### S&P Dow Jones Indices

A Division of S&P Global

# S&P/BMV Fixed Income Indices Methodology

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# **Table of Contents**

Introduction		3
	Index Objective	3
	Index Families	3
	Supporting Documents	4
Eligibility Cri	teria	5
	Eligible Securities	5
	Pricing and Analytics	7
Sub-Index R	Rules	8
	S&P/BMV Sovereign CETES 7+ Day Bond Indices	8
	Government MBONOS Indices	8
	Inflation-Linked UDIBONOS Indices	9
	International UMS Indices	9
	Sovereign Indices	10
	Quasi-Sovereign Indices	11
	Corporate Bond Indices	11
	Money Market Indices	13
	Money Market Rate Indices	13
Index Const	ruction	14
	Index Weighting and Index Calculations	14
	Total return	15
	Accrued Interest	15
	Ratings Conventions	16
Index Mainte	enance	17
	Rebalancing	17
	Currency of Calculation and Additional Index Return Series	18
	Base Dates and History Availability	18
Index Governance		20
	Index Committee	20
Index Policy		21
	Announcements	21
	Holiday Schedule	21
	Rebalancing	21

	End-of-Day Calculation	21
	Recalculation Policy	21
	Contact Information	21
Index Dissem	ination	22
	Tickers	22
	Index Data	24
	Web site	24
Appendix A		25
	S&P/BMV Green, Social & Sustainable Target Duration Bond Index	25
Appendix B		26
	Bank Funding (Same Day and 24 Hour Indices)	26
	Government Funding (Same Day and 24 Hour Indices)	26
	Tasa de Interés Interbancaria de Equilibrio (TIIE) 28 (Same Day and 24 Hour Indices)	27
	Promissory Note 91 and 28 Days Rate (Same Day and 24 Hour Indices)	27
	U.S. Fed Funds Target Rate (Same Day and 24 Hour Indices)	28
Appendix C		29
	24hr Indices	29
Appendix D		30
	S&P/BMV Sovereign International UMS 5-10 Year Target Maturity 30% Capped Bond Index (USD): Liquidity Score Calculation and Tiebreakers	30
Appendix E		31
	Methodology Changes	31
Disclaimer		33
	Performance Disclosure/Back-Tested Data	33
	Intellectual Property Notices/Disclaimer	34
	ESG Indices Disclaimer	36

## Introduction

#### **Index Objective**

The S&P/BMV Fixed Income Indices are designed to objectively measure the performance, in Mexican pesos (MXN) unless otherwise stated, of the Mexican fixed income market and are composed of a universe of fixed income securities issued in the domestic Mexican market and internationally.

Valmer, a subsidiary of the Bolsa Mexicana de Valores, S.A.B. DE C.V. ("BMV"), provides daily updated prices for the valuation of financial instruments, as well as comprehensive calculation, reporting, analysis, and risk management associated with these prices. Valmer, founded in 2000, is regulated and supervised by the National Banking and Securities Commission.

Indices are categorized under four distinct index families:

• Sovereign Bond Indices

- Corporate Bond Indices
- Quasi-Sovereign Bond Indices
- Money Market Indices

The S&P/BMV Fixed Income Indices are market value weighted—except for the S&P/BMV Quasi-Sovereign & Bank Floating Rate Composite Equal Weight 1+ Year Index and the S&P/BMV Sovereign International UMS 5-10 Year Target Maturity 30% Capped Bond Index.

#### **Index Families**

The S&P/BMV Fixed Income Indices include the following indices categorized into four index families by index type:

Index Type	Index
Sovereign Bond Indices	S&P/BMV Government CETES Bond Index
	<ul> <li>S&amp;P/BMV Sovereign CETES 7+ Day Bond Index</li> </ul>
	S&P/BMV Sovereign MBONOS Bond Index
	<ul> <li>S&amp;P/BMV Sovereign UDIBONOS Bond Index</li> </ul>
	S&P/BMV Sovereign International UMS Bond Index (USD & MXN)
	S&P/BMV All Sovereign Bond Index
	S&P/BMV Mexico Sovereign Bond Index
	S&P/BMV Sovereign UDIBONOS & CBIC Bond Index
Quasi-Sovereign Bond Indices	S&P/BMV Quasi-Sovereign Bond Index
_	S&P/BMV Quasi-Sovereign & Bank Floating Rate Composite Equal
	Weight 1+ Year Index
	<ul> <li>S&amp;P/BMV Quasi-Sovereign Floating Rate Bond Index</li> </ul>
	<ul> <li>S&amp;P/BMV Quasi-Sovereign Fixed Rate Bond Index</li> </ul>
	<ul> <li>S&amp;P/BMV Quasi-Sovereign Inflation-Linked Bond Index</li> </ul>
	S&P/BMV CEDEVIS Bond Index
	S&P/BMV TFOVIS Bond Index
Corporate Bond Indices	S&P/BMV Corporate Bond Index
	<ul> <li>S&amp;P/BMV Corporate Fixed Coupon Bond Index</li> </ul>
	<ul> <li>S&amp;P/BMV Corporate Variable Coupon Bond Index</li> </ul>
	<ul> <li>S&amp;P/BMV Corporate Inflation-Linked Coupon Bond Index</li> </ul>
	<ul> <li>S&amp;P/BMV Corporate Eurobonos Bond Index</li> </ul>
	<ul> <li>S&amp;P/BMV Corporate Eurobonos Spot Bond Index</li> </ul>
	S&P/BMV Corporate ABS Bond Index
Money Market Indices	S&P/BMV Promissory Note Bond Index

#### Collaboration

Pursuant to an Index Operation And License Agreement dated May 14, 2015 (the "Agreement") between S&P Dow Jones Indices LLC ("S&P DJI") and Bolsa Mexicana de Valores, S.A.B. DE C.V. ("BMV"), as amended, S&P DJI and BMV have agreed to jointly publish and co-brand a family of indices (the "Indices"). The Indices will be co-branded with the S&P/BMV naming convention on October 3, 2016, in conjunction with S&P Dow Jones Indices' assumption of index calculation and maintenance.

#### **Supporting Documents**

This methodology is meant to be read in conjunction with supporting documents providing greater detail with respect to the policies, procedures and calculations described herein. References throughout the methodology direct the reader to the relevant supporting document for further information on a specific topic. The list of the main supplemental documents for this methodology and the hyperlinks to those documents is as follows:

Supporting Document	URL
S&P Dow Jones Indices' Fixed Income Policies & Practices Methodology	Fixed Income Policies & Practices
S&P Dow Jones Indices' Fixed Income Index Mathematics Methodology	Index Mathematics Methodology

This methodology was created by S&P Dow Jones Indices to achieve the aforementioned objective of measuring the underlying interest of each index governed by this methodology document. Any changes to or deviations from this methodology are made in the sole judgment and discretion of S&P Dow Jones Indices so that the index continues to achieve its objective.

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# **Eligibility Criteria**

#### **Eligible Securities**

Maturity. No bond matures in an index. See below for specific index maturity criteria.

**Sovereign Bond Indices.** The table below describes the eligible securities for the sovereign bond headline indices.

Index	Eligible Securities
S&P/BMV Government CETES Bond Index	Constituents must be Mexican government securities with a maturity greater than one month and less than one year and denominated in MXN. Bonds included in the index must be issued after January 2003 and are subject to income tax.
S&P/BMV Sovereign	Constituents must be Mexican government Treasury Certificate securities
S&P/BMV Sovereign MBONOS Bond Index	Constituents must be Mexican government Treasury Bonds with a maturity greater than one month and denominated in MXN.
S&P/BMV Sovereign UDIBONOS Bond Index	Constituents must be Mexican government Treasury Bonds with a maturity greater than or equal to one month and denominated in Inflation Index Investment Units (Unidades de Inversion or UDI).
S&P/BMV Sovereign International UMS Bond Index	Constituents must be Mexican government securities issued outside of Mexico with a maturity greater than one year and denominated in US\$.
S&P/BMV All Sovereign Bond Index	Constituents must be Mexican government securities rated by at least one credit agency with a maturity greater than or equal to one month and denominated in MXN or Inflation Index Investment Units (Unidades de Inversion or UDI).
S&P/BMV Mexico Sovereign Bond Index	Constituents must be fixed rate or zero coupon Mexican government securities, rated by at least one credit agency with a maturity of more than one month, a par amount outstanding exceeding MXN 250 million, and denominated in MXN.
S&P/BMV Sovereign UDIBONOS & CBIC Bond Index	Constituents must be Mexican government Treasury Bonds with a maturity greater than or equal to one month, denominated in Inflation Index Investment Units (Unidades de Inversion or UDI), and Trust Securitizations in which CI Titulización de Activos, S.A. de C.V acts as Trustor and the assets are toll road rights with a maturity greater than or equal to one month.

**Quasi-Sovereign Bond Indices.** The table below describes the eligible securities for the quasisovereign bond headline index.

Index	Eligible Securities
S&P/BMV Quasi-Sovereign	Constituents must be government agency issued quasi-sovereign bonds with
Bond Index	a maturity greater than one month and denominated in MXN.
S&P/BMV Quasi-Sovereign	Constituents must be issued in the local market by Quasi-Sovereign entities
& Bank Floating Rate	or Certificates of Deposit of state banks, not be private placements, with a
Composite Equal Weight	maturity greater than one year, a minimum par amount outstanding of MXN 1
1+ Year Index	billion and linked to the Tasa de Interés Interbancaria de Equilibrio (TIIE) 28
	yield curve.

**Corporate Bond Indices.** The table below describes the eligible securities for the corporate bond headline index.

Index	Eligible Securities
S&P/BMV Corporate Bond Index	Constituents must be corporate issued bonds with a maturity greater than or equal to 31 days.
S&P/BMV Corporate Eurobonos Bond Index	Constituents must be Mexican corporate bonds issued in the Eurobond Market and in a different currency than MXN, with a minimum par amount outstanding of US\$ 100 million. The Foreign Exchange rate is the FIX rate set by the Mexico Central Bank every business day.
S&P/BMV Corporate Eurobonos Spot Bond Index	Constituents must be Mexican corporate bonds issued in the Eurobond Market and in a different currency than MXN, with a minimum par amount outstanding of US\$ 100 million. The Foreign Exchange rate is the SPOT rate quoted at 14:00 (GMT -6) by the BMV.
S&P/BMV Corporate ABS Bond Index	Constituents must be asset-backed securities issued by a Trust (Tradeable Certificates "Certificados Bursatiles" as defined by the Mexican Exchange Act "Ley del Mercado de Valores" Art. 62-II), with a maturity date greater than three months, a minimum par amount outstanding of MXN 250 million, a Fixed or Floating Nominal coupon rate, and a minimum credit rating of A- or its equivalent.

