BLACK CREEK
INVESTMENT MANAGEMENT INC.

California State Teachers' Retirement System

07/31/2020

California State Teachers' Retirement System

Holding Details | 07/31/2020

Quantity	Security	Cost	Local Price	Net Amount Local	Market Value	Percent of Assets	Risk Country	Sector Name	Industry Name
Cash and Equiv.									
(34,790.21)	British Pound	$ (45,369.91)	1.00	(34,790.21)	$ (45,662.15)	(0.1 %)	United Kingdom	Cash & Equivalents	Cash & Equivalents
1,301,980.65	Euro	$ 1,535,621.08	1.00	1,301,980.65	$ 1,539,592.12	2.1 %	Europe	Cash & Equivalents	Cash & Equivalents
(133,475.20)	Switzerland Franc	$ (146,378.46)	1.00	(133,475.20)	$ (146,724.41)	(0.2 %)	Switzerland	Cash & Equivalents	Cash & Equivalents
1,662,698.02	United States Dollar	$ 1,662,698.02		1,662,698.02	$ 1,662,698.02	2.2 %	United States	Cash & Equivalents	Cash & Equivalents
Sub Total		**$ 3,006,570.72**			**$ 3,009,903.57**	**4.0 %**			
Equity									
89,220.00	Accor SA	$ 2,473,471.31	21.24	1,895,032.80	$ 2,240,876.29	3.0 %	France	Consumer Discretionary	Consumer Services
1,260,446.00	Aryzta Ag	$ 5,356,219.84	0.58	727,907.57	$ 800,162.21	1.1 %	Switzerland	Consumer Staples	Food, Beverage & Tobacco
165,854.00	Assicurazioni Generali SpA	$ 3,013,623.93	12.66	2,099,711.64	$ 2,482,909.01	3.3 %	Italy	Financials	Insurance
700,013.00	BAE Systems Plc	$ 5,484,569.48	4.90	3,431,463.73	$ 4,503,796.14	6.0 %	United Kingdom	Industrials	Capital Goods
33,772.00	Basilea Pharmaceutica AG	$ 2,553,111.60	43.54	1,470,432.88	$ 1,616,393.18	2.2 %	Switzerland	Health Care	Pharmaceuticals, Biotechnology & Life Sciences
178,890.00	Boskalis Westminster	$ 5,471,600.59	15.97	2,856,873.30	$ 3,378,252.68	4.5 %	Netherlands	Industrials	Capital Goods
250,753.00	Cameco Corp	$ 2,365,613.11	13.62	3,415,255.86	$ 2,549,649.76	3.4 %	Canada	Energy	Energy
32,499.00	Cap Gemini SA	$ 3,525,944.79	109.50	3,558,640.50	$ 4,208,092.39	5.6 %	France	Information Technology	Software & Services
110,227.00	FBD Holdings plc	$ 861,859.77	6.64	731,907.28	$ 865,480.36	1.2 %	Ireland	Financials	Insurance
269,264.00	Galp Energia SA	$ 3,828,944.83	8.90	2,396,449.60	$ 2,833,801.65	3.8 %	Portugal	Energy	Energy
195,145.00	Glanbia PLC	$ 3,390,692.29	10.27	2,004,139.15	$ 2,369,894.54	3.2 %	Ireland	Consumer Staples	Food, Beverage & Tobacco
101,367.00	GlaxoSmithKline PLC	$ 2,164,371.91	15.30	1,550,712.37	$ 2,035,309.98	2.7 %	United Kingdom	Health Care	Pharmaceuticals, Biotechnology & Life Sciences

