### UNIVERSIDAD DE LIMA

Facultad de Ciencias Empresariales y Económicas Carrera de Economia Laboratorio de Mercado de Capitales

## **MILA**

Chilean Peso (CLP)

Mexican Pe

110

Base

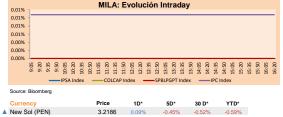
Instrument

Colombian Peso (COP)

## **PULSO BURSÁTIL**



	Main Indices	Close	1 D	5 D	1 M	YTD	Market Cap. (US\$ bill)
	IPSA (Chile)	5,709.80	0.07%	1.62%	16.83%	2.61%	226.88
	IGPA (Chile)	28,718.87	0.08%	1.77%	16.67%	2.64%	261.30
	IGBC (Colombia)	11,882.97	0.25%	3.53%	9.30%	3.53%	111.03
	COLCAP (Colombia)	1,547.31	0.11%	2.22%	6.76%	2.22%	112.73
▼	S&P/BVL (Perú)*	20,547.98	0.00%	1.32%	6.84%	2.87%	109.70
	S&P/BVL SEL (Perú)	377.94	0.02%	1.13%	7.05%	2.69%	87.60
	S&P/BVL LIMA 25	31,805.11	0.43%	2.03%	5.89%	3.37%	101.74
▼	IPC (México)	49,701.37	-0.59%	-0.66%	4.47%	0.70%	310.04
▼	S&P MILA 40	761.53	-0.23%	2.07%	17.66%	4.45%	326.35
	* Market Cap. Of the last price		*Legend: Variatio	in 1D: 1 day; 5D	: 5 days, 1M: 1	Month; YTD: \	/ar%12/31/16 to date



0.44%

0.07

21.nov 24.nov 27.nov

Price

608.05

09.nov 12.nov

2.910.20

so (MXN) 19.24 tion 1D: 1 day; 5D: 5 days, 1M: 1 Month

31.oct

10/10/17=100 Source: Bloomberg Fixed Income

03.nov 06.nov 15.nov 18.nov

Currence

Largest gains	Exchange	Amt.	Price	▲%
PEHUENCHE	Santia.	CLP	2200.00	4.76
WATTS	Santia.	CLP	1236.90	4.38
RELAPAC1	Lima	PEN	0.36	3.48
FOSFOROS	Santia.	CLP	1240.00	3.33
Per Turnover		Exchange	Amount (	US\$)
ECOPETROL		Colomb.	22,519,7	772
SQM-B		Santia.	19,029,5	553
BSANTANDER		Santia.	11,910,6	613
CENCOSUD		Santia.	10,702,5	533
COPEC		Santia	9.579.7	76

#### MILA

-1.20% -2.57%

-2.13%

Duration

-7.13%

-3.34%

33.dic 36.dic 39.dic 12.dic 15.dic 18.dic 21.dic

Ask Yield

-0.76%

1 = 40 YTD: Var%12/31/16 to MILA: Foreign Exchange Indices (3 months)

**Bid Yield** 

Equity

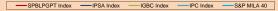
Peru: The General Index of the BVL of Peru ended today's session with a negative result. The index maintains a cumulative positive annual trend of + 2.87% in local currency, while the adjusted return on foreign currency is + 3.49%. Then, the S & P / BVL Peru SEL obtained a positive return of + 0.02%, while the S & P / BVL LIMA 25 grew + 0.43%. The spot PEN reached S / 3.2185.

Chile: The IPSA index ended the day with a positive result of + 0.07%. The sectors of the index with the upward results were industrial (+ 0.86%) and Finance (+ 0.72%). On the other hand, the values with the most positive results were Sigdo Koppers SA (+ 2.74%) and Inversiones La Construcción SA (+ 2.43%).

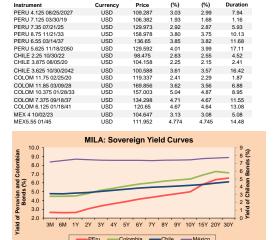
Colombia: The COLCAP index closed the session with positive results of + 0.11%. The sectors with upward yields were Energy (+ 1.95%) and Public Services (+ 0.33%). In addition, the stocks with the highest yields were Grupo de Inversiones Sudamericana (+ 2.94%) and Ecopetrol SA (+ 2.20%).

Mexico: Mexico's IPC index closed today's session with a negative result of -0.59%. The sectors of the index that generated the lowest results were Products of first necessity (-2.30%) and Materials (-1.77%). Finally, the stocks with the highest yields were Wal Mart de Mexico SAB de CV (-3.41%) and Nemak SAB de CV (-2.62%).





