

Black Creek Investment Management Inc
California State Teachers' Retirement System
November 30, 2018

Quantity	Security	Total Cost us	Price Local	Market Value Local	Market Value us	Pct. Assets	Country	Currency	Sector	Industry
Cash and Equiv.										
39,481	British Pound	51,107.87	1.00	39,481.29	50,374.18	0.1	United Kingdom	GBP	Cash & Equivalents	Cash & Equivalents
23,271	Dividend Accrual-CAD	17,520.73	1.00	23,271.04	17,508.87	0.0	Canada	CAD	Cash & Equivalents	Cash & Equivalents
41,411	Dividend Accrual-GBP	53,605.37	1.00	41,410.63	52,835.82	0.1	United Kingdom	GBP	Cash & Equivalents	Cash & Equivalents
2,567,224	Dividend Accrual-JPY	22,725.70	1.00	2,567,224.00	22,608.75	0.0	Japan	JPY	Cash & Equivalents	Cash & Equivalents
	Dividend Accrual-USD	26,770.06		26,770.06	26,770.06	0.0	United States	USD	Cash & Equivalents	Cash & Equivalents
1,876,199	Japanese Yen	16,608.58	1.00	1,876,199.00	16,523.11	0.0	Japan	JPY	Cash & Equivalents	Cash & Equivalents
	United States Dollar	1,301,476.65		1,301,476.65	1,301,476.65	1.8	United States	USD	Cash & Equivalents	Cash & Equivalents
		1,489,814.97			1,488,097.44	2.0				
Equity										
254,156	Altran Technologies SA	3,678,841.73	8.76	2,227,677.34	2,522,287.67	3.4	France	EUR	Information Technolo	Software & Services
1,260,446	Aryzta Ag	5,356,219.84	1.34	1,686,476.75	1,687,573.67	2.3	Switzerland	CHF	Consumer Staples	Food, Beverage & Tob
69,810	ASM International NV	3,379,998.51	37.59	2,624,157.90	2,971,202.78	4.0	Netherlands	EUR	Information Technolo	Semiconductors & Sem
165,854	Assicurazioni Generali SpA	3,013,623.93	14.89	2,469,566.06	2,796,166.17	3.8	Italy	EUR	Financials	Insurance
550,327	BAE Systems Plc	4,449,701.04	4.91	2,703,756.55	3,449,722.98	4.7	United Kingdom	GBP	Industrials	Capital Goods
30,772	Basilea Pharmaceutica AG	2,406,733.14	52.05	1,601,682.60	1,602,724.37	2.2	Switzerland	CHF	Health Care	Pharmaceuticals, Bio
121,852	Boskalis Westminster	4,181,659.52	24.42	2,975,625.84	3,369,152.36	4.6	Netherlands	EUR	Industrials	Capital Goods
294,685	BTG PLC	2,387,083.71	8.35	2,460,619.75	3,139,504.74	4.3	United Kingdom	GBP	Health Care	Pharmaceuticals, Bio
290,888	Cameco Corp	2,657,193.78	15.77	4,587,303.76	3,451,436.13	4.7	Canada	CAD	Energy	Energy
19,222	Cap Gemini SA	1,928,142.33	103.05	1,980,827.10	2,242,791.48	3.0	France	EUR	Information Technolo	Software & Services
33,792	Criteo SA (ADR)	910,695.58	23.30	787,353.60	787,353.60	1.1	France	USD	Communication Servic	Media & Entertainmen
23,844	Daikin Industries Ltd	2,307,000.20	12,610.00	300,672,840.00	2,647,933.42	3.6	Japan	JPY	Industrials	Capital Goods
65,200	Dentsu Inc.	3,302,704.41	5,060.00	329,912,000.00	2,905,433.73	3.9	Japan	JPY	Communication Servic	Media & Entertainmen
275,278	FBD Holdings plc	2,153,509.74	9.50	2,615,141.00	2,960,993.40	4.0	Ireland	EUR	Financials	Insurance
192,426	Galp Energia SA	2,818,404.02	14.51	2,793,063.39	3,162,446.02	4.3	Portugal	EUR	Energy	Energy
185,936	Glanbia PLC	3,251,823.29	15.85	2,947,085.60	3,336,837.67	4.5	Ireland	EUR	Consumer Staples	Food, Beverage & Tob
144,795	Grifols SA (ADR)	2,662,788.63	19.72	2,855,357.40	2,855,357.40	3.9	Spain	USD	Health Care	Pharmaceuticals, Bio
61,944	HeidelbergCement AG	5,623,597.91	58.70	3,636,112.80	4,116,988.72	5.6	Germany	EUR	Materials	Materials
17,589	Koninklijke DSM NV	1,038,086.51	78.24	1,376,163.36	1,558,160.96	2.1	Netherlands	EUR	Materials	Materials
3,800,201	Lloyds Banking Group PLC	2,869,843.06	0.55	2,103,791.27	2,684,227.29	3.6	United Kingdom	GBP	Financials	Banks
871,544	Morgan Advanced Materials PLC	3,365,017.66	2.75	2,393,259.82	3,053,560.21	4.1	United Kingdom	GBP	Industrials	Capital Goods
50,723	NOF Corp	1,602,302.90	3,750.00	190,211,250.00	1,675,132.10	2.3	Japan	JPY	Materials	Materials
68,704	Nutrien Ltd	2,884,680.95	68.44	4,702,101.76	3,537,808.86	4.8	Canada	CAD	Materials	Materials
45,207	Ontex Group NV	1,427,407.90	18.61	841,302.27	952,564.50	1.3	Belgium	EUR	Consumer Staples	Household & Personal
144,323	Santen Pharmaceutical Co Ltd.	2,384,459.67	1,943.00	280,419,589.00	2,469,569.26	3.4	Japan	JPY	Health Care	Pharmaceuticals, Bio
481,519	Tate & Lyle Plc	3,743,141.20	7.18	3,457,306.42	4,411,177.26	6.0	United Kingdom	GBP	Consumer Staples	Food, Beverage & Tob
78,811	Wienerberger AG	1,561,093.70	19.80	1,560,457.80	1,766,828.34	2.4	Austria	EUR	Materials	Materials
		77,345,754.85			72,114,935.10	98.0				
TOTAL PORTFOLIO		78,835,569.83			73,603,032.54	100.0				



