



BLACK CREEK
INVESTMENT MANAGEMENT INC.

California State Teachers' Retirement System

08/31/2019



California State Teachers' Retirement System

Holding Details | 08/31/2019

Quantity	Security	Cost	Local Price	Net Amount Local	Market Value	Percent of Assets	Risk Country	Sector Name	Industry Name
Cash and Equiv.									
20,841.49	Dividend Accrual-EUR	\$ 23,110.57	1.00	20,841.49	\$ 22,951.69	0.0 %	Europe	Cash & Equivalents	Cash & Equivalents
61,088.11	Dividend Accrual-GBP	\$ 74,121.26	1.00	61,088.11	\$ 74,396.15	0.1 %	United Kingdom	Cash & Equivalents	Cash & Equivalents
3,097,000.00	Dividend Accrual-JPY	\$ 28,266.19	1.00	3,097,000.00	\$ 29,177.07	0.0 %	Japan	Cash & Equivalents	Cash & Equivalents
285.35	Euro	\$ 316.67	1.00	285.35	\$ 314.24	0.0 %	Europe	Cash & Equivalents	Cash & Equivalents
1,617,985.77	United States Dollar	\$ 1,617,985.77		1,617,985.77	\$ 1,617,985.77	2.2 %	United States	Cash & Equivalents	Cash & Equivalents
Sub Total		\$ 1,743,800.46			\$ 1,744,824.93	2.3 %			
Equity									
1,260,446.00	Aryzta Ag	\$ 5,356,219.84	0.80	1,008,860.98	\$ 1,019,617.95	1.4 %	Switzerland	Consumer Staples	Food, Beverage & Tobacco
53,237.00	ASM International NV	\$ 2,586,719.01	76.44	4,069,436.28	\$ 4,481,466.70	6.0 %	Netherlands	Information Technology	Semiconductors & Semiconductor Equipment
165,854.00	Assicurazioni Generali SpA	\$ 3,013,623.93	16.47	2,731,615.38	\$ 3,008,191.44	4.0 %	Italy	Financials	Insurance
627,689.00	BAE Systems Plc	\$ 4,915,529.84	5.46	3,424,671.18	\$ 4,170,735.80	5.6 %	United Kingdom	Industrials	Capital Goods
30,772.00	Basilea Pharmaceutica AG	\$ 2,406,733.14	45.24	1,392,125.28	\$ 1,406,968.80	1.9 %	Switzerland	Health Care	Pharmaceuticals, Biotechnology & Life Sciences
158,912.00	Boskalis Westminster	\$ 4,975,787.07	18.10	2,875,512.64	\$ 3,166,658.29	4.2 %	Netherlands	Industrials	Capital Goods
260,691.00	Cameco Corp	\$ 2,381,351.26	11.68	3,044,870.88	\$ 2,291,444.07	3.1 %	Canada	Energy	Energy
30,115.00	Cap Gemini SA	\$ 3,177,020.00	109.15	3,287,052.25	\$ 3,619,866.29	4.8 %	France	Information Technology	Software & Services
75,335.00	Criteo SA (ADR)	\$ 1,886,688.89	19.42	1,463,005.70	\$ 1,463,005.70	1.9 %	France	Communication Services	Media & Entertainment
5,852.00	Daikin Industries Ltd	\$ 566,203.87	13,155.00	76,983,060.00	\$ 725,263.18	1.0 %	Japan	Industrials	Capital Goods
55,646.00	Dentsu Inc.	\$ 2,818,746.77	3,630.00	201,994,980.00	\$ 1,903,009.85	2.5 %	Japan	Communication Services	Media & Entertainment
272,556.00	FBD Holdings plc	\$ 2,132,215.43	9.04	2,463,906.24	\$ 2,713,376.75	3.6 %	Ireland	Financials	Insurance
214,264.00	Galp Energia SA	\$ 3,162,313.98	13.06	2,798,287.84	\$ 3,081,614.48	4.1 %	Portugal	Energy	Energy



