

Black Creek Investment Management Inc
California State Teachers' Retirement System
July 31, 2019

Quantity	Security	Total Cost us	Price Local	Market Value Local	Market Value us	Pct. Assets	Country	Currency	Sector	Industry
Cash and Equiv.										
-1,508,378	British Pound	-1,833,055.87	1.00	-1,508,377.59	-1,846,932.94	-2.4	United Kingdom	GBP	Cash & Equivalents	Cash & Equivalents
3,097,000	Dividend Accrual-JPY	28,266.19	1.00	3,097,000.00	28,524.06	0.0	Japan	JPY	Cash & Equivalents	Cash & Equivalents
335,596	Euro	373,838.75	1.00	335,596.33	373,652.95	0.5	Europe	EUR	Cash & Equivalents	Cash & Equivalents
	United States Dollar	2,970,651.48		2,970,651.48	2,970,651.48	3.8	United States	USD	Cash & Equivalents	Cash & Equivalents
		1,539,700.56			1,525,895.56	2.0				
Equity										
73,329	Altran Technologies SA	1,049,181.27	14.31	1,049,337.99	1,168,332.92	1.5	France	EUR	Information Technolo	Software & Services
1,260,446	Aryzta Ag	5,356,219.84	0.83	1,045,161.82	1,055,719.01	1.4	Switzerland	CHF	Consumer Staples	Food, Beverage & Tob
53,237	ASM International NV	2,586,719.01	74.02	3,940,602.74	4,387,467.09	5.6	Netherlands	EUR	Information Technolo	Semiconductors & Sem
165,854	Assicurazioni Generali SpA	3,013,623.93	16.84	2,792,981.36	3,109,705.45	4.0	Italy	EUR	Financials	Insurance
627,689	BAE Systems Plc	4,915,529.84	5.49	3,443,501.85	4,216,395.85	5.4	United Kingdom	GBP	Industrials	Capital Goods
30,772	Basilea Pharmaceutica AG	2,406,733.14	35.56	1,094,252.32	1,105,305.37	1.4	Switzerland	CHF	Health Care	Pharmaceuticals, Bio
135,955	Boskalis Westminster	4,508,423.22	20.49	2,785,717.95	3,101,618.37	4.0	Netherlands	EUR	Industrials	Capital Goods
260,691	Cameco Corp	2,381,351.26	12.12	3,159,574.92	2,406,103.58	3.1	Canada	CAD	Energy	Energy
26,253	Cap Gemini SA	2,701,658.16	115.25	3,025,658.25	3,368,767.90	4.3	France	EUR	Information Technolo	Software & Services
75,335	Criteo SA (ADR)	1,886,688.89	18.97	1,429,104.95	1,429,104.95	1.8	France	USD	Communication Servic	Media & Entertainmen
15,344	Daikin Industries Ltd	1,484,591.97	13,585.00	208,448,240.00	1,919,854.85	2.5	Japan	JPY	Industrials	Capital Goods
65,200	Dentsu Inc.	3,302,704.41	3,620.00	236,024,000.00	2,173,833.76	2.8	Japan	JPY	Communication Servic	Media & Entertainmen
275,278	FBD Holdings plc	2,153,509.74	9.54	2,626,152.12	2,923,957.77	3.8	Ireland	EUR	Financials	Insurance
214,264	Galp Energia SA	3,162,313.98	14.08	3,017,908.44	3,360,139.26	4.3	Portugal	EUR	Energy	Energy
195,145	Glanbia PLC	3,390,692.29	11.80	2,302,711.00	2,563,838.43	3.3	Ireland	EUR	Consumer Staples	Food, Beverage & Tob
92,011	GlaxoSmithKline PLC	1,956,316.09	17.03	1,566,579.29	1,918,198.01	2.5	United Kingdom	GBP	Health Care	Pharmaceuticals, Bio
141,138	Grifols SA (ADR)	2,656,666.93	22.76	3,212,300.88	3,212,300.88	4.1	Spain	USD	Health Care	Pharmaceuticals, Bio
61,944	HeidelbergCement AG	5,623,597.91	65.62	4,064,765.28	4,525,709.67	5.8	Germany	EUR	Materials	Materials
19,761	Koninklijke DSM NV	1,231,400.10	112.80	2,229,040.80	2,481,814.03	3.2	Netherlands	EUR	Materials	Materials
3,893,395	Lloyds Banking Group PLC	2,920,457.15	0.53	2,076,347.55	2,542,383.76	3.3	United Kingdom	GBP	Financials	Banks
871,544	Morgan Advanced Materials PLC	3,365,017.66	2.51	2,191,061.62	2,682,845.40	3.4	United Kingdom	GBP	Industrials	Capital Goods
50,723	NOF Corp	1,602,302.90	3,910.00	198,326,930.00	1,826,635.32	2.3	Japan	JPY	Materials	Materials
96,305	Nutrien Ltd	4,300,407.68	72.36	6,968,629.80	5,306,804.10	6.8	Canada	CAD	Materials	Materials
144,323	Santen Pharmaceutical Co Ltd.	2,384,459.67	1,761.00	254,152,803.00	2,340,804.08	3.0	Japan	JPY	Health Care	Pharmaceuticals, Bio
195,973	STMicroelectronics NV	3,261,186.10	16.71	3,274,708.83	3,646,060.81	4.7	Switzerland	EUR	Information Technolo	Semiconductors & Sem
487,634	Tate & Lyle Plc	3,795,815.52	7.55	3,683,587.24	4,510,368.39	5.8	United Kingdom	GBP	Consumer Staples	Food, Beverage & Tob
131,045	Wienerberger AG	2,799,804.09	20.70	2,712,631.50	3,020,243.91	3.9	Austria	EUR	Materials	Materials
		80,197,372.75			76,304,312.92	98.0				
TOTAL PORTFOLIO		81,737,073.30			77,830,208.47	100.0				



