# **S&P Dow Jones** Indices

A Division of S&P Global

# Índices de Renta Variable de América Latina

**SCORECARD** 

## **Contents**

3
4
4
5
6
6
7
7
8
8
9
10
10
11
12
13

#### CONTACT US:

A. Silvia Kitchener	Michael Orzano, CFA	index_service	es@spglobal.com	www.spdji.co	m
Director	Director	New York	+1.212.438.2046	Beijing	+86.10.6569.2770
212.438.3532	212.438.4732		+1.877.325.5415	Dubai	+971.04.371.7131
skitchener@spglobal.com	michael.orzano@spglobal.com	London	+44.207.176.8888	Hong Kong	+852.2532.8000
		Tokyo	+813.4550.8463	Sydney	+61.2.9255.9802

## S&P - Índices de Renta Variable de América Latina: Comentarios del segundo trimestre de 2018

El segundo trimestre de 2018 mostró que la volatilidad reina en América Latina. El primer trimestre presentó rendimientos sólidos para la región, con México a la zaga. Sin embargo, en este segundo trimestre, esos resultados positivos prácticamente desaparecieron para lo que va del año y América Latina regresó a territorio negativo. Las recientes elecciones presidenciales en México y Colombia, así como las próximas elecciones en Brasil, han generado incertidumbre a nivel económico. Brasil, que es el mayor mercado de la región, tuvo un segundo trimestre considerablemente difícil. Durante este periodo, el país experimentó una significativa depreciación de su moneda, alzas en las tasas de inflación, al igual que desafíos fiscales y políticos que en gran parte contribuyeron al desplome de la región. Durante el segundo trimestre, el S&P Brazil BMI tuvo una caída de 26% medido en dólares (USD), mientras que los índices regionales S&P Latin America BMI y S&P Latin America 40 retrocedieron 18% y 19%, respectivamente.

Es indiscutible que América Latina está pasando por grandes dificultades. Sin embargo, en cuanto a los índices, uno de los factores que ha tenido mayor impacto ha sido la fluctuación del cambio de la moneda. Todos los índices locales y regionales presentaron caídas abruptas en su desempeño al observar sus rendimientos medidos en dólares (USD), mientras que los inversionistas locales encontraron un panorama diferente en la región. Un buen ejemplo de esto es el S&P MILA Pacific Alliance Composite, índice que excluye a Brasil. La región amplia de 141 acciones presentó rendimientos de -5% en dólares durante el trimestre, sin embargo, en pesos chilenos y mexicanos, los rendimientos fueron positivos: 2.7% y 2.5%, respectivamente. En pesos colombianos, el índice no presentó variaciones (0.1%) y en nuevos soles peruanos, registró un descenso de 3%. Esto demuestra que, dependiendo del país, el cambio de la moneda juega un papel importante en el desempeño del índice.

A pesar de este bajo desempeño, se registraron algunos resultados positivos, especialmente en México y Colombia. Los indicadores S&P/BMV IPC y S&P Colombia Select exhibieron un desempeño sólido en moneda local, generando rendimientos de 4.4% y 10.4%, respectivamente. Otro segmento en el que se registraron resultados positivos fue el sector de energía de la región de la Alianza del Pacífico,<sup>1</sup> que presentó rendimientos cercanos a 4% durante el trimestre y de 64% en lo que va del año (hasta junio de 2018), medidos en dólares.

La volatilidad es el factor más importante en América Latina y será interesante ver lo que ocurre el próximo trimestre. Hasta ahora, las elecciones presidenciales en México casi no han tenido impacto en el mercado y, en la primera semana de julio, Brasil regresó a territorio positivo. No obstante, son muchas las semanas que quedan hasta el próximo trimestre. Manténganse atentos a las novedades.

<sup>&</sup>lt;sup>1</sup> La región de la Alianza del Pacífico incluye a Chile, Colombia, México y Perú.

			Index Performance				Std I	Dev		Index Fu	ındam	ental	S		
Index Name	Currency	Count	QTD	YTD	1-Yr	3-Yr	5-Yr	3-Yr	5-Yr	P/E Trailing	P/E Forward	Div Yield	P/B	P/S	P/CF
Global Indices															
S&P 500	USD	505	3.4%	2.6%	14.4%	11.9%	13.4%	10.2%	9.8%	22.9	16.4	2.0	3.2	2.1	22.9
S&P Europe 350	USD	364	-0.8%	-2.8%	5.9%	4.8%	6.9%	12.9%	12.8%	15.6	14.2	3.7	1.7	1.3	11.3
S&P Topix 150	USD	150	-2.9%	-1.9%	10.5%	6.3%	7.4%	12.2%	11.7%	13.4	13.3	2.3	1.4	1.0	7.1
S&P Global 1200	USD	1221	1.3%	0.4%	11.6%	9.3%	10.5%	10.4%	10.0%	18.4	15.5	2.5	2.3	1.8	12.6
Latin America															
S&P Latin America 40	USD	41	-19.3%	-11.5%	0.8%	2.8%	-1.4%	26.5%	24.7%	17.1	8.0	2.9	1.7	1.7	14.3
S&P Latin America BMI	USD	286	-17.6%	-11.5%	-0.2%	2.7%	-2.4%	24.7%	23.2%	13.8	10.3	2.9	1.5	1.3	10.8
S&P Latin America Infrastructure	USD	22	-27.5%	-25.2%	-18.4%	-0.3%	-3.6%	24.8%	22.4%	16.2	12.3	4.2	1.7	1.0	6.0
Pacific Alliance (Chile, Colombia	a, Mexico aı	nd Peru)													
	USD		-4.8%	-3.1%	0.1%	1.6%	-2.2%	17.2%	15.8%						
	CLP		2.7%	2.6%	-2.0%	2.2%	2.8%	14.1%	13.1%						
S&P MILA Pacific Alliance Composite	COP	141	0.1%	-4.6%	-3.8%	5.8%	6.3%	13.7%	12.1%	18.7	11.2	2.5	1.7	1.5	15.2
	PEN		-3.4%	-2.1%	1.0%	2.6%	1.0%	14.6%	13.7%						
	MXN		2.5%	-2.7%	8.7%	9.5%	6.2%	10.9%	10.4%						
	USD		-4.6%	-3.0%	3.0%	3.2%	-1.7%	17.2%	16.0%						
	CLP		2.9%	2.7%	0.9%	3.8%	3.4%	13.5%	12.8%						
S&P MILA Pacific Alliance Select	COP	69	0.3%	-4.5%	-0.9%	7.5%	6.9%	13.5%	12.0%	19.0	11.2	2.5	1.9	1.6	16.8
	PEN		-3.2%	-2.0%	3.9%	4.2%	1.5%	14.6%	14.0%						
	MXN		2.7%	-2.5%	11.9%	11.2%	6.7%	12.2%	11.5%						
	USD		-5.6%	-2.5%	17.8%	9.4%	-0.7%	18.9%	18.4%						
S&P MILA Andean 40 Index	CLP	40	1.8%	3.2%	15.4%	10.1%	4.5%	13.1%	13.3%	20.7	14.9	2.3	1.6	1.5	30.0
	COP		-0.7%	-4.0%	13.3%	14.0%	8.0%	12.7%	12.1%						
	PEN		-4.2%	-1.5%	18.8%	10.5%	2.6%	16.3%	16.3%						

Source: S&P Dow Jones Indices LLC. Index performance primarily based on total return. Data as of June 29, 2018. Past performance is no guarantee of future results. Table is provided for illustrative purposes and reflects hypothetical historical performance. Please see the Performance Disclosure at the end of this document for more information regarding the inherent limitations associated with backtested performance. \*The index was previously named S&P MILA Pacific Alliance Select Mexico Domestic.