**Money Market Indices.** The table below describes the eligible securities for the money market headline index.

Index	Eligible Securities
S&P/BMV Promissory Note	Constituents must be bank issued promissory notes with a maturity greater than
Bond Index	or equal to 31 days and denominated in MXN.

ESG Indices. The table below describes the eligible securities for the ESG headline index.

Index	Eligible Securities
S&P/BMV Green, Social & Sustainable Target Duration Bond Index	Constituents must be classified by the BMV as either value type <sup>1</sup> LG or CD. If classified as value type CD, the constituent must also be classified as one of the following bond types <sup>2</sup> :
	<ul> <li>Bonos Verdes: green bonds raise resources to finance environmental projects. <i>Project Examples</i>: Renewable energy, clean transportation, and waste management.</li> </ul>
	<ul> <li>Bonos de Género: gender bonds raise resources to finance empowerment and gender equality projects. <i>Project Examples</i>: Loans for women and labor inclusion efforts.</li> </ul>
	<ul> <li>Bonos Sociales: social bonds raise resources to finance social projects. Project Examples: Food safety, financial inclusion, affordable housing, and education and employment.</li> </ul>
	<ul> <li>Bonos Sustentables: sustainable bonds raise resources to finance projects with green and social benefits. <i>Project Examples</i>: Infrastructure and financing to Small and Medium Enterprises (SMEs) in vulnerable communities.</li> </ul>
	Bonos Ligados a la Sustentabilidad: bonds linked to sustainability raise capital to meet key sustainability indicators of the organization. <i>Project Examples</i> : Reductions of Greenhouse Gas (GHG) emissions, water consumption, and energy efficiency.
	The index must include at least 10 constituents. Securities must be issued by a Mexican entity, have a par amount outstanding greater than 1 billion MXN <sup>3</sup> , and be rated by at least one international rating agency. In addition, the bonds' remaining time to maturity must be greater than one quarter. Inflation-linked bonds are not eligible.

<sup>&</sup>lt;sup>1</sup> For information on value type definitions, please refer to the BMV's catalog of value types available <u>here</u> (Spanish only).

<sup>&</sup>lt;sup>2</sup> BMV provides the bond classification definitions, for more information please refer to the BMV.

<sup>&</sup>lt;sup>3</sup> In case less than 10 securities qualify to the index, the par amount rule will be relax until at least 10 bonds become eligible.

### **Pricing and Analytics**

Daily pricing is provided by Valmer.

## Sub-Index Rules

Eligible securities for sub-indices are described in the following tables.

### S&P/BMV Sovereign CETES 7+ Day Bond Indices

Sub-Index	Eligible Securities
S&P/BMV Sovereign CETES 7	Constituents must be Mexican government securities with a maturity equal to
Day Bond Index	seven days and denominated in MXN.
S&P/BMV Sovereign CETES 28	Constituents must be Mexican government securities with a maturity equal to
Day Bond Index	28 days and denominated in MXN.
S&P/BMV Sovereign CETES 91	Constituents must be Mexican government securities with a maturity equal to
Day Bond Index	91 days denominated in MXN.
S&P/BMV Sovereign CETES	Constituents must be Mexican government securities with a maturity between
182 Day Bond Index	154 and 183 days and denominated in MXN.
S&P/BMV Sovereign CETES	Constituents must be Mexican government securities with a maturity between
364 Day Bond Index	308 and 365 days and denominated in MXN.
S&P/BMV Sovereign CETES All	Constituents must be Mexican government securities with a maturity less than
28 Day Bond Index	or equal to 28 days and denominated in MXN.
S&P/BMV Sovereign CETES All	Constituents must be Mexican government securities with a maturity less than
91 Day Bond Index	or equal to 91 days denominated in MXN

#### **Government MBONOS Indices**

Sub-Index Eligible Securities	
S&P/BMV Government Constituents must be Mexican government securities with a maturity betw	veen
MBONOS 1-5 Year Bond Index   one and five years and denominated in MXN. The bonds included in the	ndex
must be issued after January 2003 and are subject to income tax.	
S&P/BMV Sovereign MBONOS   Constituents must be Mexican government securities with a maturity betw	veen
1-3 Year Bond Index one and three years and denominated in MXN.	
S&P/BMV Sovereign MBONOS   Constituents must be Mexican government securities with a maturity betw	veen
3-5 Year Bond Index three and five years and denominated in MXN.	
S&P/BMV Government Constituents must be Mexican government securities with a maturity betw	veen
MBONOS 5-10 Year Bond Index   five and 10 years and denominated in MXN. The bonds included in the ir	dex
must be issued after January 2003 and are subject to income tax.	
S&P/BMV Sovereign MBONOS Constituents must be Mexican government securities with a maturity bet	veen
5-10 Year Bond Index five and 10 years and denominated in MXN.	
S&P/BMV Sovereign MBONOS   Constituents must be Mexican government securities with a maturity betw	veen
10-20 Year Bond Index     10 and 20 years and denominated in MXN.	
S&P/BMV Sovereign MBONOS Constituents must be Mexican government securities with a maturity greater	ter
20+ Year Bond Index than or equal to 20 years and denominated in MXN.	
S&P/BMV Sovereign MBONOS   Constituents must be Mexican government securities with a maturity betw	veen
600-1500 Day Bond Index 600 and 1500 days and denominated in MXN.	
S&P/BMV Sovereign MBONOS   Constituents must be Mexican government securities with a maturity greater	ter
1500+ Day Bond Index than or equal to 1500 days and denominated in MXN.	

### Inflation-Linked UDIBONOS Indices

Sub-Index	Eligible Securities
S&P/BMV Mexico Sovereign Inflation-Linked Bond Index	Constituents must be Mexican government securities with a maturity greater than one month, a par amount outstanding exceeding UDI 1 billion and denominated in Inflation Index Investment Units (Unidades de Inversion or
	UDI). The bonds included in the index must be issued after January 2003 and are subject to income tax.
S&P/BMV Government Inflation- Linked UDIBONOS 1+ Year Bond Index	Constituents must be Mexican government securities with a maturity greater than or equal to one year and denominated in Inflation Index Investment Units (Unidades de Inversion or UDI). The bonds included in the index must be issued after January 2003 and are subject to income tax.
S&P/BMV Sovereign UDIBONOS Inflation-Linked 1-3 Year Bond Index	Constituents must be Mexican government securities with a maturity between one and three years and denominated in Inflation Index Investment Units (Unidades de Inversion or UDI).
S&P/BMV Sovereign UDIBONOS 3- 5 Year Bond Index	Constituents must be Mexican government securities with a maturity between three and five years and denominated in Inflation Index Investment Units (Unidades de Inversion or UDI).
S&P/BMV Sovereign UDIBONOS 5- 10 Year Bond Index	Constituents must be Mexican government securities with a maturity between five and 10 years and denominated in Inflation Index Investment Units (Unidades de Inversion or UDI).
S&P/BMV Sovereign UDIBONOS 10- 20 Year Bond Index	Constituents must be Mexican government securities with a maturity between 10 and 20 years and denominated in Inflation Index Investment Units (Unidades de Inversion or UDI).
S&P/BMV Sovereign UDIBONOS 20+ Year Bond Index	Constituents must be Mexican government securities with a maturity greater than 20 years and denominated in Inflation Index Investment Units (Unidades de Inversion or UDI).

#### International UMS Indices

Sub-Index	Eligible Securities
S&P/BMV Sovereign	Constituents must be Mexican government securities issued outside of Mexico
International UMS Bond Index	with a maturity greater than one year.
(MXN)	
S&P/BMV Sovereign	Constituents must be Mexican government securities issued outside of Mexico
International UMS Bond Index	with a maturity greater than one year.
(USD)	
S&P/BMV Sovereign	Constituents must be Mexican government securities issued outside of Mexico
International UMS US-Issued	with a maturity greater than one year.
Bond Index (USD)	
S&P/BMV Sovereign	Constituents must be Mexican government securities issued outside of Mexico
International UMS 1-5 Year	with a maturity between one and five years.
Bond Index (USD)	
S&P/BMV Sovereign	Constituents must be Mexican government securities issued outside of Mexico
International UMS 5-10 Year	with a maturity between five and 10 years.
Bond Index (USD)	
S&P/BMV Sovereign	Constituents must be Mexican government securities issued outside of Mexico
International UMS 10-20 Year	with a maturity between 10 and 20 years.
Bond Index (USD)	
S&P/BMV Sovereign	Constituents must be Mexican government securities issued outside of Mexico
International UMS 20+ Year	with a maturity greater than 20 years.
Bond Index (USD)	
S&P/BMV Sovereign	Constituents must be Mexican government securities issued outside of Mexico
International UMS 5-10 Year	subject to the UMS liquidity score screening logic described in Appendix D.
Target Maturity 30% Capped	
Bond Index (USD)	

