



# Deltas y Volatilidades / Deltas & Volatilities

---

Agosto / August 2015

## **Deltas y Volatilidades**

<b>Volatilidad Implícita - Sesgo de la volatilidad</b>	<b>1</b>
<b>Volatilidad Implícita ATM Diaria</b>	<b>9</b>
<b>Volatilidad Implícita ATM Diaria al Vencimiento más cercano</b>	<b>22</b>

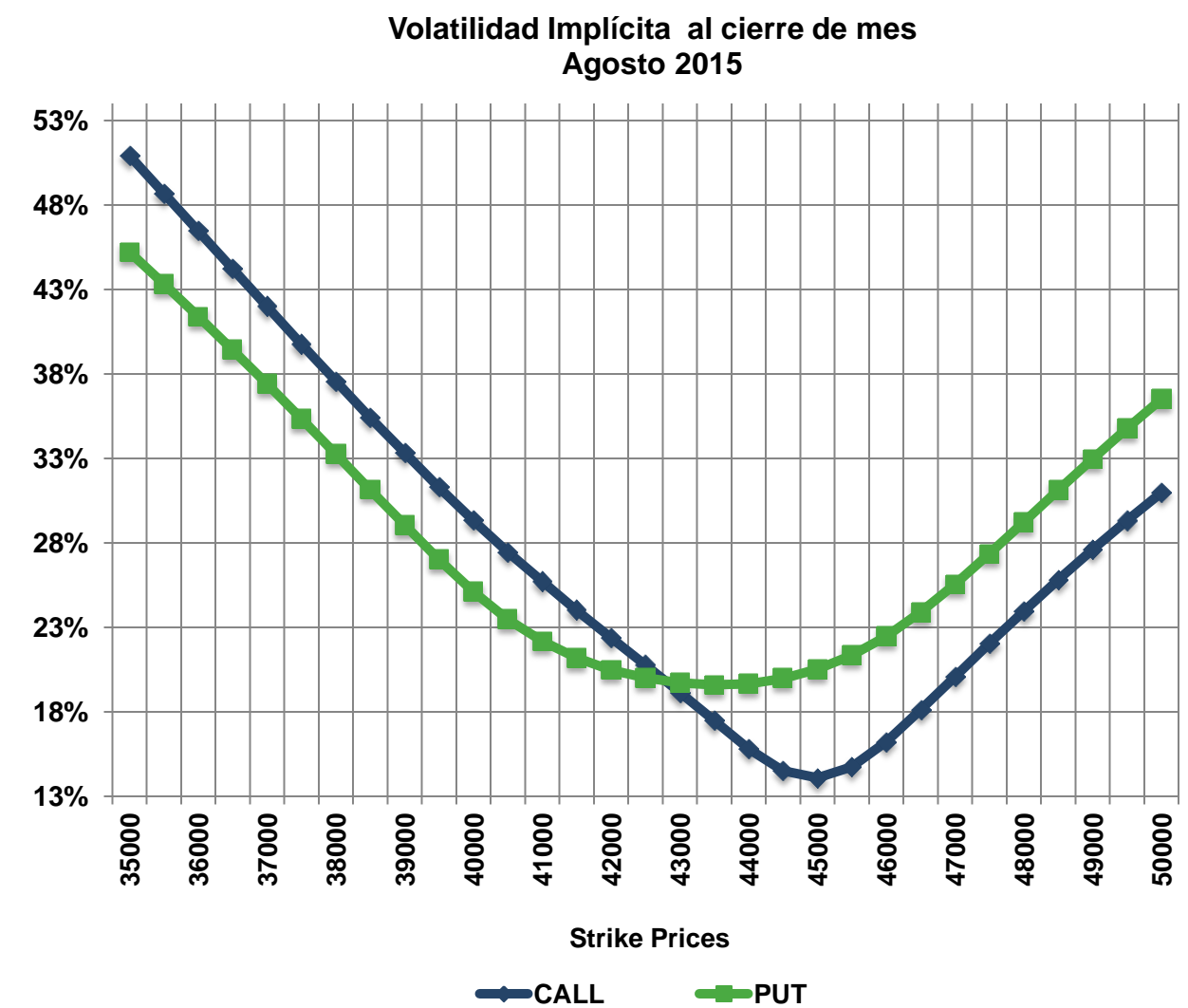
## **Deltas & Volatilities**

<b>Implied Volatility by Strike Price (Volatility Skew)</b>	<b>1</b>
<b>Daily ATM Implied Volatility</b>	<b>9</b>
<b>Daily ATM Nearest Maturity Implied Volatility</b>	<b>22</b>

FECHA DE VENCIMIENTO MATURITY DATE	PRECIO DE EJERCICIO STRIKE PRICE	VOLATILIDAD IMPLÍCITA		DELTA	
		CALL	PUT	CALL	PUT
SP15	35000	50.92%	45.22%	0.971	-0.011
SP15	35500	48.70%	43.33%	0.969	-0.012
SP15	36000	46.46%	41.40%	0.966	-0.013
SP15	36500	44.23%	39.43%	0.963	-0.017
SP15	37000	42.00%	37.41%	0.96	-0.017
SP15	37500	39.77%	35.36%	0.956	-0.019
SP15	38000	37.57%	33.26%	0.952	-0.023
SP15	38500	35.42%	31.15%	0.946	-0.027
SP15	39000	33.33%	29.05%	0.939	-0.034
SP15	39500	31.29%	27.02%	0.929	-0.043
SP15	40000	29.33%	25.11%	0.915	-0.057
SP15	40500	27.46%	23.46%	0.895	-0.076
SP15	41000	25.71%	22.17%	0.867	-0.158
SP15	41500	24.02%	21.19%	0.827	-0.155
SP15	42000	22.39%	20.48%	0.773	-0.201
SP15	42500	20.77%	20.01%	0.703	-0.275
SP15	43000	19.15%	19.72%	0.617	-0.368
SP15	43500	17.49%	19.60%	0.518	-0.481
SP15	44000	15.80%	19.64%	0.355	-0.605
SP15	44500	14.50%	19.97%	0.233	-0.654
SP15	45000	14.08%	20.53%	0.212	-0.818
SP15	45500	14.75%	21.35%	0.088	-0.858
SP15	46000	16.23%	22.47%	0.061	-0.88
SP15	46500	18.10%	23.89%	0.057	-0.895
SP15	47000	20.08%	25.54%	0.042	-0.907
SP15	47500	22.05%	27.35%	0.035	-0.916
SP15	48000	23.96%	29.23%	0.03	-0.924
SP15	48500	25.81%	31.12%	0.027	-0.93
SP15	49000	27.59%	32.97%	0.024	-0.935
SP15	49500	29.31%	34.78%	0.022	-0.94
SP15	50000	30.97%	36.52%	0.02	-0.944

**VOLATILIDAD IMPLÍCITA\* / IMPLIED VOLATILITY\***  
Opciones Futuro IPC / Index Futures Options

**Volatilidad Implícita IPC**

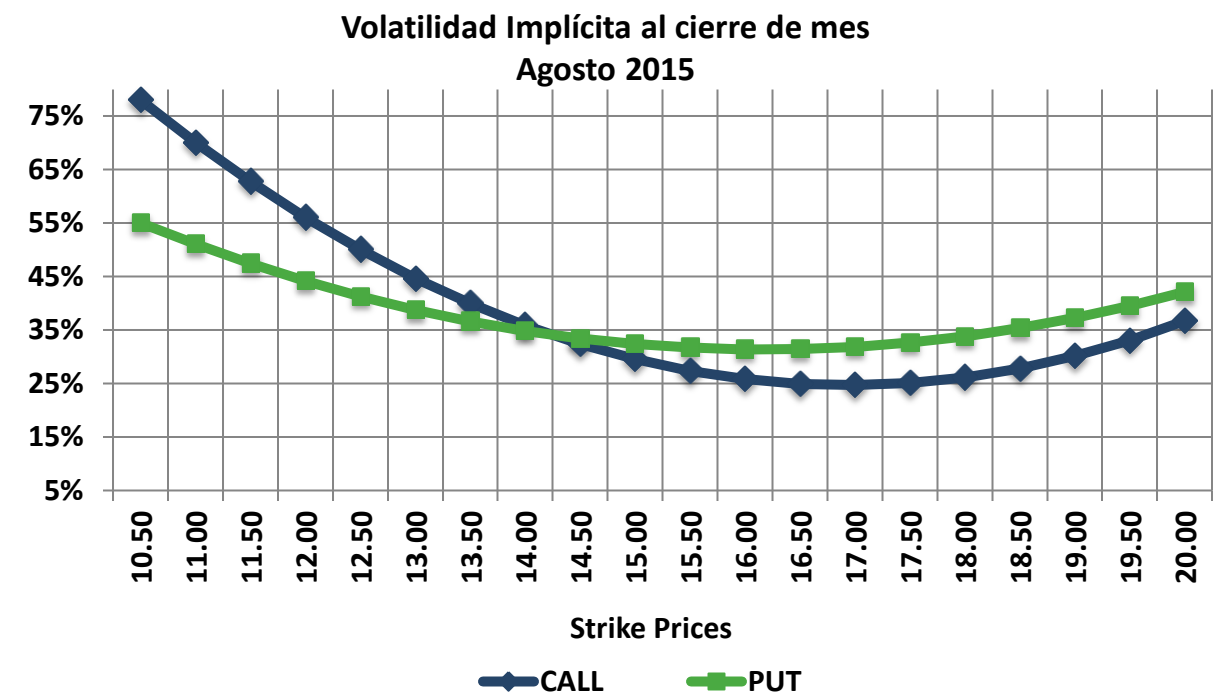


\* Calculada con los precios de cierre al final del mes / Calculated with Last Prices at the end of the Month

FECHA DE VENCIMIENTO MATURITY DATE	PRECIO DE EJERCICIO STRIKE PRICE	VOLATILIDAD IMPLICITA		DELTA	
		CALL	PUT	CALL	PUT
SP15	10.50	77.98%	55.04%	0.988	-0.001
SP15	11.00	70.04%	51.06%	0.986	-0.001
SP15	11.50	62.73%	47.44%	0.984	-0.003
SP15	12.00	56.07%	44.20%	0.979	-0.005
SP15	12.50	50.05%	41.32%	0.97	-0.012
SP15	13.00	44.68%	38.81%	0.955	-0.026
SP15	13.50	39.94%	36.66%	0.928	-0.057
SP15	14.00	35.84%	34.88%	0.876	-0.117
SP15	14.50	32.39%	33.47%	0.782	-0.226
SP15	15.00	29.58%	32.42%	0.63	-0.381
SP15	15.50	27.41%	31.74%	0.425	-0.564
SP15	16.00	25.87%	31.43%	0.224	-0.734
SP15	16.50	24.98%	31.48%	0.088	-0.863
SP15	17.00	24.74%	31.90%	0.027	-0.939
SP15	17.50	25.13%	32.68%	0.008	-0.98
SP15	18.00	26.16%	33.84%	0.002	-0.999
SP15	18.50	27.84%	35.36%	0.001	-1
SP15	19.00	30.15%	37.24%	0.001	-1
SP15	19.50	33.11%	39.49%	0	-1
SP15	20.00	36.71%	42.11%	0	-1

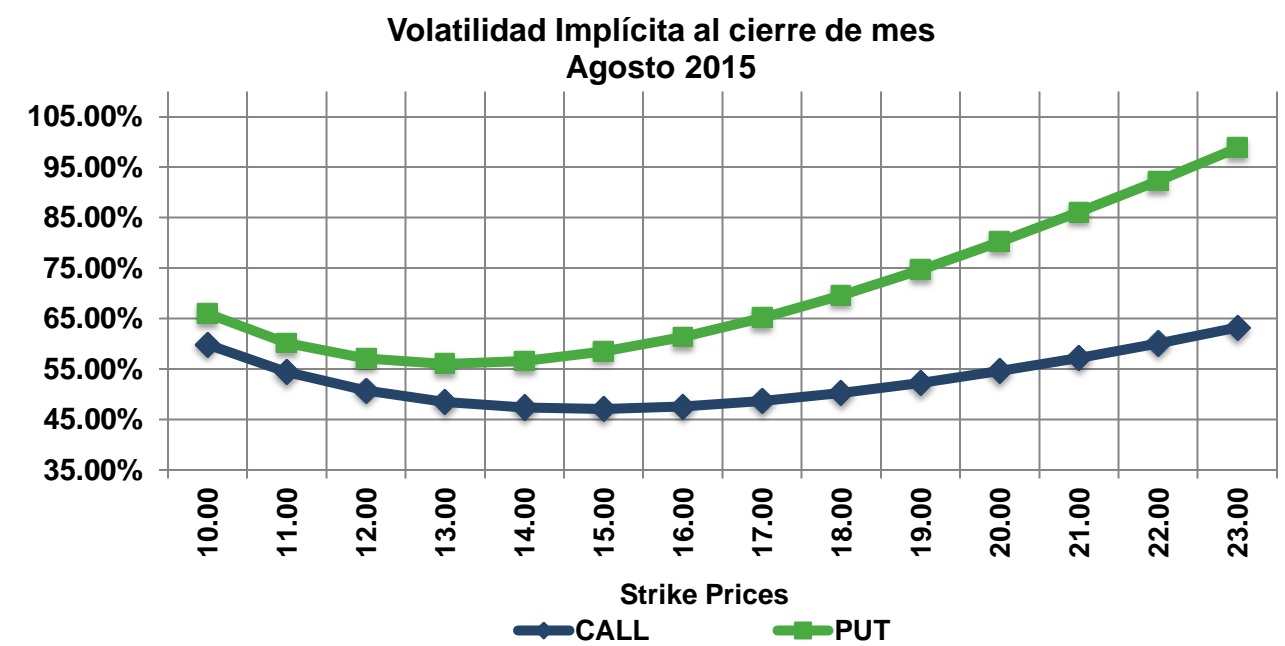
**VOLATILIDAD IMPLÍCITA\* / IMPLIED VOLATILITY\***  
Opciones AMX L & CEMEX CPO / Stock Options

**Volatilidad Implícita AMERICA MOVIL L**



FECHA DE VENCIMIENTO MATURITY DATE	PRECIO DE EJERCICIO STRIKE PRICE	VOLATILIDAD IMPLICITA		DELTA	
		CALL	PUT	CALL	PUT
SP15	10.00	59.92%	65.97%	0.984	-0.026
SP15	11.00	54.45%	60.20%	0.939	-0.08
SP15	12.00	50.78%	57.09%	0.808	-0.216
SP15	13.00	48.52%	56.04%	0.564	-0.439
SP15	14.00	47.37%	56.61%	0.293	-0.671
SP15	15.00	47.12%	58.48%	0.114	-0.832
SP15	16.00	47.60%	61.40%	0.035	-0.922
SP15	17.00	48.68%	65.17%	0.01	-0.963
SP15	18.00	50.26%	69.63%	0.002	-0.983
SP15	19.00	52.26%	74.67%	0.001	-0.992
SP15	20.00	54.60%	80.18%	0	-0.997
SP15	21.00	57.23%	86.08%	0	-0.999
SP15	22.00	60.11%	92.31%	0	-1
SP15	23.00	63.20%	98.81%	0	-1

**Volatilidad Implícita CEMEX**

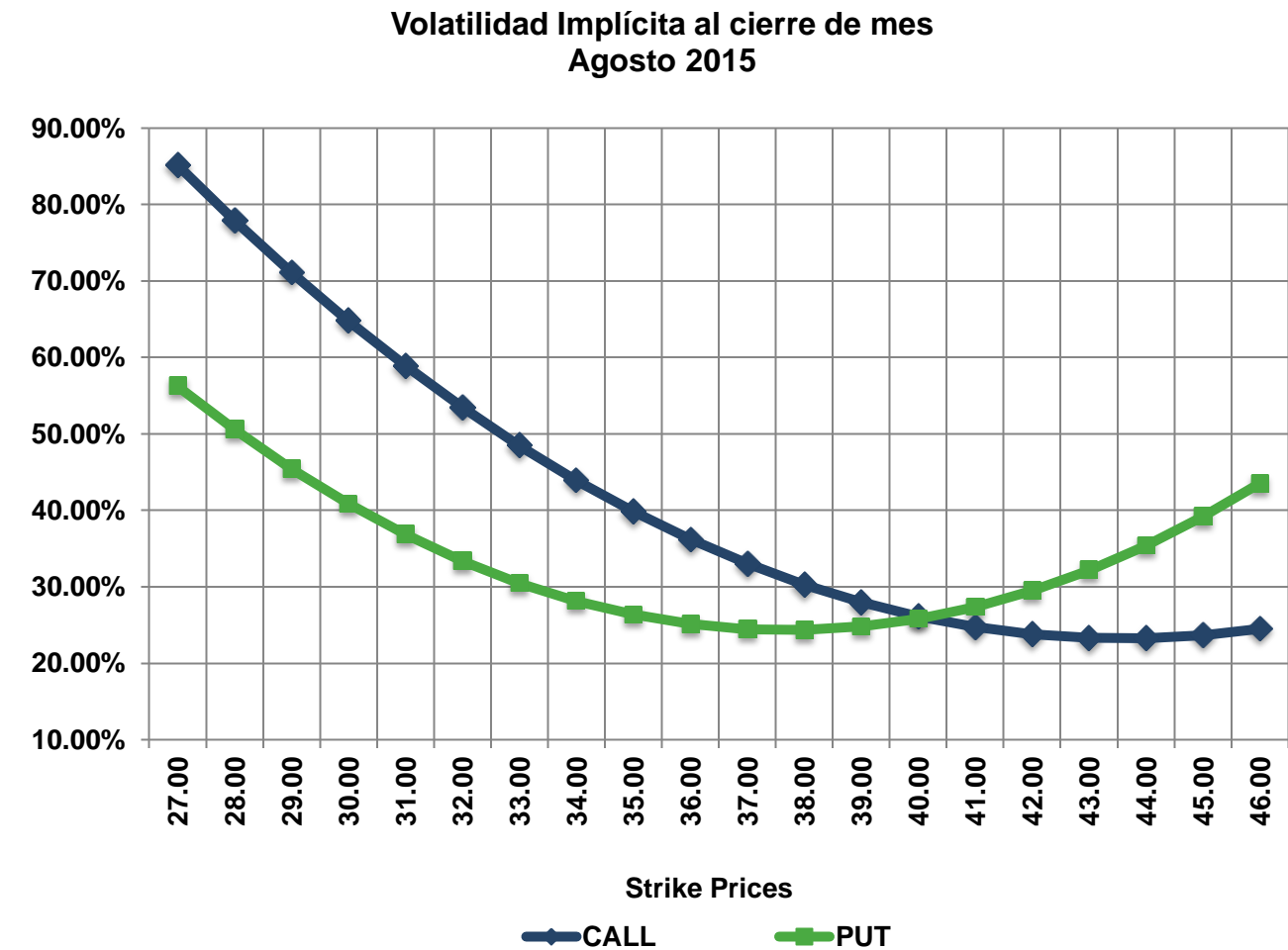


\* Calculada con los precios de cierre al final del mes / Calculated with Last Prices at the end of the Month

**VOLATILIDAD IMPLÍCITA\* / IMPLIED VOLATILITY\***  
Opciones WALMEX V & TLEVISA CPO / Stock Options

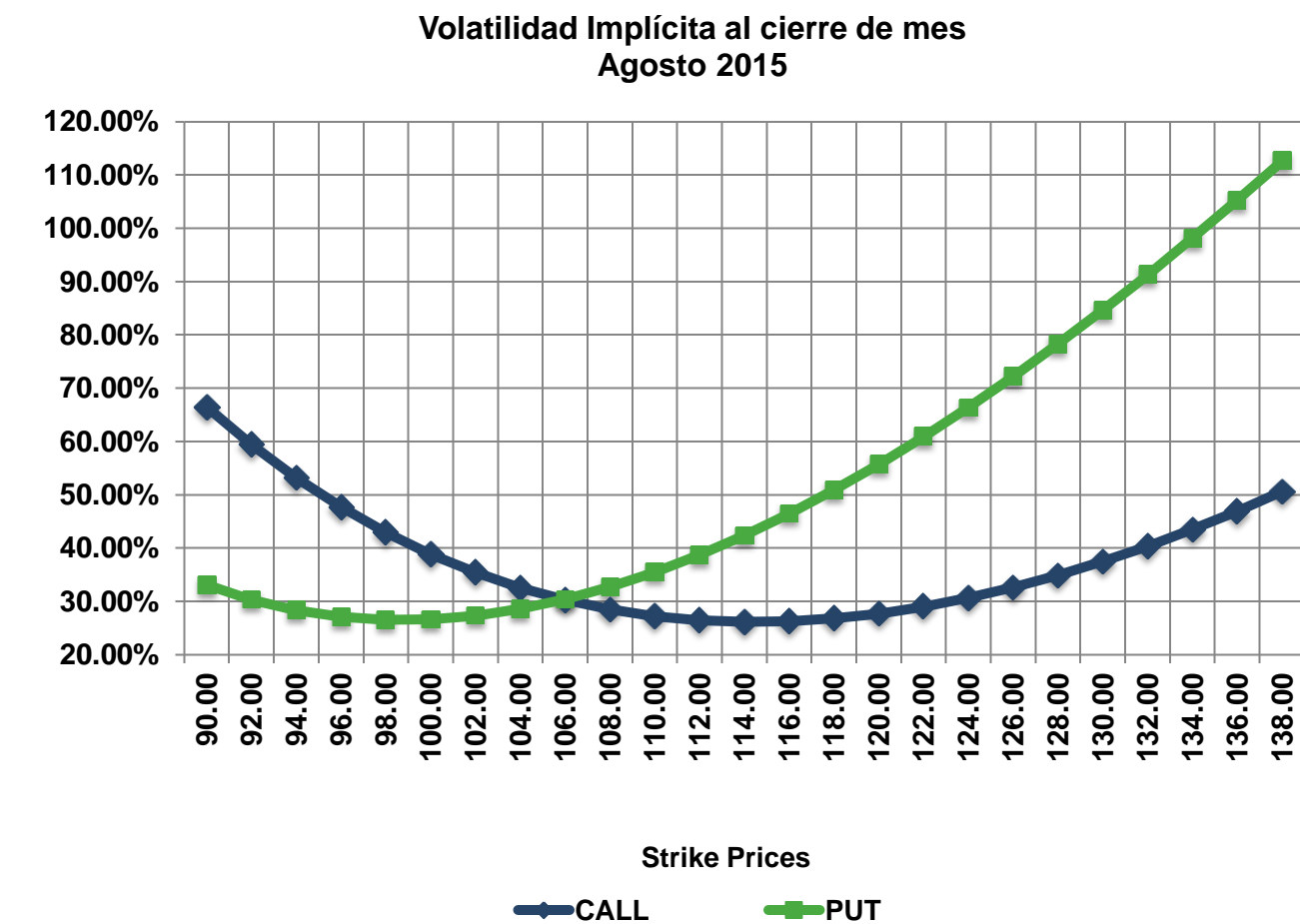
**Volatilidad Implícita WALMEX**

FECHA DE VENCIMIENTO MATURITY DATE	PRECIO DE EJERCICIO STRIKE PRICE	VOLATILIDAD IMPLÍCITA		DELTA	
		CALL	PUT	CALL	PUT
SP15	27.00	85.14%	56.24%	0.987	0
SP15	28.00	77.91%	50.56%	0.986	0
SP15	29.00	71.12%	45.43%	0.985	0
SP15	30.00	64.78%	40.85%	0.983	0
SP15	31.00	58.90%	36.84%	0.981	-0.001
SP15	32.00	53.46%	33.38%	0.977	-0.001
SP15	33.00	48.47%	30.48%	0.971	-0.001
SP15	34.00	43.93%	28.14%	0.963	-0.003
SP15	35.00	39.84%	26.36%	0.947	-0.008
SP15	36.00	36.20%	25.13%	0.922	-0.022
SP15	37.00	33.01%	24.46%	0.88	-0.06
SP15	38.00	30.27%	24.35%	0.809	-0.144
SP15	39.00	27.98%	24.80%	0.697	-0.283
SP15	40.00	26.14%	25.80%	0.545	-0.458
SP15	41.00	24.74%	27.36%	0.37	-0.621
SP15	42.00	23.80%	29.48%	0.209	-0.744
SP15	43.00	23.31%	32.15%	0.1	-0.825
SP15	44.00	23.27%	35.38%	0.041	-0.876
SP15	45.00	23.67%	39.18%	0.016	-0.903
SP15	46.00	24.53%	43.52%	0.006	-0.921