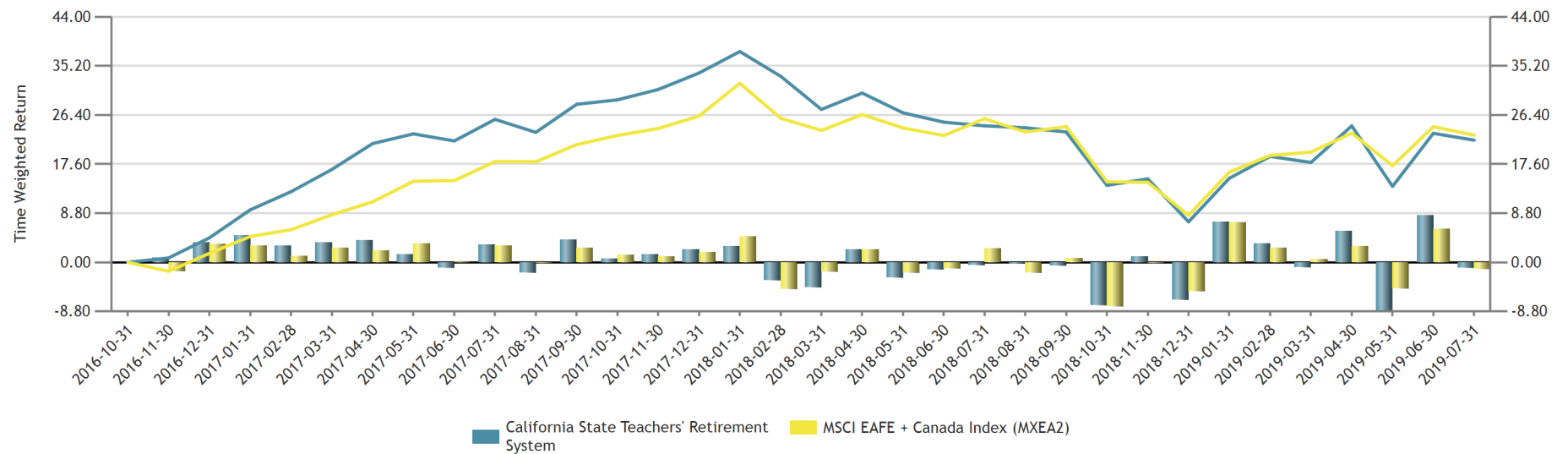
Performance History

Portfolio Account	Month To Date	Quarter To Date	Year To Date	Latest 1 Year	Annualized Since Inception 2016-10-31
	-1.00	-1.00	13.64	-2.06	7.47

Index

MSCI EAFE + Canada Index (MXEA2)	-1.21	-1.21	13.25	-2.33	7.76
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Time Weighted Return Since Inception 2016-10-31