<sup>&</sup>quot;Std Dev" stands for Standard Deviation. "P/E" stands for price-to-earnings ratio. "P/B" stands for price-to-book ratio. "P/S" stands for price-to-sales ratio. "P/CF" stands for price-to-cash-flow ratio. "NM" stands for not meaningful.

				Index Performance			Std D	)ev		Index F		nental	S		
Index Name	Currency	Count	QTD	YTD	1-Yr	3-Yr	5-Yr	3-Yr	5-Yr	P/E Trailing	P/E Forward	Div Yield	P/B	P/S	P/CF
S&P Latin America BMI Sec	ctors														
Consumer Discretionary	USD	47	-17.2%	-19.8%	-6.1%	-2.2%	-3.8%	25.7%	23.8%	23.9	17.2	2.0	2.3	1.4	12.5
Consumer Staples	USD	38	-14.5%	-15.4%	-10.0%	-3.5%	-5.5%	16.9%	16.6%	27.6	20.8	2.1	2.6	0.9	12.6
Energy	USD	8	-25.4%	-9.4%	14.2%	3.2%	-7.0%	46.4%	45.5%	28.4	8.0	1.3	0.6	0.5	1.8
Financials	USD	43	-23.0%	-10.1%	0.9%	6.4%	1.5%	31.0%	29.1%	10.9	10.0	4.2	1.5	4.4	NM
Health Care	USD	7	-28.4%	-33.0%	-22.2%	4.8%	-1.7%	29.7%	27.3%	15.7	15.1	5.4	2.7	3.0	14.9
Industrials	USD	41	-17.7%	-16.2%	-10.0%	-1.7%	-7.2%	20.5%	19.1%	26.4	17.0	2.0	2.0	1.0	8.3
Information Technology	USD	5	-28.1%	-31.3%	-30.7%	-18.0%	-7.5%	32.7%	31.1%	15.3	16.9	3.3	4.3	3.4	12.3
Materials	USD	39	-4.8%	1.0%	23.1%	14.6%	0.7%	29.2%	26.6%	18.1	6.4	2.1	1.5	1.3	7.0
Real Estate	USD	19	-14.1%	-13.2%	-16.0%	-6.5%	-10.3%	21.9%	21.1%	17.4	14.4	4.8	0.9	7.3	11.2
Telecommunication Services	USD	8	-13.7%	-7.2%	2.8%	-3.7%	-4.6%	24.5%	21.6%	2.9	10.3	2.6	4.0	0.9	3.9
Utilities	USD	31	-20.9%	-18.0%	-11.5%	0.7%	-2.3%	24.4%	22.7%	12.9	8.0	5.1	1.1	1.2	6.6
S&P MILA Pacific Alliance (	Composite S	ectors													
Consumer Discretionary	USD	16	1.3%	-3.0%	-5.7%	-6.5%	-3.4%	20.0%	18.0%	24.7	20.1	1.3	2.4	1.6	10.1
Consumer Staples	USD	24	-3.6%	-3.8%	-4.0%	1.8%	-3.1%	16.5%	16.6%	22.8	22.1	2.0	2.4	1.0	12.7
Energy	USD	3	3.9%	11.1%	64.3%	12.1%	-7.2%	27.2%	28.2%	22.6	14.4	2.0	2.2	1.3	9.9
Financials	USD	27	-0.5%	5.2%	6.4%	6.3%	1.2%	19.0%	17.3%	12.4	13.3	2.9	1.5	3.9	NM
Health Care	USD	1	-21.8%	-19.5%	-24.7%	-1.2%	-6.6%	25.7%	24.4%	14.6	11.6	-	2.6	1.5	12.6
Industrials	USD	22	-12.7%	-10.7%	-14.2%	-0.7%	-4.6%	20.0%	18.3%	27.2	14.7	2.2	1.7	0.9	6.2
Information Technology	USD	1	-21.2%	-23.0%	-5.9%	-8.6%	-10.6%	26.6%	26.2%	13.7	23.1	3.9	1.7	1.0	20.9
Materials	USD	22	-5.8%	-8.3%	0.6%	3.9%	-2.1%	23.2%	20.9%	23.8	4.4	2.1	1.4	1.3	6.6
Real Estate	USD	11	-5.1%	0.2%	-11.0%	-	-	-	-	10.6	12.9	6.4	8.0	7.5	10.6
Telecommunication Services	USD	4	-11.1%	-3.6%	4.7%	-4.3%	-2.7%	24.6%	22.4%	99.2	16.9	1.7	4.9	1.1	5.1
Utilities	USD	10	-14.5%	-13.6%	-4.2%	0.7%	-0.2%	17.6%	16.5%	13.1	12.3	4.5	1.4	1.6	6.4

Source: S&P Dow Jones Indices LLC. Index performance primarily based on total return. Data as of June 29, 2018. Past performance is no guarantee of future results. Table is provided for illustrative purposes and reflects hypothetical historical performance. Please see the Performance Disclosure at the end of this document for more information regarding the inherent limitations associated with backtested performance.

	Index Performance Std Dev			Dev		Index Fu	undam	entals	3						
Index Name	Currency	Count	QTD	YTD	1-Yr	3-Yr	5-Yr	3-Yr	5-Yr	P/E Trailing	P/E Forward	Div Yield	P/B	P/S	P/CF
S&P MILA Andean Sectors															
	USD		-0.4%	5.4%	19.4%	12.1%	4.9%	18.5%	17.9%						
S&P MILA Andean Financials	CLP	12	7.5%	11.6%	17.0%	12.8%	10.3%	14.0%	13.8%	12.7	14.1	2.6	1.5	4.0	NM
our micronidean individual	COP	'-	4.7%	3.7%	14.8%	16.8%	14.1%	11.8%	11.0%		17.1	2.0	1.0	1.0	14141
	PEN		1.1%	6.5%	20.5%	13.2%	8.4%	16.1%	15.8%						
	USD		-2.7%	-1.4%	40.4%	15.1%	-1.2%	23.5%	22.9%						
S&P MILA Andean Resources	CLP	14	5.0%	4.4%	37.5%	15.8%	3.9%	17.9%	18.1%	38.5	16.2	2.1	1.8	1.7	9.2
	COP		2.3%	-3.0%	35.0%	19.8%	7.4%	17.2%	16.3%						
	PEN		-1.3%	-0.4%	41.6%	16.2%	2.1%	20.7%	20.7%				_	_	
S&P MILA Pacific Alliance Size Indices															
	USD		-4.1%	-4.3%	-5.4%	3.2%	-4.5%	17.3%	16.7%		16.8 3	3.3	.3 1.5	2.4	
	CLP		3.5%	1.4%	-7.3%	3.8%	0.5%	15.6%	14.6%						
S&P MILA Pacific Alliance MidCap	COP	24	0.8%	-5.8%	-9.0%	7.5%	3.9%	14.2%	12.7%	14.4					20.3
	PEN		-2.7%	-3.3%	-4.5%	4.3%	-1.3%	14.8%	14.8%						
	MXN		3.3%	-3.8%	2.8%	11.3%	3.7%	10.4%	11.2%						
	USD		-6.0%	-5.1%	-4.3%	2.7%	-2.1%	16.5%	15.4%						
	CLP		1.3%	0.5%	-6.3%	3.3%	3.0%	14.5%	13.2%						
S&P MILA Pacific Alliance MidSmallCap	COP	98	-1.2%	-6.6%	-8.0%	6.9%	6.5%	14.3%	12.2%	16.8	14.8	3.0	1.4	1.4	11.4
	PEN		-4.7%	-4.1%	-3.5%	3.7%	1.2%	14.1%	13.5%						
	MXN		1.2%	-4.6%	3.9%	10.7%	6.3%	9.6%	9.7%						
	USD		-7.9%	-5.9%	-3.2%	1.8%	-0.5%	16.4%	15.0%						
	CLP		-0.7%	-0.4%	-5.2%	2.4%	4.7%	14.2%	12.7%						
S&P MILA Pacific Alliance SmallCap	COP	74	-3.2%	-7.4%	-7.0%	6.1%	8.2%	15.2%	12.7%	20.1	13.3	2.8	1.3	0.9	7.9
	PEN		-6.6%	-4.9%	-2.4%	2.9%	2.8%	14.2%	13.2%						
	MXN		-0.9%	-5.5%	5.1%	9.8%	8.1%	9.9%	9.4%						