FECHA DE VENCIMIENTO MATURITY DATE	PRECIO DE EJERCICIO STRIKE PRICE	VOLATILIDAD IMPLÍCITA		DELTA	
		CALL	PUT	CALL	PUT
SP15	90.00	66.43%	33.09%	0.833	-0.033
SP15	92.00	59.40%	30.33%	0.815	-0.049
SP15	94.00	53.17%	28.36%	0.789	-0.076
SP15	96.00	47.70%	27.11%	0.753	-0.127
SP15	98.00	42.94%	26.54%	0.702	-0.21
SP15	100.00	38.85%	26.62%	0.635	-0.322
SP15	102.00	35.40%	27.31%	0.546	-0.451
SP15	104.00	32.54%	28.57%	0.441	-0.575
SP15	106.00	30.25%	30.37%	0.326	-0.678
SP15	108.00	28.49%	32.68%	0.217	-0.753
SP15	110.00	27.24%	35.46%	0.13	-0.807
SP15	112.00	26.47%	38.70%	0.072	-0.841
SP15	114.00	26.16%	42.37%	0.037	-0.866
SP15	116.00	26.28%	46.44%	0.019	-0.879
SP15	118.00	26.80%	50.90%	0.01	-0.886
SP15	120.00	27.71%	55.72%	0.005	-0.891
SP15	122.00	29.00%	60.88%	0.004	-0.892
SP15	124.00	30.63%	66.36%	0.003	-0.891
SP15	126.00	32.60%	72.16%	0.002	-0.889
SP15	128.00	34.88%	78.25%	0.002	-0.886
SP15	130.00	37.47%	84.61%	0.002	-0.881
SP15	132.00	40.35%	91.24%	0.002	-0.876
SP15	134.00	43.50%	98.12%	0.003	-0.871
SP15	136.00	46.91%	105.24%	0.004	-0.865
SP15	138.00	50.58%	112.59%	0.004	-0.859

**Volatilidad Implícita TLEVISA**

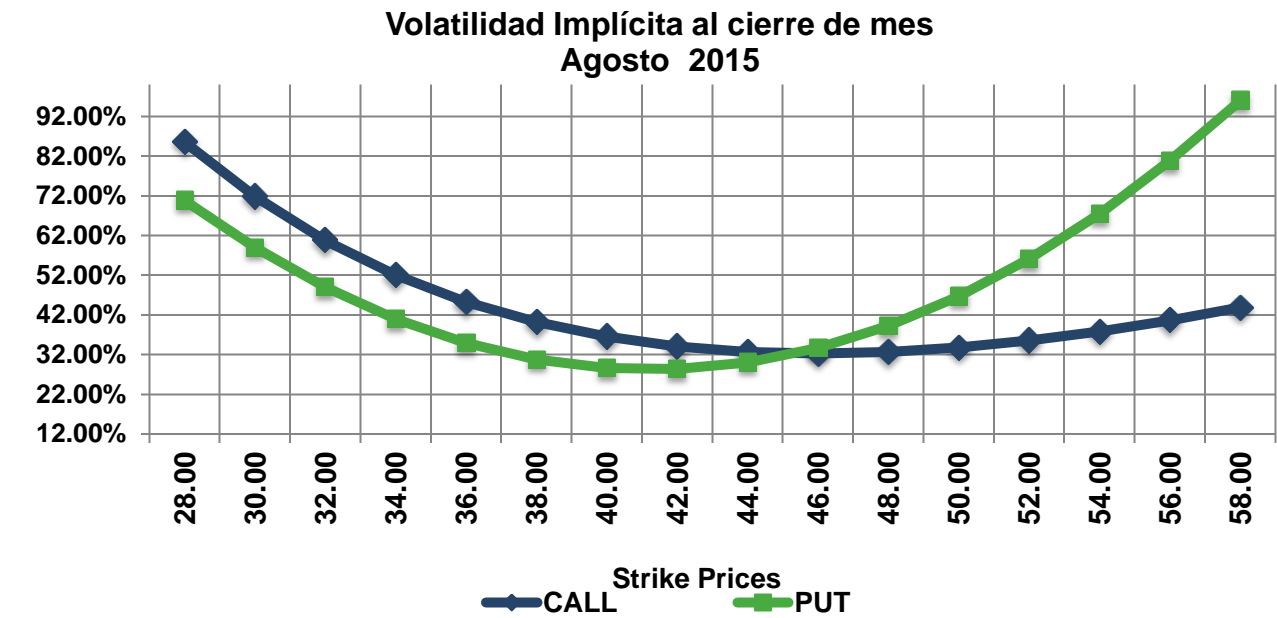


\* Calculada con los precios de cierre al final del mes / Calculated with Last Prices at the end of the Month

FECHA DE VENCIMIENTO MATURITY DATE	PRECIO DE EJERCICIO STRIKE PRICE	VOLATILIDAD IMPLICITA		DELTA	
		CALL	PUT	CALL	PUT
SP15	28.00	85.63%	70.87%	0.99	-0.003
SP15	30.00	71.84%	58.98%	0.989	-0.003
SP15	32.00	60.80%	49.02%	0.986	-0.003
SP15	34.00	52.07%	41.00%	0.978	-0.006
SP15	36.00	45.29%	34.92%	0.957	-0.014
SP15	38.00	40.19%	30.78%	0.904	-0.046
SP15	40.00	36.51%	28.58%	0.786	-0.16
SP15	42.00	34.07%	28.31%	0.579	-0.412
SP15	44.00	32.71%	29.99%	0.331	-0.691
SP15	46.00	32.28%	33.60%	0.142	-0.854
SP15	48.00	32.66%	39.15%	0.049	-0.922
SP15	50.00	33.77%	46.63%	0.016	-0.943
SP15	52.00	35.52%	56.06%	0.005	-0.948
SP15	54.00	37.83%	67.42%	0.002	-0.942
SP15	56.00	40.64%	80.72%	0.001	-0.931
SP15	58.00	43.89%	95.96%	0.001	-0.917

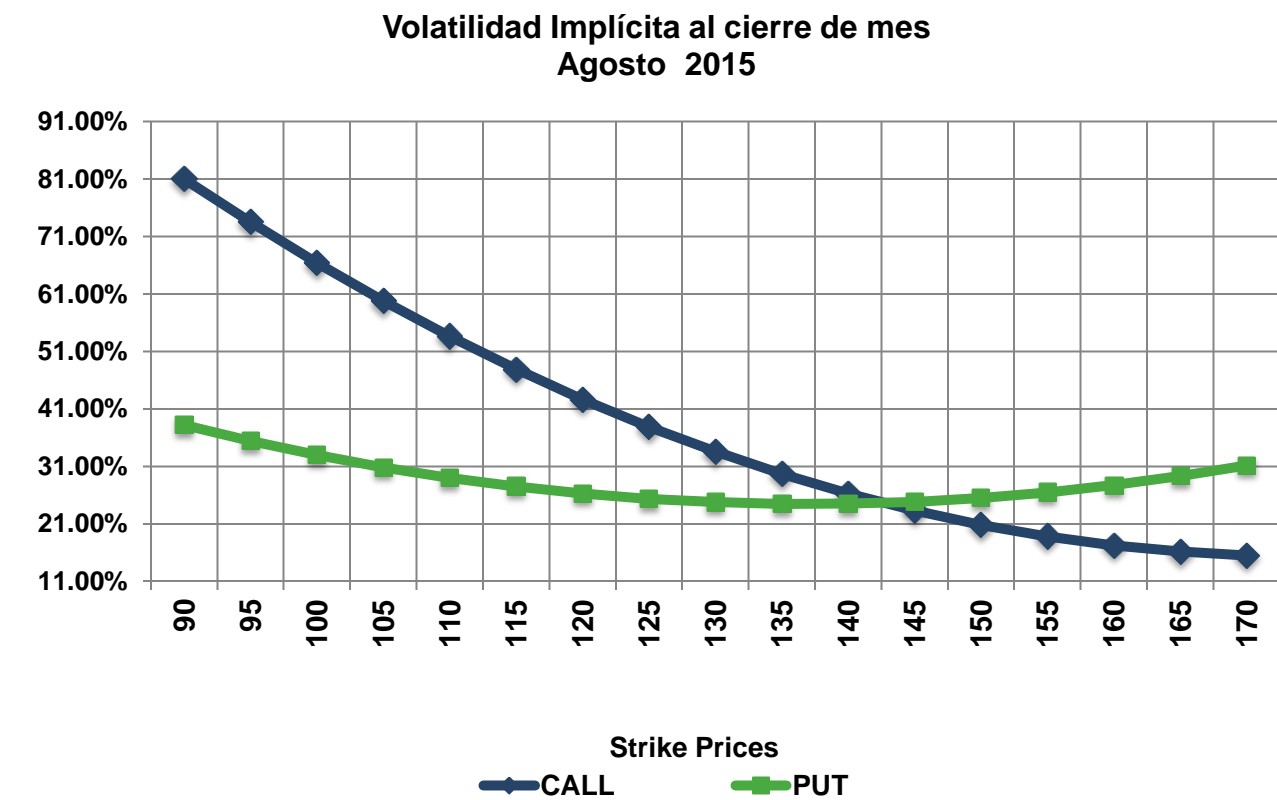
**VOLATILIDAD IMPLÍCITA\* / IMPLIED VOLATILITY\***  
Opciones GMEXICO B & FEMSA UBD | Stock Options

**Volatilidad Implícita GMEXICO**



FECHA DE VENCIMIENTO MATURITY DATE	PRECIO DE EJERCICIO STRIKE PRICE	VOLATILIDAD IMPLICITA		DELTA	
		CALL	PUT	CALL	PUT
SP15	90	81.05%	38.19%	0.999	0
SP15	95	73.50%	35.42%	0.998	0
SP15	100	66.41%	32.97%	0.998	0
SP15	105	59.78%	30.82%	0.997	0
SP15	110	53.61%	28.98%	0.996	0
SP15	115	47.90%	27.46%	0.995	0
SP15	120	42.66%	26.24%	0.992	0
SP15	125	37.87%	25.34%	0.986	-0.001
SP15	130	33.54%	24.75%	0.973	-0.004
SP15	135	29.67%	24.46%	0.945	-0.027
SP15	140	26.27%	24.49%	0.88	-0.106
SP15	145	23.32%	24.83%	0.737	-0.277
SP15	150	20.83%	25.48%	0.486	-0.511
SP15	155	18.81%	26.44%	0.202	-0.724
SP15	160	17.24%	27.71%	0.04	-0.868
SP15	165	16.14%	29.29%	0.003	-0.943
SP15	170	15.50%	31.18%	0	-0.98

**Volatilidad Implícita FEMSA**



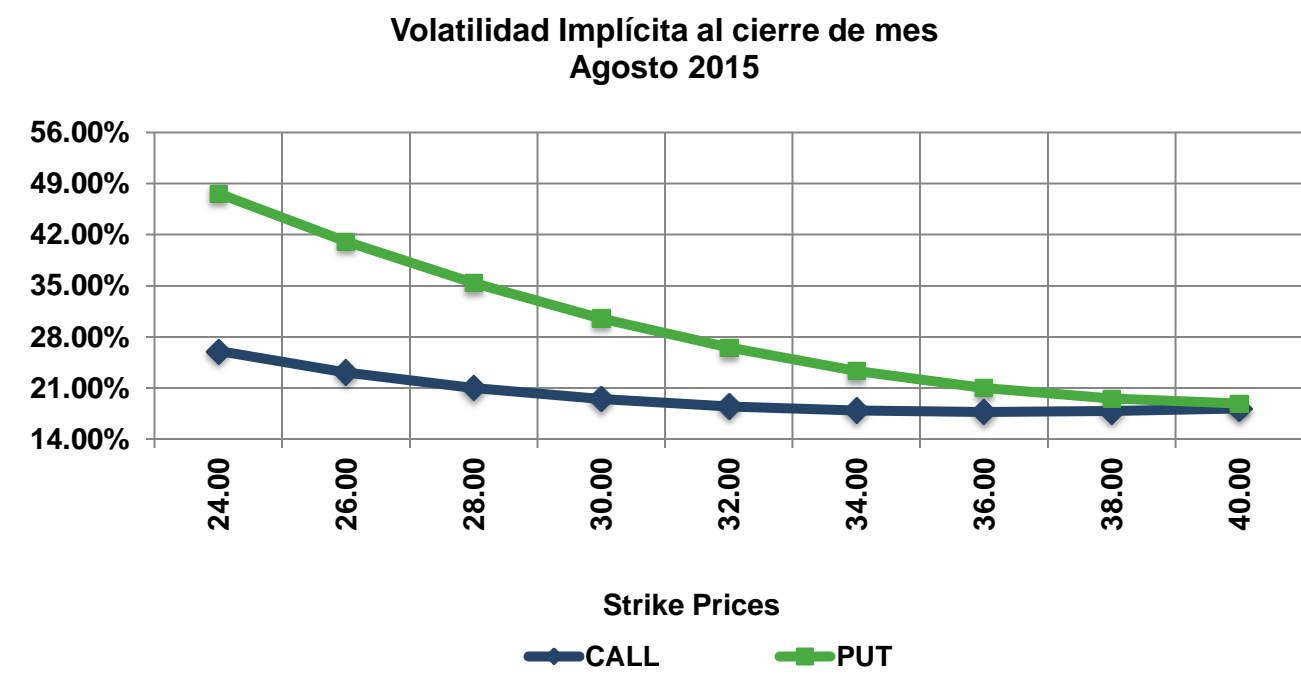
\* Calculada con los precios de cierre al final del mes / Calculated with Last Prices at the end of the Month

**VOLATILIDAD IMPLÍCITA\* / IMPLIED VOLATILITY\***  
Opciones LALA B I Stock Options

**Volatilidad Implícita LALA B**

FECHA DE VENCIMIENTO MATURITY DATE	PRECIO DE EJERCICIO STRIKE PRICE	VOLATILIDAD IMPLICITA		DELTA	
		CALL	PUT	CALL	PUT
SP15	24.00	26.06%	47.63%	1	0
SP15	26.00	23.15%	41.09%	1	0
SP15	28.00	21.01%	35.39%	1	0
SP15	30.00	19.50%	30.53%	1	0
SP15	32.00	18.50%	26.52%	1	-0.002
SP15	34.00	17.94%	23.36%	0.997	-0.016
SP15	36.00	17.73%	21.03%	0.909	-0.129
SP15	38.00	17.83%	19.55%	0.484	-0.517
SP15	40.00	18.18%	18.92%	0.094	-0.913

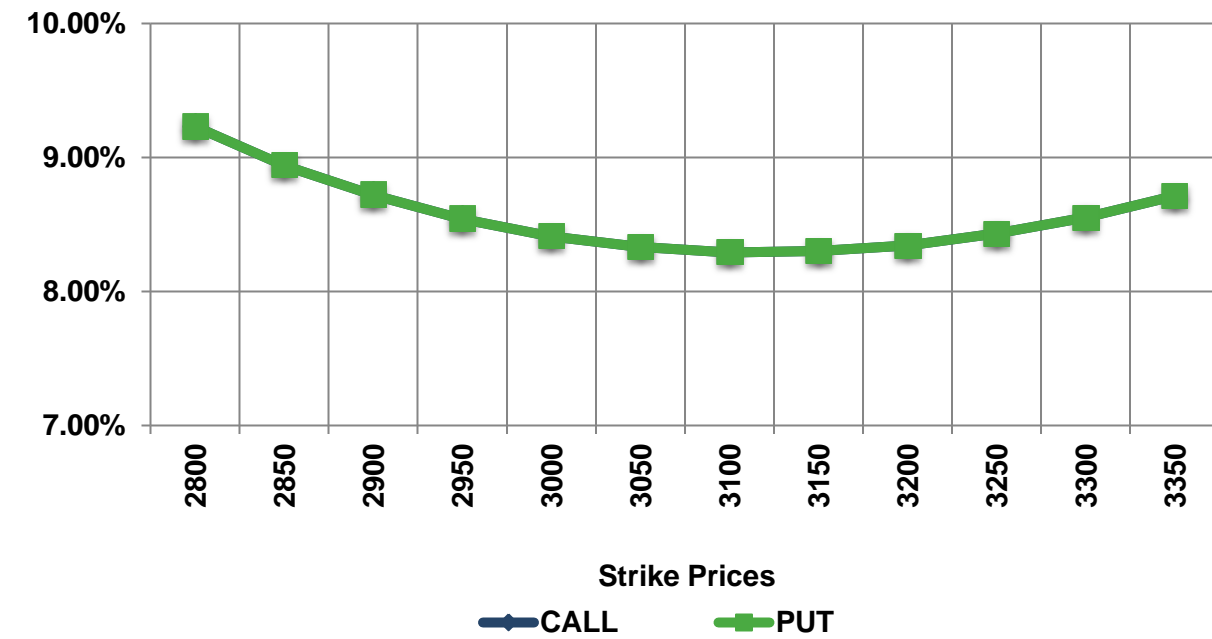
\* Calculada con los precios de cierre al final del mes / Calculated with Last Prices at the end of the Month



**VOLATILIDAD IMPLÍCITA\* / IMPLIED VOLATILITY\***  
 Opciones ISHARES S&P & MEXTRAC | ETF's Options

**Volatilidad Implícita ISHARES S&P**

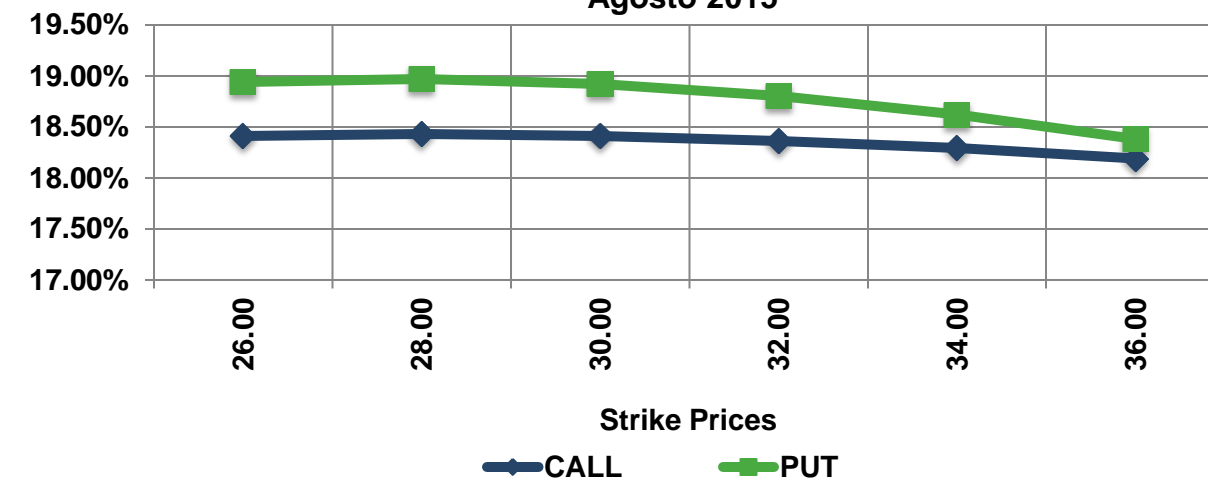
Volatilidad Implícita al cierre de mes  
 Agosto 2015



FECHA DE VENCIMIENTO MATURITY DATE	PRECIO DE EJERCICIO STRIKE PRICE	VOLATILIDAD IMPLICITA		DELTA	
		CALL	PUT	CALL	PUT
SP15	2800	9.23%	9.23%	1	0
SP15	2850	8.94%	8.94%	1	0
SP15	2900	8.72%	8.72%	1	0
SP15	2950	8.54%	8.54%	1	0
SP15	3000	8.41%	8.41%	1	0
SP15	3050	8.33%	8.33%	1	0
SP15	3100	8.29%	8.29%	1	0
SP15	3150	8.30%	8.30%	0.999	-0.001
SP15	3200	8.34%	8.34%	0.986	-0.014
SP15	3250	8.43%	8.43%	0.909	-0.092
SP15	3300	8.55%	8.55%	0.695	-0.31
SP15	3350	8.71%	8.71%	0.392	-0.626

