is 44 years old and has been an employee of the Manager since June 2000.

JANETTE E. FARRAGHER, Vice President and Assistant Secretary since August 2005.

Associate General Counsel of the Manager, and an officer of 91 investment companies (comprised of 202 portfolios) managed by the Manager. She is 43 years old and has been an employee of the Manager since February 1984.

JOHN B. HAMMALIAN, Vice President and Assistant Secretary since August 2005.

Associate General Counsel of the Manager, and an officer of 91 investment companies (comprised of 202 portfolios) managed by the Manager. He is 42 years old and has been an employee of the Manager since February 1991.

ROBERT R. MULLERY, Vice President and Assistant Secretary since August 2005.

Associate General Counsel of the Manager, and an officer of 91 investment companies (comprised of 202 portfolios) managed by the Manager. He is 54 years old and has been an employee of the Manager since May 1986.

JEFF PRUSNOFSKY, Vice President and Assistant Secretary since August 2005.

Associate General Counsel of the Manager, and an officer of 91 investment companies (comprised of 202 portfolios) managed by the Manager. He is 41 years old and has been an employee of the Manager since October 1990.

JAMES WINDELS, Treasurer since November 2001.

Director – Mutual Fund Accounting of the Manager, and an officer of 91 investment companies (comprised of 202 portfolios) managed by the Manager. He is 47 years old and has been an employee of the Manager since April 1985.

ERIK D. NAVILOFF, Assistant Treasurer since August 2005.

Senior Accounting Manager – Taxable Fixed Income Funds of the Manager, and an officer of 91 investment companies (comprised of 202 portfolios) managed by the Manager. He is 37 years old and has been an employee of the Manager since November 1992.

ROBERT ROBOL, Assistant Treasurer since August 2003.

Senior Accounting Manager – Money Market and Municipal Bond Funds of the Manager, and an officer of 91 investment companies (comprised of 202 portfolios) managed by the Manager. He is 42 years old and has been an employee of the Manager since October 1988.

ROBERT SVAGNA, Assistant Treasurer since August 2005.

Senior Accounting Manager – Equity Funds of the Manager, and an officer of 91 investment companies (comprised of 201 portfolios) managed by the Manager. He is 39 years old and has been an employee of the Manager since November 1990.

GAVIN C. REILLY, Assistant Treasurer since December 2005.

Tax Manager of the Investment Accounting and Support Department of the Manager, and an officer of 91 investment companies (comprised of 202 portfolios) managed by the Manager. He is 37 years old and has been an employee of the Manager since April 1991.

JOSEPH W. CONNOLLY, Chief Compliance Officer since October 2004.

Chief Compliance Officer of the Manager and The Dreyfus Family of Funds (91 investment companies, comprised of 202 portfolios). From November 2001 through March 2004, Mr. Connolly was first Vice-President, Mutual Fund Servicing for Mellon Global Securities Services. In that capacity, Mr. Connolly was responsible for managing Mellon's Custody, Fund Accounting and Fund Administration services to third-party mutual fund clients. He is 49 years old and has served in various capacities with the Manager since 1980, including manager of the firm's Fund Accounting Department from 1997 through October 2001.

WILLIAM GERMENIS, Anti-Money Laundering Compliance Officer since October 2002.

Vice President and Anti-Money Laundering Compliance Officer of the Distributor, and the Anti-Money Laundering Compliance Officer of 87 investment companies (comprised of 198 portfolios) managed by the Manager. He is 35 years old and has been an employee of the Distributor since October 1998.

For More Information

**Dreyfus Premier
California Tax Exempt
Bond Fund, Inc.**
200 Park Avenue
New York, NY 10166

Manager

The Dreyfus Corporation
200 Park Avenue
New York, NY 10166

Custodian

The Bank of New York
One Wall Street
New York, NY 10286

**Transfer Agent &
Dividend Disbursing Agent**

Dreyfus Transfer, Inc.
200 Park Avenue
New York, NY 10166

Distributor

Dreyfus Service Corporation
200 Park Avenue
New York, NY 10166

Telephone Call your financial representative or 1-800-554-4611

Mail The Dreyfus Premier Family of Funds
144 Glenn Curtiss Boulevard, Uniondale, NY 11556-0144

The fund files its complete schedule of portfolio holdings with the Securities and Exchange Commission ("SEC") for the first and third quarters of each fiscal year on Form N-Q. The fund's Forms N-Q are available on the SEC's website at <http://www.sec.gov> and may be reviewed and copied at the SEC's Public Reference Room in Washington, DC. Information on the operation of the Public Reference Room may be obtained by calling 1-800-SEC-0330.

Information regarding how the fund voted proxies relating to portfolio securities for the 12-month period ended June 30, 2005, is available on the SEC's website at <http://www.sec.gov> and without charge, upon request, by calling 1-800-645-6561.