	Base: 13/07/17=100							
	Source: Bloomberg							
	ETFs	Curr.	Close	1D	5D	30 D	YTD	Exchange
•	iShares MSCI All Peru Caped Index Fund	USD	42.03	-0.50%	0.50%	8.40%	2.56%	NYSE Arca
V	iShares MSCI Chile Capped	USD	54.36	-0.49%	1.13%	24.51%	4.22%	BATS
•	Global X MSCI Colombia	USD	14.89	-1.19%	1.36%	8.18%	3.14%	NYSE Arca
V	iShares MSCI Mexico Capped	USD	50.59	-0.77%	0.42%	2.14%	2.64%	NYSE Arca
V	iShares MSCI Emerging Markets	USD	49.05	-0.16%	2.17%	8.39%	4.10%	NYSE Arca
•	Vanguard FTSE Emerging Markets	USD	47.86	-0.02%	2.48%	8.94%	4.25%	NYSE Arca
•	iShares Core MSCI Emerging Markets	USD	59.16	-0.22%	2.00%	8.54%	3.97%	NYSE Arca
V	iShares JP Morgan Emerging Markets Bonds	USD	62.57	-0.14%	1.53%	6.97%	2.98%	BATS
V	Morgan Stanley Emerging Markets Domestic	USD	7.92	-0.13%	2.06%	4.73%	2.86%	New York

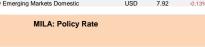


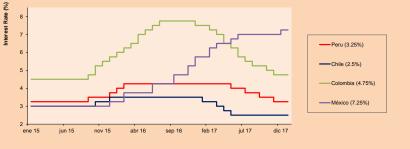
6M 1Y 2Y 3Y 4Y 5Y 6Y 7Y 8Y 9Y 10Y 15Y 20Y 30Y

-Colombia -Chile -

México

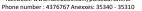
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Source: Bloomberg

Capital Market Laboratory Coodinator: Economist Bruno Bellido Anicama Support: Sebastián Butters, Kaori Olulo, Jairo Trujillo, Mario Villar e-mail: pulsobursatil@ulima.edu.pe facebook; www.facebook.com/pulsobursatil.ul



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Source: Bloomberg



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## WORLD

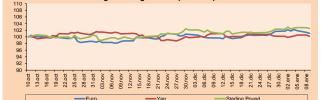
	Main Indices	Close	1 D*	5 D*	1 M*	YTD*	Market Cap. (US\$ Mill.)
	Dow Jones (USA)	25,385.80	0.41%	2.26%	4.34%	2.70%	6,943,629
	Standard & Poor's 500 (USA)	2,751.29	0.13%	2.06%	3.76%	2.91%	24,357,230
	NASDAQ Composite (USA)	7,163.58	0.09%	2.24%	4.73%	3.77%	11,270,531
	Stoxx EUROPE 600 (Europe)	400.11	0.43%	3.03%	2.79%	2.81%	8,938,131
	DAX (Germany)	13,385.59	0.13%	3.99%	1.76%	3.62%	1,048,255
	FTSE 100 (United Kingdom)	7,731.02	0.45%	1.08%	4.56%	0.56%	1,576,527
	CAC 40 (France)	5,523.94	0.67%	4.45%	2.31%	3.98%	1,300,818
	IBEX 35 (Spain)	10,426.50	0.27%	3.45%	1.02%	3.81%	553,761
	MSCI AC Asia Pacific Index	179.88	0.35%	2.46%	6.36%	3.49%	15,368,236
	HANG SENG (Hong kong)	31,011.41	0.36%	1.63%	8.28%	3.65%	3,128,152
	SHANGHAI SE Comp. (China)	3,413.90	0.13%	1.96%	3.77%	3.23%	5,253,843
	NIKKEI 225 (Japon)	23,849.99	0.57%	4.10%	4.55%	4.77%	3,750,394
•	BOVESPA (Brazil)	78,863.54	-0.65%	1.25%	8.43%	3.22%	758,455
•	MERVAL (Argentine)	32,138.59	-0.66%	3.39%	19.73%	6.89%	127,792
	*Legend: Variation 1D: 1 Day; 5D: 5	Days, 1M: 1 Mont	h; YTD: Var.	% 12/31/16 1	o date		

Global Markets: Intraday Evolution (var %)



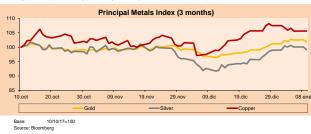
Currency	Price	1 D*	5 D*	1 M*	YTD*
Euro	1.1937	-0.25%	-1.01%	1.39%	-0.57%
Yen	112.6500	-0.39%	0.32%	-0.73%	-0.04%
Sterling Pound	1.3540	-0.21%	-0.37%	1.12%	0.20%
Yuan	6.5297	0.46%	0.57%	-1.38%	0.35%
Hong Kong Dollar	7.8208	0.00%	0.07%	0.19%	0.09%
Brazilean Real	3.2495	0.39%	-0.38%	-1.34%	-1.78%
Argentine Peso	18.9135	-0.55%	2.78%	9.45%	1.56%