**Volatilidad Implícita MEXTRAC**

Volatilidad Implícita al cierre de mes  
 Agosto 2015



FECHA DE VENCIMIENTO MATURITY DATE	PRECIO DE EJERCICIO STRIKE PRICE	VOLATILIDAD IMPLICITA		DELTA	
		CALL	PUT	CALL	PUT
SP15	26.00	18.41%	18.94%	1	0
SP15	28.00	18.43%	18.97%	0.985	-0.017
SP15	30.00	18.41%	18.92%	0.679	-0.328
SP15	32.00	18.36%	18.80%	0.131	-0.88
SP15	34.00	18.29%	18.62%	0.004	-1
SP15	36.00	18.19%	18.38%	0	-1

\* Calculada con los precios de cierre al final del mes / Calculated with Last Prices at the end of the Month



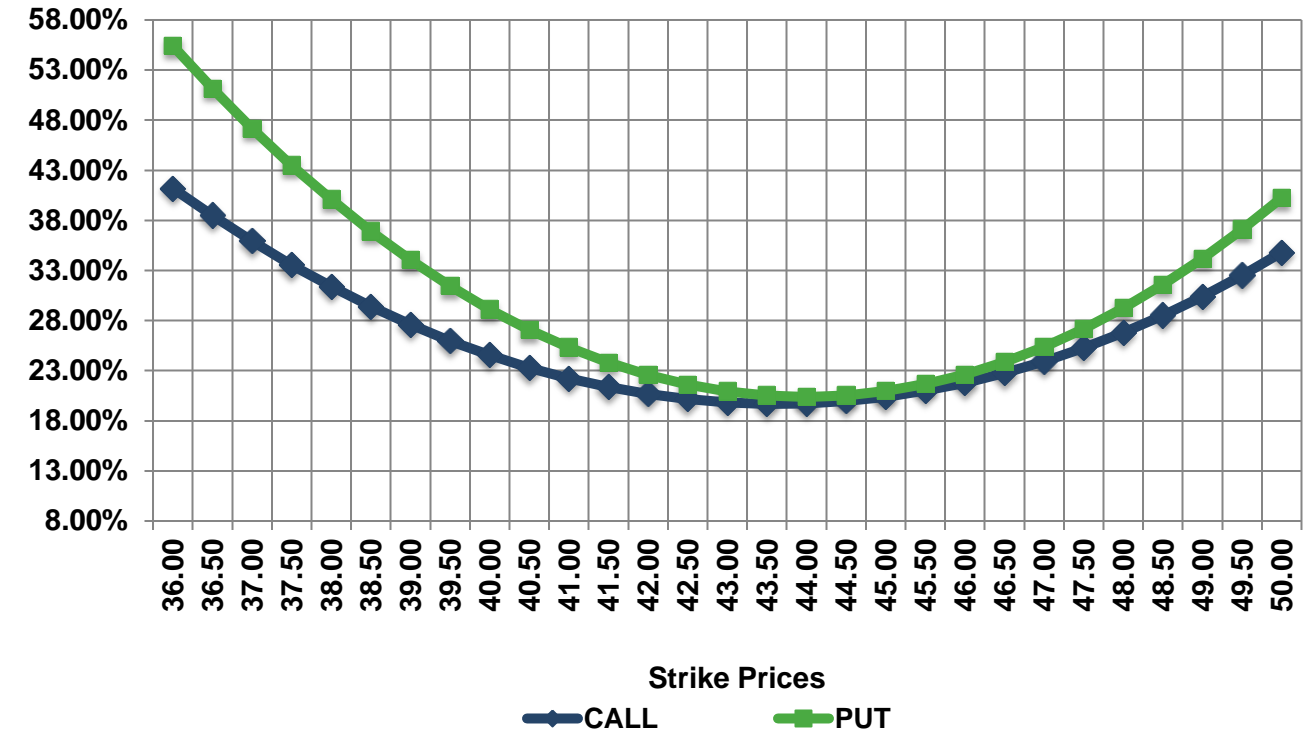
**VOLATILIDAD IMPLÍCITA\* / IMPLIED VOLATILITY\***

Opciones NAFTRAC & BRTRAC | ETF's Options

FECHA DE VENCIMIENTO MATURITY DATE	PRECIO DE EJERCICIO STRIKE PRICE	VOLATILIDAD IMPLÍCITA		DELTA	
		CALL	PUT	CALL	PUT
SP15	36.00	41.20%	55.40%	0.985	-0.051
SP15	36.50	38.47%	51.15%	0.985	-0.05
SP15	37.00	35.92%	47.18%	0.984	-0.051
SP15	37.50	33.56%	43.48%	0.982	-0.051
SP15	38.00	31.39%	40.06%	0.98	-0.053
SP15	38.50	29.40%	36.91%	0.976	-0.057
SP15	39.00	27.59%	34.04%	0.97	-0.061
SP15	39.50	25.97%	31.44%	0.963	-0.068
SP15	40.00	24.54%	29.11%	0.95	-0.081
SP15	40.50	23.29%	27.06%	0.933	-0.099
SP15	41.00	22.23%	25.29%	0.905	-0.123
SP15	41.50	21.35%	23.79%	0.866	-0.16
SP15	42.00	20.66%	22.56%	0.811	-0.211
SP15	42.50	20.15%	21.61%	0.739	-0.277
SP15	43.00	19.83%	20.93%	0.648	-0.361
SP15	43.50	19.69%	20.52%	0.546	-0.458
SP15	44.00	19.74%	20.39%	0.442	-0.56
SP15	44.50	19.97%	20.54%	0.346	-0.656
SP15	45.00	20.39%	20.96%	0.263	-0.739
SP15	45.50	21.00%	21.65%	0.196	-0.807
SP15	46.00	21.78%	22.62%	0.146	-0.855
SP15	46.50	22.76%	23.86%	0.112	-0.888
SP15	47.00	23.92%	25.38%	0.086	-0.911
SP15	47.50	25.26%	27.17%	0.071	-0.928
SP15	48.00	26.79%	29.24%	0.059	-0.935
SP15	48.50	28.51%	31.58%	0.051	-0.939
SP15	49.00	30.41%	34.19%	0.046	-0.941
SP15	49.50	32.50%	37.08%	0.044	-0.94
SP15	50.00	34.77%	40.25%	0.042	-0.938

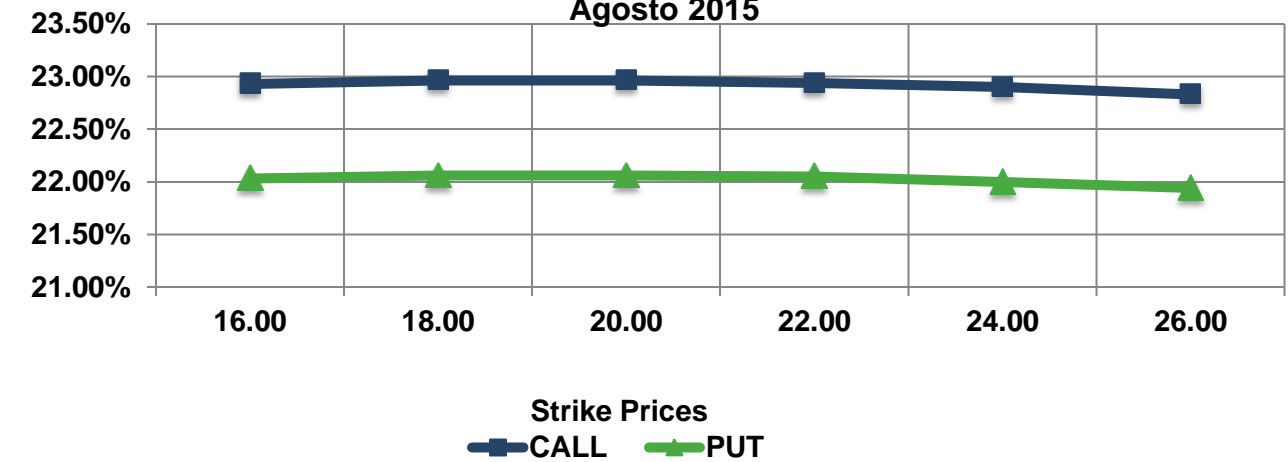
**Volatilidad Implícita NAFTRAC 02**

Volatilidad Implícita al cierre de mes Agosto 2015



**Volatilidad Implícita BRTRAC**

Volatilidad Implícita al cierre de mes Agosto 2015



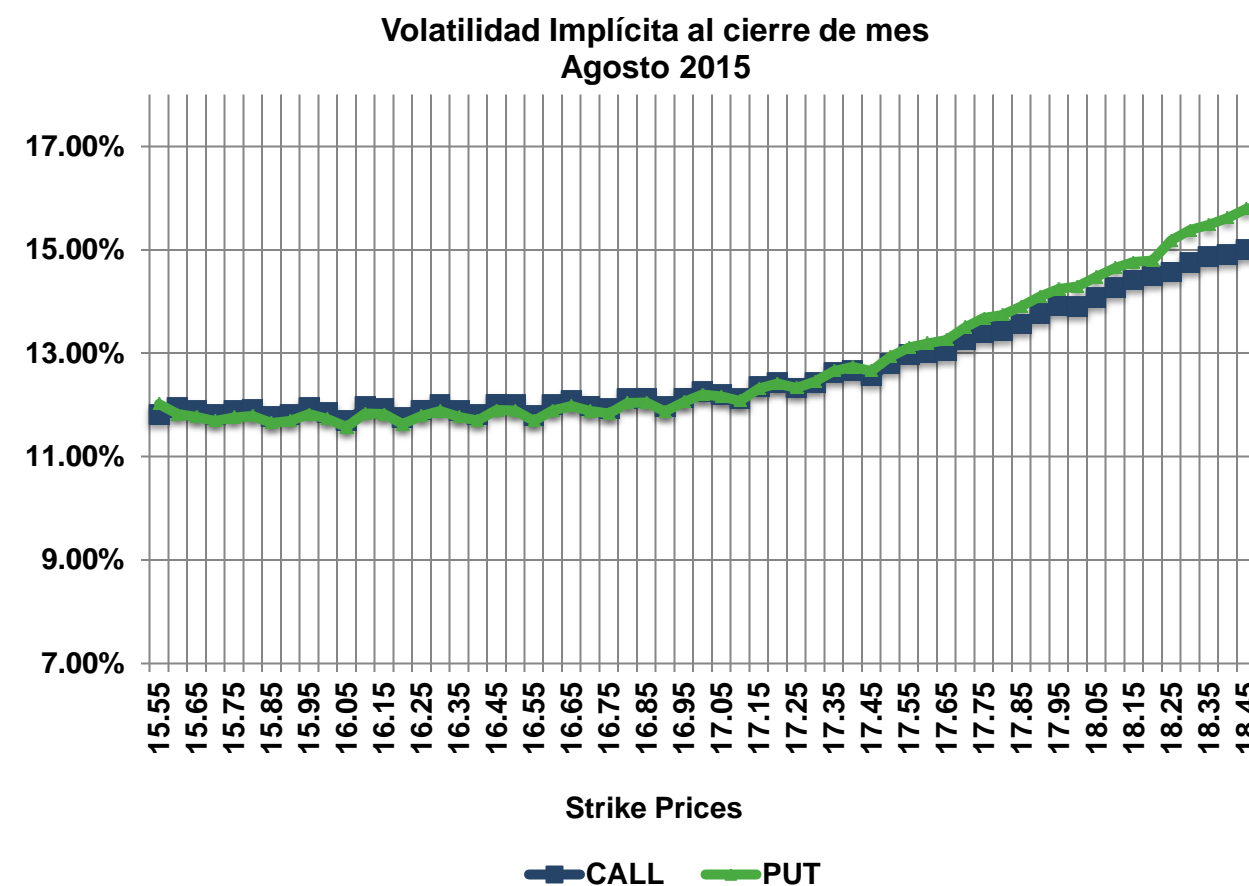
\* Calculada con los precios de cierre al final del mes / Calculated with Last Prices at the end of the Month

FECHA DE VENCIMIENTO MATURITY DATE	PRECIO DE EJERCICIO STRIKE PRICE	VOLATILIDAD IMPLICITA		DELTA	
		CALL	PUT	CALL	PUT
SP15	15.55	11.81%	12.02%	0.998	-0.001
SP15	15.60	11.94%	11.82%	0.997	-0.001
SP15	15.65	11.89%	11.77%	0.997	-0.002
SP15	15.70	11.80%	11.69%	0.996	-0.003
SP15	15.75	11.88%	11.76%	0.995	-0.004
SP15	15.80	11.91%	11.79%	0.992	-0.006
SP15	15.85	11.77%	11.65%	0.989	-0.009
SP15	15.90	11.81%	11.69%	0.986	-0.012
SP15	15.95	11.94%	11.82%	0.98	-0.018
SP15	16.00	11.85%	11.73%	0.972	-0.026
SP15	16.05	11.69%	11.57%	0.964	-0.033
SP15	16.10	11.95%	11.83%	0.952	-0.045
SP15	16.15	11.93%	11.82%	0.935	-0.062
SP15	16.20	11.75%	11.63%	0.918	-0.079
SP15	16.25	11.90%	11.79%	0.899	-0.098
SP15	16.30	11.99%	11.88%	0.87	-0.127
SP15	16.35	11.88%	11.77%	0.84	-0.157
SP15	16.40	11.81%	11.70%	0.809	-0.188
SP15	16.45	12.01%	11.90%	0.77	-0.227
SP15	16.50	11.99%	11.89%	0.727	-0.27
SP15	16.55	11.79%	11.69%	0.684	-0.314
SP15	16.60	11.99%	11.89%	0.637	-0.36
SP15	16.65	12.08%	11.98%	0.587	-0.411
SP15	16.70	11.97%	11.88%	0.537	-0.462
SP15	16.75	11.92%	11.83%	0.486	-0.513
SP15	16.80	12.12%	12.04%	0.436	-0.563
SP15	16.85	12.13%	12.05%	0.388	-0.611
SP15	16.90	11.95%	11.87%	0.341	-0.659
SP15	16.95	12.13%	12.06%	0.295	-0.705
SP15	17.00	12.25%	12.20%	0.257	-0.743
SP15	17.05	12.20%	12.16%	0.22	-0.78
SP15	17.10	12.12%	12.08%	0.184	-0.816
SP15	17.15	12.34%	12.32%	0.155	-0.844
SP15	17.20	12.42%	12.41%	0.131	-0.868
SP15	17.25	12.32%	12.33%	0.108	-0.891
SP15	17.30	12.42%	12.45%	0.085	-0.913
SP15	17.35	12.61%	12.66%	0.072	-0.926
SP15	17.40	12.66%	12.73%	0.059	-0.939
SP15	17.45	12.55%	12.66%	0.047	-0.951
SP15	17.50	12.80%	12.93%	0.037	-0.96
SP15	17.55	12.96%	13.11%	0.031	-0.967
SP15	17.60	13.00%	13.19%	0.025	-0.973
SP15	17.65	13.04%	13.26%	0.019	-0.978
SP15	17.70	13.26%	13.50%	0.015	-0.982
SP15	17.75	13.40%	13.68%	0.013	-0.985
SP15	17.80	13.43%	13.74%	0.01	-0.987
SP15	17.85	13.56%	13.90%	0.008	-0.99
SP15	17.90	13.76%	14.10%	0.006	-0.991
SP15	17.95	13.91%	14.24%	0.005	-0.992
SP15	18.00	13.89%	14.29%	0.004	-0.994
SP15	18.05	14.07%	14.47%	0.003	-0.995
SP15	18.10	14.27%	14.65%	0.003	-0.995
SP15	18.15	14.41%	14.76%	0.002	-0.996
SP15	18.20	14.49%	14.79%	0.002	-0.996
SP15	18.25	14.57%	15.18%	0.001	-0.997
SP15	18.30	14.74%	15.38%	0.001	-0.997
SP15	18.35	14.86%	15.48%	0.001	-0.998
SP15	18.40	14.90%	15.62%	0.001	-0.998
SP15	18.45	15.00%	15.79%	0	-0.998
SP15	18.50	15.15%	15.87%	0	-0.998

### VOLATILIDAD IMPLÍCITA \* / IMPLIED VOLATILITY

Opciones Dólar I Currency Options

#### Volatilidad Implícita DEUA



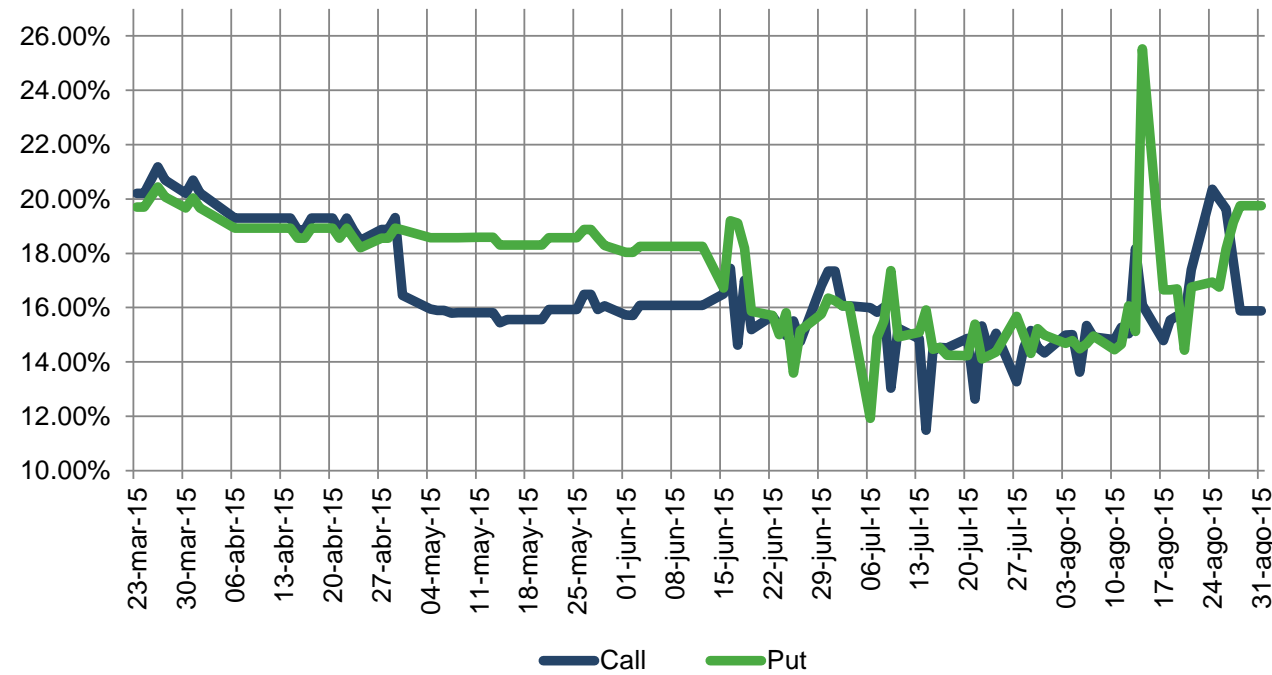
\* Calculada con los precios de cierre al final del mes / Calculated with Last Prices at the end of the Month

# Volatilidad Implícita ATM de IPC

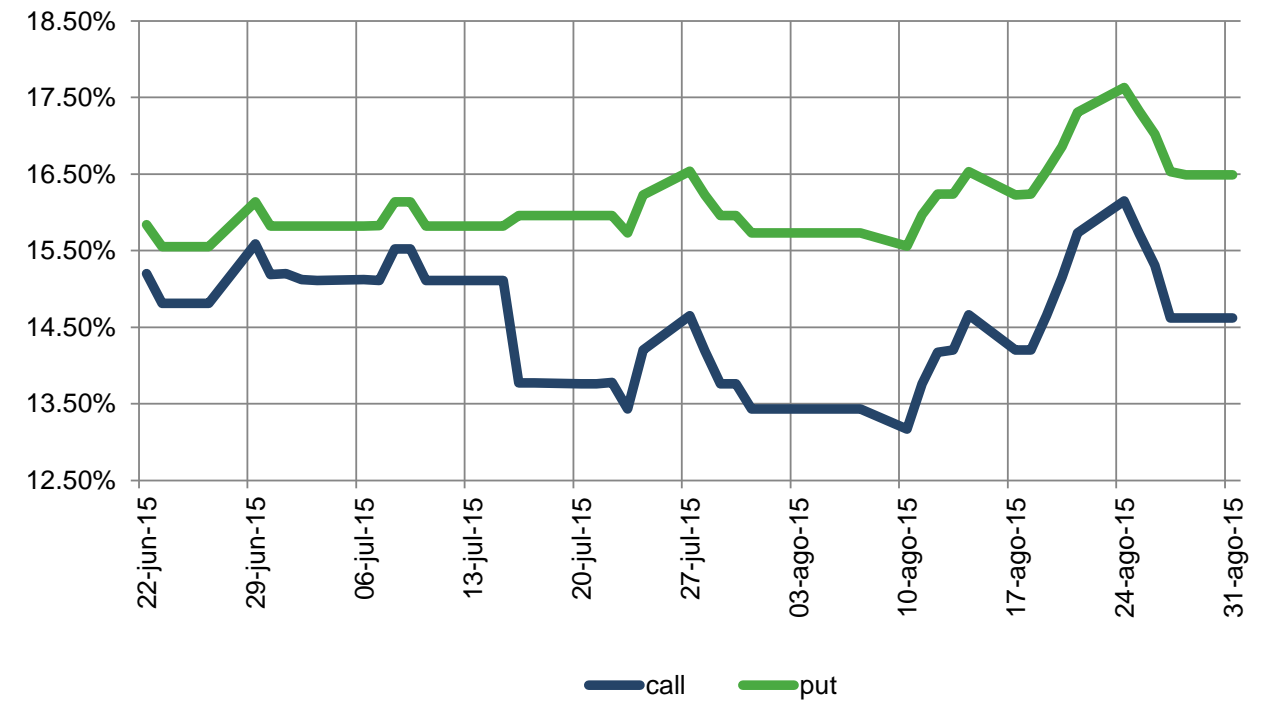
VOLATILIDAD IMPLÍCITA ATM DIARIA\* / DAILY IMPLIED ATM VOLATILITY\*