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195,145.00	Glanbia PLC	\$ 3,390,692.29	9.98	1,946,571.38	\$ 2,143,661.73	2.9 %	Ireland	Consumer Staples	Food, Beverage & Tobacco
112,013.00	GlaxoSmithKline PLC	\$ 2,362,652.17	17.12	1,917,214.51	\$ 2,334,879.69	3.1 %	United Kingdom	Health Care	Pharmaceuticals, Biotechnology & Life Sciences
141,138.00	Grifols SA (ADR)	\$ 2,656,666.93	21.30	3,006,239.40	\$ 3,006,239.40	4.0 %	Spain	Health Care	Pharmaceuticals, Biotechnology & Life Sciences
61,944.00	HeidelbergCement AG	\$ 5,623,597.91	63.04	3,904,949.76	\$ 4,300,325.92	5.7 %	Germany	Materials	Materials
19,901.00	Koninklijke DSM NV	\$ 1,245,773.83	113.10	2,250,803.10	\$ 2,478,696.91	3.3 %	Netherlands	Materials	Materials
3,893,395.00	Lloyds Banking Group PLC	\$ 2,920,457.15	0.50	1,940,078.73	\$ 2,362,724.88	3.1 %	United Kingdom	Financials	Banks
871,544.00	Morgan Advanced Materials PLC	\$ 3,365,017.66	2.56	2,227,666.46	\$ 2,712,963.60	3.6 %	United Kingdom	Industrials	Capital Goods
72,959.00	NOF Corp	\$ 2,304,018.64	3,445.00	251,343,755.00	\$ 2,367,928.35	3.2 %	Japan	Materials	Materials
96,305.00	Nutrien Ltd	\$ 4,300,407.68	67.05	6,457,250.25	\$ 4,859,459.85	6.5 %	Canada	Materials	Materials
144,323.00	Santen Pharmaceutical Co Ltd.	\$ 2,384,459.67	1,861.00	268,585,103.00	\$ 2,530,360.38	3.4 %	Japan	Health Care	Pharmaceuticals, Biotechnology & Life Sciences
214,822.00	STMicroelectronics NV	\$ 3,592,703.97	16.11	3,460,782.42	\$ 3,811,186.64	5.1 %	Switzerland	Information Technology	Semiconductors & Semiconductor Equipment
500,843.00	Tate & Lyle Plc	\$ 3,919,243.10	7.19	3,603,064.54	\$ 4,387,992.16	5.8 %	United Kingdom	Consumer Staples	Food, Beverage & Tobacco
131,045.00	Wienerberger AG	\$ 2,799,804.09	20.92	2,741,461.40	\$ 3,019,034.37	4.0 %	Austria	Materials	Materials
Sub Total		\$ 80,244,648.12			\$ 73,366,673.19	97.7 %			
Total Portfolio		\$ 81,988,448.58			\$ 75,111,498.12	100.0 %			



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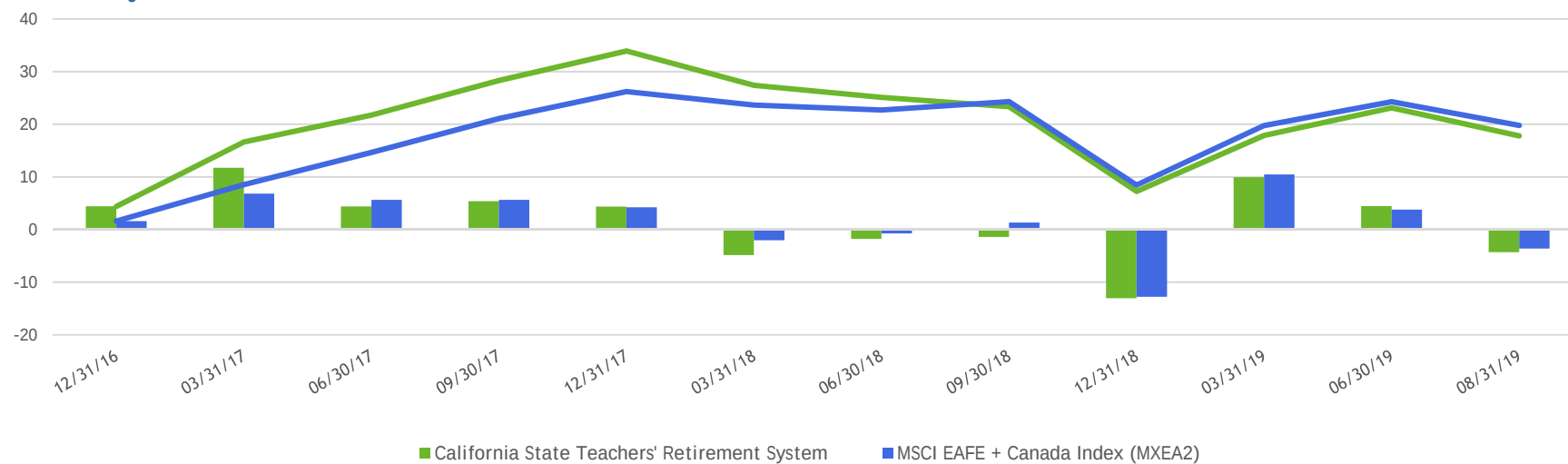
Performance Overview | 08/31/2019