### **Sovereign Indices**

Sub-Index	Eligible Securities	
S&P/BMV Sovereign Fixed Rate	Constituents must be Mexican government fixed rate coupon bonds with a	
Bond Index	maturity greater than one month and denominated in MXN.	
S&P/BMV Sovereign Fixed Rate	Constituents must be Mexican government fixed rate coupon bonds with a	
93-184 Day Bond Index	maturity between 93 and 184 days and denominated in MXN.	
S&P/BMV Sovereign Fixed Rate	Constituents must be Mexican government fixed rate coupon bonds with a	
185-365 Day Bond Index	maturity between 185 and 365 days and denominated in MXN.	
S&P/BMV Sovereign Floating	Constituents must be Mexican government floating rate coupon bonds rated	
Rate Bond Index	by at least one credit agency with a maturity greater than one month and	
	denominated in MXN.	
S&P/BMV Sovereign Floating	Constituents must be Mexican government floating rate coupon bonds rated	
Rate 0-1 Year Bond Index	by at least one credit agency with a maturity between one month and one year	
	and denominated in MXN.	
S&P/BMV Sovereign BONDES	Constituents must be Mexican government floating rate coupon bonds	
Bond Index	classified as BONDES securities with a maturity greater than one month. The	
	Coupon must be paid every 26 days and denominated in MAN.	
Band Index	constituents must be Mexican government loating rate coupon bonus	
Bond muex	maturity greater than one month. The courson must be paid every 28 days and	
	denominated in MXN. The coupon rate is the Bank Funding rate	
S&P/BMV Sovereign BONDESD	Constituents must be Mexican government floating rate coupon bonds	
0-1 Year Bond Index	classified as BONDESD securities rated by at least one credit agency with a	
	maturity between one month and one year. The coupon must be paid every 28	
	days and denominated in MXN. The coupon rate is the Bank Funding rate.	
S&P/BMV Sovereign BONDESD	Constituents must be Mexican government floating rate coupon bonds	
1-3 Year Bond Index	classified as BONDESD securities rated by at least one credit agency with a	
	maturity between one and three years. The coupon must be paid every 28	
	days and denominated in MXN. The coupon rate is the Bank Funding rate.	
S&P/BMV Sovereign BONDESD	Constituents must be Mexican government floating rate coupon bonds	
3+ Year Bond Index	classified as BONDESD securities rated by at least one credit agency with a	
	maturity greater than three years. The coupon must be paid every 28 days	
	and denominated in MXN. The coupon rate is the Bank Funding rate.	
S&P/BMV Sovereign BONDESF	Constituents must be Mexican government floating rate coupon bonds	
Bond Index	classified as BONDESF securities with a maturity greater than one month, the	
	coupon paid every 28 days, and denominated in MXN. The coupon rate is the	
	dally bank funding rate (TITE).	
S&P/BIVIV Sovereign BPAG28	Constituents must be Mexican government hoating rate coupon bonds with a maturity greater than one month, the coupon paid every 28 days and	
Bond muex	denominated in MXN. The course rate is the greater of 28 days CETES yield	
	and Government Funding Rate	
S&P/BMV Sovereign BPAG91	Constituents must be Mexican government floating rate coupon bonds with a	
Bond Index	maturity greater than one month, the coupon paid every 91 days and	
	denominated in MXN. The coupon rate is the greater of 91 days CETES vield	
	and Government Funding Rate.	
S&P/BMV Sovereign BPA182	Constituents must be Mexican government floating rate coupon bonds with a	
Bond Index	maturity greater than one month, the coupon paid every 182 days and	
	denominated in MXN. The coupon rate is the greater of 182 days CETES yield	
	and Government Funding Rate.	
S&P/BMV Sovereign Real Rate	Constituents must be Mexican government real-rate coupon bonds with a	
Bond Index	maturity greater than one month and denominated in Inflation Index	
	Investment Units (Unidades de Inversion or UDI).	

### **Quasi-Sovereign Indices**

Sub-Index	Eligible Securities
S&P/BMV Quasi-Sovereign	Constituents of must be quasi-sovereign floating-rate bonds with a maturity
Floating Rate Bond Index	greater than one month and denominated in MXN.
S&P/BMV Quasi-Sovereign	Constituents must be quasi-sovereign fixed-rate bonds with a maturity greater
Fixed Rate Bond Index	than one month and denominated in MXN.
S&P/BMV Quasi-Sovereign	Constituents must be quasi-sovereign real-rate bonds, rated by at least one
Inflation-Linked Bond Index	rating agency, with a maturity greater than one month and denominated in
	Inflation Index Investment Units (Unidades de Inversion or UDI).
S&P/BMV Quasi-Sovereign &	Constituents must be quasi-sovereign bonds with a maturity between one and
Bank Floating Rate Bond Index	three years, denominated in MXN and issued by BACMEXT, BANOB,
	BANOBRA, NAFIN, CFE, CFECB, CFEGCB, CFEHCB, CFEJCB, FNCOT,
	FNCOTCB, and PEMEX.
S&P/BMV CEDEVIS Bond Index	Constituents must be senior quasi-sovereign bonds issued by CEDEVIS or
	CDVITOT, with a maturity greater than one month and denominated in
	Inflation Index Investment Units (Unidades de Inversion or UDI).
S&P/BMV TFOVIS Bond Index	Constituents must be quasi-sovereign bonds issued by TFOVIS or TFOVICB
	with a maturity greater than one month and denominated in Inflation Index
	Investment Units (Unidades de Inversion or UDI).

### **Corporate Bond Indices**

Sub-Index	Eligible Securities		
S&P/BMV Corporate 7-365 Day	Constituents must be corporate issued bonds with a maturity between one		
Bond Index	month and one year and denominated in MXN.		
S&P/BMV Corporate 1-5 Year	Constituents must be corporate issued bonds with duration between one and		
Duration Bond Index	five years and denominated in MXN.		
S&P/BMV Corporate 5-10 Year	Constituents must be corporate issued bonds with duration between five and		
Duration Bond Index	10 years and denominated in MXN.		
S&P/BMV Corporate 10+ Year	Constituents must be corporate issued bonds with duration greater than 10		
Duration Bond Index	years and denominated in MXN.		
S&P/BMV Corporate AAA Rated	Constituents must be corporate issued AAA rated bonds, rated by at least two		
Bond Index	rating agencies, with a maturity greater than one month and denominated in MXN.		
S&P/BMV Corporate AA Rated	Constituents must be corporate issued AA-, AA or AA+ rated bonds, by at		
Bond Index	least two rating agencies, with a maturity greater than one month and		
	denominated in MXN.		
S&P/BMV Corporate A Rated	Constituents must be corporate issued A-, A or A+ rated bonds, rated by at		
Bond Index	least two rating agencies, with a maturity greater than one month and		
	denominated in MXN.		
S&P/BMV Corporate Fixed	Constituents must be corporate issued bonds with a fixed coupon rate, a		
Coupon Bond Index	maturity greater than one month and denominated in MXN.		
S&P/BMV Corporate Fixed	Constituents must be corporate issued AAA rated bonds, rated by at least two		
Coupon AAA Rated Bond Index	rating agencies, with a fixed coupon rate, a maturity greater than one month		
	and denominated in MXN.		
S&P/BMV Corporate Fixed	Constituents must be corporate issued AA-, AA or AA+ rated bonds, rated by		
Coupon AA Rated Bond Index	at least two rating agencies, with a fixed coupon rate, a maturity greater than		
	one month and denominated in MXN.		
S&P/BMV Corporate Inflation-	Constituents must be corporate issued bonds with a fixed coupon rate, a		
Linked Coupon Bond Index	maturity greater than one month and denominated in Inflation Index		
	Investment Units (Unidades de Inversion or UDI).		
S&P/BMV Corporate Inflation-	Constituents must be corporate issued AAA rated bonds, rated by at least two		
Linked Coupon AAA Rated	rating agencies, with a fixed coupon rate, a maturity greater than one month		
Bona Index	UDI).		
S&P/BMV Corporate Inflation-	Constituents must be corporate issued AA-, AA or AA+ rated bonds, rated by		
Linked Coupon AA Rated Bond	at least two rating agencies, with a fixed coupon rate, a maturity greater than		
Index	one month and denominated in Inflation Index Investment Units (Unidades de		
	Inversion or UDI).		

### **Corporate Bond Indices (Continued)**

Sub-Index Eligible Securities	
S&P/BMV Corporate Variable Constituents must be corporate issued bonds with a variable coupon rate, a	
Coupon Bond Index maturity greater than one month and denominated in MXN.	
S&P/BMV Corporate Variable Constituents must be corporate issued AAA rated bonds, rated by at least two	О
Coupon AAA Rated Bond Index rating agencies, with a variable coupon rate, a maturity greater than one	
month and denominated in MXN.	
S&P/BMV Corporate Variable Constituents must be corporate issued AA-, AA or AA+ rated bonds, rated by	
Coupon AA Rated Bond Index at least two rating agencies, with a variable coupon rate, a maturity greater	
than one month and denominated in MXN.	
S&P/BMV Corporate Eurobonos Constituents must be Mexican corporate bonds issued in the Eurobond	
1-3 Year Bond Index Market, in a currency other than MXN, with a maturity between one and three	)
years, rated by at least two rating agencies, with a minimum global Long-Terr	n
rating of BBB+. The Foreign Exchange rate is the FIX rate set by the Mexico	
Central Bank every business day.	
S&P/BMV Corporate Eurobonos Constituents must be Mexican corporate bonds issued in the Eurobond	
3-5 Year Bond Index Market, in a currency other than MXN, with a maturity between three and five	
years, rated by at least two rating agencies, with a minimum global Long-Terr	n
rating of BBB+. The Foreign Exchange rate is the FIX rate set by the Mexico	
Central Bank every business day.	
S&P/BMV Corporate Eurobonos Constituents must be Mexican corporate bonds issued in the Eurobond	
5-10 Year Bond Index Market, in a currency other than MXN, with a maturity between five and 10	
years, rated by at least two rating agencies, with a minimum global Long-Terr	n
rating of BBB+. The Foreign Exchange rate is the FIX rate set by the Mexico	
Central Bank every business day.	
S&P/BMV Corporate Europonos Constituents must be Mexican corporate bonds issued in the Europond	
10+ Year Bond Index Market, in a currency other than MXN, with a maturity larger than 10 years,	~
of PBP. The Ecretary Exchange rate is the EIX rate set by the Maxice Control	9
Back even business day	11
S&D/BMV/ Corporate Europones Constituents must be Mexican corporate bonds issued in the Europond	
Shot 1-3 Year Bond Index	
verses, rated by at least two rating agencies with a minimum dobal long-Term	0
rating of BBB+ The Foreign Exchange Currency used is based on Spot	•
settlement (1+2) The Foreign Exchange rate is the SPOT rate quoted at	
14.00 (GMT -6) by BMV	
S&P/BMV Corporate Europonos Constituents must be Mexican corporate bonds issued in the Europond	
Shot 3-5 Year Bond Index	
vears, rated by at least two rating agencies with a minimum global Long-Term	n
rating of BBB+. The Foreign Exchange Currency used is based on Spot	
settlement (T+2). The Foreign Exchange rate is the SPOT rate quoted at	
14:00 (GMT -6) by BMV.	
S&P/BMV Corporate Eurobonos Constituents must be Mexican corporate bonds issued in the Eurobond	
Spot 5-10 Year Bond Index Market, in a currency other than MXN, with a maturity between five and 10	
vears, rated by at least two rating agencies with a minimum global Long-Term	n
rating of BBB+. The Foreign Exchange Currency used is based on Spot	
settlement (T+2). The Foreign Exchange rate is the SPOT rate quoted at	
14:00 (GMT -6) by BMV.	
S&P/BMV Corporate Eurobonos Constituents must be Mexican corporate bonds issued in the Eurobond	
Spot 10+ Year Bond Index Market, in a currency other than MXN, with a maturity larger than 10 years,	
rated by at least two rating agencies with a minimum global Long-Term rating	J
of BBB+. The Foreign Exchange Currency used is based on Spot settlement	
(T+2). The Foreign Exchange rate is the SPOT rate quoted at 14:00 (GM	Г
-6) by BMV.	

#### **Money Market Indices**

Sub-Index	Eligible Securities
S&P/BMV Promissory Note 70-	Constituents must be bank issued promissory notes with a maturity between
91 Day Bond Index	69 and 92 days and denominated in MXN.
S&P/BMV Promissory Note 0-1	Constituents must be bank issued promissory notes with a maturity between
Year Bond Index	one and 12 months and denominated in MXN.