IPC / Equity Index Options

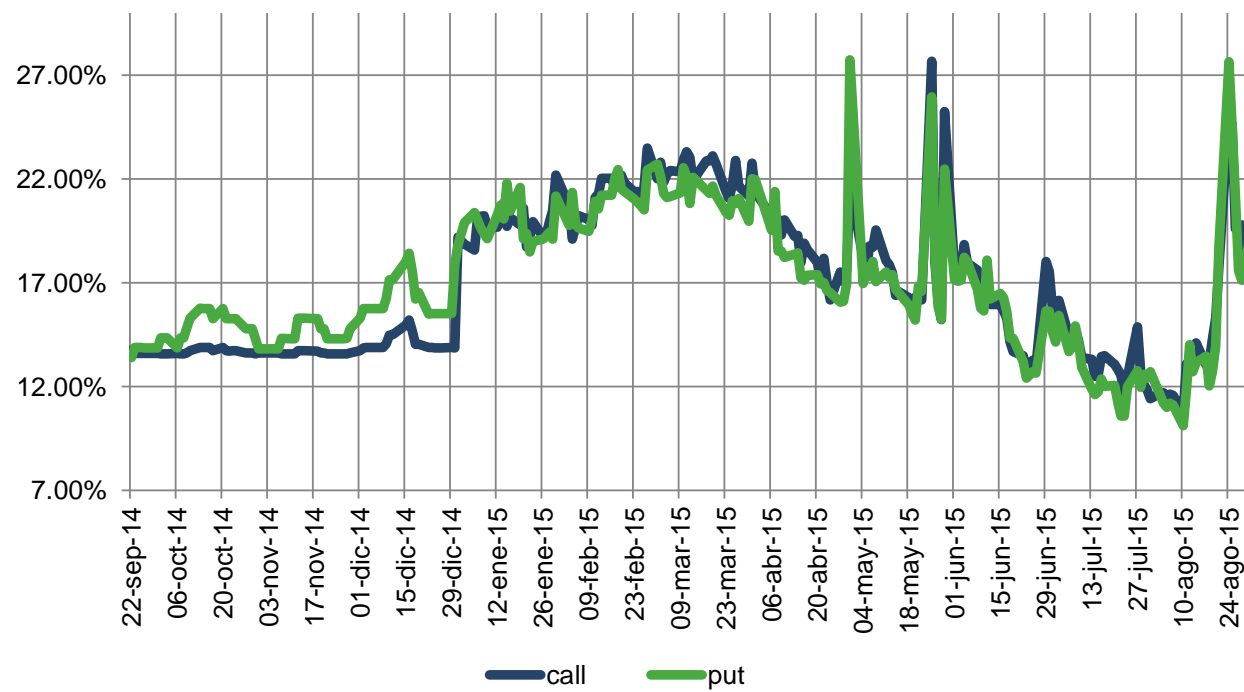
Serie de Marzo 2016 / Maturity March 2016



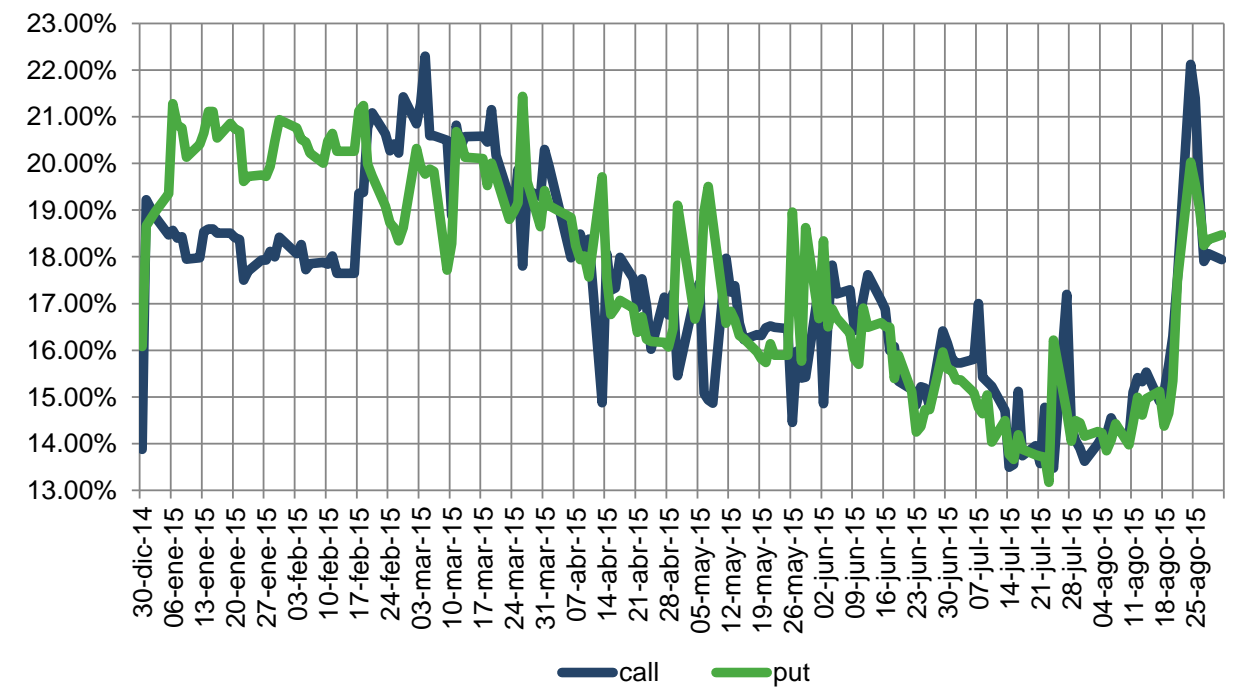
Serie de Junio 2016 / Maturity June 2016



Serie de Septiembre 2015 / Maturity September 2015



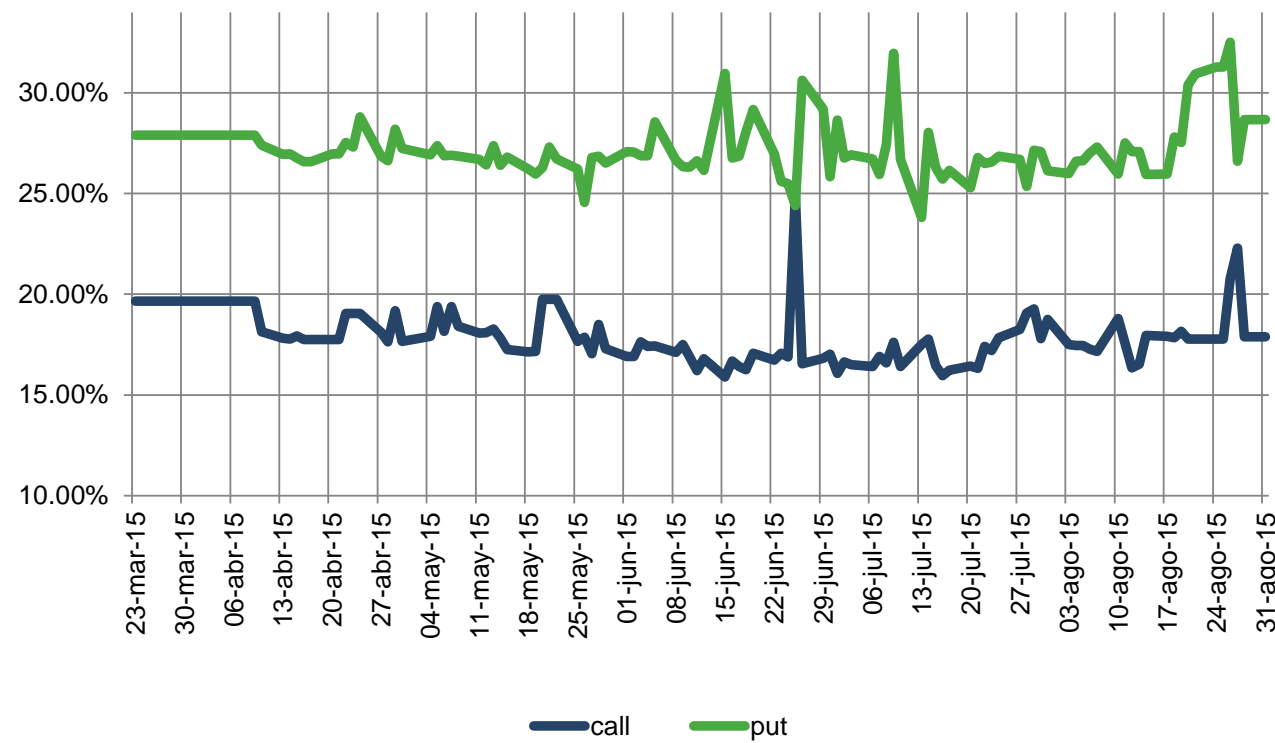
Serie de Diciembre 2015 / Maturity December 2015



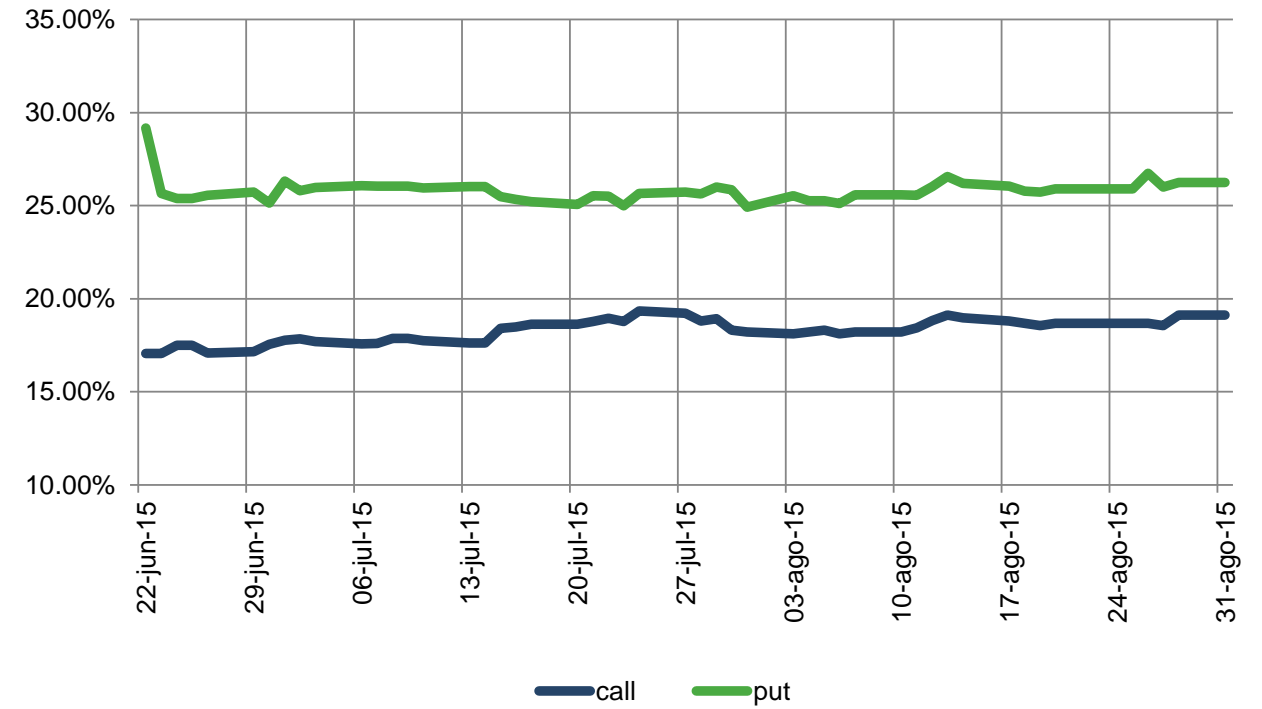
\*Calculada con precios de Liquidación de las Opciones En el Dinero (At The Money) al cierre de Operaciones / Calculated with At The Money Settlement Prices at the end of the Day.

**VOLATILIDAD IMPLÍCITA ATM DIARIA\* / DAILY IMPLIED ATM VOLATILITY\***  
 América Móvil L / Individual Equity Options

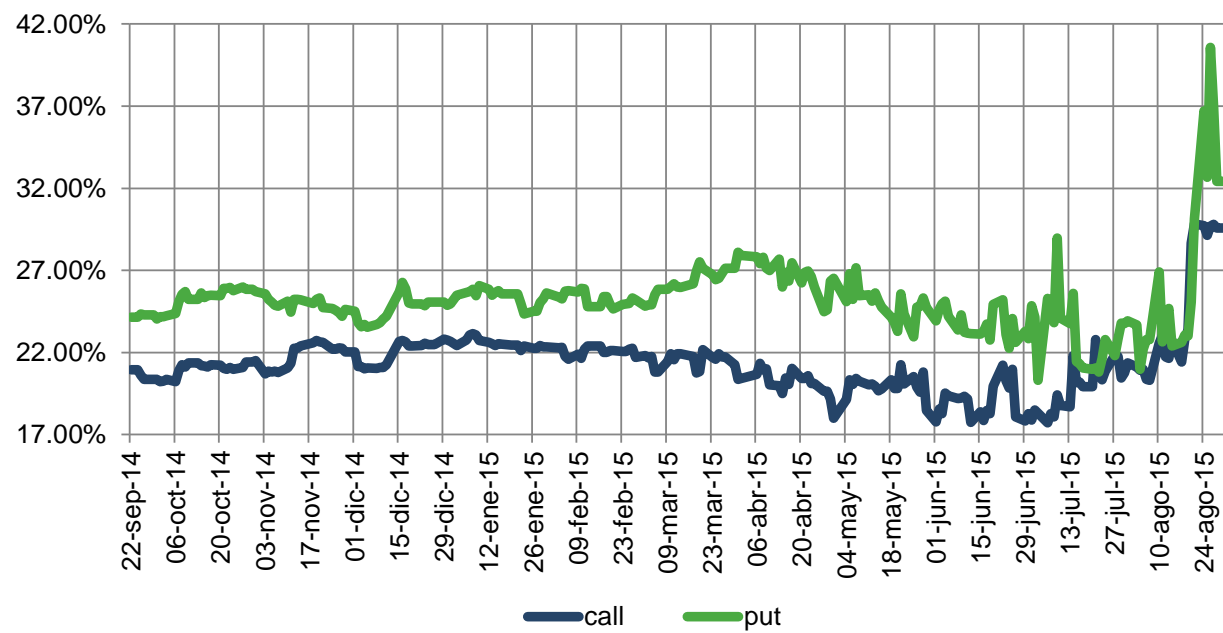
**Serie de Marzo 2016 / Maturity March 2016**



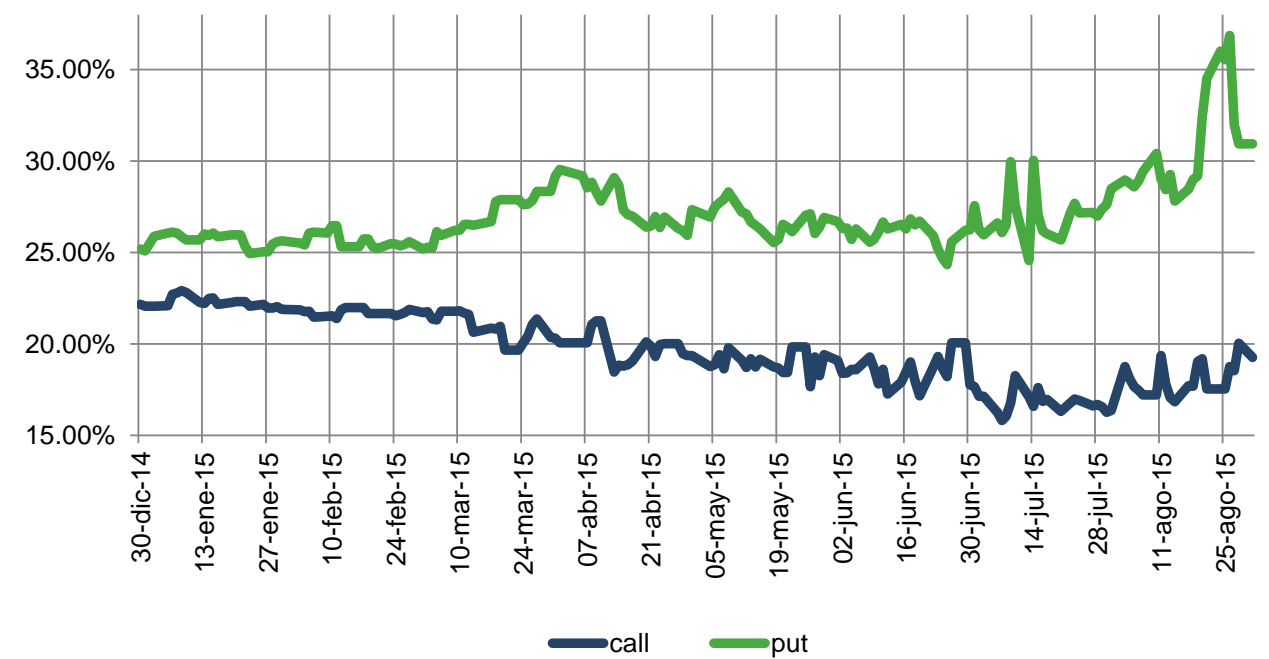
**Serie de Junio 2016 / Maturity June 2016**



**Serie de Septiembre 2015 / Maturity September 2015**



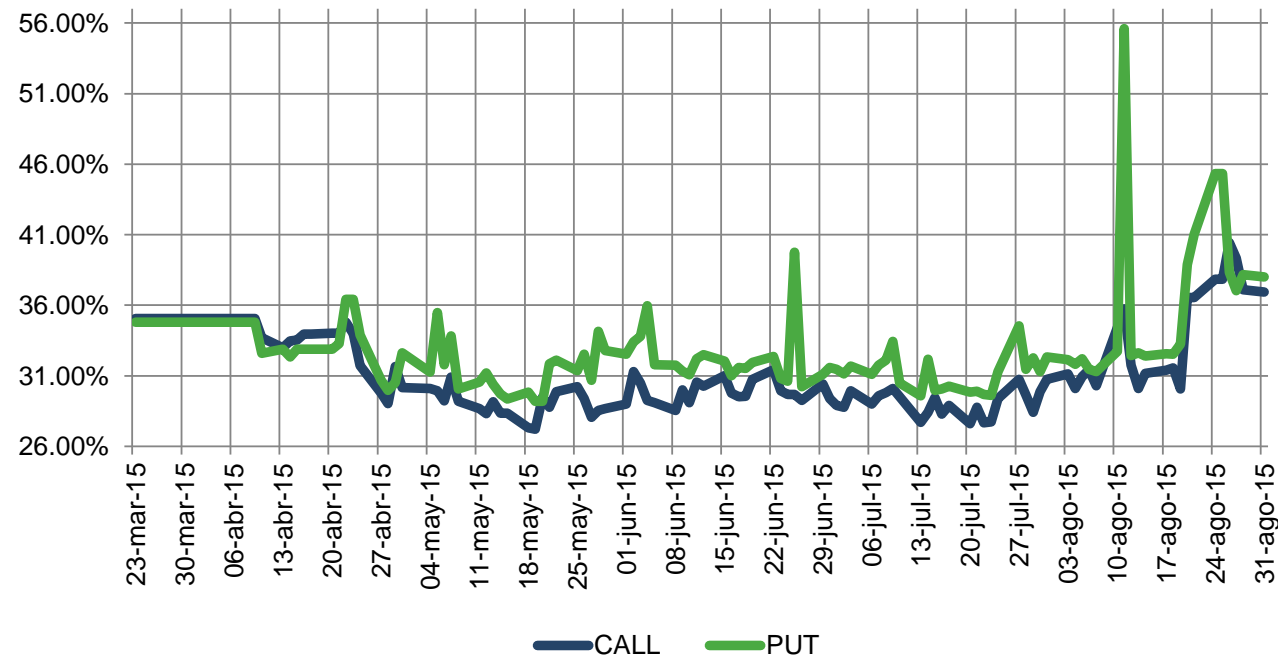
**Serie Diciembre 2015 / Maturity December 2015**



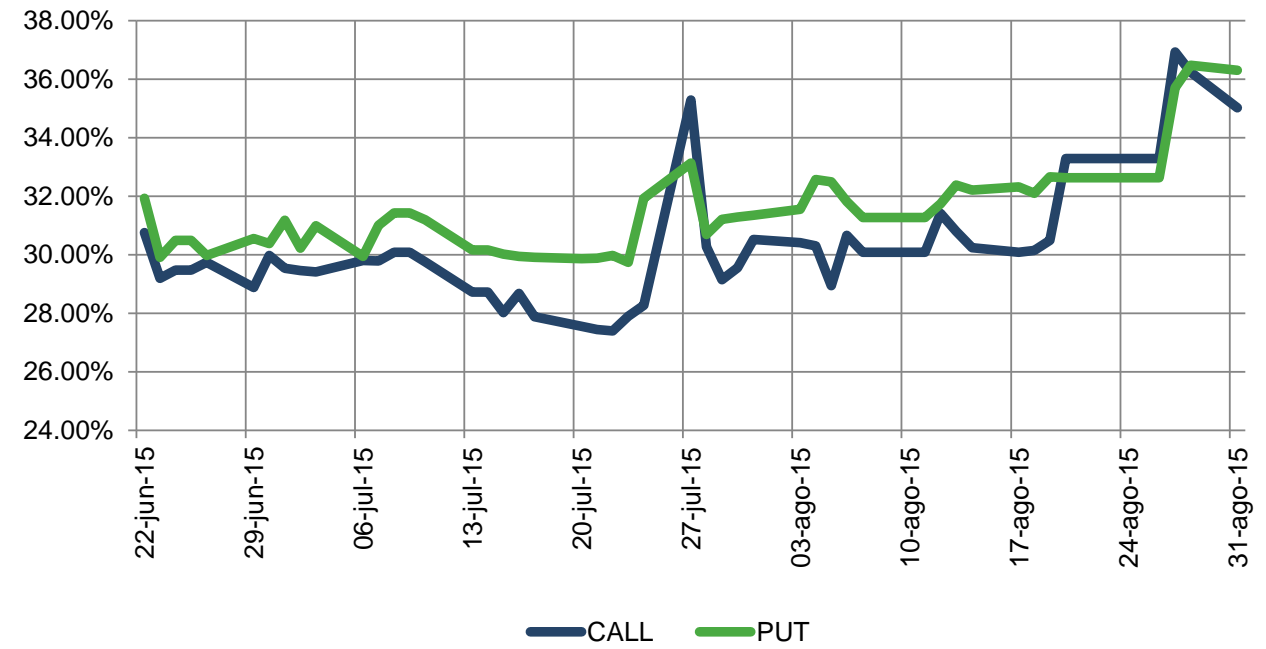
\*Calculada con precios de Liquidación de las Opciones En el Dinero (At The Money) al cierre de Operaciones / Calculated with At The Money Settlement Prices at the end of the Day.