Performance

	Month to Date	Quarter to Date	Year to Date	1 Year	Since Inception Annualized
Total Portfolio	(3.36 %)	(4.32 %)	9.83 %	(5.09 %)	5.95 %
MSCI EAFE + Canada Index (MXEA2)	(2.46 %)	(3.63 %)	10.47 %	(2.90 %)	6.58 %

Returns over one year are annualized. Inception for performance is 10/31/16.

Time Weighted Return

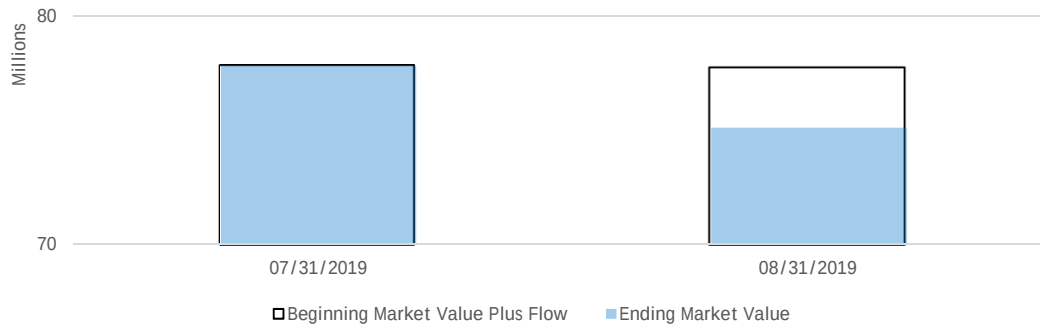


Performance is gross of fees



Portfolio Overview | 08/31/2019

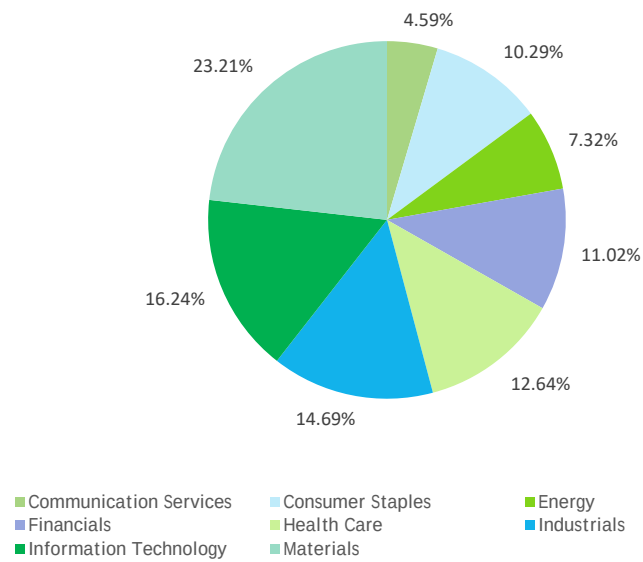
Change in Portfolio



Activity Summary

	Month to Date
Beginning Value	77,830,208.47
Net Contributions / Withdrawals	(107,673.35)
Realized Gains	27,156.14
Unrealized Gains	(2,753,536.82)
Income Received	115,343.68
Ending Value	75,111,498.12