Source: S&P Dow Jones Indices LLC. Index performance primarily based on total return. Data as of June 29, 2018. Past performance is no guarantee of future results. Table is provided for illustrative purposes and reflects hypothetical historical performance. Please see the Performance Disclosure at the end of this document for more information regarding the inherent limitations associated with back-tested performance.

## S&P Latin America Equity Indices

Quarterly Performance - March 30, 2018 to June 29, 2018

## Top Performers in the S&P Latin America 40 Index

Company	Country	Price Change
Grupo Televisa SAB CPO	Mexico	19.1%
BanColombia SA ADR	Colombia	13.7%
Ecopetrol SA ADR	Colombia	6.3%
Walmart de Mexico SAB de CV	Mexico	3.4%
Vale S.A. ADR	Brazil	0.8%
Cemex SA CPO	Mexico	-0.8%
Credicorp Limited	Peru	-0.8%
Empresas COPEC SA	Chile	-2.1%
SOQUIMICH - Sociedad Quimica y Minera de Chile		
SA B ADR	Chile	-2.2%
Empresas CMPC SA	Chile	-3.5%

# Top Performers in the S&P MILA Pacific Alliance Select Index

Company	Country	Price Change
Gentera SAB de CV	Mexico	23.1%
Grupo Televisa SAB CPO	Mexico	20.6%
Banco Davivienda SA Pref	Colombia	16.8%
BanColombia SA Prf	Colombia	16.0%
Ecopetrol SA	Colombia	10.0%
Grupo Aeroportuario del Centro Norte, S.A.B. de C.V.	Mexico	8.5%
Gruma SAB B	Mexico	8.2%
Walmart de Mexico SAB de CV	Mexico	4.7%
Interconexion Electrica SA ESP	Colombia	3.5%
Itau Corpbanca S.A.	Chile	2.1%

## **Bottom Performers in the S&P Latin America 40 Index**

Company	Country	Price Change
Ultrapar Participacoes S.A.	Brazil	-44.8%
Itausa Investimentos Itau S.A Prf	Brazil	-43.3%
Banco Bradesco ADR	Brazil	-42.3%
Kroton Educational S.A.	Brazil	-41.6%
Banco do Brasil	Brazil	-40.5%
Ambev S.A ADR	Brazil	-36.3%
Latam Airlines Group S.A ADR	Chile	-35.7%
Itau Unibanco Holding SA ADR	Brazil	-33.5%
BRF S.A. ADR	Brazil	-32.4%
Cielo SA	Brazil	-32.0%

# **Bottom Performers in the S&P MILA Pacific Alliance Select Index**

Company	Country	Price Change
LATAM Airlines Group S.A.	Chile	-36.0%
Volcan Compania Minera S.A.A. B	Peru	-33.5%
Enel Americas S.A.	Chile	-24.6%
Enel Chile S.A.	Chile	-23.6%
Sonda	Chile	-23.3%
Grupo Lala S.A.B. de C.V.	Mexico	-23.1%
Embotelladora Andina SA B	Chile	-20.8%
Cencosud SA	Chile	-19.2%
Empresa Nacional de Telecomunicaciones S.A. (ENTE	Chile	-19.0%
Terrafina Administradora Industrial	Mexico	-16.8%

Source: S&P Dow Jones Indices LLC. Index performance primarily based on total return. Data as of June 29, 2018. Past performance is no guarantee of future results. Table is provided for illustrative purposes and reflects hypothetical historical performance. Please see the Performance Disclosure at the end of this document for more information regarding the inherent limitations associated with backtested performance.

## S&P Latin America Equity Indices

Annual Performance - June 30, 2017 to June 29, 2018

## **Top Performers in the S&P Latin America 40 Index**

Company	Country	Price Change
Ecopetrol SA ADR	Colombia	126.07%
Empresas CMPC SA	Chile	54.03%
Vale S.A. ADR	Brazil	46.51%
SOQUIMICH - Sociedad Quimica y Minera de Chile SA I	Chile	45.52%
Empresas COPEC SA	Chile	40.93%
Embraer S.A (ADR)	Brazil	36.59%
Southern Copper Corp.	Peru	35.35%
Petrobras SA ADR	Brazil	25.53%
Credicorp Limited	Peru	25.49%
Banco Santander Chile ADR	Chile	23.69%

# Top Performers in the S&P MILA Pacific Alliance Select Index

Company	Country	Price Change
Ecopetrol SA	Colombia	128.02%
Empresas CMPC SA	Chile	54.71%
SOQUIMICH - Sociedad Quimica y Minera de Chile SA	Chile	45.75%
Empresas COPEC SA	Chile	41.56%
Southern Copper Corp	Peru	32.40%
Ferreycorp S.A.A.	Peru	28.94%
Banco Santander Chile	Chile	23.93%
Credicorp Limited	Peru	23.20%
Banco de Credito e Inversiones	Chile	19.65%
Banco de Chile	Chile	19.26%

## **Bottom Performers in the S&P Latin America 40 Index**

Company	Country	Price Change
BRF S.A. ADR	Brazil	-60.31%
Ultrapar Participacoes S.A.	Brazil	-49.39%
CCR S.A.	Brazil	-48.87%
Kroton Educational S.A.	Brazil	-46.49%
Cielo SA	Brazil	-42.66%
Cemex SA CPO	Mexico	-30.16%
Fibra Uno Administracion S.A. de C.V.	Mexico	-23.60%
Cia Energetica de Minas Gerais Prf ADR	Brazil	-23.33%
Grupo Televisa SAB CPO	Mexico	-22.29%
Banco Bradesco ADR	Brazil	-19.29%

## **Bottom Performers in the S&P MILA Pacific Alliance Select Index**

Company	Country	Price Change								
Grupo Lala S.A.B. de C.V.	Mexico	-43.3%								
Gentera SAB de CV	Mexico	-40.6%								
Grupo Elektra S.A.B. de C.V.	Mexico	-34.6%								
Coca-Cola Femsa SAB de CV L	Mexico	-32.7%								
AES Gener S.A.	Chile	-30.2%								
Cemex SA CPO	Mexico	-29.3%								
Terrafina Administradora Industrial	Mexico	-25.4%								
Promotora y Operadora de Infraestructura SAB de CV	Mexico	-24.4%								
Grupo Aeroportuario del Sureste SAB de CV B	Mexico	-24.2%								
Fibra Uno Administracion S.A. de C.V.	Mexico	-22.7%								

Source: S&P Dow Jones Indices LLC. Index performance primarily based on total return. Data as of June 29, 2018. Past performance is no guarantee of future results. Table is provided for illustrative purposes and reflects hypothetical historical performance. Please see the Performance Disclosure at the end of this document for more information regarding the inherent limitations associated with backtested performance.