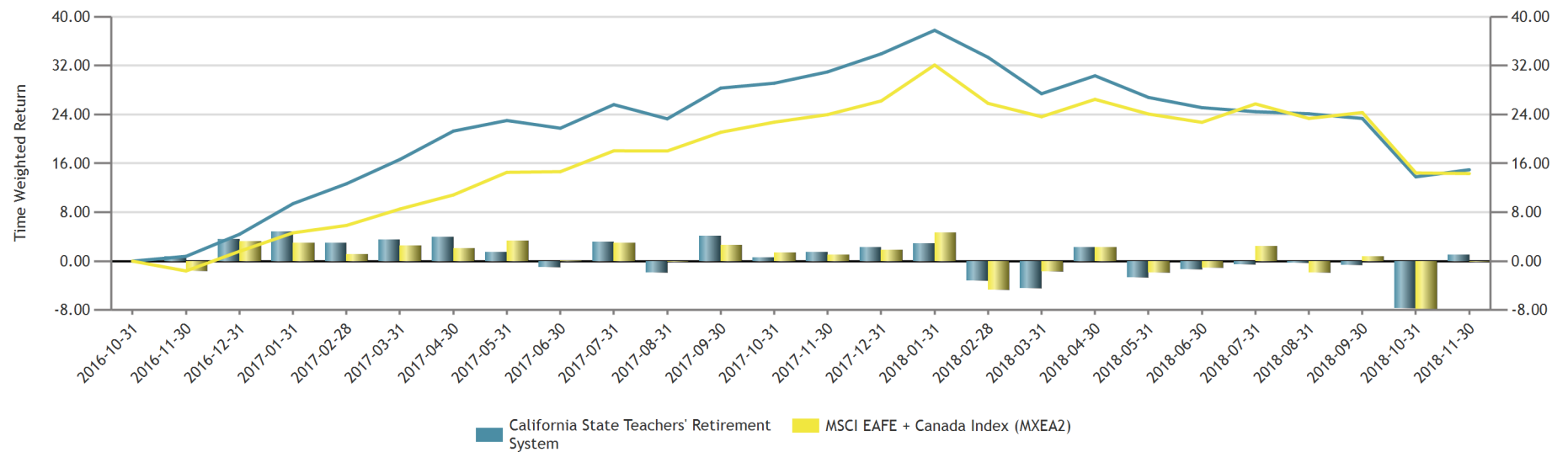
Performance History

Portfolio Account	Month To Date	Quarter To Date	Year To Date	Latest 1 Year	Annualized Since Inception 2016-10-31
	1.02	-6.81	-14.16	-12.23	6.92

Index

MSCI EAFE + Canada Index (MXEA2)	-0.09	-8.03	-9.41	-7.78	6.65
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Time Weighted Return Since Inception 2016-10-31