#### **Money Market Rate Indices**

Sub-Index <sup>4,5</sup>	Description
S&P/BMV Bank Funding Over-	The index measures the bank funding rate and is denominated in MXN.
Night Rate Index	
S&P/BMV Mexico Sovereign	The index measures the Mexican Government funding rate
Funding Rate Index	
S&P/BMV FDTR Rate Index	The index measures the Federal Funds Target Rate upper bound in the U.S.
S&P/BMV Promissory Note 28	The index measures the rate of Mexican banking notes with a maturity of 28
Day Rate Index	days.
S&P/BMV Promissory Note 91	The index measures the rate of Mexican banking notes with a maturity of 91
Day Rate Index	days.
S&P/BMV 28-day Interbank	The index measures the 28-day TIIE rate.
Interest Rate Balance Index	

<sup>&</sup>lt;sup>4</sup> The index is a rate index and does not contain any index constituents. See *Appendix C* for calculation details. <sup>5</sup> For more information on calculations of the money market rate indices please refer to *Appendix B*.

## **Index Construction**

#### **Index Weighting and Index Calculations**

Except for the indices described below, the S&P BMV/Fixed Income indices are market value weighted.

**S&P/BMV Quasi-Sovereign Floating Rate Equal Weight Bond Index**. The index is equally weighted at each semi-annual rebalancing.

### S&P/BMV Sovereign International UMS 5-10 Year Target Maturity 30% Capped Bond Index (USD). Constituents are selected for the index as follows:

- 1. All securities in the S&P/BMV Sovereign International UMS Bond Index satisfying the following conditions are selected for index inclusion:
  - a. The maturity is between five and 10 years
  - b. The issuance time must be less than five years
  - c. The par amount outstanding must be at least US\$ 1 billion
- If the number of selected securities from step 1 above is less than six, a liquidity score methodology is employed (as described in *Appendix D*) to select additional bonds until six constituents are selected. Bonds are ranked in order of liquidity score and selected until the target constituent count is reached.
- 3. Index constituents are capped at 30% of the total weight of the index, with excess weight redistributed proportionally across all uncapped securities.

**S&P/BMV Green, Social & Sustainable Target Duration Bond Index.** Securities that satisfy the eligibility criteria are selected for index inclusion. The index targets a Modified Duration (MD) of three years. Constituents' market values are adjusted to the target three- MD based on the following conditions:

#### **Condition 1: Modified Duration Target**

$$\sum w_i AWF_i MD_i + \sum w_j AWF_j MD_j = 3$$

#### **Condition 2: Total Index Weight**

$$\sum w_i AWF_i + \sum w_j AWF_j = 1$$

where:

i

= Bonds with an MD less than 3

- *j* = Bonds with an MD greater than or equal to 3
- *w* = Market capitalization weight

**Exception Scenarios.** If the MD for all bonds is less than or greater than three, market value weights are used.

**Concentration Restriction.** The index is subject to capping if the weight of the five largest constituents is greater than 63% or if the largest bond weight is over 33%<sup>6</sup>. In such cases, the excess weight is redistributed proportionality across the remaining index constituents. This process is done iteratively until the weight of the five largest constituents is less than or equal to 63%. If after 10 iteration cycles the top five bonds are still not capped to 63%, the concentration rule is relaxed as shown below. This process may result in a final index MD different from three.<sup>7</sup>

Number of Iteration Cycles	Number of Capped Bonds
1 – 10	5
11 - 20	6
21 – 30	7
31 – 40	8
41 – 50	9
51+	10

#### **Total return**

The total return is calculated by aggregating the interest return, reflecting the return due to paid and accrued interest, and price return, reflecting the gains or losses due to changes in the end-of-day price and principal repayments.

Maturity bucket indices with maturity ranges expressed in years are calculated using a 360-day convention.

#### **Accrued Interest**

For the S&P/BMV Indices, accrued interest calculations are reflected on the following business day after a weekend, even if the end of month occurs during a weekend. For rates unavailable at end of month, accrued interest should be calculated using the last available rate. Adjustments to accrued interest should be made during the first business day of the following month.

<sup>&</sup>lt;sup>6</sup> Backtesting before April 2021 did not consider the concentration restriction requirements.

<sup>&</sup>lt;sup>7</sup> Adjusted Weighted Factors (AWF) are calculated based on the 48hrs index constituents' weights.

#### **Ratings Conventions**

For the S&P/BMV Fixed Income Indices, where eligibility rules are based on ratings, securities must follow the below conventions:

l ocal	Ratings	Conventions:
LUCAI	raunys	Conventions.

S&P	Fitch Ratings	MOODY'S	HR Ratings	Verum	Convention
mxAAA	AAA (mex)	AAA.mx	HR AAA	AAA	AAA
mxAA+	AA+ (mex)	AA+.mx	HR AA+	AA+	AA
mxAA	AA (mex)	AA.mx	HR AA	AA	AA
mxAA-	AA- (mex)	AAmx	HR AA-	AA-	AA-
mxA+	A+ (mex)	A+.mx	HR A+	A+	A
mxA	A (mex)	A.mx	HR A	A	A
mxA-	A- (mex)	Amx	HR A-	A-	А

#### **Global Ratings Conventions:**

S&P	Fitch Ratings	MOODY'S	Convention
AAA	AAA	Aaa	AAA
AA+	AA+	Aa1	AA
AA	AA	Aa2	AA
AA-	AA-	Aa3	AA
A+	A+	A1	A
A	A	A2	A
A-	A-	A3	A
BBB+	BBB+	Baa1	BBB+

In the case where a security has multiple ratings, the lowest rating must be used for eligibility purposes.

For further details regarding Index Calculations please refer to Appendices A-D.

## **Index Maintenance**

#### Rebalancing

Unless otherwise stated, the S&P/BMV Fixed Income Indices follow the rebalancing schedules detailed in the tables below, which count business days:

Rebalancing Schedule			
Rebalancing Frequency Monthly			
Rebalancing Date	Last business day of the rebalancing period		
Announcement Date	T minus 3		
Reference Date	T minus 3		

### S&P/BMV Quasi-Sovereign & Bank Floating Rate Composite Equal Weight 1+ Year Index. The index follows the rebalancing schedule detailed in the table below:

Rebalancing Schedule		
Rebalancing Frequency Semi-Annual		
Rebalancing Date Last business day of the rebalancing period (June 8		
	December)	
Announcement Date	T minus 3	
Reference Date	T minus 3	

S&P/BMV Corporate ABS Bond Index, S&P/BMV Sovereign International UMS 5-10 Year 30% Capped Bond Index, and S&P/BMV Green, Social & Sustainable Target Duration Bond Index. The indices follow the rebalancing schedule detailed in the table below:

Rebalancing Schedule			
Rebalancing Frequency	Quarterly		
Rebalancing Date	Last business date of the rebalancing period (March,		
	June, September, and December)		
Announcement Date	T minus 3		
Reference Date: S&P/BMV Corporate ABS Bond	T minus 3		
Index			
Reference Date: S&P/BMV Sovereign International	T minus 4		
UMS 5-10 Year Target Maturity 30% Capped Bond			
Index (USD), and S&P/BMV Green, Social &			
Sustainable Target Duration Bond Index			

**S&P/BMV Sovereign CETES 7+ Day Bond Index Family.** The index family follows the rebalancing schedule detailed in the table below:

Rebalancing Schedule		
Rebalancing Frequency Weekly		
Rebalancing Date Every Wednesday (T)		
Announcement Date		
Reference Date	T-1	

For indices with a monthly rebalancing schedule, additions, deletions, and other changes to the Index arising from the monthly rebalancing are published, after the close of business, three business days prior to the last business day of the month ("the Announcement Date"). Publicly available information, up to and including the Close on the fourth business day preceding the Rebalancing Date, is considered in the rebalancing.

Index changes published in the announcement are normally subject to revision and become effective after the Close on the last business day of the month ("the Rebalancing Date").

#### **Currency of Calculation and Additional Index Return Series**

Additional currency and currency hedged versions of the indices, as well as maturity, sector, and ratingbased sub-indices, may be available. For a list of available sub-indices and tickers, please refer to S&P Dow Jones Indices' Fixed Income Index Directory available at www.spglobal.com/spdji.

For more information on index calculation, please refer to S&P Dow Jones Indices' Fixed Income Index Mathematics Methodology.

#### **Base Dates and History Availability**

Index history availability, base dates and base values for the indices are shown below.