June 29, 2018

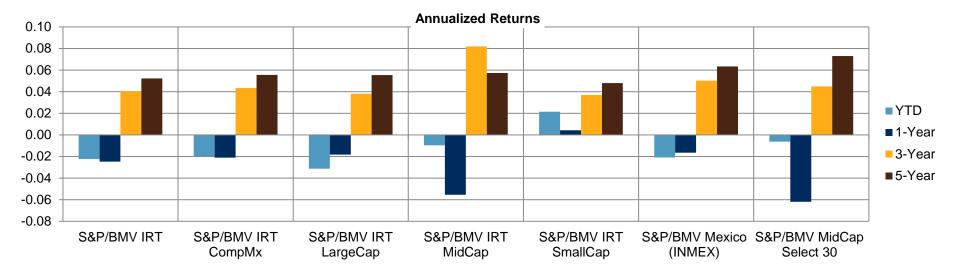
	. ,		Index Performance			Ī	Std I	Dev	Index Fundamentals							
Index Name	Currency	Count	QTD	YTD	1-Yr	3-Yr	5-Yr	3-Yr	5-Yr	P/E Trailing	P/E Forward	Div Yield	P/B	P/S	P/CF	
Argentina																
S&P Argentina BMI	ARS USD	33	-5.3% -33.9%	0.7% -34.3%	42.8% -17.8%	49.3% 1.6%	55.2% 10.9%	31.8% 36.0%	31.2% 34.0%	17.7	15.3	1.4	3.7	2.0	11.2	
Brazil																
Brazil 100 Index (IBrX 100)	BRL	100	-14.8%	-5.2%	14.7%	10.8%	8.9%	21.3%	20.5%	-	-	-	-	-	-	
S&P Brazil BMI	BRL	146	-14.7%	-4.7%	15.7%	11.4%	8.5%	21.6%	20.7%	11.3	9.6	3.2	1.3	1.2	8.6	
SQL BIAZII BIVII	USD	140	-26.2%	-17.8%	-0.2%	3.7%	-2.8%	35.5%	33.2%	11.5	9.0	5.2	1.5	1.2	0.0	
S&P/BOVESPA Non-State Owned	BRL	75	-13.5%	-6.1%	13.6%	11.4%	9.6%	18.3%	17.3%	16.1	11.3	3.3	1.8	1.5	14.6	
Enterprises Index	USD	73	-25.2%	-19.3%	-2.1%	3.8%	-1.9%	32.0%	29.8%	10.1	11.5	0.0	1.0	1.0	14.0	
S&P Brazil Property	BRL	7	-16.8%	-21.2%	-13.0%	2.5%	-2.4%	24.7%	24.4%	NM	18.8	1.4	1.1	7.0	12.3	
Odi Biazii i Toperty	USD	,	-28.1%	-32.1%	-25.0%	-4.6%	-12.6%	38.6%	36.1%	INIVI	10.0	1.7	1.1	7.0	12.0	
S&P Dividend Aristocrats Brasil	BRL	30	-15.2%	-9.0%	16.0%	15.3%	7.8%	23.7%	21.5%	6.5	6.0	7.1	1.1	1.1	9.5	
Dividend Anstociato Brasil	USD	00	-26.8%	-21.9%	-0.1%	7.3%	-3.5%	37.9%	34.3%	0.0	0.0	7.1			0.0	
S&P Brazil Dividend Opportunities	BRL	40	-11.9%	-7.0%	9.8%	14.4%	6.5%	19.1%	18.4%	7.5	7.2	6.8	1.4	1.3	12.5	
Sar Brazil Bividena Opportarinae	USD	10	-23.9%	-20.2%	-5.5%	6.6%	-4.7%	33.4%	31.4%	7.0	7.2	0.0		1.0	12.0	
S&P Brazil Dividend Opportunities	BRL	25	-7.8%	-5.1%	10.3%	16.4%	4.2%	19.7%	18.6%	6.4	6.6	8.1	1.3	1.2	26.0	
SmallMidCap	USD		-20.4%	-18.5%	-5.0%	8.4%	-6.7%	33.5%	31.3%	0	0.0	0			_0.0	
S&P Brazil Sector GDP Weighted	BRL	105	-13.2%	-10.7%	8.3%	8.3%	7.0%	19.4%	18.6%	12.6	11.9	2.8	1.7	1.2	8.0	
	USD		-25.0%	-23.3%	-6.7%	0.8%	-4.2%	33.7%	31.5%							
S&P/BOVESPA Enhanced Value	BRL	28	-13.1%	-3.0%	19.9%	15.8%	7.2%	30.9%	29.9%	10.6	6.3	3.9	0.8	0.4	NM	
	USD		-24.9%	-16.7%	3.3%	7.8%	-4.1%	44.3%	41.6%							
S&P/BOVESPA Inverse-Risk	BRL	104	-12.9%	-9.6%	8.0%	11.7%	5.2%	18.9%	17.9%	17.7	11.6	3.8	1.4	1.0	14.6	
Weighted	USD		-24.7%	-22.3%	-7.0%	4.0%	-5.9%	32.8%	30.6%							
S&P/BOVESPA Low Volatility	BRL	26	-14.3%	-11.4%	-3.5%	6.9%	6.7%	13.8%	13.8%	12.4	11.1	4.7	1.5	2.0	NM	
,	USD		-26.0%	-23.9%	-16.9%	-0.5%	-4.6%	27.4%	26.2%							
S&P/BOVESPA Momentum	BRL	25	-11.3%	-3.2%	29.3%	6.1%	6.7%	17.9%	17.3%	17.9	14.9	2.5	2.7	1.6	20.0	
	USD		-23.3%	-16.9%	11.3%	-1.2%	-4.5%	28.5%	27.8%				2.7			
S&P/BOVESPA Quality	BRL	28	-12.4%	-11.3%	7.3%	8.3%	5.9%	19.1%	17.5%	14.3	13.9	4.0	2.8	2.9	12.6	
OKI /BOVEOFA Quality	USD		-24.3%	-23.8%	-7.6%	0.8%	-5.2%	33.4%	30.5%				2.0	0		

Source: S&P Dow Jones Indices LLC. Index performance primarily based on total return. Data as of June 29, 2018. Past performance is no guarantee of future results. Table is provided for illustrative purposes and reflects hypothetical historical performance. Please see the Performance Disclosure at the end of this document for more information regarding the inherent limitations associated with backtested performance. The IBrX Brasil index data is sourced from the BM&FBOVESPA.