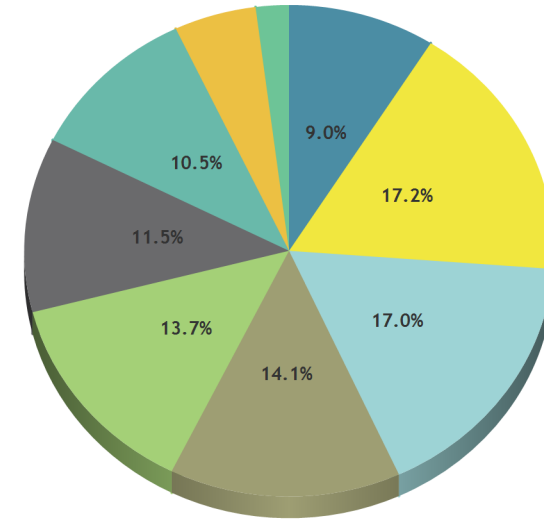




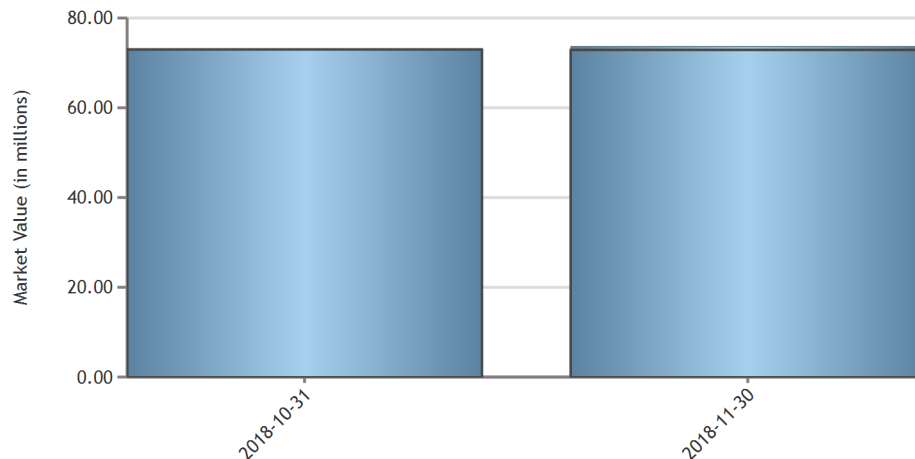
Activity Summary

	Since 2018-10-31
Beginning Value	72,972,595.75
Net Contributions/Withdrawals	-112,081.73
Realized Gains	326,363.49
Unrealized Gains	268,965.93
Income Received	147,189.10
Ending Value	73,603,032.54

Portfolio Allocation as of 2018-11-30



Change in Portfolio



□ Beginning Market Value Plus Flows ■ Ending Market Value

Industry Sector	Market Value	% Assets	Curr. Yield
Energy	6,613,882.15	9.0	0.0
Materials	12,654,918.99	17.2	0.1
Industrials	12,520,368.97	17.0	
Consumer Staples	10,388,153.10	14.1	7.8
Health Care	10,067,155.77	13.7	0.0
Financials	8,441,386.85	11.5	1.6
Information Technology	7,736,281.93	10.5	1.0
Communication Services	3,692,787.33	5.0	
Cash & Equivalents	1,488,097.44	2.0	0.0
Total	73,603,032.54	100.0	1.4



BLACK CREEK
INVESTMENT MANAGEMENT INC.