**VOLATILIDAD IMPLÍCITA ATM DIARIA\* / DAILY IMPLIED ATM VOLATILITY\***  
**Cemex CPO / Individual Equity Options**

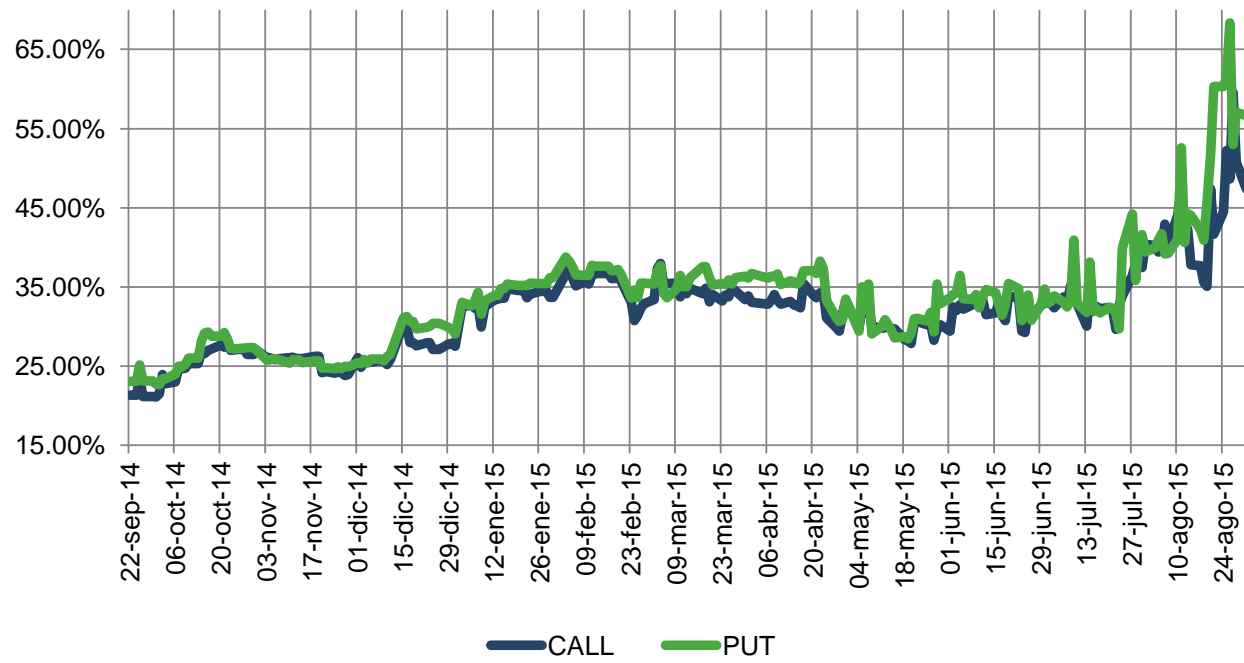
**Serie de Marzo 2016 / Maturity March 2016**



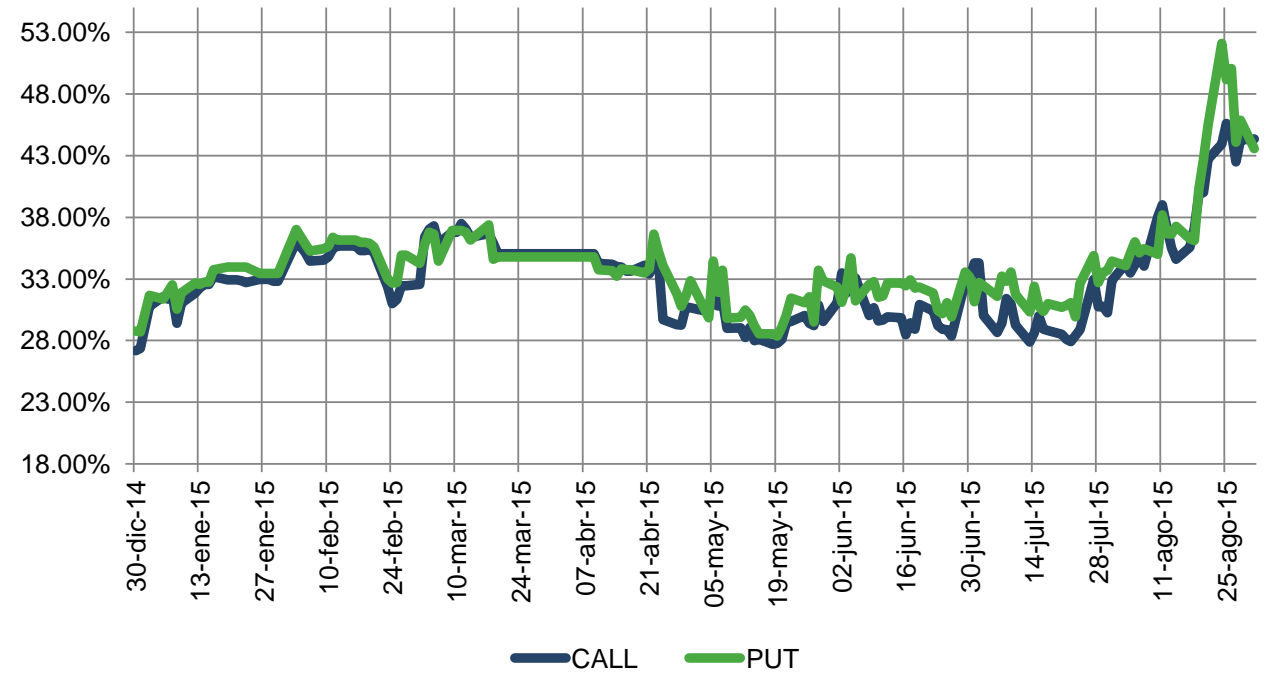
**Serie de Junio 2016 / Maturity June 2016**



**Serie de Septiembre 2015 / Maturity September 2015**



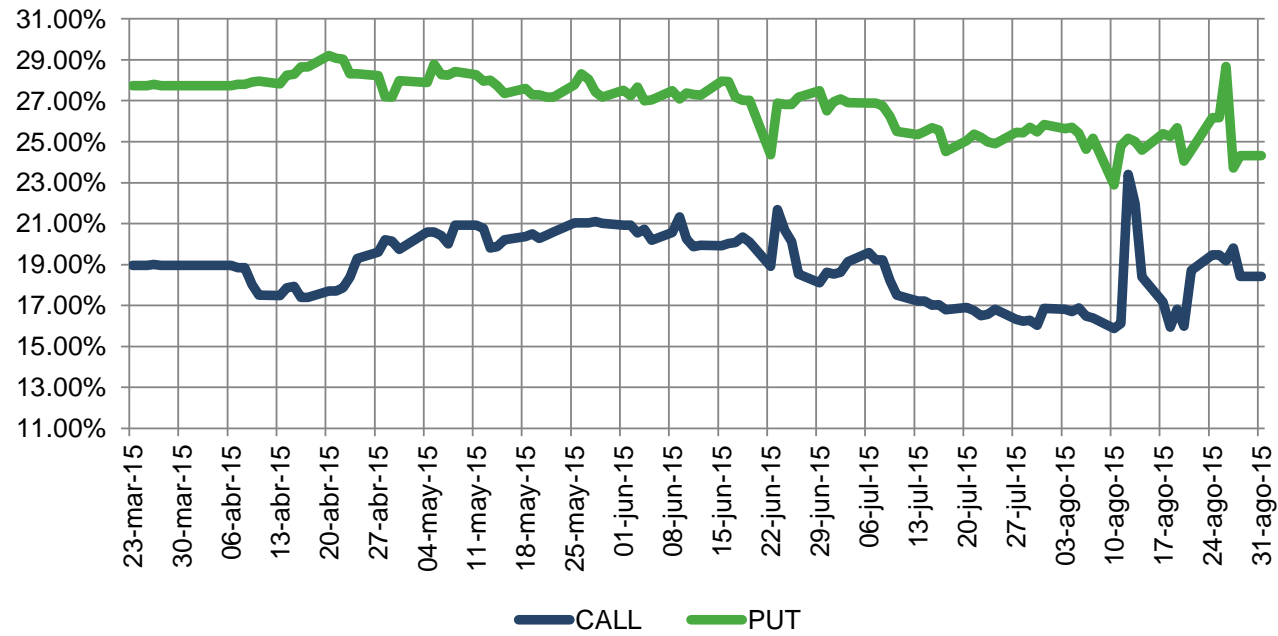
**Serie Diciembre 2015 / Maturity December 2015**



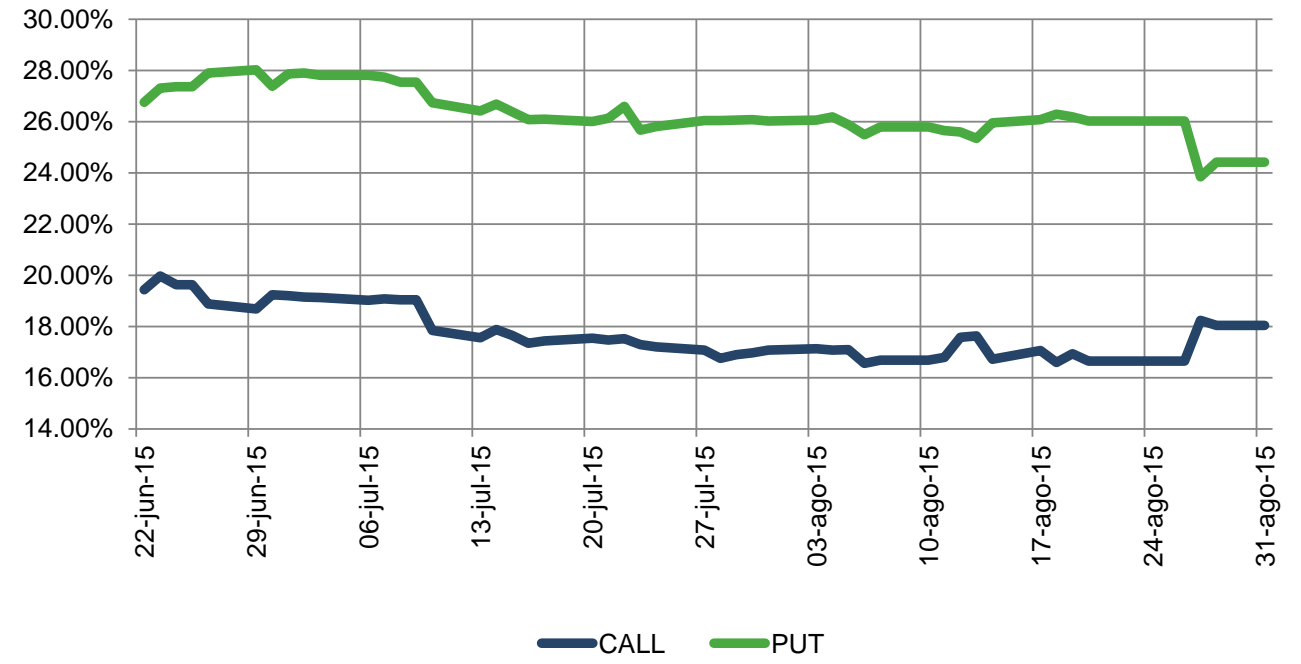
\*Calculada con precios de Liquidación de las Opciones En el Dinero (At The Money) al cierre de Operaciones / Calculated with At The Money Settlement Prices at the end of the Day.

**VOLATILIDAD IMPLÍCITA ATM DIARIA\* / DAILY IMPLIED ATM VOLATILITY\***  
**Walmex V / Individual Equity Options**

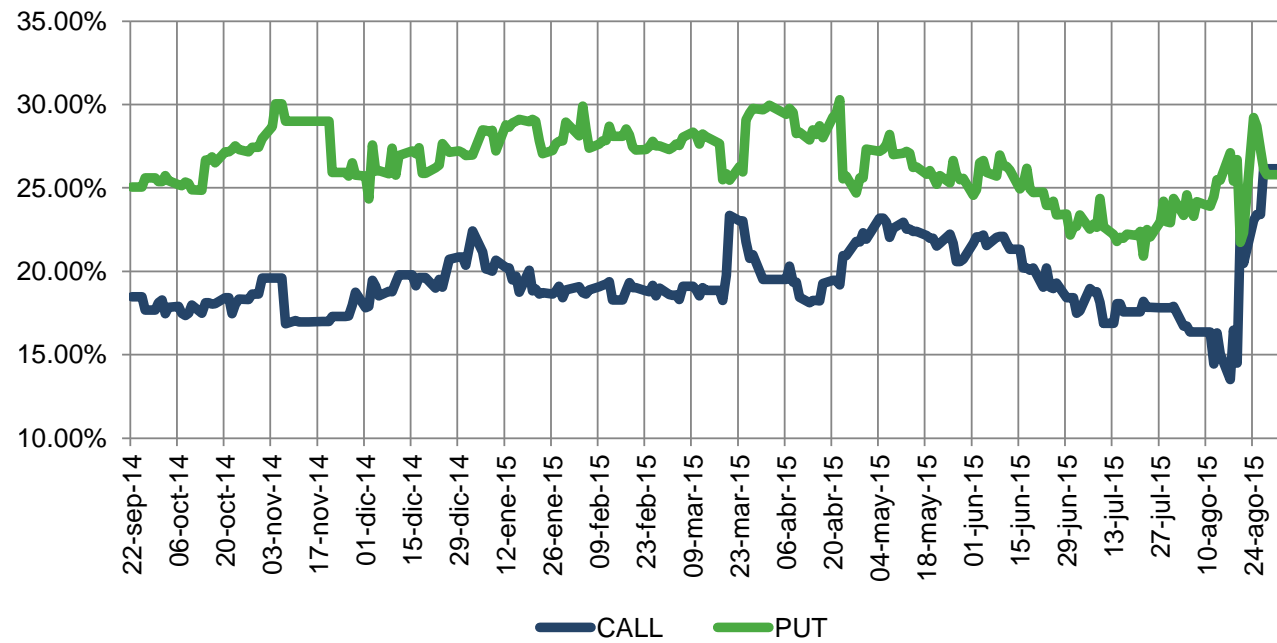
**Serie de Marzo 2016 / Maturity March 2016**



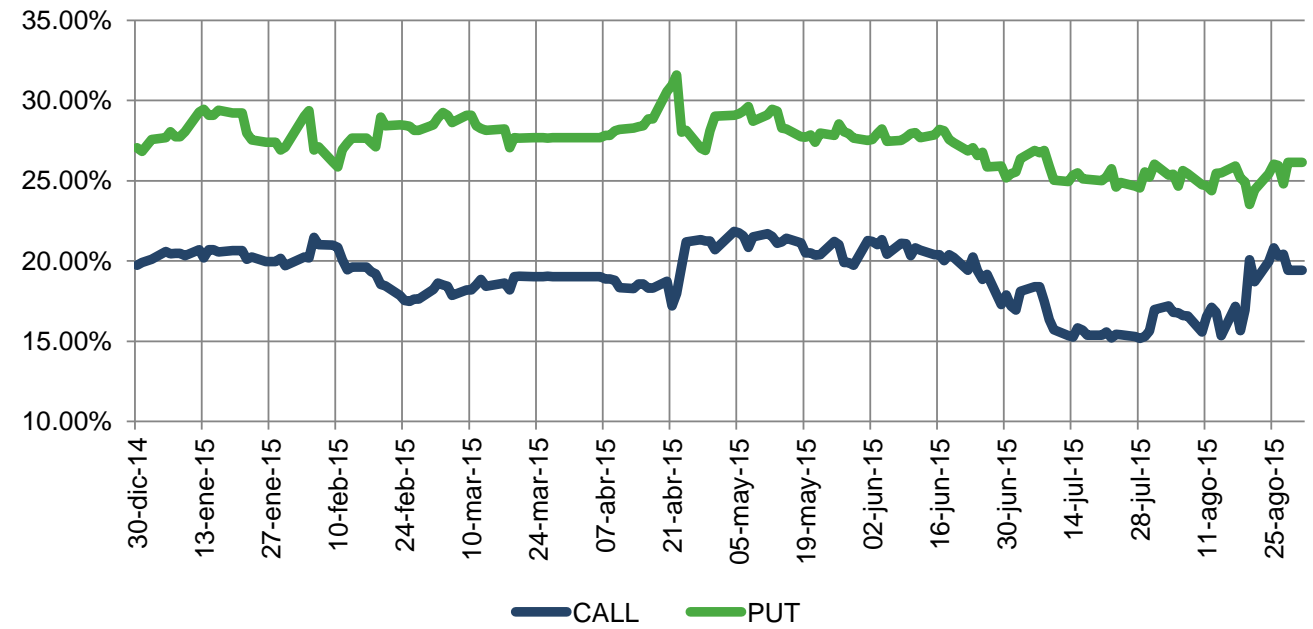
**Serie de Junio 2016 / Maturity June 2016**



**Serie de Septiembre 2015 / Maturity September 2015**



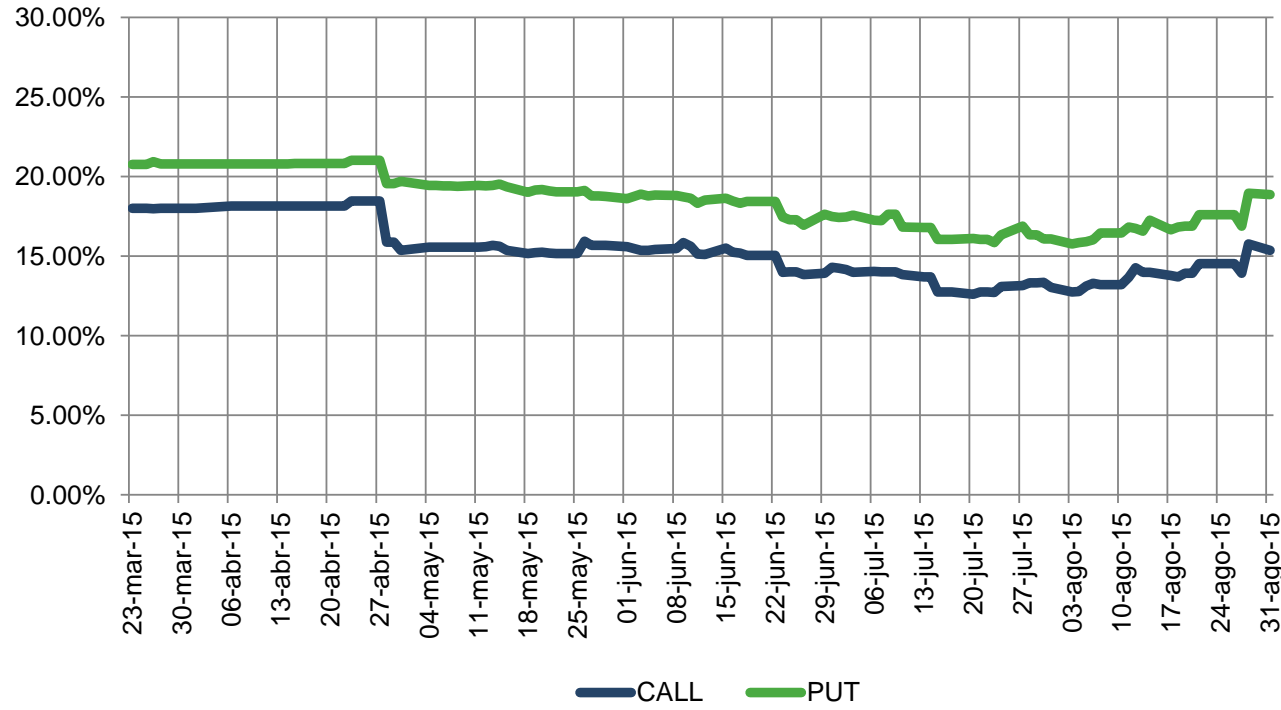
**Serie Diciembre 2015 / Maturity December 2015**



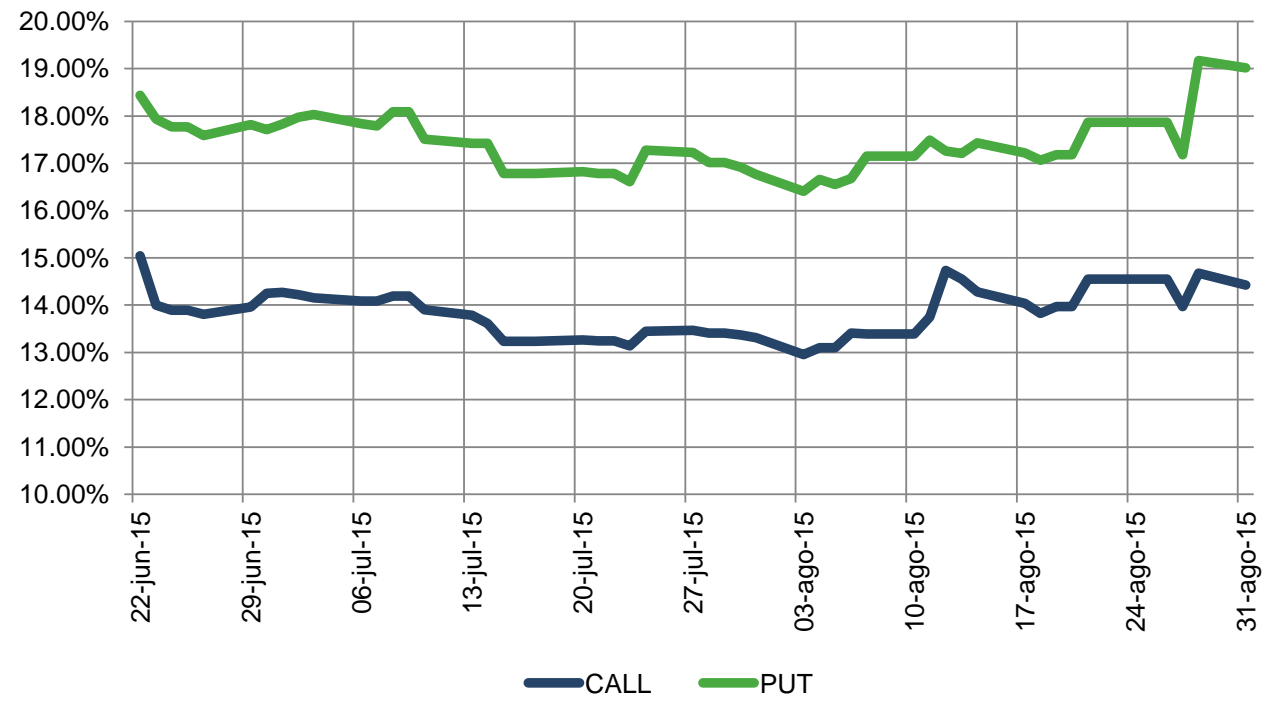
\*Calculada con precios de Liquidación de las Opciones En el Dinero (At The Money) al cierre de Operaciones / Calculated with At The Money Settlement Prices at the end of the Day.