Foreign Exchange Indices (3 months)



Base: Source: Bloor 10/10/17=100

Commodities	Close	1 D*	5 D*	1 M*	YTD*
Oro (US\$ Oz. T) (LME)	1,312.78	-0.58%	-0.36%	5.15%	0.75%
Plata (US\$ Oz. T) (LME)	16.97	-0.96%	-1.27%	7.02%	0.19%
Cobre (US\$ TM) (LME)	7,080.00	0.00%	-1.13%	8.31%	-1.76%
Zinc (US\$ TM) (LME)	3,405.00	0.00%	0.96%	10.19%	2.02%
Petroleo WTI (US\$ Barril) (NYM)	63.48	2.83%	5.15%	10.52%	5.06%
Estaño (US\$ TM) (LME)	20,020.00	0.00%	-0.46%	2.55%	-0.38%
Plomo (US\$ TM) (LME)	2,611.75	0.00%	1.29%	6.72%	5.11%
Molibdeno (US\$ TM) (LME)	15,634.00	0.00%	0.01%	-0.03%	-0.03%
Azúcar #11 (US\$ Libra) (NYB-ICE)	14.73	-0.34%	-3.91%	4.84%	-2.84%
Cacao (US\$ TM) (NYB-ICE)	1,899.00	-0.78%	-1.91%	0.64%	0.37%
Café Arábica (US\$ TM) (NYB-ICE)	125.15	0.00%	-3.88%	2.08%	-0.83%



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## PULSO BURSÁTIL

Equity



#### Wall Street (Stocks from S&P 500) Largest gains IBM UN GE UN EQT UN LEN UN USD USD USD USD USD Price Largest le Exchange NASDAQ GS New York NASDAQ GS NASDAQ GS USD USD USD 88.22 58.45 110.39 187.87 New York New York New York New York MSFT UW TXT UN TXN UW FB UW -0.07 0.17 0.68 -0.22 163.83 0.22 1.53 58.7 66.67 Europe (Stocks from STOXX EUROPE 600) Exchange EN Brusse Borsa Italiar Largest gains COFB BB EXO IM EUR EUR Price 109.6 58.85 Largest HSX LN SSE LN Price 1407 1310 GBp VIV FP RPC LN EUR 24.8 846.2 EN Paris VACN SE SUBC NO CH 151.6 131.6 SIX Swiss Ex 4.11 -1.33 GBp Londres Oslo

## **Global Overview**

## United States:

The US stock market finished today with positive results among its main indices, with the \$&P 500 and the Nasdaq Composite recording a sixth consecutive gain for the beginning of 2018. For the \$&P 500, this is a start of the year that does not is seen since 1964. For its part, the Dow Jones Industrial Average was driven by the strong earnings of the Boeing Company, after it was reported that the aircraft manufacturer had a delay in deliveries in 2017, suggesting that Sales in the coming year will be stronger than expected. With the three major benchmarks in positive, confidence in the economy is appreciated, as well as optimism for the saves that have kept the appetite of investors for the shares. In commodity news, oil prices rose on the day, extending their gains to a second consecutive session thanks to the expectations of an eighth consecutive weekly drop in crude oil inventories in the United States. In currency news, the US dollar advanced against its major rivals, but fell against the yen after the bank of Japan reduced its offer to buy back bonds by 5%.

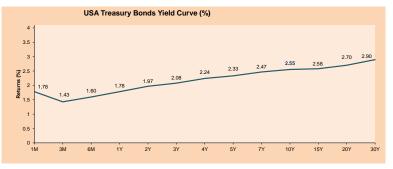
### Europe:

The European totok market closed with positive results among its main indices. European stocks gained ground today, reaching new highs of 2 and a half years thanks to the strong performance in banking and industrial stocks. The European benchmark index "Stocx 600" reached almost 400 points, reaching its highest level since August 2015. The high valuations of these stocks have generated some concerns about possible price speculation. However, specialists claim that if Europe's growth does not disapoint and companies make solid profits, there would be no risk of a possible bubble. Regarding the companies, the German company Siemens led the gains after the industrial production and exports of the country rose more than expected in November. On the other hand, the telecommunications and cable group Altice gained about 3% after the investors saw positively the decision of the company to spill its unit in the US. UU and simplify the structure of the process group. In the United Kingdom, the retail sector took center stage after Morison Supermarkets PLC reported that sales during the holiday season increased by 2.8%. The British Retail Consortium said that retail sales in the United Kingdom rose by 0.6% compared to December 2016.

