## City of Hollywood Employees' Retirement Fund Preliminary Market Value Update as of February 29, 2016

	Market Value	Percent of Total Plan	Target Allocation
Domestic Equity - Large Cap	\$68,044,618	23.9%	25.0%
Northern Trust	\$68,044,618	23.9%	
Domestic Equity - Small Cap	\$36,123,875	12.7%	12.5%
TSW	\$17,920,583	6.3%	
Frontier Capital	\$18,203,292	6.4%	
International Equity	\$53,237,372	18.7%	20.0%
Wellington	\$38,821,076	13.6%	
Brandes	\$14,416,296	5.1%	
Fixed	\$89,472,371	31.4%	32.5%
Neuberger & Berman	\$38,308,674	13.5%	
Baird Advisors	\$51,163,697	18.0%	
Real Estate	\$37,889,931	13.3%	10.0%
Morgan Stanley	\$28,896,115	10.1%	
Principal	\$8,993,816	3.2%	
Total Fund	\$284,768,167	100.0%	100.0%

## City of Hollywood Employees' Retirement Fund Preliminary Performance Update as of February 29, 2016

	Quarter ended	1 Month ended	1 Month ended	Fiscal YTD	Market Value	Percent of Total Plan
	December 31, 2015	January 31, 2016	February 29, 2016	February 29, 2016	February 29, 2016	February 29, 2016
Domestic Equity Northern Trust S&P 500	7.05%	-4.98%	-0.17%	1.54%	¢60 044 640	00.00/
					\$68,044,618	23.9%
Northern Trust - net	7.04%	-4.98%	-0.17%	1.53%		
S&P 500 Index	7.05%	-4.96%	-0.13%	1.61%		
TSW	2.04%	-6.07%	3.08%	-1.21%	\$17,920,583	6.3%
TSW - net	1.83%	-6.14%	3.01%	-1.54%		
Russell 2500 Value Index	2.78%	<b>-6</b> .13%	1.08%	-2.48%		
Frontier Capital	5.67%	-8.74%	3.84%	0.14%	\$18,203,292	6.4%
Frontier Capital - net	5.48%	-8.80%	3.78%	-0.17%	<i>••••</i> , <i>-••</i> , <i>-•-</i>	
Russell 2500 Growth Index	3.81%	-9.89%	0.30%	-6.18%		
International Equity						
International Equity Wellington	3.89%	-7.53%	-0.88%	-4.77%	\$38,821,076	13.6%
-	3.71%	-7.59%	-0.94%	-4.77%	φ30,021,070	13.0 %
Wellington- net	3.25%	-6.80%	-0.94% -1.14%	-3.06%		
MSCI ACWI - ex US (net)						
Brandes	5.28%	-5.80%	1.83%	0.99%	\$14,416,296	5.1%
Brandes - net	5.04%	-5.88%	1.75%	0.59%		
MSCI EAFE Small Cap (net)	6.79%	-7.86%	-0.12%	-1.73%		
Fixed						
Neuberger & Berman	-0.46%	0.85%	0.51%	0.90%	\$38,308,674	13.5%
Neuberger & Berman - net	-0.53%	0.83%	0.49%	0.77%		
Barclays Intermediate Gov't/Credit Index	-0.69%	1.22%	0.49%	1.02%		
Baird Advisors	-0.91%	1.22%	0.82%	1.12%	\$51,163,697	18.0%
Baird Advisors - net	-0.98%	1.20%	0.80%	1.01%	φ01,100,001	10.070
Barclays Aggregate Index	-0.56%	1.38%	0.71%	1.53%		
<u>Real Estate</u> Morgan Stanley*	3.30%	0.00%	0.00%	3.30%	\$28,896,115	10.1%
	3.09%	0.00%	0.00%	3.09%	\$28,890,115	10.176
Morgan Stanley - net NCREIF ODCE (ew) Index	3.43%	0.00%	0.00%	3.43%		
NCREIF ODCE (ew) Index	3.43%	0.00%	0.00%	3.43%		
Principal*	7.06%	0.00%	0.00%	7.05%	\$8,993,816	3.2%
Principal - net	6.73%	0.00%	0.00%	6.73%		
NCREIF Property Index	2.91%	0.00%	0.00%	2.91%		
Total Fund	3 340/	2 240/	0 E70/	0 500/	¢004 700 407	400.00/
Total Fund <i>Total Fund - net</i>	3.31% 3.22%	-3.21%	0.57% 0.53%	0.56% 0.48%	\$284,768,167	100.0%
		-3.25%				
Policy Index**	3.16%	-3.18%	0.02%	-0.37%		
Asset Class		Market value	<u>% of Plan</u>	<u>Target</u>	<u>Ranges</u>	
Large Cap Equity		\$ 68,044,618	23.9%	25.0%	20-30%	
Small Cap Equity		\$ 36,123,875	12.7%	12.5%	7.5-17.5%	
International Equity		\$ 53,237,372	18.7%	20.0%	15-25%	
Fixed Income		\$ 33,237,372 \$ 89,472,371	31.4%	32.5%	22.5-42.5%	
			13.3%	52.5% 10.0%	5-15%	
Real Estate		\$ 37,889,931 \$ 294,769,167			5-15%	_
Total Fund		\$ 284,768,167	100.0%	100.0%		