**VOLATILIDAD IMPLÍCITA ATM DIARIA\* / DAILY IMPLIED ATM VOLATILITY\***  
**Nafrac 02 / Index Tracking Stock Option**

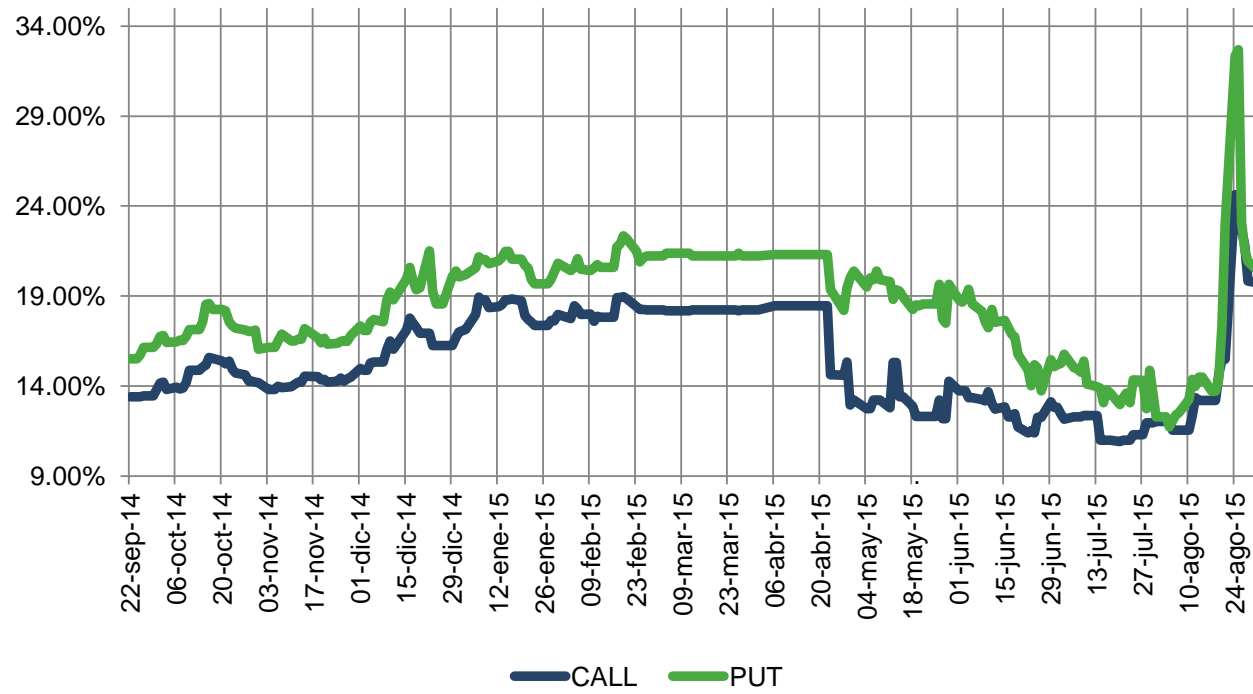
**Serie de Marzo 2016 / Maturity March 2016**



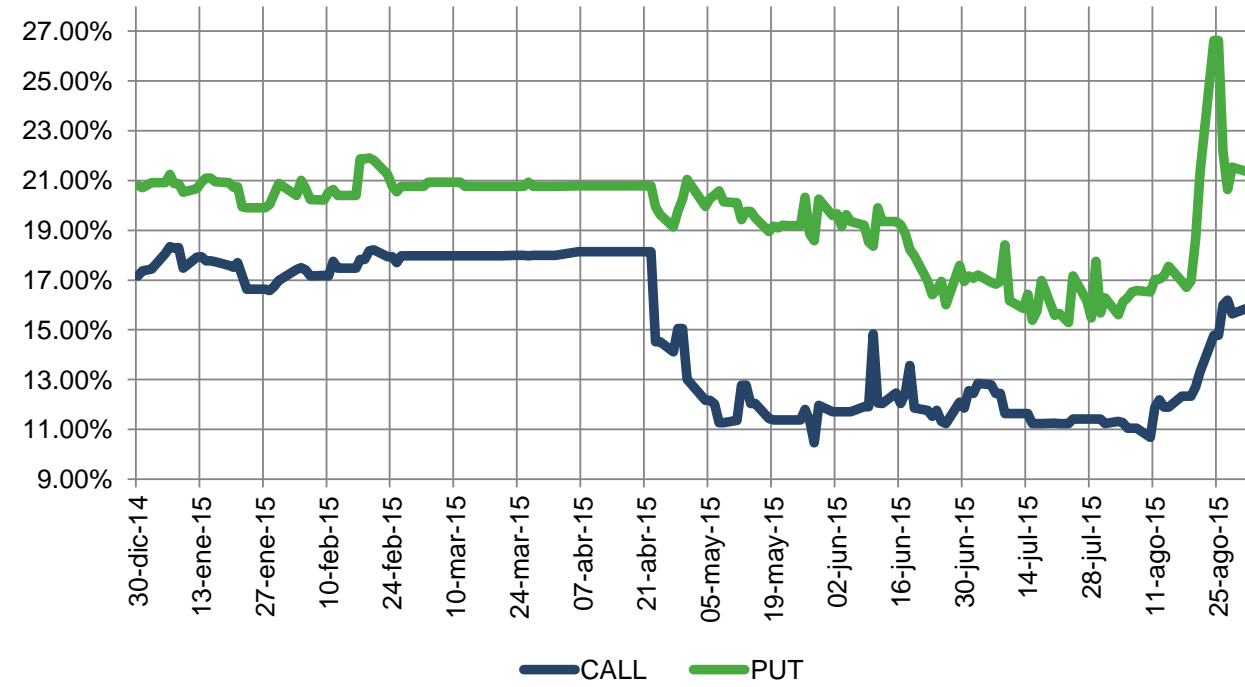
**Serie de Junio 2016/ Maturity June 2016**



**Serie de Septiembre 2015 / Maturity September 2015**



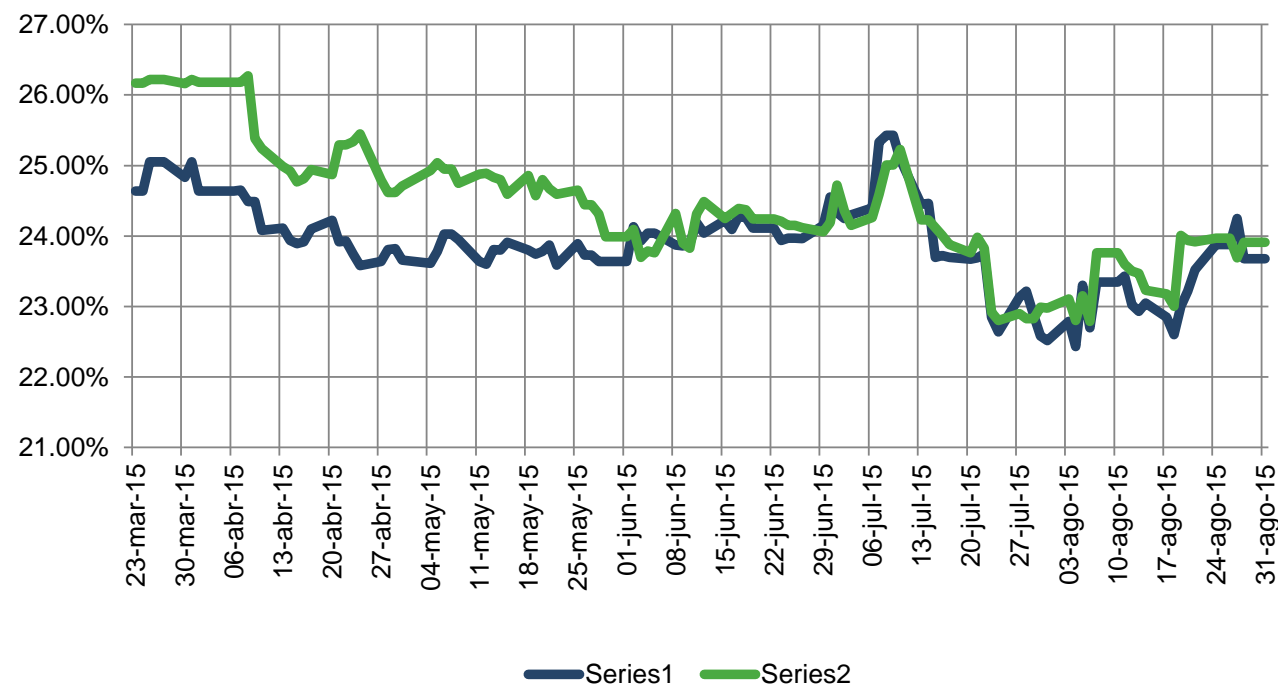
**Serie de Diciembre 2015 / Maturity December 2015**



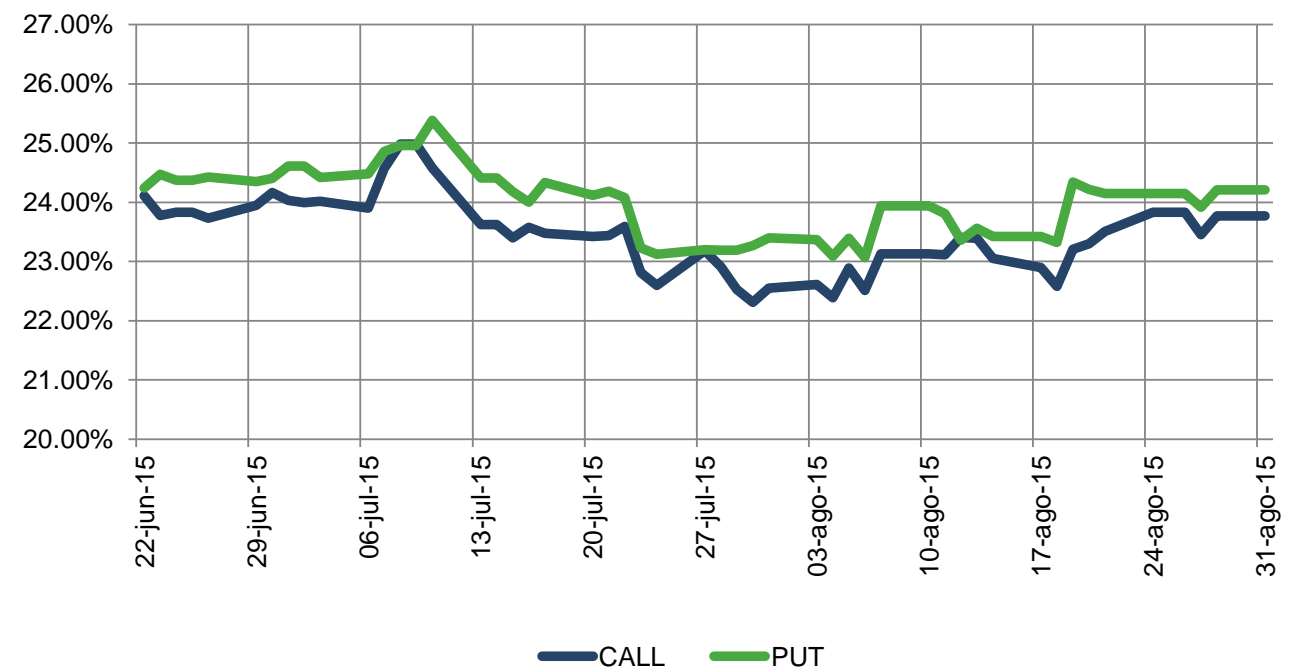
\*Calculada con precios de Liquidación de las Opciones En el Dinero (At The Money) al cierre de Operaciones / Calculated with At The Money Settlement Prices at the end of the Day.

**VOLATILIDAD IMPLÍCITA ATM DIARIA\* / DAILY IMPLIED ATM VOLATILITY\***  
**Tlevisa CPO / Tlevisa CPO Stock Option**

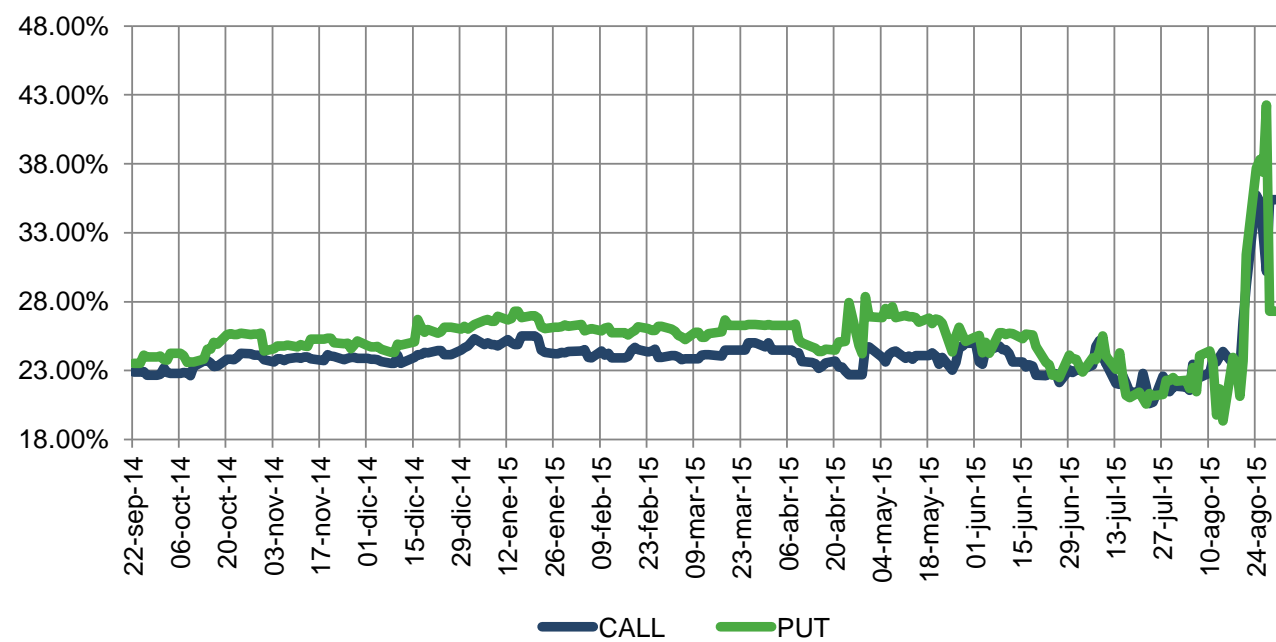
**Serie de Marzo 2016 / Maturity March 2016**



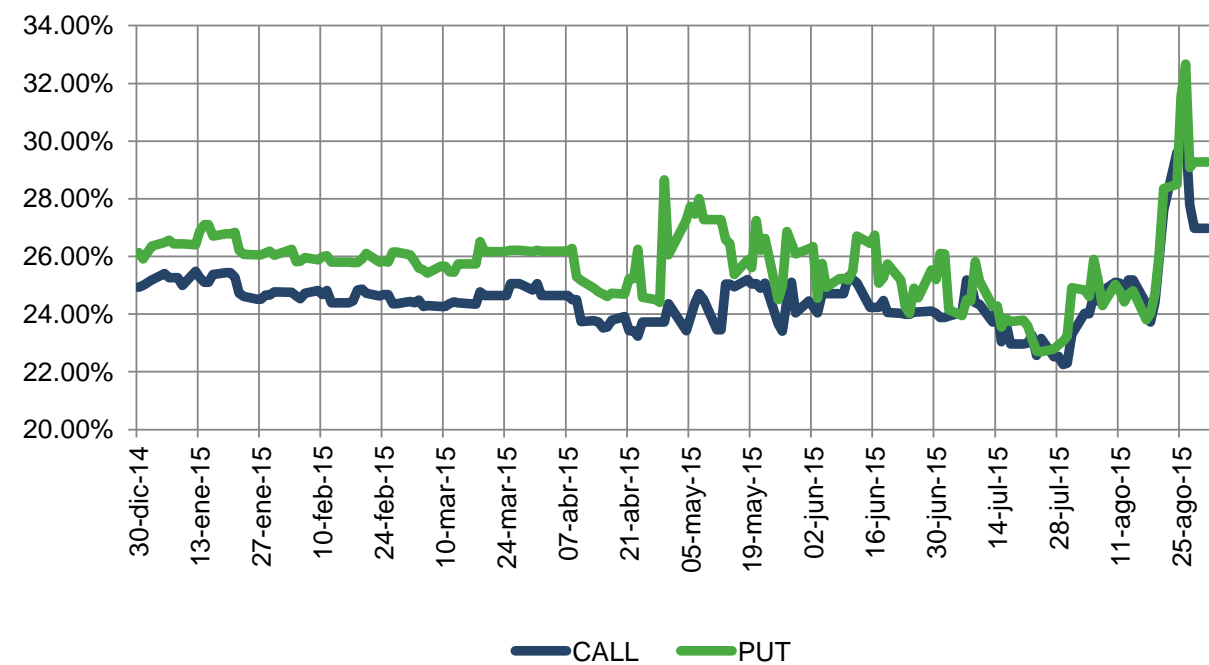
**Serie de Junio 2016 / Maturity June 2016**



**Serie de Septiembre 2015 / Maturity September 2015**



**Serie de Diciembre 2015 / Maturity December 2015**

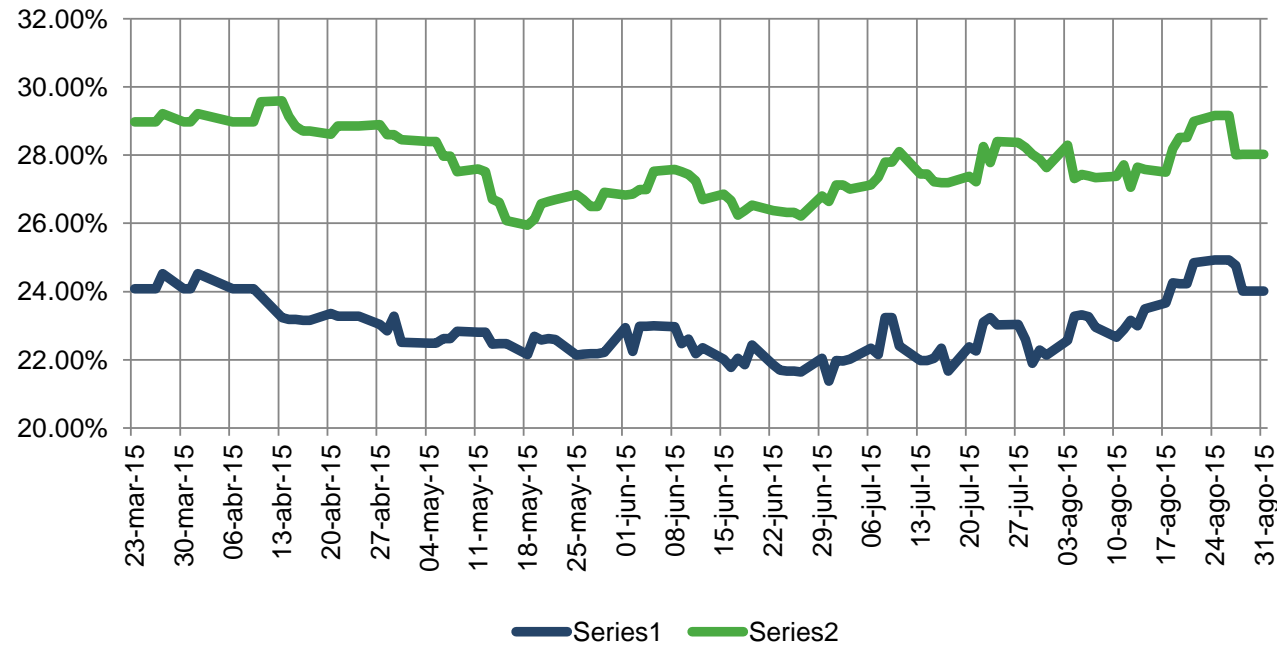


\*Calculada con precios de Liquidación de las Opciones En el Dinero (At The Money) al cierre de Operaciones / Calculated with At The Money Settlement Prices at the end of the Day.