				Index Performance					Dev	Index Fundamentals						
Index Name	Currency	Count	QTD	YTD	1-Yr	3-Yr	5-Yr	3-Yr	5-Yr	P/E Trailing	P/E Forward	Div Yield	P/B	P/S	P/CF	
Chile																
S&P Chile BMI	CLP	36	-3.6%	-4.4%	11.5%	11.4%	5.7%	14.6%	13.8%	19.6	16.3	2.6	1.8	1.4	9.8	
Ca. Cimo Divi	USD	30	-10.7%	-9.7%	13.9%	10.7%	0.5%	20.4%	19.1%		10.5	2.0	1.0	1.7	3.0	
Dow Jones Sustainability Chile	CLP	26	-3.8%	-2.4%	12.0%	-	-	-	-	18.6	16.1	2.6	1.7	1.4	9.6	
Index	USD	20	-10.8%	-7.8%	14.4%	-	-	-	-	10.0	10.1	2.0	1.7	1	9.0	
S&P Chile 15	CLP	15	-3.8%	-5.1%	13.3%	10.8%	4.4%	15.1%	14.9%	19.5	16.5	2.7	2.0	1.5	10.4	
S&P/CLX Chile Dividend Index	CLP	28	-2.1%	-4.5%	9.9%	11.8%	6.8%	14.3%	13.9%	16.3	15.1	3.7	1.9	1.7	11.0	
Odi /OLX Offile Dividend index	USD	20	-9.2%	-9.8%	12.3%	11.1%	1.6%	20.1%	19.2%	10.5	10.1	5.7	1.5	1.7		
Colombia																
S&P Colombia BMI	COP	18	10.4%	6.3%	10.4%	8.4%	3.4%	13.5%	14.6%	11.0	13.3	2.5	0.8	0.8	NM	
Cai Colombia Bivii	USD	10	5.0%	8.0%	14.8%	4.1%	-4.9%	25.0%	25.5%	11.0	10.0	2.0	0.0	0.0	I VIVI	
S&P Colombia Select Index	COP	14	9.2%	5.2%	12.4%	7.8%	2.9%	14.1%	15.2%	12.7	13.5	2.5	1.0	0.9	NM	
S&P Colombia Select Index	USD	17	3.1%	7.0%	16.9%	3.5%	-5.4%	25.3%	25.8%	12.7	10.0	2.0	1.0	0.5	I VIVI	

Source: S&P Dow Jones Indices LLC. Index performance primarily based on total return. Data as of June 29, 2018. Past performance is no guarantee of future results. Table is provided for illustrative purposes and reflects hypothetical historical performance. Please see the Performance Disclosure at the end of this document for more information regarding the inherent limitations associated with backtested performance.

			Index	Perform	nance		Std I	Dev	Index Fundamentals						
Index Name	Currency	QTD	YTD	1-Yr	3-Yr	5-Yr	3-Yr	5-Yr	P/E Trailing	P/E Forward	Div Yield	P/B	P/S	P/CF	
Mexico															
Currency Indices/ Indices de Cambi	ios														
S&P/BMV MXN-USD	MXN	8.6%	1.3%	9.7%	8.2%	8.9%	12.5%	10.6%	-	-	-	-	-	-	
S&P/BMV USD-MXN	MXN	-7.9%	-1.2%	-8.8%	-7.5%	-8.2%	12.3%	10.4%	-	-	-	-	-	-	
Target Risk Indices															
S&P BMV Mexico Target Risk Aggressive Index	MXN	3.2%	2.2%	5.6%	7.2%	8.0%	4.6%	4.5%	-	-	-	-	-	-	
S&P BMV Mexico Target Risk Conservative Index	MXN	1.2%	2.9%	6.5%	5.6%	5.7%	1.6%	1.5%	-	-	-	-	-	-	
S&P BMV Mexico Target Risk Growth Index	MXN	2.6%	2.6%	6.2%	7.1%	7.6%	3.1%	3.2%	-	-	-	-	-	-	
S&P BMV Mexico Target Risk Moderate Index	MXN	2.0%	2.7%	6.0%	6.4%	7.0%	2.4%	2.5%	-	-	-	-	-	-	



Source: S&P Dow Jones Indices LLC. Index performance primarily based on total return. Data as of June 29, 2018. Past performance is no guarantee of future results. Table is provided for illustrative purposes and reflects hypothetical historical performance. Please see the Performance Disclosure at the end of this document for more information regarding the inherent limitations associated with back-tested performance.

<sup>\*</sup>Index performance is based on price return.

			Index Performance						Dev	Index Fundamentals					
Index Name	Currency	Count	QTD	YTD	1-Yr	3-Yr	5-Yr	3-Yr	5-Yr	P/E Trailing	P/E Forward	Div Yield	P/B	P/S	P/CF
Mexico															
S&P/BMV IPC*	MXN	35	3.3%	-3.4%	-4.4%	1.9%	3.2%	11.2%	11.0%						
S&F/BIVIV IFC	USD	35	-4.8%	-4.6%	-12.8%	-5.8%	-5.2%	19.8%	18.1%	22.1	8.9	2.3	2.4	1.5	12.3
COD/DMV/ IDT	MXN	35	4.4%	-2.2%	-2.5%	4.0%	5.2%	11.2%	11.1%	22.1	0.9	2.3	2.4	1.5	12.3
S&P/BMV IRT	USD	35	-3.9%	-3.4%	-11.0%	-3.8%	-3.4%	19.8%	18.1%						
S&P/BMV IRT CompMx	MXN	62	4.0%	-2.0%	-2.1%	4.3%	5.5%	10.8%	10.8%	21.4	9.1	2.3	2.3	1.5	12.2
S&P/BMV IRT LargeCap	MXN	16	4.4%	-3.1%	-1.8%	3.8%	5.5%	11.7%	11.6%	22.1	7.8	2.1	2.3	1.6	14.8
S&P/BMV IRT MidCap	MXN	26	2.6%	-1.0%	-5.5%	8.2%	5.7%	12.1%	11.3%	19.7	16.0	2.5	2.4	1.5	10.0
S&P/BMV IRT SmallCap	MXN	20	-0.6%	2.1%	0.4%	3.7%	4.8%	12.2%	11.4%	16.8	16.6	1.9	1.3	1.1	8.0
S&P/BMV Mexico (INMEX)	MXN	20	5.8%	-2.1%	-1.7%	5.0%	6.3%	11.8%	11.7%	23.2	7.7	2.4	2.4	1.5	12.6
S&P/BMV MidCap Select 30*	MXN	30	1.7%	-0.6%	-6.2%	4.5%	7.3%	11.1%	10.2%	16.7	13.4	2.4	1.7	1.4	9.1
S&P/BMV Dividend / Rentable	MXN	20	3.8%	-2.9%	-1.4%	6.1%	6.9%	11.3%	11.5%	20.8	6.8	2.7	2.2	1.5	21.8
S&P/BMV Bursa Optimo Index	MXN	30	4.2%	-2.4%	-5.4%	4.9%	4.7%	11.2%	11.1%	21.5	9.6	2.3	2.3	1.5	18.8
S&P/BMV Quality, Value, & Growth	MXN	24	1.1%	-6.2%	-10.4%	5.3%	5.3%	10.7%	10.6%	17.4	14.8	2.3	2.1	2.1	12.5
S&P/BMV Market Makers	MXN	23	-2.0%	-1.3%	-3.6%	6.0%	4.3%	10.1%	10.5%	14.8	13.0	2.0	1.5	1.3	15.6
Real Estate/ Bienes & Raices															
S&P/BMV FIBRAS Index	MXN	10	0.2%	0.7%	-4.3%	3.3%	2.3%	11.1%	11.4%	10.2	11.5	7.7	0.7	6.4	8.9
S&P/BMV Housing / HABITA Index	MXN	6	-7.1%	-13.7%	-6.9%	-1.1%	-11.5%	18.1%	24.7%	9.8	13.0	2.3	0.9	1.0	11.0
Sustainability/Sustentable															
S&P/BMV IPC Sustainable S&P/BMV IPC Sustentable	MXN	30	4.7%	-2.0%	-2.0%	4.6%	5.4%	11.4%	11.3%	23.1	8.6	2.3	2.4	1.5	12.0
International Indices															
S&P/BMV Brazil 15 Index	MXN	15	-16.1%	-15.1%	11.3%	12.7%	6.8%	33.7%	30.6%	22.1	8.3	3.1	1.5	1.0	10.0
S&P/BMV China SX20 Index	MXN	20	11.2%	0.6%	28.8%	28.2%	31.4%	22.2%	21.5%	23.5	15.8	1.8	1.9	1.2	6.6
S&P/BMV Mexico-Brazil Index	MXN	20	-6.8%	-7.0%	5.6%	7.8%	7.1%	14.4%	14.4%	20.9	7.2	2.5	2.0	1.6	14.4
Leverage/Inverse Indices *															
S&P/BMV IPC 2X Leverage Daily S&P/BMV IPC Diario Doble	MXN	-	6.4%	-7.4%	-9.6%	2.2%	4.8%	22.4%	22.2%	-	-	-	-	-	-
S&P/BMV IPC Inverse Daily S&P/BMV IPC Diario Inverso	MXN	-	-3.5%	2.8%	3.5%	-3.3%	-4.7%	11.2%	11.0%	-	-	-	-	-	-