#### Asia:

The Asian stock market closed with positive results among its main indices. Asian stocks continue to generate positive returns. In Japan, the benchmark index "Nikkei 225' The Asian stock market closed with positive results among its main indices. Asian stocks continue to generate positive returns. In Japan, the benchmark index "Nikkei 225" closed with good results reaching a maximum of 25 qears, matching the regional gains after the holiday. However, stocks retreated a little after the Central Bank of Japan reduced the offer of bonds from 10 to 25 years by 5% to 190 billion yen, which sent the yen up against the dollar. The exchange analyst at National Australia Bank, Rodrigo Catril, said the central bank is trying to stop the "flattening" of the yield curve of Japanese bonds. On the other hand, in Hong Kong, the benchmark "Hang Seng" exceeded 3),000 for the first time since 2007. Multi-year highs were also reached in Singapore, Malaysia and Australia. The Korean reference index "Kosp" did not have the same result, failing today due to a decline in shares of Samsung Electronics after the projected results for the forut fruit of the respectations of analysts. On the other hand, the company "Ailbaba Group Holding Lidt." Informed through its founder tack. Mat that the gain of the "commerce" that possible begins to quote in Hong Kong in response to the invitation of the executive president Carrie Lam. Ma said, "we will definitely consider the Hong Kong market. We hope to invest in Hong Kong in the accompany accompany in the accompany." and improve our participation in the economy

ETFs	Curr.	Close	1D	5D	30 D	YTD	Exchange
SPDR S&P 500 ETF TRUST	USD	274.54	0.23%	2.15%	3.93%	2.88%	NYSE Arca
ISHARES MSCI EMERGING MARKET	USD	49.05	-0.16%	2.17%	8.39%	4.10%	NYSE Arca
ISHARES IBOXX USD HIGH YIELD	USD	87.63	-0.31%	0.33%	0.74%	0.42%	NYSE Arca
FINANCIAL SELECT SECTOR SPDR	USD	28.59	0.78%	2.40%	2.55%	2.44%	NYSE Arca
VANECK VECTORS GOLD MINERS E	USD	23.11	-1.32%	-2.98%	7.46%	-0.56%	NYSE Arca
ISHARES RUSSELL 2000 ETF	USD	154.82	-0.14%	0.60%	2.64%	1.55%	NYSE Arca
SPDR GOLD SHARES	USD	124.73	-0.46%	-0.34%	5.28%	0.87%	NYSE Arca
ISHARES 20+ YEAR TREASURY BO	USD	123.95	-1.34%	-1.23%	-1.96%	-2.29%	NASDAQ GM
POWERSHARES QQQ TRUST SERIES	USD	162.56	0.01%	2.57%	5.30%	4.37%	NASDAQ GM
ISHARES NASDAQ BIOTECHNOLOGY	USD	110.41	1.88%	0.98%	4.21%	3.41%	NASDAQ GM
ENERGY SELECT SECTOR SPDR	USD	75.23	-0.25%	2.42%	9.31%	4.11%	NYSE Arca
PROSHARES ULTRA VIX ST FUTUR	USD	8.96	2.17%	-5.19%	-25.70%	-12.24%	NYSE Arca
UNITED STATES OIL FUND LP	USD	12.57	1.53%	4.14%	9.40%	4.66%	NYSE Arca
ISHARES MSCI BRAZIL ETF	USD	42.34	-0.77%	1.58%	9.69%	4.67%	NYSE Arca
SPDR S&P OIL & GAS EXP & PR	USD	38.71	-0.15%	1.28%	9.87%	4.12%	NYSE Arca
UTILITIES SELECT SECTOR SPDR	USD	51.30	-0.98%	-1.71%	-7.32%	-2.62%	NYSE Arca
ISHARES US REAL ESTATE ETF	USD	78.82	-1.15%	-2.21%	-2.36%	-2.70%	NYSE Arca
SPDR S&P BIOTECH ETF	USD	87.49	2.56%	0.32%	4.29%	3.09%	NYSE Arca
ISHARES IBOXX INVESTMENT GRA	USD	120.44	-0.36%	-0.26%	-0.24%	-0.92%	NYSE Arca
ISHARES JP MORGAN USD EMERGI	USD	116.15	-0.31%	-0.21%	0.86%	0.04%	NASDAQ GM
REAL ESTATE SELECT SECT SPDR	USD	32.12	-1.14%	-1.92%	-2.19%	-2.49%	NYSE Arca
ISHARES CHINA LARGE-CAP ETF	USD	48.57	-0.29%	1.67%	8.77%	5.20%	NYSE Arca
CONSUMER STAPLES SPDR	USD	56.99	-0.14%	0.80%	1.45%	0.18%	NYSE Arca
VANECK VECTORS JUNIOR GOLD M	USD	33.27	-2.00%	-5.32%	9.73%	-2.52%	NYSE Arca
SPDR BBG BARC HIGH YIELD BND	USD	36.90	-0.24%	0.38%	0.83%	0.49%	NYSE Arca
VANGUARD REIT ETF	USD	80.42	-1.29%	-2.72%	-2.81%	-3.09%	NYSE Arca