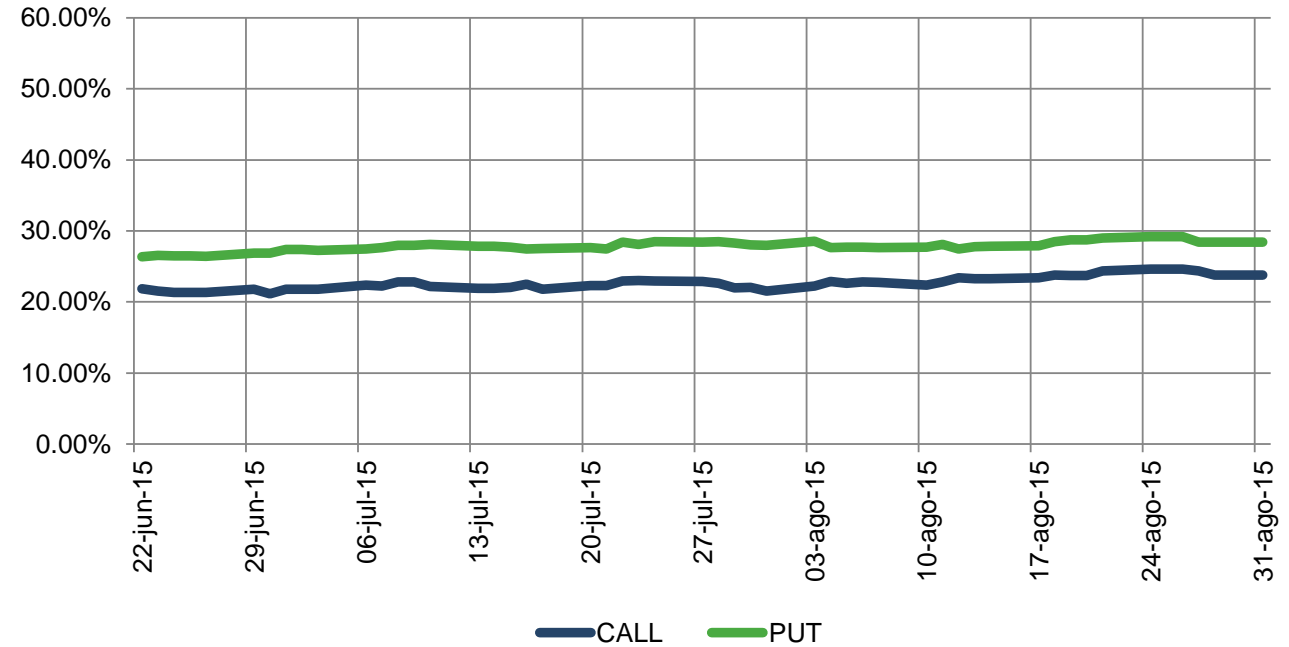


**VOLATILIDAD IMPLÍCITA ATM DIARIA\* / DAILY IMPLIED ATM VOLATILITY\***  
**Gmexico B / Gmexico B Stock Option**

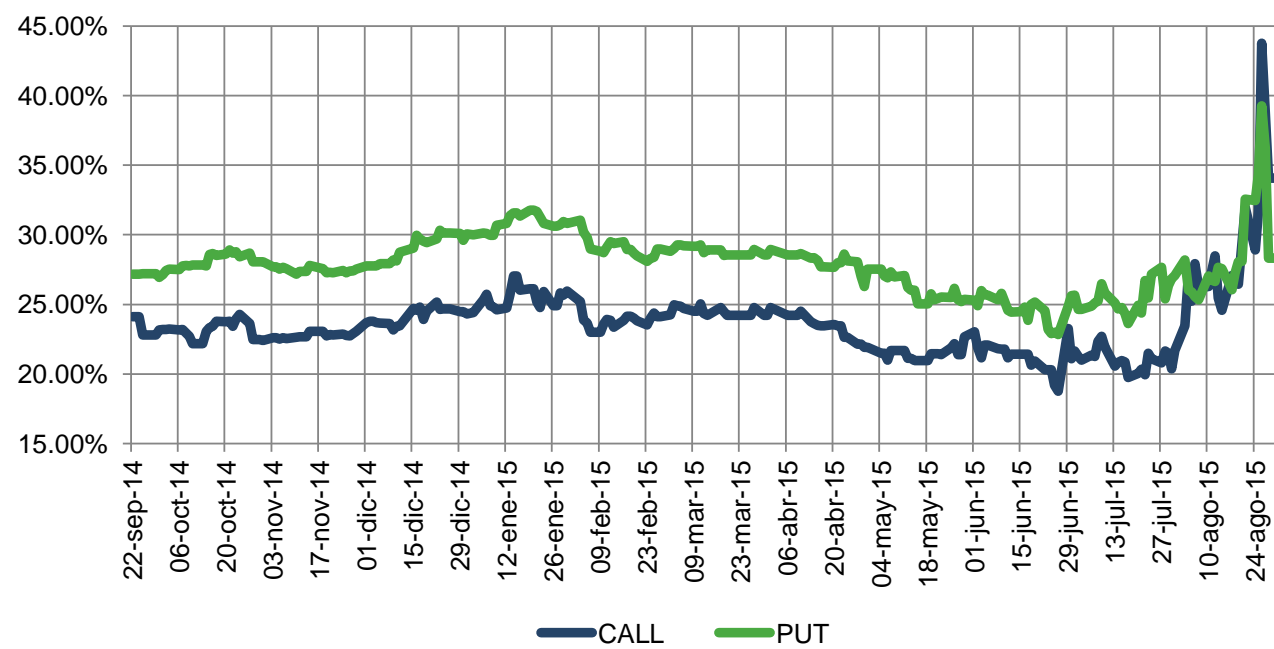
**Serie de Marzo 2016 / Maturity March 2016**



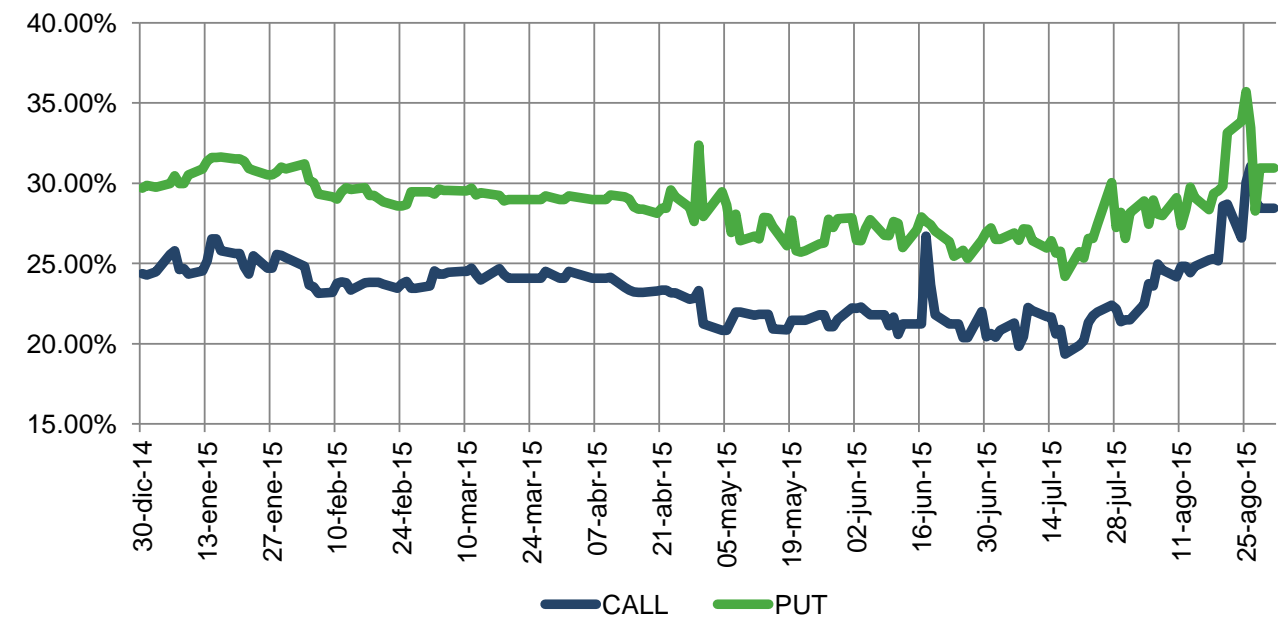
**Serie de Junio 2016 / Maturity June 2016**



**Serie de Septiembre 2015 / Maturity September 2015**



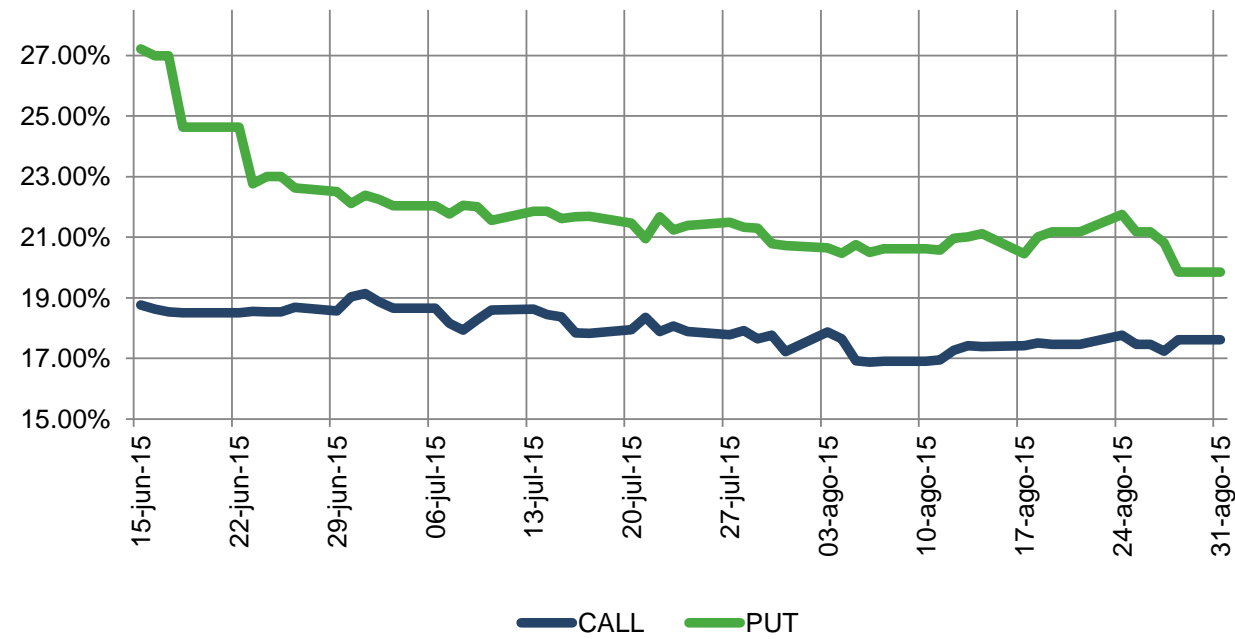
**Serie de Diciembre 2015 / Maturity December 2015**



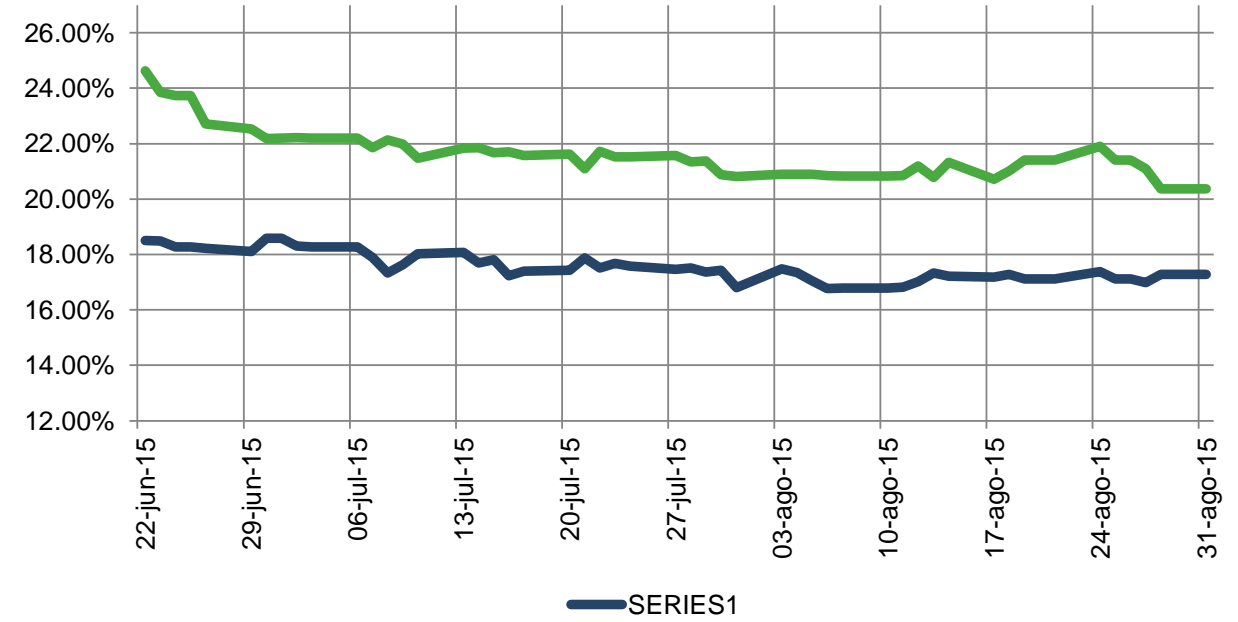
\*Calculada con precios de Liquidación de las Opciones En el Dinero (At The Money) al cierre de Operaciones / Calculated with At The Money Settlement Prices at the end of the Day.

**VOLATILIDAD IMPLÍCITA ATM DIARIA\* / DAILY IMPLIED ATM VOLATILITY\***  
**LALA B / LALA B Stock Option**

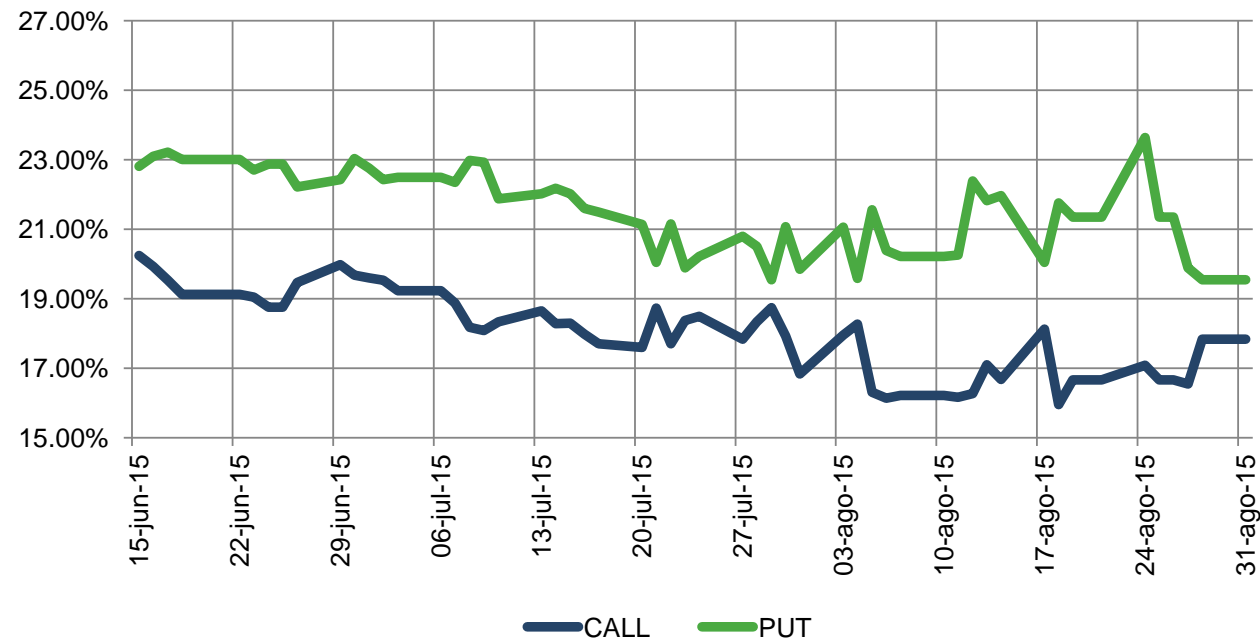
**Serie de Marzo 2016 / Maturity March 2016**



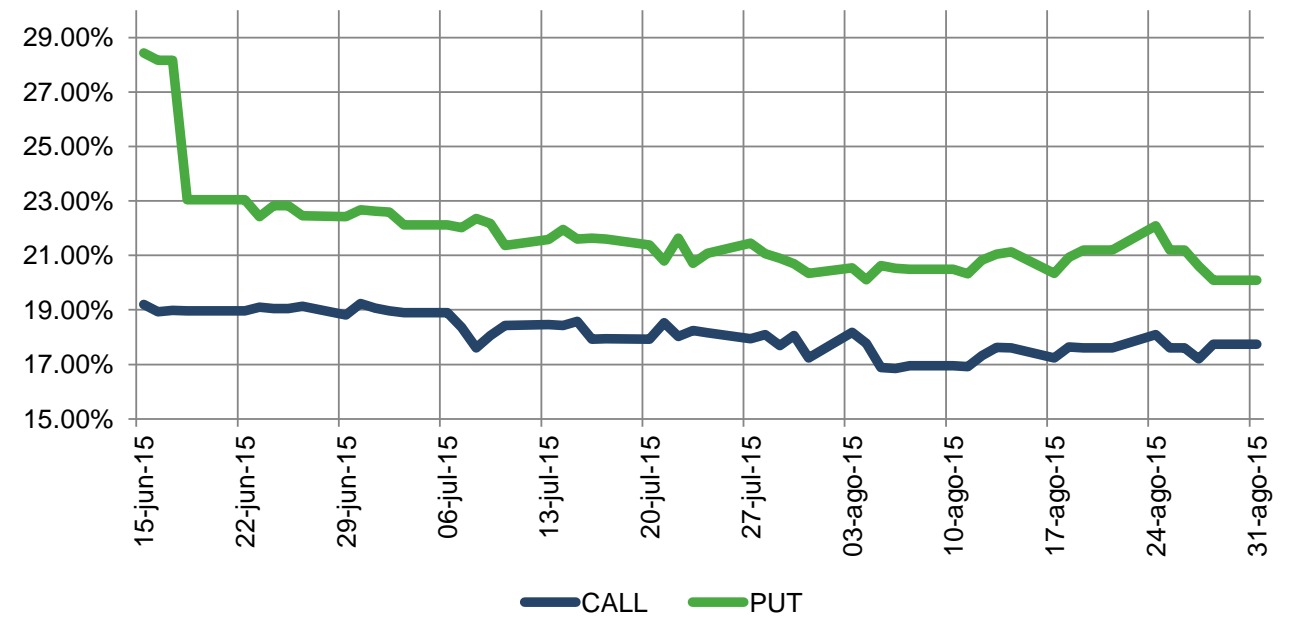
**Serie de Junio 2016 / Maturity June 2016**



**Serie de Septiembre 2015 / Maturity September 2015**



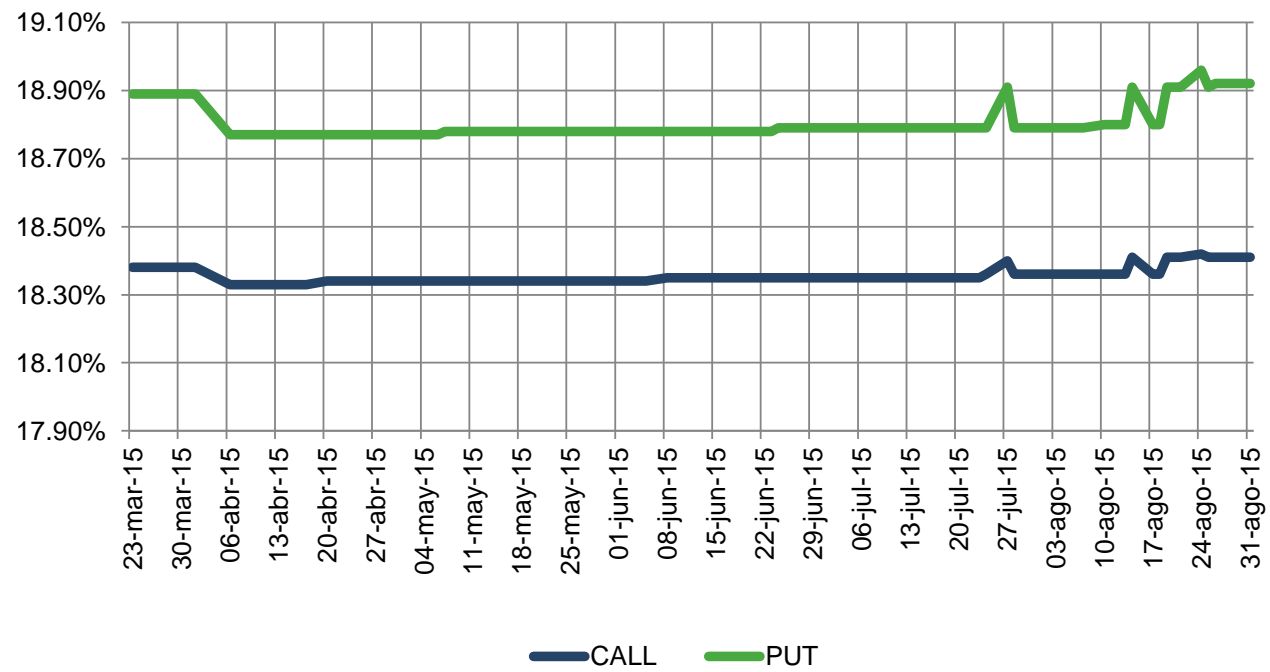
**Serie de Diciembre 2015 / Maturity December 2015**



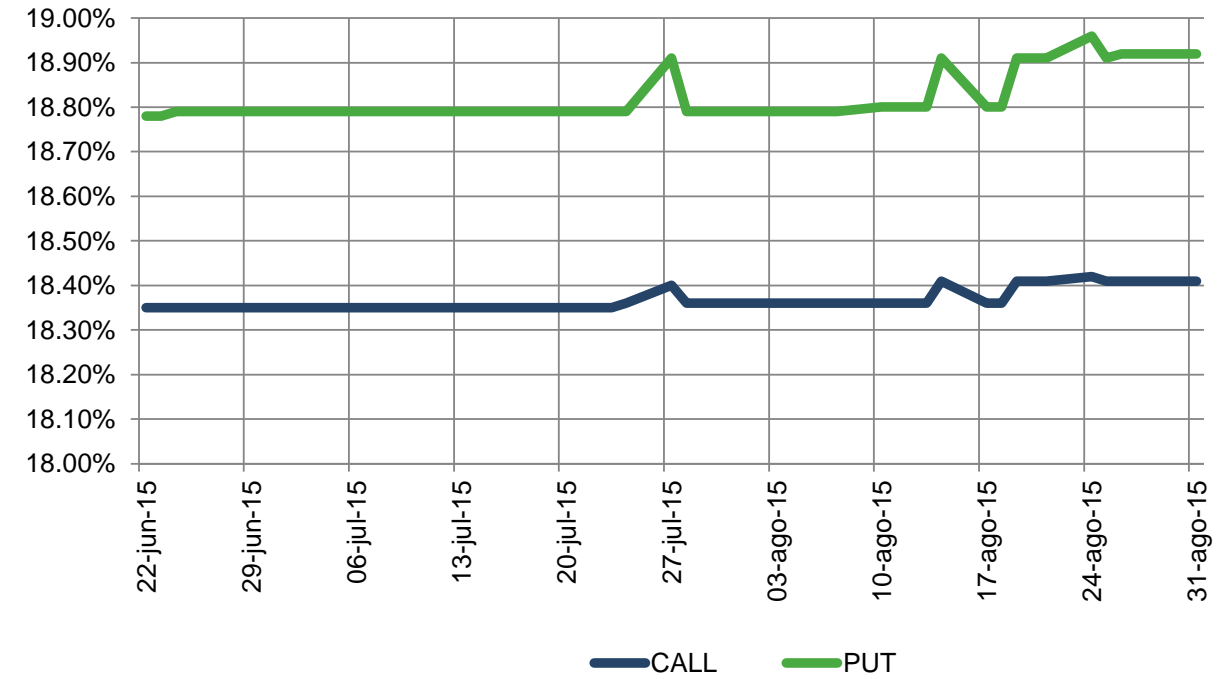
\*Calculada con precios de Liquidación de las Opciones En el Dinero (At The Money) al cierre de Operaciones / Calculated with At The Money Settlement Prices at the end of the Day.