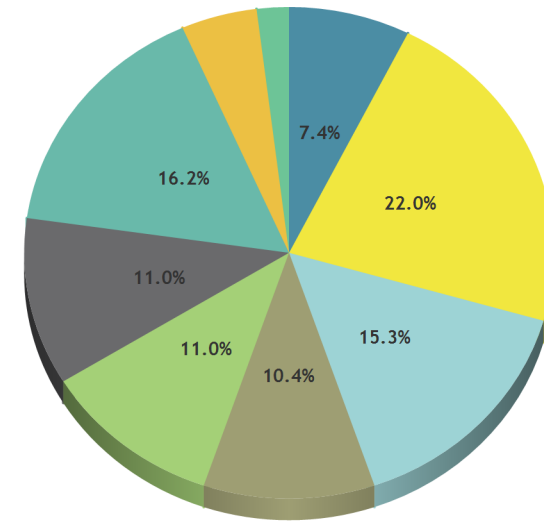




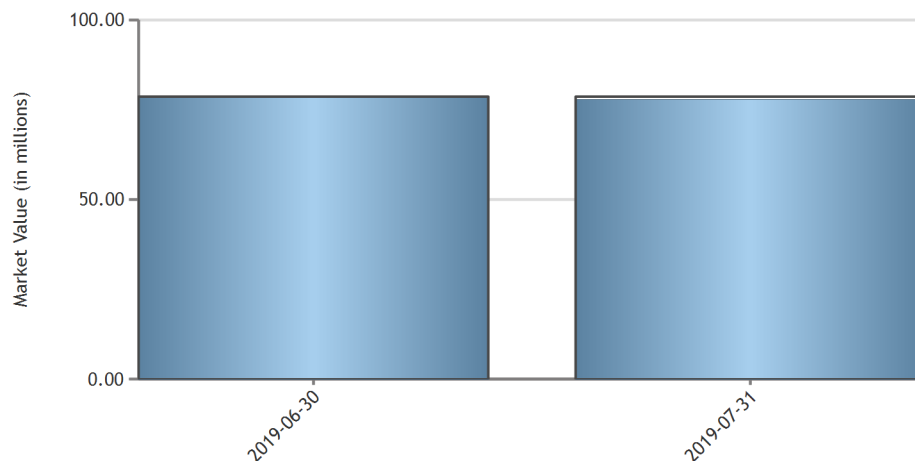
Activity Summary

	Since 2019-06-30
Beginning Value	78,615,197.21
Net Contributions/Withdrawals	0.00
Realized Gains	144,115.39
Unrealized Gains	-933,829.13
Income Received	4,724.99
Ending Value	77,830,208.47

Portfolio Allocation as of 2019-07-31



Change in Portfolio



□ Beginning Market Value Plus Flows ■ Ending Market Value

Industry Sector	Market Value	% Assets	Curr. Yield
Energy	5,766,242.84	7.4	0.0
Materials	17,161,207.03	22.0	0.1
Industrials	11,920,714.46	15.3	
Consumer Staples	8,129,925.83	10.4	10.0
Health Care	8,576,608.34	11.0	0.2
Financials	8,576,046.98	11.0	1.5
Information Technology	12,570,628.72	16.2	0.2
Communication Services	3,602,938.71	4.6	
Cash & Equivalents	1,525,895.56	2.0	0.0
Total	77,830,208.47	100.0	1.3



BLACK CREEK
INVESTMENT MANAGEMENT INC.