Source: Bloomberg

Capital Market Laboratory Coodinator: Economist Bruno Bellido Anicama Support: Sebastián Butters, Kaori Olulo, Jairo Trujillo, Mario Villar

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#### Laboratorio de Mercado de Capitales

### LIMA

Stocks

	Ticker	Currency	Price	1D*	5D*	30D*	YTD*	Frequency	Volume (US\$)	Beta	Dividend Yield (%)	Price Earning	Market Cap. (M US\$)	Economic Sector*	Index Weight
	ALICORC1 PE**							Frequency					,		
		S/.	11.25	0.45%	4.65%	10.08%	6.13%	100.00%	3,280,426	0.93	1.24	23.60	2,983.00	Industrial	3.53%
	ATACOBC1 PE**	S/.	0.72	1.41%	2.86%	10.77%	5.88%	100.00%	194,007	2.36	0.00	-	214.59	Mining	1.02%
-	BACKUSI1 PE**	S/.	18.30	0.00%	0.74%	0.25%	0.74%	50.00%	64,177	0.42	4.61	5.31	9,041.73	Industrial	0.82%
<u> </u>	BAP PE**	US\$	219.80	-0.23%	3.17%	6.66%	5.67%	100.00%	95,644	1.06	3.91	-	17,466.80	Diverse	5.82%
•	BVN PE**	US\$	14.21	-0.70%	-2.00%	7.90%	0.64%	100.00%	394,319	1.16	0.59	-	3,911.29	Mining	5.88%
•	CASAGRC1 PE**	S/.	6.03	-1.15%	-1.15%	-1.63%	-2.58%	100.00%	15,550	0.73	6.69	16.10	157.81	Agricultural	1.31%
-	CONTINC1 PE**	S/.	4.35	0.00%	2.35%	8.48%	4.82%	83.33%	7,019	0.82	3.40	15.99	6,599.63	Finance	2.85%
-	CORAREI1 PE**	S/.	0.74	0.00%	2.78%	-2.63%	2.78%	100.00%	79,218	1.54	5.05	9.89	292.01	Industrial	1.72%
	CPACASC1 PE**	S/.	8.11	0.75%	0.75%	0.75%	-0.49%	100.00%	1,236,516	0.64	4.32	30.66	1,075.93	Industrial	2.38%
•	CVERDEC1 PE**	US\$	30.75	-0.16%	3.19%	11.41%	3.54%	100.00%	75,201	1.37	0.00	43.55	10,764.22	Mining	5.25%
▼	ENGEPEC1 PE**	S/.	1.98	-1.00%	-2.46%	-5.71%	0.00%	77.78%	55,537	0.92	3.22	18.98	1,779.78	Public Services	1.44%
-	ENDISPC1**	S/.	5.60	0.00%	-0.71%	0.90%	-0.71%	66.67%	45,411	0.96	3.40	12.09	1,111.03	Public Services	0.98%
	FERREYC1 PE**	S/.	2.59	0.39%	-0.38%	3.60%	1.57%	100.00%	1,162,121	1.17	4.96	9.37	816.23	Diverse	4.90%
	GRAMONC1 PE**	S/.	1.88	1.08%	0.53%	-4.08%	0.53%	94.44%	65,564	1.55	0.00	11.38	385.54	Diverse	4.05%
	IFS PE**	US\$	39.70	0.51%	3.52%	6.15%	3.12%	88.89%	3,316,871	0.59	3.27	14.02	4,490.50	Diverse	7.22%
•	INRETC1 PE**	US\$	20.83	-0.81%	-0.81%	1.61%	-0.81%	100.00%	395,800	1.00	0.93	25.11	2,141.48	Diverse	5.28%
•	LUSURC1 PE**	S/.	12.00	-0.83%	0.00%	1.07%	-0.41%	94.44%	144,893	0.51	5.17	14.06	1,815.51	Public Services	1.81%
•	MILPOC1 PE**	S/.	4.85	-0.21%	3.19%	6.13%	5.43%	100.00%	102,202	1.16	17.67	10.96	1,996.53	Mining	1.56%
-	MINSURI1 PE**	S/.	1.96	0.00%	7.69%	13.29%	8.89%	94.44%	11,570	1.70	3.52	6.85	1,755.63	Mining	3.09%
	PML PE**	US\$	0.33	3.13%	0.61%	12.63%	3.13%	94.44%	35,608	1.32	0.00	-	85.81	Mining	2.12%
	RELAPAC1 PE**	S/.	0.36	3.48%	11.56%	23.96%	15.16%	100.00%	234,355	1.39	0.00	5.49	392.08	Industrial	2.12%
•	SCCO PE**	US\$	49.20	-0.38%	0.84%	16.67%	3.45%	83.33%	363,468		1.20	31.95	38,033.00	Mining	2.14%
▼	SIDERC1 PE**	S/.	0.48	-1.03%	-2.04%	2.56%	0.00%	88.89%	40,309	1.75	0.00	4.37	183.12	Industrial	1.43%
-	TV PE**	US\$	1.24	0.00%	0.81%	21.57%	3.33%	88.89%	65,798	1.46	0.00	-	1,023.90	Mining	2.93%
▼	UNACEMC1 PE**	S/.	2.90	-1.36%	-3.33%	-0.34%	-3.33%	94.44%	177,649	0.74	1.79	31.13	1,483.52	Industrial	3.00%
	VOLCABC1 PE**	S/.	1.42	2.16%	4.41%	6.77%	7.58%	100.00%	2,390,144	1.80	1.83	18.40	3,107.85	Mining	5.90%