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Quantity	Security	Cost	Local Price	Net Amount Local	Market Value	Percent of Assets	Risk Country	Sector Name	Industry Name
164,435.00	Grifols SA (ADR)	$ 3,216,361.23	18.87	3,102,888.45	$ 3,102,888.45	4.2 %	Spain	Health Care	Pharmaceuticals, Biotechnology & Life Sciences
68,600.00	HeidelbergCement AG	$ 6,031,683.17	47.20	3,237,920.00	$ 3,828,840.40	5.1 %	Germany	Materials	Materials
63,780.00	Hugo Boss AG	$ 2,415,194.76	23.12	1,474,593.60	$ 1,743,706.93	2.3 %	Germany	Consumer Discretionary	Consumer Durables & Apparel
22,958.00	Ipsen SA	$ 1,810,201.83	81.70	1,875,668.60	$ 2,217,978.12	3.0 %	France	Health Care	Pharmaceuticals, Biotechnology & Life Sciences
5,593,395.00	Lloyds Banking Group PLC	$ 3,611,045.36	0.26	1,470,223.88	$ 1,929,668.84	2.6 %	United Kingdom	Financials	Banks
871,544.00	Morgan Advanced Materials PLC	$ 3,365,017.66	2.17	1,891,250.48	$ 2,482,266.26	3.3 %	United Kingdom	Industrials	Capital Goods
109,679.00	NOF Corp	$ 3,490,439.91	3,930.00	431,038,470.00	$ 4,076,784.92	5.5 %	Japan	Materials	Materials
131,390.00	Nutrien Ltd	$ 5,650,346.57	43.62	5,731,231.80	$ 4,278,635.16	5.7 %	Canada	Materials	Materials
122,191.00	Santen Pharmaceutical Co Ltd.	$ 2,018,801.66	1,780.00	217,499,980.00	$ 2,057,126.45	2.8 %	Japan	Health Care	Pharmaceuticals, Biotechnology & Life Sciences
18,841.00	Schneider Electric SE	$ 1,557,400.27	98.24	1,850,939.84	$ 2,188,736.36	2.9 %	France	Industrials	Capital Goods
169,607.00	STMicroelectronics NV	$ 2,836,523.92	23.81	4,038,342.67	$ 4,775,340.21	6.4 %	Netherlands	Information Technology	Semiconductors & Semiconductor Equipment
500,843.00	Tate & Lyle Plc	$ 3,919,243.10	6.51	3,261,489.62	$ 4,280,705.12	5.7 %	United Kingdom	Consumer Staples	Food, Beverage & Tobacco
208,519.00	Wienerberger AG	$ 4,258,611.17	19.47	4,059,864.93	$ 4,800,790.28	6.4 %	Austria	Materials	Materials
Sub Total		**$ 84,670,894.06**			**$ 71,648,085.71**	**96.0 %**			
Total Portfolio		**$ 87,677,464.78**			**$ 74,657,989.28**	**100.0 %**			

California State Teachers' Retirement System

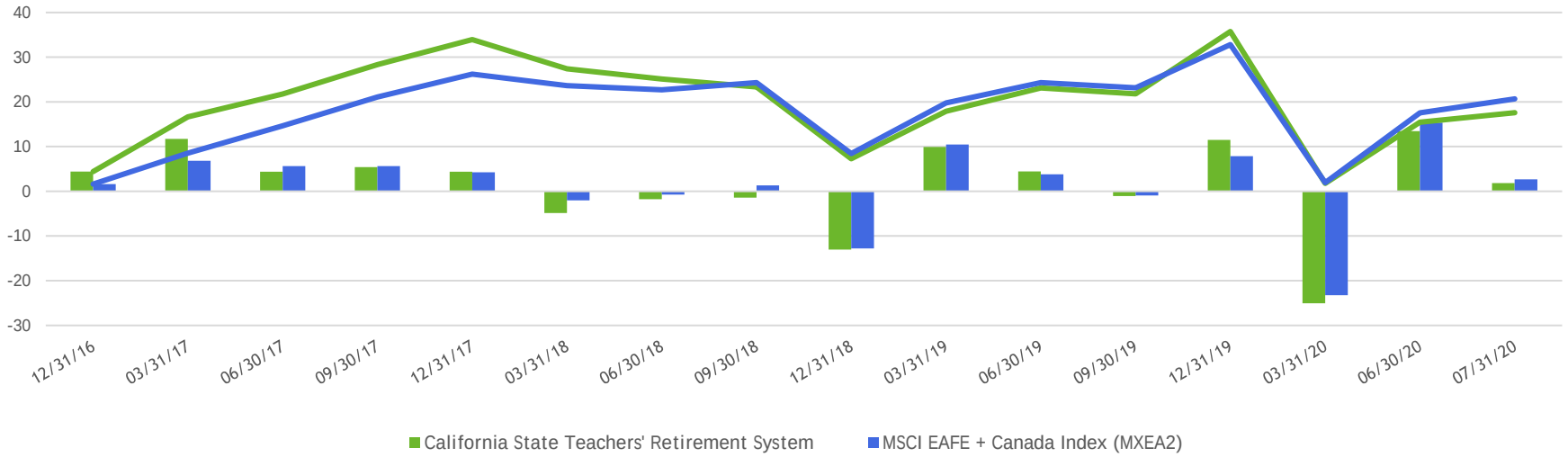
Performance Overview | 07/31/2020

Performance

	Month to Date	Quarter to Date	Year to Date	1 Year	3 Year Annualized	Since Inception Annualized
Total Portfolio	1.83 %	1.83 %	(13.39 %)	(3.53 %)	(2.18 %)	4.41 %
MSCI EAFE + Canada Index (MXEA2)	2.66 %	2.66 %	(9.13 %)	(1.72 %)	0.74 %	5.14 %