Black Creek Investment Management Inc

TRANSACTION SUMMARY

California State Teachers' Retirement System

From 2019-06-30 To 2019-07-31

Tran Code	Security	Trade Date	Settle Date	Quantity	S/D Type	S/D Symbol	Trade Amount
dv	Nutrien Ltd	2019-07-01	2019-07-01		caus	divacc	-29,872.96
dv	Nutrien Ltd	2019-07-01	2019-07-18		caca	divacc	39,094.74
wd	Dividend Accrual-EUR	2019-07-01	2019-07-01		caeu	cash	53,228.90
sl	Japanese Yen	2019-07-01	2019-07-01	4,479,218	caus	cash	41,500.95
in	United States Dollar	2019-07-01	2019-07-02		caus	cash	4,671.69
sl	Euro	2019-07-02	2019-07-02	53,229	caus	cash	60,100.75
by	STMicroelectronics NV	2019-07-04	2019-07-08	41,301	caeu	cash	666,419.54
sl	ASM International NV	2019-07-04	2019-07-08	10,488	caeu	cash	622,624.34
by	Euro	2019-07-08	2019-07-08	666,420	caus	cash	752,354.34
sl	Euro	2019-07-08	2019-07-08	622,624	caus	cash	699,356.56
dv	BAE Systems Plc	2019-07-17	2019-07-17		cagb	cash	0.44
dv	Lloyds Banking Group PLC	2019-07-17	2019-07-17		cagb	cash	0.18
wd	Dividend Accrual-CAD	2019-07-18	2019-07-18		caca	cash	39,094.74
by	Glanbia PLC	2019-07-19	2019-07-23	17,452	caeu	cash	252,210.23
sl	Altran Technologies SA	2019-07-19	2019-07-23	30,000	caeu	cash	436,131.82
sl	Altran Technologies SA	2019-07-19	2019-07-23	28,583	caeu	cash	415,603.28
sl	ASM International NV	2019-07-19	2019-07-23	7,573	caeu	cash	470,368.34
by	Nutrien Ltd	2019-07-19	2019-07-23	14,776	caca	cash	994,711.45
by	Nutrien Ltd	2019-07-19	2019-07-23	7,710	caca	cash	519,680.21
sl	Canadian Dollar	2019-07-19	2019-07-19	39,095	caus	cash	29,859.27
by	Galp Energia SA	2019-07-22	2019-07-24	12,003	caeu	cash	168,489.92
by	STMicroelectronics NV	2019-07-22	2019-07-24	22,543	caeu	cash	372,740.92
sl	Daikin Industries Ltd	2019-07-22	2019-07-24	100	cajp	cash	1,399,160.00
by	Wienerberger AG	2019-07-22	2019-07-24	3,611	caeu	cash	76,028.25
sl	Altran Technologies SA	2019-07-22	2019-07-24	53,993	caeu	cash	788,607.25
by	Wienerberger AG	2019-07-23	2019-07-25	11,876	caeu	cash	254,973.85
sl	Daikin Industries Ltd	2019-07-23	2019-07-25	8,400	cajp	cash	115,012,951.00
by	Wienerberger AG	2019-07-23	2019-07-25	17,652	caeu	cash	380,783.46
by	Boskalis Westminster	2019-07-23	2019-07-25	8,777	caeu	cash	182,320.94
by	Boskalis Westminster	2019-07-23	2019-07-25	5,326	caeu	cash	110,740.68
by	Lloyds Banking Group PLC	2019-07-23	2019-07-25	532,939	cagb	cash	305,661.26
sl	ASM International NV	2019-07-23	2019-07-25	8,348	caeu	cash	548,137.63
sl	Altran Technologies SA	2019-07-23	2019-07-25	26,810	caeu	cash	390,163.78
sl	Altran Technologies SA	2019-07-23	2019-07-25	25,000	caeu	cash	364,627.59
by	Grifols SA (ADR)	2019-07-23	2019-07-25	15,726	caus	cash	350,332.82
by	Canadian Dollar	2019-07-23	2019-07-23	994,711	caus	cash	760,773.58
by	Canadian Dollar	2019-07-23	2019-07-23	519,680	caus	cash	398,353.64
by	Euro	2019-07-23	2019-07-23	252,210	caus	cash	283,338.02
sl	Euro	2019-07-23	2019-07-23	436,132	caus	cash	489,156.73
sl	Euro	2019-07-23	2019-07-23	415,603	caus	cash	466,099.08
sl	Euro	2019-07-23	2019-07-23	470,368	caus	cash	527,518.09
dv	Koninklijke DSM NV	2019-07-23	2019-07-23		caeu	cash	78.81
by	Euro	2019-07-24	2019-07-24	76,028	caus	cash	85,341.71

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From 2019-06-30 To 2019-07-31

Tran Code	Security	Trade Date	Settle Date	Quantity	S/D Type	S/D Symbol	Trade Amount
by	Euro	2019-07-24	2019-07-24	168,490	caus	cash	189,129.94
by	Euro	2019-07-24	2019-07-24	372,741	caus	cash	418,401.68
sl	Euro	2019-07-24	2019-07-24	788,607	caus	cash	883,831.58
sl	Japanese Yen	2019-07-24	2019-07-24	1,399,160	caus	cash	12,955.78
by	Euro	2019-07-25	2019-07-25	182,321	caus	cash	203,636.08
by	Euro	2019-07-25	2019-07-25	110,741	caus	cash	123,620.93
by	Euro	2019-07-25	2019-07-25	380,783	caus	cash	425,072.38
by	Euro	2019-07-25	2019-07-25	254,974	caus	cash	284,400.38
by	British Pound	2019-07-25	2019-07-25	305,661	caus	cash	380,670.53
sl	Euro	2019-07-25	2019-07-25	390,164	caus	cash	434,954.58
sl	Euro	2019-07-25	2019-07-25	364,628	caus	cash	406,486.84
sl	Euro	2019-07-25	2019-07-25	548,138	caus	cash	611,063.83
sl	British Pound	2019-07-25	2019-07-25	1	caus	cash	0.77
sl	Japanese Yen	2019-07-25	2019-07-25	115,012,951	caus	cash	1,062,180.93
by	Nutrien Ltd	2019-07-29	2019-07-31	4,347	caca	cash	289,528.46
by	GlaxoSmithKline PLC	2019-07-30	2019-08-01	92,011	cagb	cash	1,609,805.46
sl	Altran Technologies SA	2019-07-30	2019-08-01	23,211	caeu	cash	335,311.37
sl	Euro	2019-07-30	2019-07-30	79	caus	cash	87.75
wd	Dividend Accrual-GBP	2019-07-31	2019-07-31		cagb	cash	101,427.87
by	Canadian Dollar	2019-07-31	2019-07-31	289,528	caus	cash	219,822.69