**PULSO BURSÁTIL** 

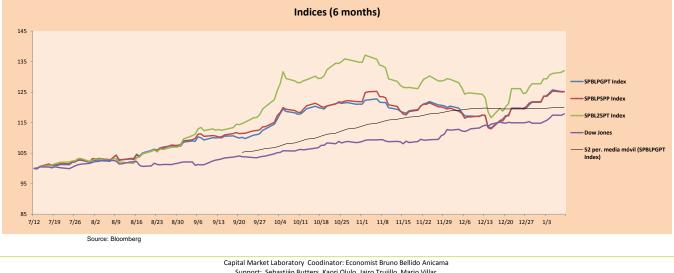
Quantity of shares:	26	Up	9
Source: Bloomberg, Eco	nomática	Down	11
* Bloomberg Industry Cla	ssification System	Hold	6
	ck market and original currency of		
*Legend: Variation 1D: 1	Day; 5D: 5 Days, 1M: 1 Month; YT	D: Var.% 12/31/16 to date	
Sectorial In	dices		

		Close	1D*	5D*	30D*	YTD*	Beta
•	Mining Index	365.04	-0.02%	0.53%	11.69%	2.69%	1.14
	Consumer Index	928.97	0.03%	2.34%	5.56%	3.03%	0.64
	Industrial Index	236.64	0.24%	-0.20%	1.36%	0.29%	1.07
•	Banking and Financial Index	1,119.47	-0.09%	2.66%	5.94%	4.71%	1.09
	Construction Index	262.41	0.01%	-0.61%	-0.69%	-1.03%	0.96
•	Services Index	415.89	-0.59%	-0.77%	0.79%	-0.17%	0.53
	Juniors Index	45.38	3.77%	-0.07%	11.80%	3.54%	1.41
•	Electric Index	406.01	-0.59%	-0.77%	0.79%	-0.16%	0.53

Correlation Graph of Returns of Mining Index against Metallic Index of London (3 months



\*Legend: Variation 1D: 1 Day; 5D: 5 Days, 1M: 1 Month; YTD: Var.% 12/31/16 to date



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UNIVERSIDAD DE LIMA Facultad de Ciencias Empresariales y Económicas Carrera de Economia Laboratorio de Mercado de Capitales