Note: Monthly performance is preliminary and provided by investment managers. The Total Fund return is a weighted average of the returns provided.

\*Performance is calculated on a quarterly basis. \*\* Policy Index: (Nov 13-current) 30% S&P 500, 12.5% R2500, 15% MSCI ACWI ex US (net), 32.5% Barclays Intermediate Aggregate, 7.5% NCREIF ODCE (ew), 2.5% NCREIF NPI (May 13-Oct 13) 32.5% S&P 500, 12.5% Russell 2000, 15% MSCI ACWI ex US (net), 32.5% Barclays Intermediate Aggregate, 7.5% NCREIF ODCE (ew), 2.5% NCREIF NPI (May 13-Oct 13) 32.5% S&P 500, 12.5% Russell 2000, 15% MSCI ACWI ex US (net), 32.5% Barclays Intermediate Aggregate, 7.5% NCREIF ODCE (ew), 2.5% NCREIF NPI (May 13-Oct 13) 32.5% S&P 500, 12.5% Russell 2000, 15% MSCI ACWI ex US (net), 32.5% Barclays Intermediate Aggregate, 7.5% NCREIF ODCE (ew), 2.5% NCREIF NPI (May 13-Oct 13) 32.5% S&P 500, 12.5% Russell 2000, 15% MSCI ACWI ex US (net), 32.5% Barclays Intermediate Aggregate, 7.5% NCREIF NPI (May 13-Oct 13) 32.5% S&P 500, 12.5% Russell 2000, 15% MSCI ACWI ex US (net), 32.5% Barclays Intermediate Aggregate, 7.5% NCREIF NPI (May 13-Oct 13) 32.5% S&P 500, 12.5% Russell 2000, 15% MSCI ACWI ex US (net), 32.5% Barclays Intermediate Aggregate, 7.5% NCREIF NPI (May 13-Oct 13) 32.5% S&P 500, 12.5% Russell 2000, 15% MSCI ACWI ex US (net), 32.5% Barclays Intermediate Aggregate, 7.5% NCREIF NPI (May 13-Oct 13) 32.5% S&P 500, 12.5% Russell 2000, 15% MSCI ACWI ex US (net), 32.5% Barclays Intermediate Aggregate, 7.5% NCREIF NPI (May 13-Oct 13) 32.5% Russell 2000, 15% MSCI ACWI ex US (net), 32.5% Barclays Intermediate Aggregate, 7.5% NCREIF NPI (May 13-Oct 13) 32.5% Russell 2000, 15% MSCI ACWI ex US (net), 32.5% Russell 2000, 15% MSCI ACWI ex US (net), 32.5% Russell 2000, 15% MSCI ACWI ex US (net), 32.5% Russell 2000, 15% MSCI ACWI ex US (net), 32.5% Russell 2000, 15% MSCI ACWI ex US (net), 32.5% Russell 2000, 15% MSCI ACWI ex US (net), 32.5% Russell 2000, 15% Russell