	Launch	First Value		Base
Index	Date	Date	Base Date	Value
S&P/BMV Government CETES Bond Index <sup>8</sup>	06/03/2009	01/02/2004	01/02/2004	100
S&P/BMV Government MBONOS 1-5 Year Bond Index <sup>9</sup>	06/03/2009	01/02/2004	01/02/2004	100
S&P/BMV Government MBONOS 5-10 Year Bond Index <sup>10</sup>	06/03/2009	01/02/2004	01/02/2004	100
S&P/BMV Mexico Sovereign Inflation-Linked Bond Index	03/04/2015	12/31/2003	12/31/2003	100
S&P/BMV Government Inflation-Linked UDIBONOS 1+ Year Bond	00/00/0000	04/00/0004	04/00/0004	400
Index <sup>11</sup>	06/03/2009	01/02/2004	01/02/2004	100
S&P/BMV Mexico Sovereign Bond Index	03/04/2015	01/02/2004	01/02/2004	100
S&P/BMV Sovereign MBONOS Bond Index	04/01/2015	01/04/2001	01/04/2001	100
S&P/BMV Sovereign MBONOS 1-3 Year Bond Index	04/01/2015	01/04/2001	01/04/2001	100
S&P/BMV Sovereign MBONOS 3-5 Year Bond Index	04/01/2015	01/04/2001	01/04/2001	100
S&P/BMV Sovereign MBONOS 20+ Year Bond Index	04/01/2015	10/24/2006	10/24/2006	100
S&P/BMV Sovereign MBONOS 10-20 Year Bond Index	04/01/2015	10/01/2008	10/01/2008	100
S&P/BMV Sovereign MBONOS 600-1500 Day Bond Index	04/01/2015	10/01/2008	10/01/2008	100
S&P/BMV Sovereign MBONOS 1500+ Day Bond Index	04/01/2015	05/20/2010	05/20/2010	100
S&P/BMV Sovereign UDIBONOS 1-3 Year Bond Index	04/01/2015	10/17/2006	10/17/2006	100
S&P/BMV Sovereign UDIBONOS Bond Index	04/01/2015	01/04/2001	01/04/2001	100
S&P/BMV Sovereign UDIBONOS 5-10 Year Bond Index	04/01/2015	03/31/2003	03/31/2003	100
S&P/BMV Sovereign UDIBONOS 3-5 Year Bond Index	04/01/2015	10/06/2004	10/06/2004	100
S&P/BMV Sovereign UDIBONOS 20+ Year Bond Index	04/01/2015	01/04/2006	01/04/2006	100
S&P/BMV Sovereign UDIBONOS 10-20 Year Bond Index	04/01/2015	01/04/2006	01/04/2006	100
S&P/BMV Sovereign CETES 28 Day Bond Index	04/01/2015	01/04/2001	01/04/2001	100
S&P/BMV Sovereign CETES 7 Day Bond Index	04/01/2015	01/04/2001	01/04/2001	100
S&P/BMV Sovereign CETES 182 Day Bond Index	04/01/2015	01/04/2001	01/04/2001	100
S&P/BMV Sovereign CETES 91 Day Bond Index	04/01/2015	01/04/2001	01/04/2001	100
S&P/BMV Sovereign CETES 7+ Day Bond Index	04/01/2015	01/04/2001	01/04/2001	100
S&P/BMV Sovereign CETES 364 Day Bond Index	04/01/2015	01/04/2001	01/04/2001	100
S&P/BMV Sovereign BPA182 Bond Index	04/01/2015	05/05/2004	05/05/2004	100
S&P/BMV Sovereign BPAG28 Bond Index	04/01/2015	01/04/2001	01/04/2001	100
S&P/BMV Sovereign Floating Rate 0-1 Year Bond Index	04/01/2015	01/04/2001	01/04/2001	100
S&P/BMV Sovereign BONDES Bond Index	11/01/2021	10/06/2021	10/06/2021	100
S&P/BMV Sovereign BONDESD Bond Index	04/01/2015	08/17/2006	08/17/2006	100
S&P/BMV Sovereign BONDESD 0-1 Year Bond Index	01/19/2016	11/04/2010	11/04/2010	100
S&P/BMV Sovereign BONDESD 1-3 Year Bond Index	01/19/2016	11/04/2010	11/04/2010	100
S&P/BMV Sovereign BONDESD 3+ Year Bond Index	01/19/2016	11/04/2010	11/04/2010	100
S&P/BMV Sovereign BONDESF Bond Index	11/01/2021	10/06/2021	10/06/2021	100
S&P/BMV Corporate Inflation-Linked Coupon Bond Index	04/01/2015	01/04/2001	01/04/2001	100
S&P/BMV Sovereign BPAG91 Bond Index	04/01/2015	07/03/2002	07/03/2002	100
S&P/BMV Sovereign Floating Rate Bond Index	04/01/2015	01/04/2001	01/04/2001	100
S&P/BMV Corporate Fixed Coupon AA Rated Bond Index	04/01/2015	01/04/2001	01/04/2001	100
S&P/BMV Corporate Variable Coupon AAA Rated Bond Index	04/01/2015	12/10/2001	12/10/2001	100
S&P/BMV Corporate 7-365 Day Bond Index	04/01/2015	01/04/2001	01/04/2001	100
S&P/BMV Corporate 1-5 Year Duration Bond Index	01/19/2016	02/02/2010	02/02/2010	100

 <sup>&</sup>lt;sup>8</sup> Originally the Dow Jones LATixx Mexico Government CETES Index prior to January 1, 2014.
 <sup>9</sup> Originally the Dow Jones LATixx Mexico Government BONOS 1-5 Year Index prior to January 1, 2014.

<sup>&</sup>lt;sup>10</sup> Originally the Dow Jones LATixx Mexico Government BONOS 5-10 Year Index prior to January 1, 2014.

<sup>&</sup>lt;sup>11</sup> Originally the Dow Jones LATixx Mexico Government UDIS Index prior to January 1, 2014.

	Launch	First Value		Base
Index	Date	Date	Base Date	Value
S&P/BMV Corporate 5-10 Year Duration Bond Index	01/19/2016	02/02/2010	02/02/2010	100
S&P/BMV Corporate 10+ Year Duration Bond Index	01/19/2016	02/02/2010	02/02/2010	100
S&P/BMV Corporate AA Rated Bond Index	04/01/2015	01/04/2001	01/04/2001	100
S&P/BMV Corporate Variable Coupon Bond Index	04/01/2015	01/04/2001	01/04/2001	100
S&P/BINV Corporate AAA Rated Bond Index	04/01/2015	03/20/2001	03/20/2001	100
S&P/DIVIV Corporate Inflation Linked Courses AAA Poted Pand Index	04/01/2015	01/04/2001	01/04/2001	100
S&P/BINV Corporate Fixed Coupon AAA Rated Bond Index	04/01/2015	01/04/2001	01/04/2001	100
S&P/BMV Corporate Variable Coupon AA Rated Bond Index	04/01/2015	01/04/2001	01/04/2001	100
S&P/BMV Corporate Fixed Coupon Bond Index	04/01/2015	01/04/2001	01/04/2001	100
S&P/BMV Corporate Inflation-Linked Coupon AA Rated Bond Index	04/01/2015	01/04/2001	01/04/2001	100
S&P/BMV Sovereign Fixed Rate 185-365 Day Bond Index	04/01/2015	01/04/2001	01/04/2001	100
S&P/BMV Sovereign Fixed Rate Bond Index	04/01/2015	01/04/2001	01/04/2001	100
S&P/BMV Corporate Bond Index	04/01/2015	01/04/2001	01/04/2001	100
S&P/BMV Sovereign Fixed Rate 93-184 Day Bond Index	04/01/2015	01/04/2001	01/04/2001	100
S&P/BMV Sovereign International UMS 10-20 Year Bond Index	04/01/2015	12/31/2003	12/31/2003	100
S&P/BMV Sovereign International UMS 5-10 Year Bond Index	04/01/2015	12/31/2003	12/31/2003	100
S&P/BMV Sovereign International UMS 1-5 Year Bond Index	04/01/2015	12/31/2003	12/31/2003	100
S&P/BMV Sovereign Real Rate Bond Index	04/01/2015	01/04/2001	01/04/2001	100
S&P/BMV Quasi-Sovereign Fixed Rate Bond Index	04/01/2015	07/24/2002	07/24/2002	100
S&P/BMV Quasi-Sovereign & Bank Floating Rate Composite Equal	11/10/2017	12/31/2007	12/31/2007	100
Weight 1+ Year Index	0.4/0.4/00.45	4.4/4.0/00.00	14/40/0000	100
S&P/BMV Quasi-Sovereign Inflation-Linked Bond Index	04/01/2015	11/19/2002	11/19/2002	100
S&P/BMV Sovereign International UMS 20+ Year Bond Index	04/01/2015	12/31/2003	12/31/2003	100
S&P/Biv/ Sovereign International UWS Bond Index	04/01/2015	01/02/2004	01/02/2004	100
S&P/DIVIV PTOTILISSOFY Note Dona Index	04/01/2015	01/04/2001	01/04/2001	100
S&P/DIVIV FIGHTISSORY Note 70.01 Day Road Index	04/01/2015	01/04/2001	07/20/2004	100
S&P/BMV FIGHISSOLY NOLE 70-91 Day Bolid Index	04/01/2015	12/11/2001	12/11/2001	100
S&P/BMV Quasi-Sovereign Hoating Nate Bond Index	04/01/2015	05/22/2008	05/22/2008	100
S&P/BMV CEDEVIS Bond Index	04/01/2015	09/11/2009	09/11/2009	100
S&P/BMV Quasi-Sovereign & Bank Floating Rate Bond Index	04/01/2015	10/10/2011	10/10/2011	100
S&P/BMV All Sovereign Bond Index	04/01/2015	01/04/2001	01/04/2001	100
S&P/BMV Sovereign International UMS Bond Index (USD)	04/01/2015	12/31/2003	12/31/2003	100
S&P/BMV Sovereign International UMS 20+ Year Bond Index (USD)	04/01/2015	12/31/2003	12/31/2003	100
S&P/BMV Sovereign International UMS 5-10 Year Bond Index (USD)	04/01/2015	12/31/2003	12/31/2003	100
S&P/BMV Sovereign International UMS 1-5 Year Bond Index (USD)	04/01/2015	12/31/2003	12/31/2003	100
S&P/BMV Promissory Note 28 Day Rate Index	04/01/2015	04/30/2007	04/30/2007	100
S&P/BMV Promissory Note 91 Day Rate Index	04/01/2015	07/29/2004	07/29/2004	100
S&P/BMV FDTR Rate Index	04/01/2015	01/04/2001	01/04/2001	100
S&P/BMV Sovereign Funding Rate Bond Index	04/01/2015	01/04/2004	01/04/2001	100
S&P/BMV 28 Day Interbank Interest Rate Balance Index	04/01/2015	01/04/2001	01/04/2001	100
S&P/BMV Bank Funding Over-Night Rate Index	04/01/2015	01/04/2001	01/04/2001	100
S&P/BMV Sovereign International UMS 10-20 Year Bond Index (USD)	04/01/2015	12/31/2003	12/31/2003	100
S&P/BMV Sovereign International UMS US-Issued Bond Index (USD)	04/01/2015	01/04/2010	01/04/2010	100
S&P/BMV Sovereign MBONOS 5-10 Year Bond Index	04/01/2015	07/25/2001	07/25/2001	100
S&P/DIVIV Quasi-Sovereigh Bond Index	04/01/2015	12/11/2001	12/11/2001	100
S&P/BMV Corporate Eurobonos 1-3 Year Bond Index	04/18/2017	12/31/2010	12/31/2010	100
S&P/BMV Corporate Eurobonos 3-5 Year Bond Index	04/18/2017	12/31/2010	12/31/2010	100
S&P/BMV Corporate Eurobonos 5-10 Year Bond Index	04/18/2017	12/31/2010	12/31/2010	100
S&P/BMV Corporate Europonos 10+ Year Bond Index	04/18/2017	12/31/2010	12/31/2010	100
S&P/BMV Corporate Eurobonos Spot Bond Index	04/18/2017	12/31/2010	12/31/2010	100
S&P/BMV Corporate Eurobonos Spot 1-3 Year Bond Index	04/18/2017	12/31/2010	12/31/2010	100
S&P/BMV Corporate Eurobonos Spot 3-5 Year Bond Index	04/18/2017	12/31/2010	12/31/2010	100
S&P/BMV Corporate Eurobonos Spot 5-10 Year Bond Index	04/18/2017	12/31/2010	12/31/2010	100
S&P/BMV Corporate Eurobonos Spot 10+ Year Bond Index	04/18/2017	12/31/2010	12/31/2010	100
S&P/BMV Corporate ABS Bond Index	01/25/2019	06/30/2008	06/30/2008	100
S&P/BMV Sovereign UDIBONOS & CBIC Bond Index	03/06/2020	12/18/2019	12/18/2019	100
S&P/BMV Sovereign CETES All 28 Day Bond Index	03/06/2020	2/24/2016	2/24/2016	100
S&P/BMV Sovereign CETES All 91 Day Bond Index	03/06/2020	2/24/2016	2/24/2016	100
S&P/BMV Sovereign International UMS 5-10 Year Target Maturity 30%	04/23/2021	6/30/2016	6/30/2016	100
Capped Bond Index (USD)	1.1/00/2025	0.00/00/00/0	00/00/2015	
S&P/BIVIV Green, Social & Sustainable Target Duration Bond Index	11/23/2022	06/28/2019	06/28/2019	100

## Index Governance

#### **Index Committee**

The S&P/BMV Fixed Income Index Committee maintains the indices. Committee members are full-time professionals at S&P Dow Jones Indices and Valmer. Meetings are held regularly.