# **PULSO BURSÁTIL**

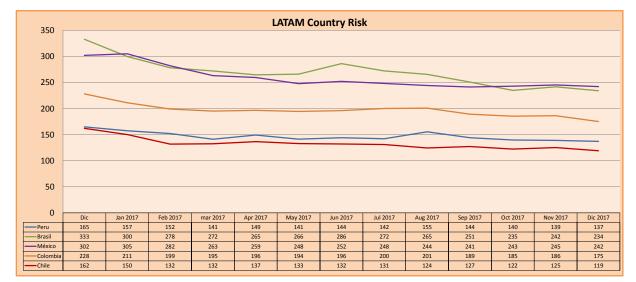


## **SOVEREIGN RATING**

Moody's   S&P   Fitch     Aaa   AAA   AAA   Prime     Aa1   AAA   AAA   Prime     Aa2   AA   AAA   High credit quality     Aa3   AA-   AAA   High credit quality     Aa3   AA-   AA-   AAA     Aa1   A+   AA   High credit quality     Aa3   AA-   AA-   AA     Aa1   A+   A   Medium-high grade, with low credit risk     A3   A-   A   A     Baa1   BBB+   BBB+   BBB-     Baa3   BBB-   BBB-   BBB-     Ba3   BB-   BB-   BBB-     Ba3   BB-   BB-   BBB-     Ba3   B-   B-   B-     B1   B+   B+   B+     B2   B   B   B     B3   B-   B-   Bad credit conditions and it is subject     Caa3   CCC-   CCC   CCC     Caa3   CCC-   DDD   Very clouse to default or in default	R	ISK RATIN	GS	
Aa1AA+AA+Aa2AAAAAa3AA-AA+Aa3AA-AA-Aa3AA-AA-Aa3AA-AA-Aa3AA-AA-Aa3AA-AA-Aa3AA-AA-Baa1BBB+BBB+Baa2BBBBBB-Baa2BBB-BBB-Baa3BB-BB-Ba3BB-BB-Ba3BB-BB-Ba3B-B-Ba3B-B-Ba3B-B-Ba3B-B-Ba3B-B-Ba3B-B-Ba3B-B-Ba3B-B-Ba3B-B-Ba3B-B-Ba3B-B-Ba4B-Ba5B-Ba5B-Ba6B-Ba7CCC+Caa3CCC+Caa3CCC-CCCCC-Caa5CCC-CCDDDVery clouse to default or in default	Moody's	S&P	Fitch	
Aa2AAAAAAAa3AA-AA-AA-Aa3AA-AA-Medium-high grade, with low credit riskA1A+AAAA2AAA3A-A-Baa1BBB+BBB+Baa2BBBBBB-Baa3BB-BB-Ba3BB-BB-B3B-B-B3B-B-B3B-B-Caa2CCC+Caa2CCC-Caa2CCC-Caa2CCC-Caa2CCC-Caa2CCC-Caa2CCC-Caa2CCC-Caa3CCC-Caa2CCC-Caa3CCC-Caa2CCC-Caa3CCC-Caa3CCC-Caa3CCC-Caa3CCC-Caa3CCC-Caa3CCC-Caa3CCC-Caa5 <t< th=""><th>Aaa</th><th>AAA</th><th>AAA</th><th>Prime</th></t<>	Aaa	AAA	AAA	Prime
Aa3AA-AA-A1A+A+A1A+A+A2AA-A3A-A-Baa1BB+BB+Baa2BBBBBB-Baa3BB+BB+Ba3BB+BB+Ba3BB-BB-B1B+B+B2BBB-B3B-B-B3B-B-B3B-B-B3CCC+CCC-Caa3CCC-Cab <th>Aa1</th> <th>AA+</th> <th>AA+</th> <th></th>	Aa1	AA+	AA+	
A1   A+   A+     A2   A   A     A3   A-   A-     Baa1   BBB+   BBB+     Baa2   BBB   BBB+     Baa3   BBB-   BBB-     Ba1   BB+   BB-     Ba3   BB-   BB-     B1   B+   B+     B2   B   B     B3   B-   B-     B3   B-   B-     Caa1   CCC+   CCC-     Caa3   CCC-   DDD     Very clouse to default or in default	Aa2	AA	AA	High credit quality
A2AAMedium-high grade, with low credit riskBa3A-A-Ba31BBB+BBB+Ba32BBB-BBB-Ba33BB+BB+Ba2BBBB-B1B+B+B2BBB3B-B+B3B-B-Cas2CCC-CCC-Cas2CCC-CCC-Cas3CCC-CCC-Cas3CCC-CCC-Cas3CCC-CCC-Cas3CCC-CCC-Cas3CCC-CCC-Cas3CCC-CCC-Cas3CCC-CCC-Cas3CCC-CCC-Cas3CCC-CCC-Cas3CCC-CCC-Cas3CCC-CCC-Cas3CCC-CCC-Cas3CCC-CCC-Cas3CCC-CCC-Cas3CCC-CCC-Cas3CCC-CCC-Cas3C	Aa3	AA-	AA-	
A2   A   A     A3   A-   A-     Baa1   BBB+   BBB+     Baa2   BBB   BBB-     Baa3   BBB-   BBB-     Ba3   BB-   BB-     Ba3   BB-   BB-     Ba3   BB-   BB-     B3   B-   B-     B3   B-   B-     Caa1   CCC+   CCC-     Caa2   CCC-   CCC-     Caa3   CCC-   CCC-	A1	A+	A+	Reading bisk and such barrier die
A3   A-   A-     Baa1   BBB+   BBB+     Baa2   BBB   BBB-     Baa3   BBB+   BBB-     Baa3   BBB-   BBB-     Ba1   BB+   BB+     Ba2   BB   BB-     Ba3   BB-   BB-     Ba3   BB-   BB-     Ba3   BB-   BB-     Ba3   B-   B+     B2   B   B     B3   B-   B-     Caa2   CCC-   CCC-     Caa2   CCC-   CCC-     Caa3   CCC-   CCC-     Caa2   CCC-   CCC-     Caa3   CCC-   CCC-     Caa2   CCC-   CCC-     Caa3   CCC-   CCC-     CC   DDD   Very clouse to default or in default	A2	А	А	