Source: S&P Dow Jones Indices LLC. Index performance primarily based on total return. Data as of June 29, 2018. Past performance is no guarantee of future results. Table is provided for illustrative purposes and reflects hypothetical historical performance. Please see the Performance Disclosure at the end of this document for more information regarding the inherent limitations associated with backtested performance.

<sup>\*</sup>Index performance is based on price return.

June 29, 2018

		Index Performance					Std Dev Index Fundament					nental	tals		
Index Name	Curr ency	Count	QTD	YTD	1-Yr	3-Yr	5-Yr	3-Yr	5-Yr	P/E Trailing	P/E Forward	Div Yield	P/B	P/S	P/CF
Mexico															
<b>Economic Activities/ Actividad Economica</b>															
S&P/BMV Commercial Services	MXN	18	3.8%	-3.8%	-6.2%	8.1%	5.3%	13.1%	13.0%	24.8	21.6	1.9	2.7	1.6	10.4
S&P/BMV Construction Index	MXN	15	0.2%	-4.6%	-4.5%	-0.5%	-8.2%	17.6%	19.0%	15.6	5.5	1.8	1.3	1.9	8.4
S&P/BMV Financial Services	MXN	11	4.2%	4.1%	-1.2%	9.4%	10.6%	15.5%	13.5%	11.1	11.9	3.0	1.8	5.1	NM
S&P/BMV Infrastructure & Transportation (Enlace)	MXN	12	-0.6%	-6.8%	-10.9%	6.8%	9.3%	13.6%	12.2%	26.0	18.9	1.7	2.5	1.9	9.7
S&P/BMV Manufacturing, Electricity, & Water (Transforma)	MXN	28	2.0%	-3.5%	-8.6%	4.1%	2.5%	10.8%	12.2%	27.5	6.4	2.0	1.9	1.0	8.1
S&P/BMV Mining & Agriculture (Extractiva)	MXN	7	-4.9%	-11.3%	7.9%	6.4%	0.4%	28.3%	24.2%	13.5	10.7	3.7	1.8	1.9	6.5
S&P/BMV Retail & Distributors (Comercio)	MXN	17	3.8%	-2.9%	-6.0%	-0.4%	-0.5%	11.8%	11.9%	22.0	16.7	1.6	2.2	0.9	9.5
Investable Select Sectors															
S&P/BMV Consumer Staples Select Sector (Cons. Frecuente)	MXN	15	2.2%	-5.5%	-4.8%	5.8%	5.2%	11.2%	12.6%	27.4	20.3	2.2	2.6	1.2	12.8
S&P/BMV Financials Select Sector	MXN	11	4.1%	4.0%	-1.4%	1.5%	5.4%	15.6%	13.9%	11.1	11.9	3.0	1.8	5.1	NM
S&P/BMV Industrials Select Sector	MXN	18	0.4%	-4.0%	-13.2%	0.5%	2.8%	13.4%	12.3%	20.6	13.9	2.4	1.9	1.3	9.1
S&P/BMV Materials Select Sector	MXN	13	4.6%	-1.5%	-0.4%	9.9%	4.5%	18.8%	16.8%	22.8	6.0	1.6	1.5	1.0	6.9
Analytical Sectors /Sectores Analiticos*															
S&P/BMV Consumer Discretionary Sector (Serv. de Cons. No Basico)	MXN	16	2.6%	-9.0%	-17.2%	8.7%	9.3%	17.9%	15.5%	17.8	17.0	1.5	1.9	1.5	8.2
S&P/BMV Consumer Staples Sector (Prod. de Cons. Frecuente)	MXN	18	4.3%	-1.4%	2.9%	6.2%	5.3%	11.0%	11.3%	23.1	22.6	2.2	2.9	1.3	14.6
S&P/BMV Financials Sector (Serv. Financieros)	MXN	24	1.2%	0.4%	-4.4%	-1.7%	3.7%	15.4%	13.8%	11.6	11.6	3.2	1.8	5.1	NM
S&P/BMV Health Care Sector (Salud)	MXN	4	-2.0%	-3.0%	-2.9%	1.3%	-0.8%	13.3%	15.8%	23.0	15.6	0.4	2.5	8.0	23.3
S&P/BMV Industrials Sector	MXN	32	-2.3%	-5.6%	-12.8%	1.0%	4.5%	11.2%	11.2%	18.4	12.0	1.8	1.9	1.4	8.8
S&P/BMV Materials Sector	MXN	20	-0.5%	-6.9%	-1.4%	7.7%	4.2%	19.3%	16.7%	17.2	4.8	2.5	1.6	1.3	6.8
S&P/BMV Telecom Services Sector	MXN	8	1.3%	-1.3%	5.9%	3.2%	7.5%	13.6%	11.8%	60.5	17.0	1.5	4.1	1.2	5.6

Source: S&P Dow Jones Indices LLC. Index performance primarily based on total return. Data as of June 29, 2018. Past performance is no guarantee of future results. Table is provided for illustrative purposes and reflects hypothetical historical performance. Please see the Performance Disclosure at the end of this document for more information regarding the inherent limitations associated with backtested performance.

<sup>\*</sup>Index performance is based on price return.