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

Time Weighted Return

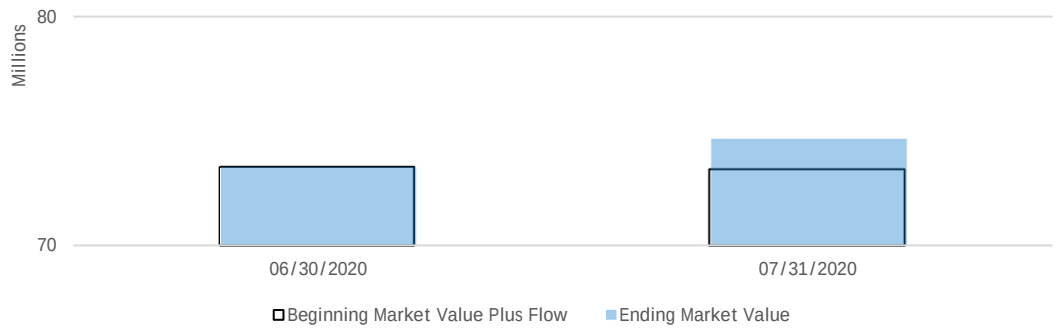


Performance is gross of fees

California State Teachers' Retirement System

Portfolio Overview | 07/31/2020

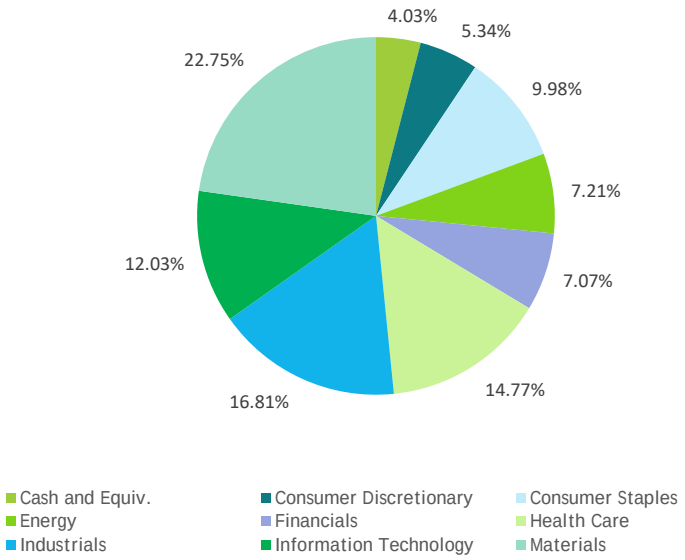
Change in Portfolio



Activity Summary

	Month to Date
Beginning Value	**73,418,752.05**
Net Contributions / Withdrawals	(105,934.54)
Realized Gains	50,653.49
Unrealized Gains	1,293,304.33
Income Received	1,213.95
Ending Value	**74,657,989.28**

Portfolio Allocation



	Sector	Market Value	Percent of Assets	Current Yield
	Cash and Equiv.	$ 3,009,903.57	4.03 %	0.00 %
	Consumer Discretionary	$ 3,984,583.22	5.34 %	0.06 %
	Consumer Staples	$ 7,450,761.88	9.98 %	0.14 %
	Energy	$ 5,383,451.42	7.21 %	0.00 %
	Financials	$ 5,278,058.21	7.07 %	0.01 %
	Health Care	$ 11,029,696.19	14.77 %	0.01 %
	Industrials	$ 12,553,051.43	16.81 %	0.00 %
	Information Technology	$ 8,983,432.60	12.03 %	0.00 %
	Materials	$ 16,985,050.77	22.75 %	0.01 %
Total		**$ 74,657,989.28**	**100.00 %**	**0.23 %**