Portfolio Allocation



Sector	Market Value	Percent of Assets	Current Yield
Cash and Equiv.	\$ 1,744,824.93	2.32 %	0.00 %
Communication Services	\$ 3,366,015.55	4.48 %	
Consumer Staples	\$ 7,551,271.83	10.05 %	0.15 %
Energy	\$ 5,373,058.55	7.15 %	0.00 %
Financials	\$ 8,084,293.07	10.76 %	0.06 %
Health Care	\$ 9,278,448.28	12.35 %	0.01 %
Industrials	\$ 10,775,620.88	14.35 %	
Information Technology	\$ 11,912,519.63	15.86 %	
Materials	\$ 17,025,445.41	22.67 %	0.00 %
Total	\$ 75,111,498.12	100.00 %	0.22 %



California State Teachers' Retirement System

Transaction Details | 07/31/19 - 08/31/19

Transaction Code	Security Name	Trade Date	Settle Date	Quantity	Trade Amount
by	Canadian Dollar	07/31/2019	07/31/2019	289,528	\$ 219,822.69
wd	Dividend Accrual-GBP	07/31/2019	07/31/2019	101,428	\$ 124,193.36
sl	Euro	08/01/2019	08/01/2019	335,311	\$ 373,486.57
by	British Pound	08/01/2019	08/01/2019	1,609,806	\$ 1,961,708.93
in	United States Dollar	08/01/2019	08/02/2019	5,336	\$ 5,335.86
dv	Koninklijke DSM NV	08/05/2019	08/26/2019		\$ 14,358.85
by	Tate & Lyle Plc	08/06/2019	08/06/2019	13,209	\$ 123,427.58
dv	Lloyds Banking Group PLC	08/08/2019	09/13/2019		\$ 52,909.36
dv	GlaxoSmithKline PLC	08/08/2019	10/10/2019		\$ 21,211.89
lo	United States Dollar	08/09/2019	08/09/2019	107,673	\$ 107,673.35
sl	Altran Technologies SA	08/09/2019	08/13/2019	73,329	\$ 1,175,394.72
by	Boskalis Westminster	08/09/2019	08/13/2019	7,957	\$ 163,015.28
by	Cap Gemini SA	08/09/2019	08/13/2019	3,862	\$ 475,361.84
by	STMicroelectronics NV	08/09/2019	08/13/2019	18,849	\$ 331,517.87
by	Boskalis Westminster	08/12/2019	08/14/2019	2,654	\$ 54,497.74
by	Boskalis Westminster	08/12/2019	08/14/2019	6,173	\$ 125,318.45
by	GlaxoSmithKline PLC	08/12/2019	08/14/2019	20,002	\$ 406,336.08
sl	Dentsu Inc.	08/13/2019	08/15/2019	9,504	\$ 317,203.59
by	NOF Corp	08/13/2019	08/15/2019	4,903	\$ 150,797.92
sl	Daikin Industries Ltd	08/13/2019	08/15/2019	6,700	\$ 847,062.14
by	Euro	08/13/2019	08/13/2019	145,530	\$ 163,299.07
by	Euro	08/13/2019	08/13/2019	424,373	\$ 476,189.37
by	Euro	08/13/2019	08/13/2019	295,958	\$ 332,139.38
sl	Euro	08/13/2019	08/13/2019	1,049,319	\$ 1,175,845.93
by	Boskalis Westminster	08/13/2019	08/15/2019	1,543	\$ 31,104.63
by	Boskalis Westminster	08/13/2019	08/15/2019	1,544	\$ 30,761.47
by	Boskalis Westminster	08/13/2019	08/15/2019	618	\$ 12,625.56
by	Boskalis Westminster	08/13/2019	08/15/2019	506	\$ 10,357.58
sl	Dentsu Inc.	08/14/2019	08/16/2019	50	\$ 1,761.45
by	NOF Corp	08/14/2019	08/16/2019	613	\$ 19,235.00