June 29, 2018

				Index	Perform	nance		Std I	Dev	Index Fundamentals						
Index Name	Currency	Count	QTD	YTD	1-Yr	3-Yr	5-Yr	3-Yr	5-Yr	P/E Trailing	P/E Forward	Div Yield	P/B	P/S	P/CF	
Peru																
S&P/BVL Peru General Index †	PEN	41	-3.7%	-0.9%	22.7%	14.7%	5.0%	19.9%	19.0%	23.1	13.5	2.3	1.7	1.6	11.6	
Car / 5 v 2 v Gra Gerrerar maex	USD		-5.0%	-2.0%	21.9%	13.6%	-	22.5%	-	20.1	10.0	2.0	• • •	1.0	11.0	
S&P/BVL Peru Select Index	PEN	18	-3.0%	1.6%	26.3%	16.5%	8.6%	21.7%	19.0%	33.0	13.1	2.3	1.9	1.4	11.8	
	USD		-4.3%	0.4%	25.4%	15.3%	5.2%	24.4%	21.2%	00.0						
S&P/BVL IBGC Index	PEN	6	-0.4%	3.3%	25.9%	19.0%	8.2%	25.9%	22.0%	2.0%	13.8	2.6	1.9	1.6	17.4	
	USD	· ·	-1.8%	2.2%	25.0%	17.8%	-	28.4%	-							
S&P/BVL Peru Dividend Index	PEN	13	-5.6%	-2.2%	27.4%	23.6%	16.0%	25.9%	22.3%	12.3	11.4	7.4	1.5	1.4	10.2	
	USD		-7.0%	-3.4%	26.5%	22.4%	12.2%	28.3%	24.3%							
Sector and Sub-Sector Indices																
S&P/BVL Construction Index	PEN	6	1.5%	1.7%	14.1%	1.4%	-9.9%	37.4%	31.3%	97.2	14.5	2.8	1.0	0.6	5.7	
	USD		0.1%	0.5%	13.3%	0.3%	-12.8%	39.9%	33.4%							
S&P/BVL Consumer Index	PEN	8	4.6%	11.2%	38.3%	22.7%	6.1%	17.9%	17.9%	13.3	22.1	1.0	1.7	0.8	6.3	
	USD		3.2%	9.9%	37.3%	21.5%	2.7%	19.8%	19.6%							
S&P/BVL Electric Utilities Index	PEN	4	-0.6%	-2.9%	-5.8%	-3.5%	1.3%	19.4%	16.5%	11.6	11.9	4.5	1.6	1.9	6.8	
	USD		-2.0%	-4.0%	-6.4%	-4.5%	-2.0%	21.8%	18.1%					-		
S&P/BVL Financials Index	PEN	6	1.8%	9.0%	27.4%	20.1%	16.6%	20.8%	18.8%	16.3	15.7	2.0	2.9	10.6	NM	
	USD		0.3%	7.7%	26.5%	18.9%	12.9%	22.1%	20.1%							
S&P/BVL Industrials Index	PEN	9	-0.6%	0.0%	21.5%	7.8%	-6.4%	32.6%	27.8%	22.8	11.0	3.6	1.0	0.5	5.9	
	USD		-1.9%	-1.1%	20.6%	6.7%	-9.4%	35.2%	30.1%							
S&P/BVL Juniors Index	PEN	3	-6.5%	-26.7%	56.4%	7.4%	-4.7%	66.0%	61.2%	NM	_	_	0.8	_	NM	
	USD		-7.8%	-27.6%	55.3%	6.3%	-	65.1%	-							
S&P/BVL Mining Index	PEN	14	-12.2%	-10.6%	22.9%	13.7%	10.1%	24.0%	23.4%	NM	12.4	2.1	1.8	2.4	9.1	
<del>-</del>	USD		-13.4%	-11.6%	22.1%	12.6%	6.6%	27.2%	25.5%							
S&P/BVL Public Services Index	PEN	4	-0.6%	-2.9%	-5.8%	-3.5%	4.2%	19.4%	16.5%	11.6	11.9	4.5	1.6	1.9	6.8	
	USD		-2.0%	-4.0%	-6.4%	-4.5%	0.9%	21.8%	18.2%				-	•		

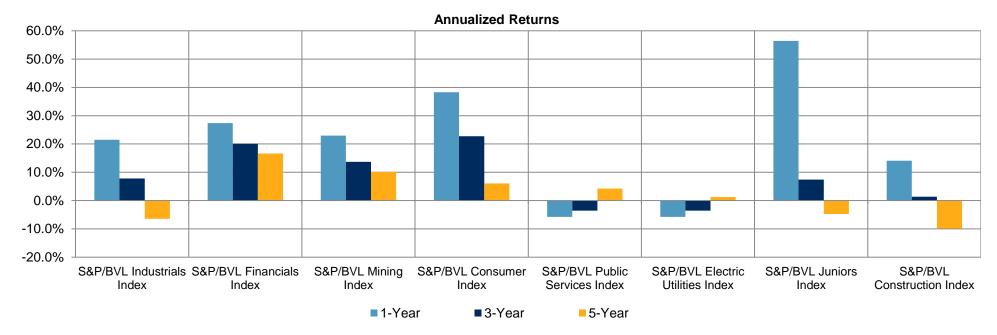
Source: S&P Dow Jones Indices LLC. Index performance primarily based on total return. Data as of June 29, 2018. Past performance is no guarantee of future results. Table is provided for illustrative purposes and reflects hypothetical historical performance. †To maintain consistency in the data, historical performance for the S&P/BVL Peru General Index uses float-adjusted market capitalization weighting methodology. Please see the Performance Disclosure at the end of this document for more information regarding the inherent limitations associated with back-tested performance.

### Top Performers in the S&P/BVL Peru General Index

Company	Rank	<b>Price Change</b>
Empresa Siderurgica del Peru S.A.A.	1	35.4%
PPX Mining Corp	2	21.7%
InRetail Peru Corp.	3	12.4%
Corporacion Aceros Arequipa S.A.	4	9.8%
UCP Backus & Johnston S.A.A. Inv	5	7.7%
Grana Y Montero	6	7.4%
Alicorp SA Inv	7	1.8%
Corporacion Aceros Arequipa S.A. Inv	8	1.2%
UCP Backus & Johnston S.A.A. B	9	1.1%
RIMAC Seguros y Reaseguros	10	0.8%

#### Bottom Performers in the S&P/BVL Peru General Index

Company	Rank	Price Change
Compania Minera Atacocha S.A.A. B	42	-35.9%
Volcan Compania Minera S.A.A. B	41	-33.5%
Trevali Mining Corporation	40	-31.6%
Refineria La Pampilla SAA A	39	-27.3%
Empresa Agro Indl Casa Grande	38	-26.4%
Sociedad Minera El Brocal S.A.A.	37	-23.5%
Candente Copper Corp	36	-21.3%
Panoro Minerals Ltd.	35	-19.2%
Bolsa de Valores de Lima S.A.	34	-17.8%
Minera Milpo	33	-17.3%



Source: S&P Dow Jones Indices LLC. Data as of June 29, 2018. Past performance is no guarantee of future results. Table is provided for illustrative purposes. Top and Bottom Performers tables reflect the largest and lowest price changes in USD for the stated period.

#### Performance Disclosure

The S&P/BOVESPA Non-State Owned Enterprises was launched June 1, 2017. The S&P/BOVESPA Inverse-Risk Weighted, S&P/BOVESPA Enhanced Value, S&P/BOVESPA Low Volatility, S&P/BOVESPA Momentum, and S&P/BOVESPA Quality indices were launched on April 30, 2015. The S&P Brazil Sector GDP Weighted was launched November 4, 2014, S&P Dividend Aristocrats Brasi llaunched on August 1, 2012, S&P Brazil Dividend Opportunities and S&P S&P Brazil Dividend Opportunities SmallMidCap indices were launched on February 8, 2013. The S&P/BVL Peru General was launched April 30, 2015, S&P/BVL Peru Select was launched December 1, 2014. All S&P/BVL Sectors and subsectors were launched on December 1, 2014. The S&P/BVL Peru Dividend Index was launched May 25, 2017. The Dow Jones Sustainability Chile was launched September 28, 2015. The S&P Colombia Select Index was launched October 31, 2013. The S&P MILA Andean 40 was launched on August 29, 2011. S&P MILA Pacific Alliance Completion, S&P MILA Pacific Alliance Select Ex-REITs index was launched May 18, 2015. The S&/BMV Mexico Target Risk Index Series was launced November 1, 2016. The S&P MILA Pacific Alliance Midcap, Smallcap and Midsmallcap Indices were launched October 3, 2016.