# City of Hollywood Employees' Retirement Fund Preliminary Performance Update as of February 29, 2016

	Quarter ended	Quarter ended	Quarter ended	Quarter ended	1 Month ended	1 Month ended	Calendar YTD
	March 31, 2015	June 30, 2015	September 30, 2015	December 31, 2015	January 31, 2016	February 29, 2016	February 29, 2016
Domestic Equity		,					
Northern Trust	0.95%	0.29%	-6.44%	7.05%	-4.98%	-0.17%	-5.14%
S&P 500 Index	0.95%	0.28%	-6.43%	7.05%	-4.96%	<i>-0.13%</i>	- <u>5.08%</u>
TSW SMID	5.63%	-1.25%	-7.02%	2.04%	-6.07%	3.08%	-3.18%
Russell 2500 Value Index	<u>3.02</u> %	-1.28%	-9.59%	2.78%	-6.13%	1.08%	-5.12%
Frontier Capital	6.34%	-0.54%	-15.67%	5.67%	-8.74%	3.84%	-5.23%
Russell 2500 Growth Index	7.44%	<i>0.60%</i>	<i>-11.05%</i>	<u>3.81%</u>	- <u>9.89%</u>	0.30%	-9.62 <i>%</i>
International Equity							
Wellington	4.51%	1.41%	-7.54%	3.89%	-7.53%	-0.88%	-8.34%
MSCI ACWI ex-US Index	<u>3.49%</u>	<i>0.53%</i>	-12.15%	3.25%	-6.80%	-1.14%	-7.86%
Brandes	N/A	N/A	-3.68%	5.28%	-5.80%	1.83%	-4.08%
MSCI EAFE Small Cap (net)	N/A	N/A	-6.82%	6.79%	-7.86%	<i>-0.12%</i>	-7.97%
Fixed							
Neuberger & Berman	1.31%	-0.63%	0.73%	-0.46%	0.85%	0.51%	1.36%
Barclays Intermediate Gov't/Credit Index	1.47%	-0.63%	0.95%	- <u>0.69%</u>	1.22%	<i>0.49%</i>	1.72%
Baird Advisors	1.80%	-1.67%	1.24%	-0.91%	1.22%	0.82%	2.05%
Barclays Aggregate Index	1.61%	-1.68%	1.24%	-0.56%	1.38%	0.71%	2.10%
<u>Real Estate</u> Morgan Stanley NCREIF ODCE (ew) Index	3.18% <u>3.40%</u>	4.42% 3.92%	3.79% 3.63%	3.30% 3.43%	0.00% 0.00%	0.00% <i>0.00%</i>	0.00% <i>0.00%</i>
Principal	3.93%	5.07%	4.16%	7.06%	0.00%	0.00%	0.00%
NCREIF Property Index	3.57%	3.14%	3.09%	2.91%	0.00%	0.00%	0.00%

# Investment Manager Fee Table Period Ended February 29, 2016

Manager	<u>Mandate</u>	N	larket Value	Fee Schedule	<u>Esti</u>	mated Annual Fee (\$)	Estimated Annual Fee (%)
Northern Trust	Passive Large Cap Equity	\$	68,044,618	3.5 bps on assets	\$	23,816	0.04%
TSW	SMID Cap Value Equity	\$	17,920,583	80 bps on assets	\$	143,365	0.80%
Frontier Capital	SMID Cap Growth Equity	\$	18,203,292	75 bps on assets	\$	136,525	0.75%
Wellington	International Equity	\$	38,821,076	71 bps on assets	\$	275,630	0.71%
Brandes	International Small Cap Equity	\$	14,416,296	95 bps on first \$25MM, 90 bps on next \$25MM, 80 bps on balance	\$	136,955	0.95%
Neuberger & Berman	Intermediate Fixed Income	\$	38,308,674	30 bps on first \$50MM, 20 bps on next \$50mm, 15 bps on balance	\$	114,926	0.30%
Baird Advisors	Core Plus Fixed Income	\$	51,163,697	30 bps on first \$25MM, 25 bps on next \$25MM, 20 bps on next \$20MM, 15 bps on balance	\$	140,409	0.27%
Morgan Stanley	Real Estate	\$	28,896,115	84 basis points base fee, plus a monthly accrued performance based fee equal to 5% multiplied by NAV multiplied by comparable property NOI growth for the month	\$	242,727	0.84%
Principal*	Real Estate	\$	8,993,816	130 bps on assets + incentive fee	\$	116,920	1.30%
Investment Management Fees		\$	284,768,167		\$	1,331,272	0.47%
Segal Rogerscasey	Investment Consulting			\$130,000 annual retainer	\$	130,000	0.05%
Wells Fargo	Custodian	\$	284,768,167	2 bps on first \$50MM, 1 bps on next \$75MM, 0.5 bps on balance	\$	25,488	0.01%
TOTAL FEES					\$	1,486,760	0.52%

\*Incentive fee is equal to 15% of the profits in excess of an 11% net IRR to investors.

### **Monthly Market Highlights**

#### U.S. Economy

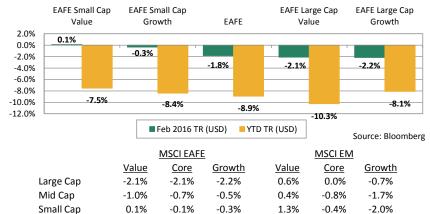
- The U.S. unemployment rate was unchanged from January at 4.9%. The labor force participation rate increased by 0.2% to 62.9%. Nonfarm payrolls grew by 242,000 jobs. December and January employment gains were revised upward.
- The University of Michigan Consumer Sentiment Index declined from 92.0 in January to 91.7 in February. Views on present conditions improved, while expectations decreased.
- The Purchasing Manager's Index (PMI) ended February at 49.5. A reading under 50 indicates that manufacturing growth declined.