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Transaction Code	Security Name	Trade Date	Settle Date	Quantity	Trade Amount
sl	Daikin Industries Ltd	08/14/2019	08/16/2019	2,792	\$ 356,782.54
by	Euro	08/14/2019	08/14/2019	48,576	\$ 54,505.03
by	Euro	08/14/2019	08/14/2019	111,702	\$ 125,398.88
by	British Pound	08/14/2019	08/14/2019	336,246	\$ 406,285.64
by	Boskalis Westminster	08/14/2019	08/16/2019	1,174	\$ 24,000.91
by	Boskalis Westminster	08/14/2019	08/16/2019	788	\$ 15,682.22
sl	FBD Holdings plc	08/14/2019	08/16/2019	204	\$ 2,130.02
by	NOF Corp	08/15/2019	08/19/2019	2,811	\$ 88,536.41
by	Euro	08/15/2019	08/15/2019	11,285	\$ 12,632.44
by	Euro	08/15/2019	08/15/2019	27,802	\$ 31,124.37
by	Euro	08/15/2019	08/15/2019	27,495	\$ 30,778.25
by	Euro	08/15/2019	08/15/2019	9,258	\$ 10,363.23
by	Japanese Yen	08/15/2019	08/15/2019	16,080,336	\$ 150,969.22
sl	Japanese Yen	08/15/2019	08/15/2019	33,825,004	\$ 317,379.19
sl	Japanese Yen	08/15/2019	08/15/2019	90,326,472	\$ 846,102.06
by	NOF Corp	08/16/2019	08/20/2019	2,759	\$ 86,862.11
by	Euro	08/16/2019	08/16/2019	14,065	\$ 15,693.61
by	Euro	08/16/2019	08/16/2019	21,525	\$ 24,044.18
sl	Euro	08/16/2019	08/16/2019	1,910	\$ 2,127.34
by	Japanese Yen	08/16/2019	08/16/2019	2,035,159	\$ 19,248.64
sl	Japanese Yen	08/16/2019	08/16/2019	37,749,376	\$ 355,468.92
sl	Japanese Yen	08/16/2019	08/16/2019	186,370	\$ 1,754.96
sl	FBD Holdings plc	08/16/2019	08/20/2019	2,518	\$ 25,679.48
by	NOF Corp	08/19/2019	08/21/2019	2,727	\$ 86,351.58
by	Japanese Yen	08/19/2019	08/19/2019	9,397,697	\$ 88,662.54
by	NOF Corp	08/20/2019	08/22/2019	1,480	\$ 47,400.17
by	Euro	08/20/2019	08/20/2019	1,061	\$ 1,177.86
by	Euro	08/20/2019	08/20/2019	354	\$ 392.62
sl	Euro	08/20/2019	08/20/2019	23,125	\$ 25,622.82
by	Japanese Yen	08/20/2019	08/20/2019	9,240,826	\$ 86,961.02



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by	NOF Corp	08/21/2019	08/23/2019	929	\$ 29,271.03
by	Japanese Yen	08/21/2019	08/21/2019	9,196,011	\$ 86,319.15
by	NOF Corp	08/22/2019	08/26/2019	1,586	\$ 50,828.78
by	Japanese Yen	08/22/2019	08/22/2019	5,039,349	\$ 47,454.18
dv	Glanbia PLC	08/22/2019	10/04/2019		\$ 23,093.41
by	NOF Corp	08/23/2019	08/27/2019	4,163	\$ 134,123.93
by	Japanese Yen	08/23/2019	08/23/2019	3,116,487	\$ 29,287.54
by	NOF Corp	08/26/2019	08/28/2019	265	\$ 8,308.82
wd	Dividend Accrual-EUR	08/26/2019	08/26/2019	12,934	\$ 14,341.69
by	Japanese Yen	08/26/2019	08/26/2019	5,411,486	\$ 50,886.61
by	Koninklijke DSM NV	08/26/2019	08/26/2019	140	\$ 14,373.72
by	Japanese Yen	08/27/2019	08/27/2019	14,211,101	\$ 134,276.01
by	Japanese Yen	08/28/2019	08/28/2019	880,527	\$ 8,318.24
dv	Wienerberger AG	08/28/2019	08/28/2019		\$ (1,566.13)
dv	Koninklijke DSM NV	08/30/2019	08/30/2019		\$ 0.43