The Index Committee oversees the management of the indices, including determinations of intrarebalancing changes to an index, maintenance and inclusion policies, and other matters affecting the maintenance and calculation of the indices.

In fulfilling its responsibilities, the Index Committee has full and complete discretion to (i) amend, apply, or exempt the application of index rules and policies as circumstances may require and (ii) add, remove, or by-pass any bond in determining the composition of an index.

The Index Committee may rely on any information or documentation submitted to it or gathered by it that the Index Committee believes to be accurate. The Index Committee reserves the right to reinterpret publicly available information and to make changes to an index based on a new interpretation of that information at its sole discretion. All Index Committee discussions are confidential.

The Index Committee is separate from and independent of other analytical groups at S&P Global. In particular, the Index Committee has no access to or influence on decisions by S&P Global Ratings analysts.

S&P Dow Jones Indices' Index Committees reserve the right to make exceptions when applying the methodology if the need arises. In any scenario where the treatment differs from the general rules stated in this document or supplemental documents, clients will receive sufficient notice, whenever possible.

In addition to the daily governance of indices and maintenance of index methodologies, at least once within any 12-month period, the Index Committee reviews the methodology to ensure the indices continue to achieve the stated objectives, and that the data and methodology remain effective. In certain instances, S&P Dow Jones Indices may publish a consultation inviting comments from external parties.

For information on Quality Assurance and Internal Reviews of Methodology, please refer to S&P Dow Jones Indices' Fixed Income Policies & Practices Methodology.

# **Index Policy**

#### Announcements

Announcements of any relevant information pertaining to the indices are made after the close. Press releases are posted on S&P Dow Jones Indices' Web site at <u>www.spglobal.com/spdji</u>.

#### **Holiday Schedule**

The indices are calculated when the Mexican fixed income BMV exchange market is open.

#### Rebalancing

The Index Committee may change the date of a given rebalancing for reasons including market holidays occurring on or around the scheduled rebalancing date. Any such change will be announced with proper advance notice where possible.

#### **End-of-Day Calculation**

Index levels are calculated at the end of each business day, via S&P Dow Jones Indices' Web site. This may be subject to change.

#### **Recalculation Policy**

For more information on the recalculation policy please refer to S&P Dow Jones Indices' Fixed Income Policies & Practices Methodology.

For information on Calculations and Pricing Disruptions, Expert Judgment and Data Hierarchy, please refer to S&P Dow Jones Indices' Fixed Income Policies & Practices Methodology.

#### **Contact Information**

For any questions regarding an index, please contact: <u>index\_services@spglobal.com</u>.

## **Index Dissemination**

Index levels are available through S&P Dow Jones Indices' website at <u>www.spglobal.com/spdji</u>, major quote vendors (see codes below), numerous investment-oriented websites, and various print and electronic media.

#### Tickers

The table below lists headline indices covered by this document. All versions of the below indices that may exist are also covered by this document. Please refer to the <u>S&P DJI Methodology & Regulatory</u> <u>Status Database</u> for a complete list of indices covered by this document.

Index	Ticker
S&P/BMV Government CETES Bond Index	SPVMCETT
S&P/BMV Government MBONOS 1-5 Year Bond Index	SPVMBN4T
S&P/BMV Government MBONOS 5-10 Year Bond Index	SPVMB10T
S&P/BMV Mexico Sovereign Inflation-Linked Bond Index	SPVIF0U
S&P/BMV Government Inflation-Linked UDIBONOS 1+ Year Bond Index	SPVIF1UT
S&P/BMV Mexico Sovereign Bond Index	SPVSOVG
S&P/BMV Sovereign MBONOS Bond Index	SPVMBNS
S&P/BMV Sovereign MBONOS 1-3 Year Bond Index	SPVMBN3
S&P/BMV Sovereign MBONOS 3-5 Year Bond Index	SPVMBN5
S&P/BMV Sovereign MBONOS 20+ Year Bond Index	SPVM20B
S&P/BMV Sovereign MBONOS 10-20 Year Bond Index	SPVMB20
S&P/BMV Sovereign MBONOS 600-1500 Day Bond Index	SPVM11K
S&P/BMV Sovereign MBONOS 1500+ Day Bond Index	SPVM15K
S&P/BMV Sovereign UDIBONOS 1-3 Year Bond Index	SPVIFB3
S&P/BMV Sovereign UDIBONOS Bond Index	SPVIFUB
S&P/BMV Sovereign UDIBONOS 5-10 Year Bond Index	SPVIF10
S&P/BMV Sovereign UDIBONOS 3-5 Year Bond Index	SPVIFB5
S&P/BMV Sovereign UDIBONOS 20+ Year Bond Index	SPVIF30
S&P/BMV Sovereign UDIBONOS 10-20 Year Bond Index	SPVIF20
S&P/BMV Sovereign CETES 28 Day Bond Index	SPVM28X
S&P/BMV Sovereign CETES 7 Day Bond Index	SPVMC7X
S&P/BMV Sovereign CETES 182 Day Bond Index	SPV182X
S&P/BMV Sovereign CETES 91 Day Bond Index	SPVM91X
S&P/BMV Sovereign CETES 7+ Day Bond Index	SPVMGC7
S&P/BMV Sovereign CETES 364 Day Bond Index	SPV364X
S&P/BMV Sovereign BPA182 Bond Index	SPVFRBP
S&P/BMV Sovereign BPAG28 Bond Index	SPVFRIP
S&P/BMV Sovereign Floating Rate 0-1 Year Bond Index	SPVFLR7
S&P/BMV Sovereign BONDES Bond Index	SPVBFBS
S&P/BMV Sovereign BONDESD Bond Index	SPVFRBS
S&P/BMV Sovereign BONDESD 0-1 Year Bond Index	SPVFBS0
S&P/BMV Sovereign BONDESD 1-3 Year Bond Index	SPVFBS1
S&P/BMV Sovereign BONDESD 3+ Year Bond Index	SPVFBS3
S&P/BMV Sovereign BONDESF Bond Index	SPVBNDS
S&P/BMV Corporate Inflation-Linked Coupon Bond Index	SPVILC-
S&P/BMV Sovereign BPAG91 Bond Index	SPVFRAB
S&P/BMV Sovereign Floating Rate Bond Index	SPVFLR-
S&P/BMV Corporate Fixed Coupon AA Rated Bond Index	SPVF-2A
S&P/BMV Corporate Variable Coupon AAA Rated Bond Index	SPVVC3A
S&P/BMV Corporate 7-365 Day Bond Index	SPV7365
S&P/BMV Corporate 1-5 Year Duration Bond Index	SPVCRD1
S&P/BMV Corporate 5-10 Year Duration Bond Index	SPVCRD5

Index	Ticker
S&P/BMV Corporate 10+ Year Duration Bond Index	SPVCD10
S&P/BMV Corporate AA Rated Bond Index	SPVCP2A
S&P/BMV Corporate Variable Coupon Bond Index	SPVVRCP
S&P/BMV Corporate AAA Rated Bond Index	SPVCP3A
S&P/BMV Corporate A Rated Bond Index	SPVCP1A
S&P/BMV Corporate Inflation-Linked Coupon AAA Rated Bond Index	SPVIL3A
S&P/BMV Corporate Fixed Coupon AAA Rated Bond Index	SPVF-3A
S&P/BMV Corporate Variable Coupon AA Rated Bond Index	SPVVC2A
S&P/BMV Corporate Fixed Coupon Bond Index	SPVMFCN
S&P/BMV Corporate Inflation-Linked Coupon AA Rated Bond Index	SPVIL2A
S&P/BMV Sovereign Fixed Rate 185-365 Day Bond Index	SPVF365
S&P/BMV Sovereign Fixed Rate Bond Index	SPVMFXR
S&P/BMV Corporate Bond Index	SPVCORP
S&P/BMV Sovereign Fixed Rate 93-184 Day Bond Index	SPVF90D
S&P/BMV Sovereign International UMS 10-20 Year Bond Index	SPVUM20
S&P/BMV Sovereign International UMS 5-10 Year Bond Index	SPVUM10
S&P/BMV Sovereign International UMS 1-5 Year Bond Index	SPVUM5S
S&P/BMV Sovereign Real Rate Bond Index	SPVMRR
S&P/BMV Quasi-Sovereign Fixed Rate Bond Index	SPVQSFR
S&P/BMV Quasi-Sovereign Inflation-Linked Bond Index	SPVQILR
S&P/BMV Sovereign International UMS 20+ Year Bond Index	SPVU20U
S&P/BMV Sovereign International LIMS Bond Index	SPVIUMS
S&P/BMV Promissory Note Bond Index	SPVMNT
S&P/BMV Promissory Note 0-1 Year Bond Index	SPVN1LS
S&P/BMV Promissory Note 70-91 Day Bond Index	SPVN21D
S&P/BMV Quasi-Sovereign Floating Rate Bond Index	SPVOSEL
S&P/BMV CEDEVIS Bond Index	SPVCDVS
S&P/BMV TEOVIS Bond Index	SPVTEVS
S&P/BMV Oussi-Sovereign & Bank Floating Rate Bond Index	SPVSBER
S&P/BMV All Sovereign Bond Index	SPVMG07
S&P/BMV Sovereign International LIMS Bond Index (LISD)	SPVLIMDS
S&P/BMV Sovereign International LINS 204 Year Bond Index (LISD)	
S&P/BMV Sovereign International LIMS 5-10 Year Bond Index (USD)	SPVL10D
S&P/BMV Sovereign International LIMS 1-5 Year Bond Index (USD)	SPVUM5D
S&P/BMV Sovereign International Onio 1-5 Fear Bond Index (OOD)	SPVN28D
S&P/BMV Promissory Note 20 Day Rate Index	SPVN91D
S&P/BMV FIORISSOF Note of Day Nate Index	SPVEDTR
S&P/BMV Sovereign Funding Rate Bond Index	SPVFURT
S&P/BMV 28 Day Interbank Interest Rate Balance Index	SPV/IRB
S&P/BMV Bank Funding Over-Night Rate Index	
S&P/BMV Sovereign International LIMS 10-20 Year Bond Index (LISD)	
S&P/RMV Sovereign International LIMS LIS-Issued Bond Index (USD)	
S&P/BMV Sovereign MBONOS 5-10 Year Bond Index (SSD)	SPV/MBO1
S&P/BMV Oursi-Sovereign Bond Index	SPVOUSO
S&P/BMV Quasi-Sovereign & Bank Floating Rate Composite Equal Weight 1+ Year Index	SPVOSEL
S&P/BMV Corporate Europonos Bond Index	
S&P/BMV Corporate Eurobonos 1-3 Year Bond Index	SPVCE3E
S&P/BMV Corporate Eurobonos 3-5 Year Bond Index	SPVCE5E
S&D/BMV Corporate Eurobonos 5-10 Vear Bond Index	SPVC10F
S&P/BMV Corporate Europonos 10+ Vear Bond Index	SPVCBLE
S&P/BMV Corporate Europonos Shot Bond Index	
S&P/BMV Corporate Europonos Spot 1-3 Year Bond Index	
S&P/BMV Corporate Europonos Spot 3-5 Year Bond Index	
S&P/BMV Corporate Europonos Spot 5-10 Vear Bond Index	
S&D/BM// Corporate Europonos Spot 10, Voor Bond Index	
S&F/Diviv Curporate ARS Read Index	
S&F/Diviv Culpulate ADS Dullu Illuex S&D/PMV Soversign LIDIRONIOS & CPIC Pand Index	
SAF/Diviv Suvereign ODIDOINUS & ODIO DUINU INDEX	
SRE/Diviv Suvereign CETES All 20 Day Dutiu Illuex	
Sar/Diviv Suvereigh GETES All 91 Day Bond Index	SEVIVISTA