California State Teachers' Retirement System

Transaction Details | 06/30/20 - 07/31/20

Transaction Code	Security Name	Trade Date	Settle Date	Quantity	Trade Amount
sl	Japanese Yen	06/30/2020	06/30/2020	4,277,481	$ 39,648.85
sl	Euro	06/30/2020	06/30/2020	415,825	$ 465,869.29
by	Hugo Boss AG	06/30/2020	07/02/2020	1,488	$ 44,969.99
by	Hugo Boss AG	06/30/2020	07/02/2020	1,786	$ 54,111.76
by	Hugo Boss AG	06/30/2020	07/02/2020	1,428	$ 43,169.67
by	Cameco Corp	06/30/2020	07/03/2020	30,000	$ 303,823.79
dv	Nutrien Ltd	07/01/2020	07/17/2020		$ (59,125.50)
dv	Nutrien Ltd	07/01/2020	07/17/2020		$ 59,402.29
in	United States Dollar	07/01/2020	07/02/2020	718	$ 717.66
by	Euro	07/02/2020	07/02/2020	48,179	$ 54,230.76
by	Euro	07/02/2020	07/02/2020	40,039	$ 45,044.87
by	Euro	07/02/2020	07/02/2020	38,436	$ 43,264.61
by	Hugo Boss AG	07/02/2020	07/06/2020	298	$ 9,035.62
lo	United States Dollar	07/02/2020	07/02/2020	105,935	$ 105,934.54
by	Canadian Dollar	07/03/2020	07/03/2020	413,808	$ 304,900.57
by	Cameco Corp	07/03/2020	07/07/2020	15,000	$ 155,043.46
sl	ASM International NV	07/03/2020	07/07/2020	2,000	$ 313,605.94
by	Euro	07/06/2020	07/06/2020	8,047	$ 9,081.25
sl	Euro	07/07/2020	07/07/2020	278,947	$ 315,639.46
by	Canadian Dollar	07/07/2020	07/07/2020	210,502	$ 155,501.59
wd	Dividend Accrual-GBP	07/09/2020	07/09/2020	17,347	$ 21,486.15
sl	Euro	07/09/2020	07/09/2020	192	$ 217.63
by	FBD Holdings plc	07/10/2020	07/14/2020	10,000	$ 75,495.36
by	Galp Energia SA	07/10/2020	07/14/2020	25,000	$ 295,665.31
sl	Santen Pharmaceutical Co Ltd.	07/13/2020	07/15/2020	10,000	$ 173,081.83
by	GlaxoSmithKline PLC	07/14/2020	07/14/2020	1,066	$ 21,734.29
by	Euro	07/14/2020	07/14/2020	261,223	$ 295,503.35
by	Euro	07/14/2020	07/14/2020	66,701	$ 75,535.38
sl	Japanese Yen	07/15/2020	07/15/2020	18,567,352	$ 173,057.63
sl	Cap Gemini SA	07/16/2020	07/20/2020	4,000	$ 486,375.07

California State Teachers' Retirement System

Transaction Details | 06/30/20 - 07/31/20

Transaction Code	Security Name	Trade Date	Settle Date	Quantity	Trade Amount
dv	Cap Gemini SA	07/17/2020	07/17/2020		$ 219.51
wd	Dividend Accrual-EUR	07/17/2020	07/17/2020	192	$ 219.51
wd	Dividend Accrual-CAD	07/17/2020	07/17/2020	80,576	$ 59,402.29
sl	Canadian Dollar	07/20/2020	07/20/2020	80,576	$ 59,308.28
sl	Euro	07/20/2020	07/20/2020	425,469	$ 485,783.67
sl	ASM International NV	07/22/2020	07/24/2020	3,000	$ 500,677.73
sl	Euro	07/24/2020	07/24/2020	431,879	$ 499,965.13
by	Cameco Corp	07/29/2020	07/31/2020	27,000	$ 284,362.80
sl	ASM International NV	07/30/2020	08/03/2020	10,037	$ 1,535,621.08
by	GlaxoSmithKline PLC	07/30/2020	08/03/2020	5,993	$ 121,398.73
by	GlaxoSmithKline PLC	07/30/2020	08/03/2020	3,007	$ 59,826.24
by	Basilea Pharmaceutica AG	07/30/2020	08/03/2020	3,000	$ 146,378.46
wd	Dividend Accrual-GBP	07/31/2020	07/31/2020	104,175	$ 136,730.13
by	Canadian Dollar	07/31/2020	07/31/2020	379,752	$ 284,486.35