Baa2   BBB   BBB   Moderate Credit Risk     Baa3   BBB-   BBB-   BBB-     Ba1   BB+   BB+   It has speculative elements and it is subject to substantial credit risk     Ba3   BB-   BB-   BB-     B1   B+   B+   It is considered speculative and it has be high credit risk     B3   B-   B-   B-     Caa1   CCC+   CCC-   CCC-     Caa3   CCC-   CCC-   CCC-     Caa3   CCC-   CCC-   CCC-     Cab   CC-   CCC-   CCC-     Cab   CC-   DDD   Very clouse to default or in default	A3	A-	A-	TISK
Baa3   BBB-   BBB-     Ba1   BB+   BB+     Ba2   BB   BB+     Ba3   BB-   BB+     B2   B   B+     B3   B-   B+     B3   B-   B-     Caa2   CCC-   CCC-     Caa3   CCC-   CCC-     Caa3   CCC-   CCC-     Caa5   CCC-   CC-     Caa5   CCC-   CC- <tr< td=""><th>Baa1</th><td>BBB+</td><td>BBB+</td><td></td></tr<>	Baa1	BBB+	BBB+	
Ba1   BB+   BB+     Ba2   BB   BB     Ba3   BB-   BB-     B1   B+   B+     B2   B   B     B3   B-   B-     Caa2   CCC-   CCC-     Caa3   CCC-   CCC-     Caa5   CCC-   CCC- <tr< td=""><th>Baa2</th><td>BBB</td><td>BBB</td><td>Moderate Credit Risk</td></tr<>	Baa2	BBB	BBB	Moderate Credit Risk
Ba2   BB   BB   It has speculative elements and it is subject to substantial credit risk     Ba3   BB-   BB-     B1   B+   B+     B2   B   B     B3   B-   B-     B3   B-   B-     Cma2   CCC-   CCC-     Cma3   CCC-   CCC-     Caa3   CCC-   CCC-	Baa3	BBB-	BBB-	
Ba2   BB   BB   subject to substantial credit risk     Ba3   BB-   BB-     B1   B+   B+     B2   B   B     B3   B-   B-     Caa2   CCC-   CCC-     Caa3   CCC-   CCC-     Caa3   CCC-   CCC-     Caa3   CCC-   CCC-     Caa5   CCC-   DDD     C   DD   Very clouse to default or in default	Ba1	BB+	BB+	to be a second action of a second second second
Ba3   BB-   BB-     B1   B+   B+     B2   B   B     B3   B-   B-     Caa2   CCC-   CCC-     Caa3   CCC-   CC-     Caa3   CCC-   CC-     Caa3   CCC-   CC-     Caa3   CCC-   CC-	Ba2	BB	BB	
B2   B   B     B3   B-   B-     Caa1   CCC+     Caa2   CCC-     CC   CCC-     Caa3   CC	Ba3	BB-	BB-	subject to substantial credit risk
B2   B   B     B3   B-   B-     Cas1   CCC+     Cas2   CCC-     Cas3   CCC-     Ce   CC-     Ce   CC-     DDD   Very clouse to default or in default	<b>B1</b>	B+	B+	It is considered anosulative and it has
B3   B-   B-     Cas1   CCC+     Cas2   CCC-     Cas3   CC-	B2	в	В	•
Caa2 Caa3       CCC CCC- CCC       CCC CCC- CCC       CCC CCC       Bad credit conditions and it is subject to high credit risk         Ca       CCC CCC       DDD DD       Very clouse to default or in default	<b>B</b> 3	B-	B-	nigh credit fisk
CaeB   CCC-   CCC   Bad credit conditions and it is subject to high credit risk     Ca   CC   to high credit risk     Ca   C   DDD     C   D   DD     Very clouse to default or in default	Caa1	CCC+		
Caa3 CCC- CCC to high credit risk Ca CC DDDD C D DD Very clouse to default or in default	Caa2	CCC		Paul subditioned the second states and
Ce CC C DDD C D DD Very clouse to default or in default	Caa3	CCC-	CCC	
C DDD C D DD Very clouse to default or in default	100	CC		to high creat risk
C D DD Very clouse to default or in default		C		
			DDD	
Design of the second	C	D	DD	Very clouse to default or in default
			D	

Source: Bloomberg

	America Clasificadora d		
Country	Moody's	Fitch	S&P
Peru	A3	BBB+	BBB+
Mexico	A3	BBB+	BBB+
Venezuela	Caa3	RD	SD
Brazil	Ba2	BB	BB
Colombia	Baa2	BBB	BBB-
Chile	Aa3	A	A+
Argentine	B2	В	B+
Panama	Baa2	BBB	BBB



Source: Bloomberg

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