All information presented prior to the index launch date is back-tested. All information presented prior to an index's Launch Date is hypothetical (back-tested), not actual performance. The back-test calculations are based on the same methodology that was in effect on the index Launch Date. Complete index methodology details are available at www.spdji.com.

S&P Dow Jones Indices defines various dates to assist our clients in providing transparency. The First Value Date is the first day for which there is a calculated value (either live or back-tested) for a given index. The Base Date is the date at which the Index is set at a fixed value for calculation purposes. The Launch Date designates the date upon which the values of an index are first considered live: index values provided for any date or time period prior to the index's Launch Date are considered back-tested. S&P Dow Jones Indices defines the Launch Date as the date by which the values of an index are known to have been released to the public, for example via the company's public website or its datafeed to external parties. For Dow Jones-branded indices introduced prior to May 31, 2013, the Launch Date (which prior to May 31, 2013, was termed "Date of introduction") is set at a date upon which no further changes were permitted to be made to the index methodology, but that may have been prior to the Index's public release date.

Past performance of the Index is not an indication of future results. Prospective application of the methodology used to construct the Index may not result in performance commensurate with the back-test returns shown. The back-test period does not necessarily correspond to the entire available history of the Index. Please refer to the methodology paper for the Index, available at www.spdji.com for more details about the index, including the manner in which it is rebalanced, the timing of such rebalancing, criteria for additions and deletions, as well as all index calculations.

Another limitation of using back-tested information is that the back-tested calculation is generally prepared with the benefit of hindsight. Back-tested information reflects the application of the index methodology and selection of index constituents in hindsight. No hypothetical record can completely account for the impact of financial risk in actual trading. For example, there are numerous factors related to the equities, fixed income, or commodities markets in general which cannot be, and have not been accounted for in the preparation of the index information set forth, all of which can affect actual performance.

The Index returns shown do not represent the results of actual trading of investable assets/securities. S&P Dow Jones Indices LLC maintains the Index and calculates the Index levels and performance shown or discussed, but does not manage actual assets. Index returns do not reflect payment of any sales charges or fees an investor may pay to purchase the securities underlying the Index or investment funds that are intended to track the performance of the Index. The imposition of these fees and charges would cause actual and back-tested performance of the securities/fund to be lower than the Index performance shown. As a simple example, if an index returned 10% on a US \$100,000 investment for a 12-month period (or US \$10,000) and an actual asset-based fee of 1.5% was imposed at the end of the period on the investment plus accrued interest (or US \$1,650), the net return would be 8.35% (or US \$8,350) for the year. Over a three year period, an annual 1.5% fee taken at year end with an assumed 10% return per year would result in a cumulative gross return of 33.10%, a total fee of US \$5,375, and a cumulative net return of 27.2% (or US \$27,200).

#### General Disclaimer

Copyright © 2018 by S&P Dow Jones Indices LLC. All rights reserved. Standard & Poor's ®, S&P 500 ® and S&P ® are registered trademarks of Standard & Poor's Financial Services LLC. ("S&P"), a subsidiary of S&P Global. Dow Jones ® is a registered trademark of Dow Jones Trademark Holdings LLC ("Dow Jones"). Trademarks have been licensed to S&P Dow Jones Indices LLC. Redistribution, reproduction and/or photocopying in whole or in part are prohibited without written permission. This document does not constitute an offer of services in jurisdictions where S&P Dow Jones Indices LLC, Dow Jones, S&P or their respective affiliates (collectively "S&P Dow Jones Indices") do not have the necessary licenses. All information provided by S&P Dow Jones Indices is impersonal and not tailored to the needs of any person, entity or group of persons. S&P Dow Jones Indices receives compensation in connection with licensing its indices to third parties. Past performance of an index is not a guarantee of future results.

It is not possible to invest directly in an index. Exposure to an asset class represented by an index is available through investable instruments based on that index. S&P Dow Jones Indices does not sponsor, endorse, sell, promote or manage any investment fund or other investment vehicle that is offered by third parties and that seeks to provide an investment return based on the performance of any index. S&P Dow Jones Indices makes no assurance that investment products based on the index will accurately track index performance or provide positive investment returns. S&P Dow Jones Indices LLC is not an investment advisor, and S&P Dow Jones Indices makes no representation regarding the advisability of investing in any such investment fund or other investment fund or other investment twelicle. A decision to invest in any such investment fund or other investment vehicle should not be made in reliance on any of the statements set forth in this document. Prospective investors are advised to make an investment in any such fund or other vehicle only after carefully considering the risks associated with investing in such funds, as detailed in an offering memorandum or similar document that is prepared by or on behalf of the issuer of the investment fund or other vehicle. Inclusion of a security within an index is not a recommendation by S&P Dow Jones Indices to buy, sell, or hold such security, nor is it considered to be investment advice.

These materials have been prepared solely for informational purposes based upon information generally available to the public and from sources believed to be reliable. No content contained in these materials (including index data, ratings, credit-related analyses and data, research, valuations, model, software or other application or output thereform) or any part thereof (Content) may be modified, reverse-engineered, reproduced or distributed in any form or by any means, or stored in a database or retrieval system, without the prior written permission of S&P Dow Jones Indices. The Content shall not be used for any unlawful or unauthorized purposes. S&P Dow Jones Indices and its third-party data providers and licensors (collectively "S&P Dow Jones Indices Parties") do not guarantee the accuracy, c ompleteness, timeliness or availability of the Content. S&P Dow Jones Indices Parties are not responsible for any errors or omissions, regardless of the cause, for the results obtained from the use of the Content. THE CONTENT IS PROVIDED ON AN "AS IS" BASIS. S&P DOW JONES INDICES PARTIES DISCLAIM ANY AND ALL EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE, FREEDOM FROM BUGS, SOFTWARE ERRORS OR DEFECTS, THAT THE CONTENT'S FUNCTIONING WILL BE UNINTERRUPTED OR THAT THE CONTENT WILL OPERATE WITH ANY SOFTWARE OR HARDWARE CONFIGURATION. In no event shall S&P Dow Jones Indices Parties be liable to any party for any direct, incidental, exemplary, compensatory, punitive, special or consequential damages, costs, expenses, legal fees, or losses (including, without limitation, lost income or lost profits and opportunity costs) in connection with any use of the Content even if advised of the possibility of such damages.

S&P Dow Jones Indices keeps certain activities of its business units separate from each other in order to preserve the independence and objectivity of their respective activities. As a result, certain business units of S&P Dow Jones Indices may have information that is not available to other business units. S&P Dow Jones Indices has established policies and procedures to maintain the confidentiality of certain non-public information received in connection with each analytical process.

In addition, S&P Dow Jones Indices provides a wide range of services to, or relating to, many organizations, including issuers of securities, investment advisers, broker-dealers, investment banks, other financial institutions and financial intermediaries, and accordingly may receive fees or other economic benefits from those organizations, including organizations whose securities or services they may recommend, rate, include in model portfolios, evaluate or otherwise address.