Index	Ticker
S&P/BMV Sovereign International UMS 5-10 Year Target Maturity 30% Capped Bond Index (USD)	SPVU5CU
S&P/BMV Green, Social & Sustainable Target Duration Bond Index	SPVMGSS

#### Index Data

Daily index level data is available via subscription.

For product information, please contact S&P Dow Jones Indices, <u>www.spglobal/spdji.com/contact-us</u>.

#### Web site

For further information, please refer to S&P Dow Jones Indices' Web site at www.spglobal.com/spdji.

# Appendix A

Please refer to S&P Dow Jones Indices' Fixed Income Index Mathematics Methodology for details on ordinary price return, interest return and total return calculations, available at <u>www.spglobal.com/spdji</u>.

#### S&P/BMV Green, Social & Sustainable Target Duration Bond Index

The S&P/BMV Green, Social & Sustainable Target Duration Bond Index assumes cash payments are reinvested within the index constituents on pro-rata basis.

## Appendix B

Appendix B specifies the calculation details for the Money Market Indices.

#### Bank Funding (Same Day and 24 Hour Indices)

The bank funding rate is obtained daily from the financial indicators of Banco de Mexico (Banxico), gathered and published by Valmer.

The yield generated by the bank funding rate between one day and the next business day, can be expressed as:

$$r_{t+\varDelta t} = \frac{i_t}{360} \star \varDelta t$$

where:

 $r_{t+\Delta t}$  = Yield of the overnight interbank funding rate at day  $t+\Delta t$ .

- $i_t$  = Overnight interbank funding rate at day t.
- t = Starting date of overnight interbank fund rate.

Same day indices

- $\Delta t$  = Number of days between *t* and the previous business day (e.g.  $\Delta t$  equals three on Monday)<sup>12</sup> 24 Hour Indices
- $\Delta t$  = Number of days between *t* and the next business day (e.g.  $\Delta t$  equals three from Friday to Monday).

The daily performance of the overnight interbank fund rate can be expressed as an index:

 $I_{t+\Delta t} = I_t * (1 + r_{t+\Delta t})$ 

where:

 $I_t$  = Index level on day t (I = 100 on the issuance date).

#### Government Funding (Same Day and 24 Hour Indices)

The government funding rate is obtained daily from the financial indicators of Banco de Mexico (Banxico), gathered and published by Valmer.

The yield generated by the government funding rate between one day and the next business day, can be expressed as:

$$r_{t+\Delta t} = \frac{i_t}{360} \star \Delta t$$

where:

 $r_{t+\Delta t}$  = Yield of the overnight government funding rate at day  $t+\Delta t$ .

<sup>&</sup>lt;sup>12</sup> If the last calendar day of the month is not a business day, last business day of the month's ∆t is calculated as the day difference between the last calendar day and the last business day. Consequently, ∆t for the first business day of the next month will be counted from last month's last calendar day until the first business of the current month.

- $i_t$  = Overnight government funding rate at day t.
- *t* = Starting date of overnight government funding rate.

Same day indices

- $\Delta t$  = Number of days between *t* and the previous business day (e.g.  $\Delta t$  equals three on Monday)<sup>13</sup> 24 Hour Indices
- $\Delta t$  = Number of days between *t* and the next business day (e.g.  $\Delta t$  equals three from Friday to Monday).

The daily effective yield performance can be expressed as an index:

 $I_{t+\Delta t} = I_t * (1 + r_{t+\Delta t})$ 

where:

 $I_t$  = Index level on day t (I = 100 on the issuance date).

#### Tasa de Interés Interbancaria de Equilibrio (TIIE) 28 (Same Day and 24 Hour Indices)

The TIIE 28 rate is obtained daily from the financial indicators of Banco de Mexico (Banxico), gathered and published by Valmer.

$$r_{t+\Delta t} = \left[ \left( 1 + i_t * \frac{28}{360 * 100} \right)^{\frac{\Delta t}{28}} - 1 \right]$$

where:

 $i_t$  = TIIE 28 rate at day *t*.

Same day indices

- $\Delta t$  = Number of days between *t* and the previous business day (e.g.  $\Delta t$  equals three on Monday)<sup>14</sup> 24 hours indices
- $\Delta t$  = Number of days between *t* and the next business day (e.g.  $\Delta t$  equals three from Friday to Monday).

Finally, the daily yield can be expressed as an index:

$$I_{t+\Delta t} = I_t * (1 + r_{t+\Delta t})$$

where:

 $I_t$  = Index level on day t (I = 100 on the issuance date).

#### Promissory Note 91 and 28 Days Rate (Same Day and 24 Hour Indices)

The yield to maturity 91 and 28 days promissory notes rate is obtained daily from the financial indicators of Banco de México (Banxico), gathered and published by Valmer.

The yield generated by the yield to maturity 91 and 28 day promissory notes rate between one day and the next business day, can be expressed as:

<sup>&</sup>lt;sup>13</sup> If the last calendar day of the month is not a business day, last business day of the month's ∆t is calculated as the day difference between the last calendar day and the last business day. Consequently, ∆t for the first business day of the next month will be counted from last month's last calendar day until the first business of the current month.

<sup>&</sup>lt;sup>14</sup> If the last calendar day of the month is not a business day, last business day of the month's ∆t is calculated as the day difference between the last calendar day and the last business day. Consequently, ∆t for the first business day of the next month will be counted from last month's last calendar day until the first business of the current month.

$$r_{t+\Delta t} = \left[ \left( 1 + \frac{i_t * 91}{100 * 360} \right)^{\frac{1}{91}} - 1 \right] * \Delta t$$

where:

 $r_{t+\Delta t}$  = Yield of the promissory notes rates indices at day  $t+\Delta t$ .

 $i_t$  = Yield to maturity promissory notes at day *t*.

Same day indices

- $\Delta t$  = Number of days between *t* and the previous business day (e.g.  $\Delta t$  equals three on Monday)<sup>15</sup> 24 hours indices
- $\Delta t$  = Number of days between *t* and the next business day (e.g.  $\Delta t$  equals three from Friday to Monday).

Daily performance of the yield to maturity promissory notes rate indices can be expressed as an index:

 $I_{t+\Delta t} = I_t * (1 + r_{t+\Delta t})$ 

where:

 $I_t$  = Index level on day t (I = 100 on the index issuance date).

#### U.S. Fed Funds Target Rate (Same Day and 24 Hour Indices)

The U.S. Fed Funds Target Rate is obtained daily from the Federal Reserve, gathered and published by Valmer.

The yield generated by the U.S. Fed Funds Target Rate between one day and the next business day, can be expressed as:

$$r_{t+\varDelta t} = \frac{i_t}{360} \star \varDelta t$$

where:

 $r_{t+\Delta t}$  = Yield of the U.S. Fed Funds Target Rate at day  $t+\Delta t$ .

 $i_t$  = Overnight U.S. Fed Funds Target Rate at day t.

t = Starting date of U.S. Fed Funds Target Rate

Same day indices

- $\Delta t$  = Number of days between *t* and the previous business day (e.g.  $\Delta t$  equals three on Monday)<sup>16</sup> 24 hours indices
- $\Delta t$  = Number of days between *t* and the next business day (e.g.  $\Delta t$  equals three from Friday to Monday).

Daily performance of the U.S. Fed Funds Target Rate can be expressed as an index:

$$I_{t+\Delta t} = I_t * (1 + r_{t+\Delta t})$$

where:

 $I_t$  = Index level on day t(I = 100 on the index issuance date).

<sup>&</sup>lt;sup>15</sup> If the last calendar day of the month is not a business day, last business day of the month's ∆t is calculated as the day difference between the last calendar day and the last business day. Consequently, ∆t for the first business day of the next month will be counted from last month's last calendar day until the first business of the current month.

<sup>&</sup>lt;sup>16</sup> If the last calendar day of the month is not a business day, last business day of the month's ∆t is calculated as the day difference between the last calendar day and the last business day. Consequently, ∆t for the first business day of the next month will be counted from last month's last calendar day until the first business of the current month.



#### 24hr Indices

Appendix C specifies the calculation details for the 24hr Indices.

Two components are used in order to calculate the 24hr benchmarks:

- *PL24H* = The estimated clean price for the next 24 hour period.
- ID24H = The accrued interest for the next 24 hour period.

For any given trading date, *t*, the clean price ( $PL_t$ ) and yield to maturity ( $Y_t$ ) are known. Assuming that the yield for the next 24 hour period is fixed, the dirty price for the next 24 hour period (DP24H) can be calculated accordingly:

PL24H = DP24H - ID24H

With *PL24H* and *ID24H*, the performance of a security in the 24hr Indices can be calculated with the standard equations in *S&P Dow Jones Indices' Fixed Income Index Mathematics Methodology*.