Black Creek Investment Management Inc

TRANSACTION SUMMARY

California State Teachers' Retirement System

From 2018-10-31 To 2018-11-30

Tran Code	Security	Trade Date	Settle Date	Quantity	S/D Type	S/D Symbol	Trade Amount
dv	Morgan Advanced Materials PLC	2018-11-01	2018-11-23		cagb	divacc	34,861.76
in	Euro	2018-11-01	2018-11-01		caeu	cash	-38.76
in	United States Dollar	2018-11-01	2018-11-01		caus	cash	4,719.10
dv	Santen Pharmaceutical Co Ltd.	2018-11-01	2018-11-30		cajp	divacc	1,876,199.00
dv	Santen Pharmaceutical Co Ltd.	2018-11-01	2018-12-28		cajp	divacc	-1,876,199.00
by	Euro	2018-11-02	2018-11-02	39	caus	cash	44.23
sl	Cameco Corp	2018-11-06	2018-11-08	15,000	caca	cash	243,586.50
sl	Cameco Corp	2018-11-06	2018-11-08	15,000	caca	cash	244,734.00
by	Aryzta AG-RTS	2018-11-07	2018-11-07	1,145,860	cach	cash	0.00
sl	Canadian Dollar	2018-11-08	2018-11-08	244,734	caus	cash	186,310.69
sl	Canadian Dollar	2018-11-08	2018-11-08	243,586	caus	cash	186,171.28
sl	Assicurazioni Generali SpA	2018-11-13	2018-11-15	4,884	caeu	cash	69,691.77
sl	Assicurazioni Generali SpA	2018-11-13	2018-11-15	5,039	caeu	cash	71,911.73
sl	Assicurazioni Generali SpA	2018-11-13	2018-11-15	10,077	caeu	cash	144,255.33
sl	British Pound	2018-11-13	2018-11-13	0	caus	cash	0.17
sl	FBD Holdings plc	2018-11-15	2018-11-19	8,889	caeu	cash	92,388.88
sl	Euro	2018-11-15	2018-11-15	69,692	caus	cash	78,576.08
sl	Euro	2018-11-15	2018-11-15	71,912	caus	cash	81,028.70
sl	Euro	2018-11-15	2018-11-15	144,255	caus	cash	162,258.40
lo	United States Dollar	2018-11-16			awus	client	112,081.73
sl	Aryzta AG-RTS	2018-11-19	2018-11-19	1,145,860	cach	cash	0.00
by	Aryzta Ag	2018-11-19	2018-11-19	1,145,860	cach	cash	1,145,860.00
sl	Euro	2018-11-19	2018-11-19	92,389	caus	cash	104,461.33
by	BAE Systems Plc	2018-11-20	2018-11-22	29,563	cagb	cash	151,536.80
by	BAE Systems Plc	2018-11-20	2018-11-22	35,179	cagb	cash	178,844.38
sl	BTG PLC	2018-11-20	2018-11-22	26,296	cagb	cash	217,494.86
sl	BTG PLC	2018-11-20	2018-11-22	10,283	cagb	cash	84,805.46
sl	BTG PLC	2018-11-20	2018-11-22	10,069	cagb	cash	83,021.43
sl	BTG PLC	2018-11-20	2018-11-22	8,520	cagb	cash	70,253.86
sl	BTG PLC	2018-11-20	2018-11-22	8,381	cagb	cash	69,169.67
sl	BTG PLC	2018-11-20	2018-11-22	8,519	cagb	cash	70,225.28
by	BAE Systems Plc	2018-11-20	2018-11-22	46,904	cagb	cash	240,599.93
by	Criteo SA (ADR)	2018-11-20	2018-11-23	4,773	caus	cash	104,161.18
sl	BTG PLC	2018-11-21	2018-11-23	1,976	cagb	cash	16,292.23
sl	BTG PLC	2018-11-21	2018-11-23	3,158	cagb	cash	26,163.74
sl	BTG PLC	2018-11-21	2018-11-23	1,976	cagb	cash	16,385.02
by	British Pound	2018-11-21	2018-11-21	240,600	caus	cash	307,941.44
by	British Pound	2018-11-21	2018-11-21	151,537	caus	cash	194,101.97
by	British Pound	2018-11-21	2018-11-21	178,844	caus	cash	228,901.13
dv	Tate & Lyle Plc	2018-11-22	2019-01-04		cagb	divacc	41,410.63
wd	Dividend Accrual-GBP	2018-11-23	2018-11-23		cagb	cash	34,861.76
sl	British Pound	2018-11-23	2018-11-23	70,254	caus	cash	89,763.36

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From 2018-10-31 To 2018-11-30

Tran Code	Security	Trade Date	Settle Date	Quantity	S/D Type	S/D Symbol	Trade Amount
sl	British Pound	2018-11-23	2018-11-23	16,292	caus	cash	20,810.07
sl	British Pound	2018-11-23	2018-11-23	217,495	caus	cash	278,502.17
sl	British Pound	2018-11-23	2018-11-23	84,805	caus	cash	108,355.94
sl	British Pound	2018-11-23	2018-11-23	69,170	caus	cash	88,378.09
sl	British Pound	2018-11-23	2018-11-23	70,225	caus	cash	89,726.84
sl	British Pound	2018-11-23	2018-11-23	16,385	caus	cash	20,917.12
sl	British Pound	2018-11-23	2018-11-23	83,021	caus	cash	106,076.48
sl	British Pound	2018-11-23	2018-11-23	26,164	caus	cash	33,416.33
by	Switzerland Franc	2018-11-26	2018-11-26	1,157,320	caus	cash	1,161,396.50
sl	British Pound	2018-11-26	2018-11-26	34,862	caus	cash	44,624.45
sl	Switzerland Franc	2018-11-28	2018-11-28	11,460	caus	cash	11,463.10
dv	Cameco Corp	2018-11-29	2018-12-14		caca	divacc	23,271.04
wd	Dividend Accrual-GBP	2018-11-30	2018-11-30		cagb	cash	39,481.29
dv	Grifols SA (ADR)	2018-11-30	2018-12-11		caus	divacc	26,770.06
wd	Dividend Accrual-JPY	2018-11-30	2018-11-30		cajp	cash	1,876,199.00