		<u>Value</u>	Core	<u>Growth</u>
U.S. Equity 🍼	Large Cap	0.0%	0.0%	0.0%
The Russell style and size index returns:	Mid Cap	0.7%	1.1%	1.6%
- The Russell style and size index returns.	Small Cap	0.7%	0.0%	-0.7%

- The Russell 3000 Index (0.0%) was flat in February. Size and style returns were mixed. Mid cap stocks posted the best returns, with a bias toward growth. The style preference in the small cap space was to value. Large cap returns were flat across the board.
- Sector returns were also mixed. The best performers were Materials (7.6%) and Industrials (4.0%), while Financials (-2.9%) and Energy (-1.9%) fared the worst.

### Non-U.S. Equity [] (All returns in USD unless otherwise stated.)

- The MSCI EAFE Index (-1.8% USD; -3.5% local) declined. In early February, developed market equities fell to a low unseen since 2008, but markets rallied mid-month on improving investor confidence. All size and style indices were negative except Small Cap Value (0.1%).
- All regional indices fell, but Europe ex U.K. (-2.1%) lost the most. Many negative country returns contributed to this loss, including February's worst performers of the EAFE Index, Portugal (-7.4%) and Belgium (-7.1%). New Zealand (5.6%) and Canada (3.9%) outperformed all other countries in the EAFE.
- Materials (3.7%), Energy (0.9%) and Industrials (0.8%) were the only sectors to post gains in February. Financials (-4.9%) and Consumer Discretionary (-3.0%) declined the most.



#### **EAFE Index Size and Style Returns**

#### (All returns in USD unless otherwise stated.) Emerging Markets Equity 👎

- The MSCI EM Index (-0.2% USD; 0.1% local) registered weak returns, but outperformed the MSCI World Index (-0.7% USD; -1.5% local), as expectations for stimulus measures in China helped commodity-linked stocks rally. Small Cap Value (1.3%) posted the best style return.
- Latin America (3.8%) increased, buoyed by solid gains in Peru (8.5%) and Brazil (6.3%). EMEA (2.0%) also gained, as the UAE (12.7%) and Qatar (7.9%) registered strong returns due to a rebound in oil prices. Asia (-1.3%) fell, hurt mostly by India (-7.4%).
- Sector returns were mixed. Materials (6.8%) and Energy (1.7%) were the strongest performers, while Healthcare (-4.1%) declined the most.

#### U.S. Fixed Income 🎦

- Core fixed income markets gained, as measured by the BC Aggregate (Agg) Index (0.7%).
- BC Agg spread sectors posted mixed results relative to Treasuries:

#### -14 bps CMBS: 5 bps ABS: 0 bps

The U.S. Treasury yield tightened across the curve, with the exception of 1-year and 2-year Treasuries, which expanded by 15 bps and 2 bps, respectively. Spread compression can be attributed to market volatility caused by weak global growth and heightened uncertainty surrounding the political landscape and central bank policy.

> BC Long Gov/Credit BC 1-3 Year Gov/Credit BC Intermed Gov/Credit 0.1% 0.5% 2.2%

- The BC Corporate High Yield Index (0.6%) gained. The average OAS narrowed by 8 bps to end February at 726 bps.
- The BC U.S. TIPS Index (1.1%) posted a positive return.

### Non-U.S. Fixed Income

- The Citigroup Non-U.S. WGBI Index increased on both a currency-hedged (1.4%) and currency-unhedged (4.0%) basis.
- Emerging market debt was positive per the JPM EMBI Global Index (2.0%).

#### Commodities 💐

- Commodities fell, as measured by the Bloomberg Commodity Index (-1.6%) and the S&P GSCI (-2.0%). Sector performance was mixed. Agriculture and Energy declined, while Industrial Metals, Precious Metals and Livestock fared well. Precious Metals (9.0% BCOM; 10.0% GSCI) saw strong gains, as investors turned to gold amidst stock market uncertainty.
- The price of crude oil rose slightly, but remained steady from January at \$34/barrel when rounded to the nearest dollar. The price of gold increased from \$1,118/troy ounce in January to \$1,239/troy ounce in February.

#### Hedge Funds 💔

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- The HFRI Fund Weighted Composite Index (0.5%) increased.
- The HFRI Fund of Funds Composite Index (-1.2%) declined.
- The major hedge fund strategies posted mixed results for the month.

	Month	YTD
HFRI Equity Hedge Index	-0.2%	-4.6%
HFRI Relative Value Index	0.0%	-1.6%
HFRI Event-Driven Index	-0.3%	-3.4%
HFRI Emerging Markets Index	0.3%	-5.2%
HFRI Macro Index	1.9%	3.1%

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