# Appendix D

## S&P/BMV Sovereign International UMS 5-10 Year Target Maturity 30% Capped Bond Index (USD): Liquidity Score Calculation and Tiebreakers

For bonds that do not satisfy the eligibility rules described in Index Construction, a liquidity score is calculated. The liquidity score is calculated as the sum of the Par Amount Violation (PAVM), Years to Maturity Violation (YMVM) and the Years from Issuance Violation (YFIVM).

*Liquidity Score* = *PAVM* + *YMVM* + *YFIVM* 

#### Par Amount Violation (PAVM)

Actual Par Amoun	t Outstanding (PAO)	
Greater or equal to	Less than	Formula
	1 bn	$PAVM = \frac{1bn - PAO}{1 bn}$
1 bn	2 bn	PAVM = 0
2 bn		$PAVM = -30\% \left(\frac{PAO}{2\ bn} - 1\right)$

#### Years to Maturity Violation (YMVM)

Years to Mat	urity (YeToMa)	
Greater or equal to	Less than	Formula
0 years	5 years	$YMVM = 2 * \frac{ 10 - YeToMa }{5}$
5 years	10 years	YMVM = 0
10 years	-	$YMVM = 2 * \frac{ 10 - YeToMa }{5}$

#### Years from Issuance Violation (YFIVM)

Years from	lssuance (YFI)	
Greater or equal to	Less than	Formula
0	5 years	YFIVM = 0
5 years	-	$YFIVM = \frac{YFI - 5}{5}$

Securities are ranked based on the Liquidity Score calculated above. If there is a tie, the following steps will be taken sequentially until a tie breaker is determined:

- 1. Bonds in the current composition are ranked above new constituents.
- 2. The bonds with the most recent issue date will receive a higher rank.
- 3. Bonds with the largest PAO receive a higher rank.
- 4. If after applying all the above steps there is still a tie, securities will be selected at random.

# Appendix E

### Methodology Changes

Methodology changes since January 1, 2015, are as follows:

	Effective Date	Methodology	
Change	(After Close)	Previous	Updated
Corporate and	05/31/2023	Sovereign securities denominated in	
Sovereign Indices		MXN or UDI utilizes the Sovereign	
		Funding Rate for cash reinvestment.	
		Corporate securities denominated in	_
		MAN of ODI utilizes the Bank Funding	
		denominated in LISD utilizes the FED	
		target rate for cash reinvestment.	
Primary Index	03/24/2022	The S&P/BMV Sovereign International	The S&P/BMV Sovereign International
Change:		UMS 5-10 Year Target Maturity 30%	UMS 5-10 Year Target Maturity 30%
S&P/BMV Sovereign		Capped Bond Index (MXN) was	Capped Bond Index (USD) is set as the
International UMS 5-		launched as the primary index with a	primary index with a corresponding
10 Year Target		corresponding a USD currency version.	MXN currency version.
Maturity 30% Capped			
Index Name Change:	12/20/2019	<ul> <li>S&amp;P/BMV/ Sovereign 7+ Day Bond</li> </ul>	<ul> <li>S&amp;P/BMV/ All Sovereign Bond Index</li> </ul>
S&P/BMV Sovereign	12/20/2010	Index	Star / BMV An Overeign Bond Index
7+ Day Bond Index		S&P/BMV Sovereign Floating Rate	S&F/BINV Sovereight Floating Rate 0- 1 Year Bond Index
and S&P/BMV		7+ Day Bond Index	
Sovereign Floating			
Rate /+ Day Bond			
Fligible Securities:	12/01/2017	Constituents must be Mexican	Constituents must be Mexican
S&P/BMV Sovereign		government securities with a maturity	government securities with a maturity
UDIBONOS Inflation-		between 360 and 1080 days and	between one and three years and
Linked 1-3 Year Bond		denominated in Inflation Index	denominated in Inflation Index
Index		Investment Units (Unidades de	Investment Units (Unidades de
Elizible Coovrition	40/04/0047	Inversion or UDI).	Inversion or UDI).
Eligible Securities:	12/01/2017	constituents must be Mexican	constituents must be Mexican
UDIBONOS 3- 5 Year		between 1081 and 1821 days and	between three and five years and
Bond Index		denominated in Inflation Index	denominated in Inflation Index
		Investment Units (Unidades de	Investment Units (Unidades de
		Inversion or UDI).	Inversion or UDI).
Eligible Securities:	12/01/2017	Constituents must be Mexican	Constituents must be Mexican
S&P/BMV Sovereign		government securities with a maturity	government securities with a maturity
UDIBOINOS 5-10 Voar Bond Indox		dependent 1822 and 3642 days and	denominated in Inflation Index
Tear Bond Index		Investment Units (Unidades de	Investment Units (Unidades de
		Inversion or UDI).	Inversion or UDI).
Eligible Securities:	12/01/2017	Constituents must be Mexican	Constituents must be Mexican
S&P/BMV Sovereign		government securities with a maturity	government securities with a maturity
UDIBONOS 10-20		between 3643 and 7305 days and	between 10 and 20 years and
Year Bond Index		denominated in Inflation Index	denominated in Inflation Index
		Investment Units (Unidades de	Investment Units (Unidades de
Eligible Securities:	12/01/2017	Constituents must be Mexican	Constituents must be Mexican
S&P/BMV Sovereign		government securities with a maturity	government securities with a maturity
UDIBONOS 20+ Year		greater than 7306 days and	greater than 20 years and denominated
Bond Index		denominated in Inflation Index	in Inflation Index Investment Units
		Investment Units (Unidades de	(Unidades de Inversion or UDI).
Eligible Securities:	12/01/2017	Inversion or UDI).	Constituents must be Maxison
S&P/BMV Sovereign	12/01/2017	government floating rate coupon bonds	government floating rate coupon bonds

	Effective Date Methodology		
Change	(After Close)	Previous	Updated
Floating Rate 7+ Day		with a maturity between seven and 365	with a maturity between seven days
Bond Index		days and denominated in MXN.	and one year and denominated in MXN.
Eligible Securities:	12/01/2017	Constituents must be Mexican	Constituents must be Mexican
S&P/BMV Sovereign		government floating rate coupon bonds	government floating rate coupon bonds
Bond Index		days the coupon paid every 28 days	and one year, the coupon paid every 28
Dona mack		and denominated in MXN. The coupon	days and denominated in MXN. The
		rate is the Bank Funding rate.	coupon rate is the Bank Funding rate.
Eligible Securities:	12/01/2017	Constituents must be corporate issued	Constituents must be corporate issued
S&P/BMV Corporate		bonds with a maturity between seven	bonds with a maturity between seven
7-365 Day Bond Index		and 365 days and denominated in	days and one year and denominated in
Eligible Securities:	11/20/2016	MAN.	MAN.
S&P/BMV Mexico	11/30/2010	issued CEDEVIS quasi-sovereign	bonds issued by CEDEVIS or
CEDEVIS Index		bonds with a maturity greater than one	CDVITOT, CDVITOT bonds must be
		month and denominated in Inflation	senior bonds with a maturity greater
		Index Investment Units (Unidades de	than one month and denominated in
		Inversion or UDI).	Inflation Index Investment Units
	4.4.100.100.4.0		(Unidades de Inversion or UDI).
Eligible Securities:	11/30/2016	Constituents must be FOVISSSTE-	Constituents must be quasi-sovereign
Bond Index		with a maturity greater than one month	with a maturity greater than one month
Dona macx		and denominated in Inflation Index	and denominated in Inflation Index
		Investment Units (Unidades de	Investment Units (Unidades de
		Inversion or UDI).	Inversion or UDI).
Index Name Change	10/03/2016	All indices were co-branded as S&P/Valmer Indices.	Index names clarified and co-branded as S&P/BMV Fixed Income Indices.
Index Calculation	06/01/2016	Index calculation for all indices	Index calculation for all indices
		conducted by Valmer.	conducted by S&P Dow Jones Indices.
UMS Indices	06/01/2016	Overnight Libor rate for cash reinvestment used in UMS Indices.	Overnight Federal funds rate used for UMS Indices.
Sovereign and	06/01/2016	All indices used the overnight repo rate.	Sovereign and Corporate indices use
Corporate Indices	01/00/0010	The indiana making up the following	the central bank overnight rate.
Index Name Change:	01/29/2016	index families all included	index families all include "Sovereign" in
Government Indices		"Government" in their index names:	their index names: CETES. Fixed Rate.
to Sovereign Indices		CETES, Fixed Rate, Floating Rate,	Floating Rate, Funding Rate,
		Funding Rate, MBONOS, Real Rate,	MBONOS, Real Rate, UDIBONOS and
		UDIBONOS and UMS.	UMS.
		Example: S&P/Valmer Mexico	Example: S&P/Valmer Mexico
		Government Floating Rate Index	Sovereign Floating Rate Index
			The following indices are exceptions to
			this methodology change and their
			names remain unchanged:
			<ul> <li>S&amp;P/Valmer Mexico Government CETES Index</li> </ul>
			S&P/Valmer Mexico Government 5- 10 Year MBONOS Index
			S&P/Valmer Mexico Government 1-5 Year MBONOS Index
			S&P/Valmer Mexico Government
			Inflation-Linked 1+ Year UDIBONOS
			S&P/Valmer Mexico Government International 1+ Year UMS Index
Corporate Indices:	04/01/2015	All Corporate Indices were rebalanced weekly.	All Corporate Indices are rebalanced monthly.
Rebalancing			
Frequency Change			

## Disclaimer

#### Performance Disclosure/Back-Tested Data

Where applicable, S&P Dow Jones Indices and its index-related affiliates ("S&P DJI") defines various dates to assist our clients by 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 to a fixed value for calculation purposes. The Launch Date designates the date when 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 DJI 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 data feed 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.

Please refer to the methodology for the Index 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.

Information presented prior to an index's launch date is hypothetical back-tested performance, not actual performance, and is based on the index methodology in effect on the launch date. However, when creating back-tested history for periods of market anomalies or other periods that do not reflect the general current market environment, index methodology rules may be relaxed to capture a large enough universe of securities to simulate the target market the index is designed to measure or strategy the index is designed to capture. For example, market capitalization and liquidity thresholds may be reduced. In addition, forks have not been factored into the back-test data with respect to the S&P Cryptocurrency Indices. For the S&P Cryptocurrency Top 5 & 10 Equal Weight Indices, the custody element of the methodology was not considered; the back-test history is based on the index constituents that meet the custody element as of the Launch Date. Also, the treatment of corporate actions in back-tested performance may differ from treatment for live indices due to limitations in replicating index management decisions. Back-tested performance reflects application of an index methodology and selection of index constituents with the benefit of hindsight and knowledge of factors that may have positively affected its performance, cannot account for all financial risk that may affect results and may be considered to reflect survivor/look ahead bias. Actual returns may differ significantly from, and be lower than, back-tested returns. Past performance is not an indication or guarantee of future results.

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