**VOLATILIDAD IMPLÍCITA ATM DIARIA\* / DAILY IMPLIED ATM VOLATILITY\***  
 Mextrac / Index Tracking Stock Option

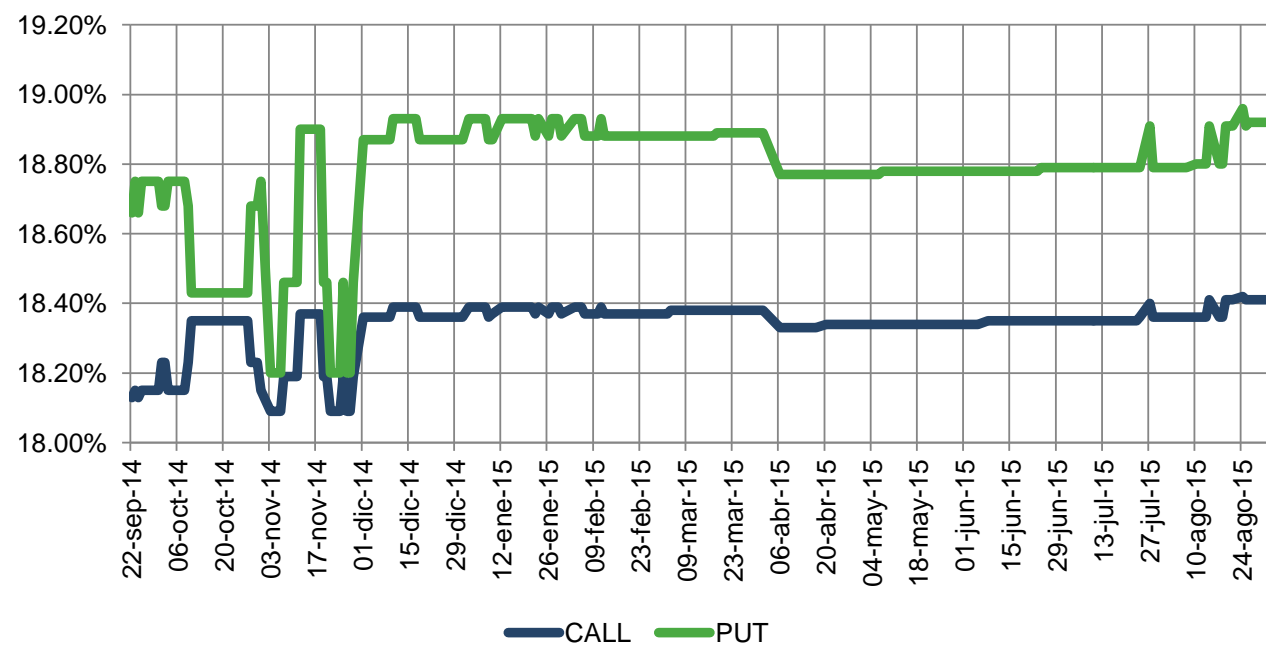
**Serie de Marzo 2016 / Maturity March 2016**



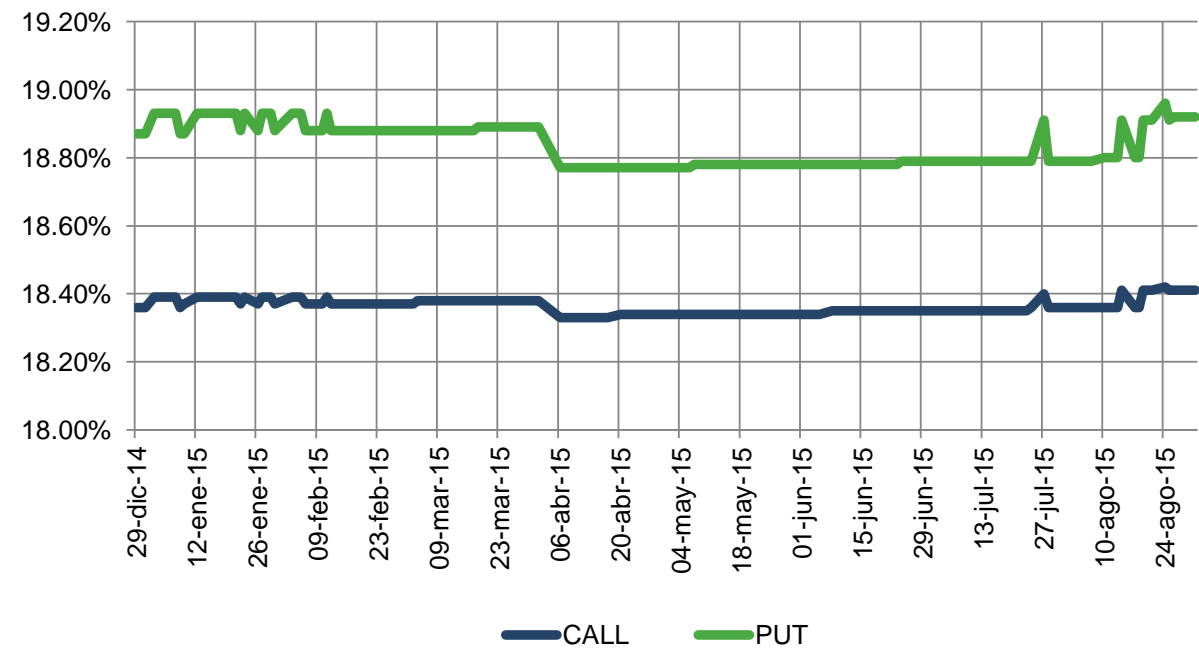
**Serie de Junio 2016 / Maturity June 2016**



**Serie de Septiembre 2015 / Maturity September 2015**



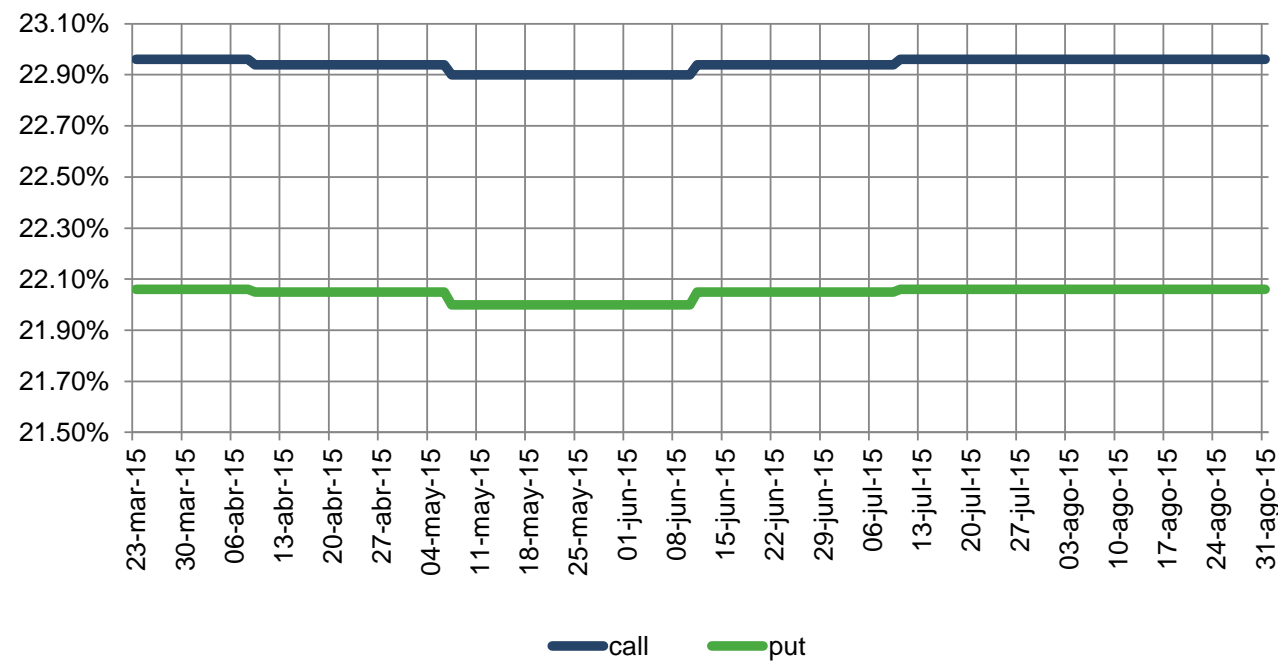
**Serie de Diciembre 2015 / Maturity December 2015**



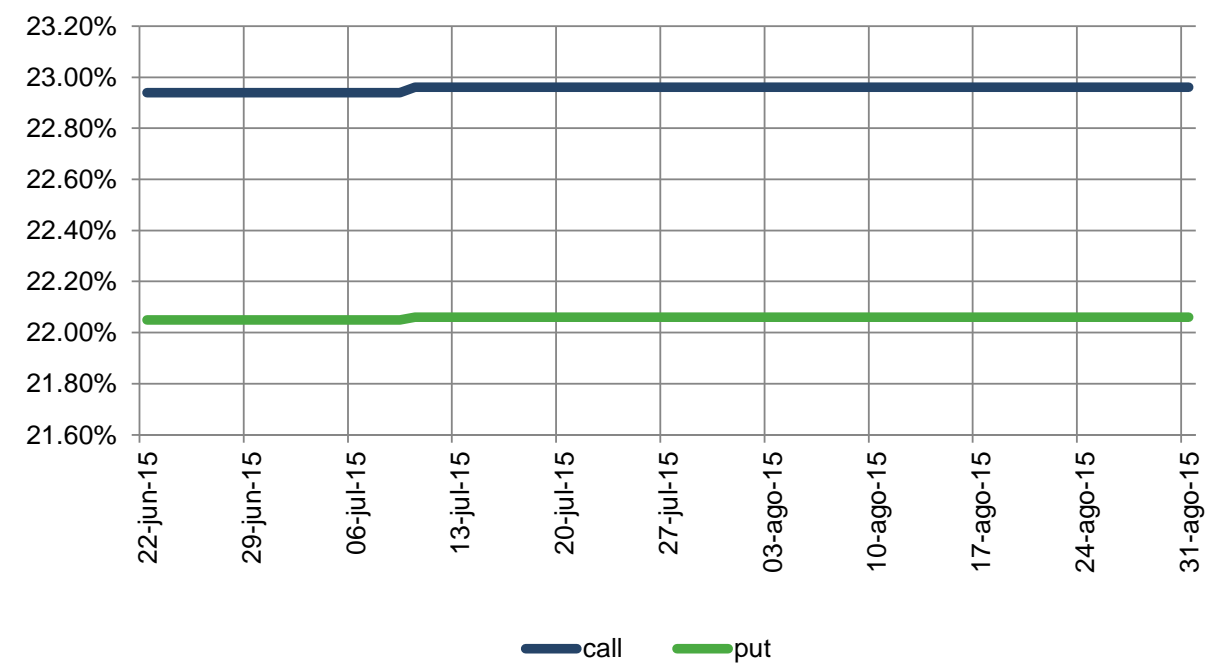
\*Calculada con precios de Liquidación de las Opciones En el Dinero (At The Money) al cierre de Operaciones / Calculated with At The Money Settlement Prices at the end of the Day.

**VOLATILIDAD IMPLÍCITA ATM DIARIA\* / DAILY IMPLIED ATM VOLATILITY\***  
 Brtrac / Index Tracking Stock Option

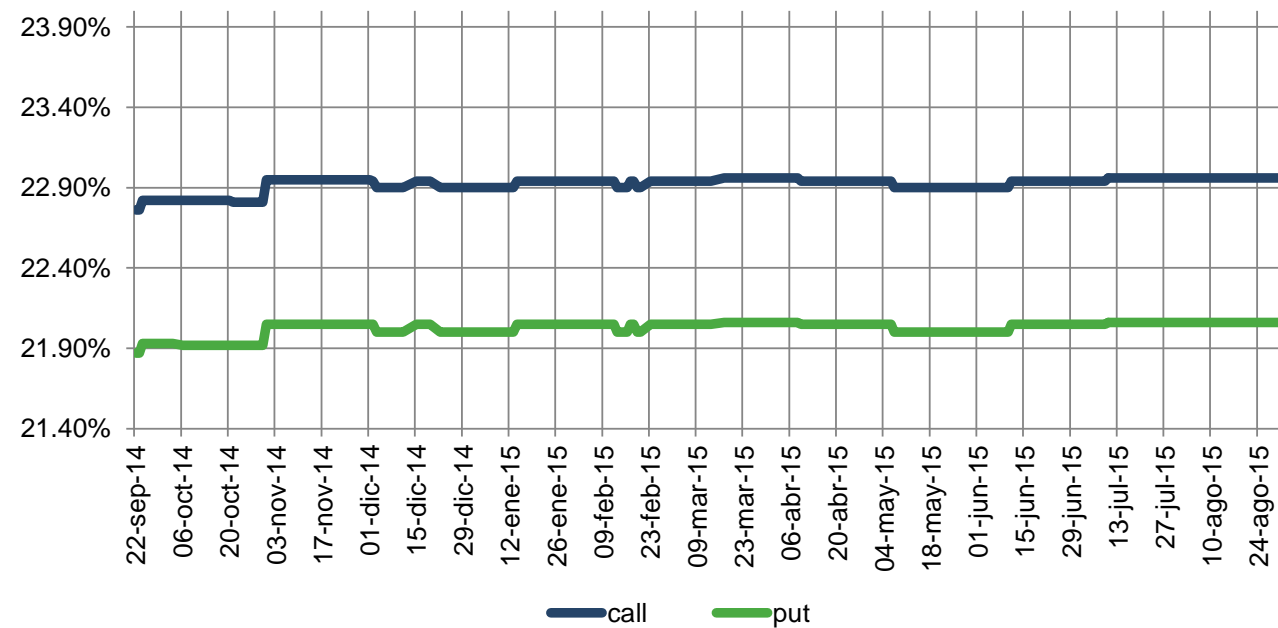
**Serie de Marzo 2016 / Maturity March 2016**



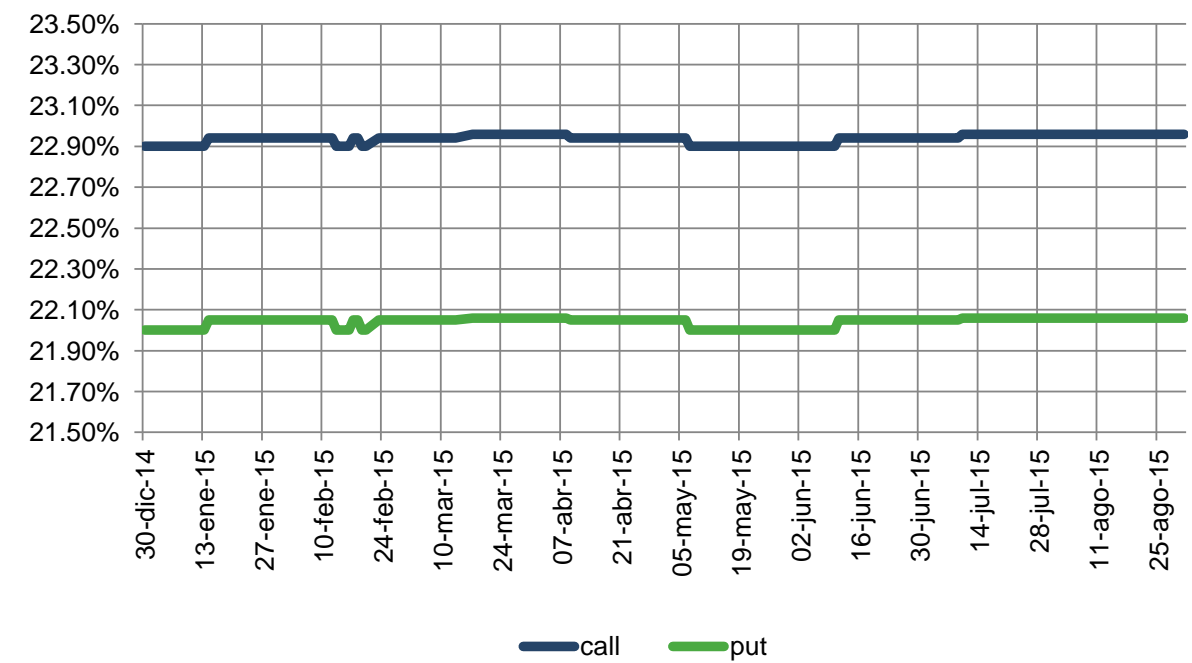
**Serie de Junio 2016 / Maturity June 2016**



**Serie de Septiembre 2015 / Maturity September 2015**



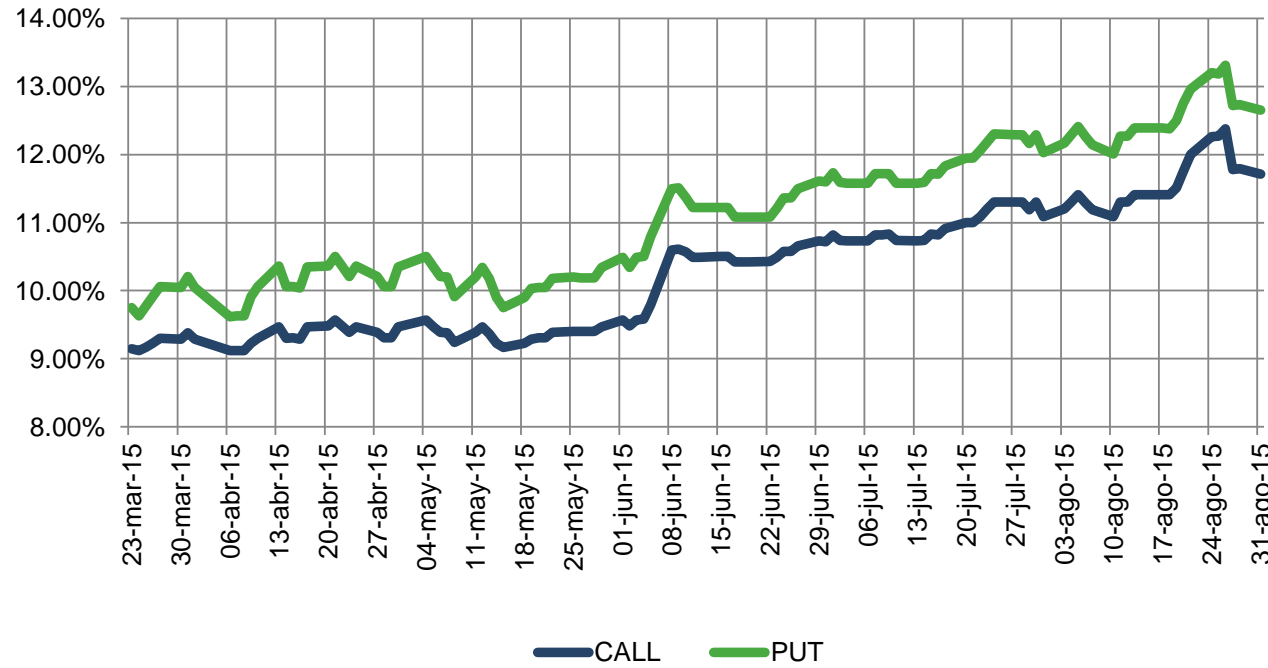
**Serie de Diciembre 2015/ Maturity December 2015**



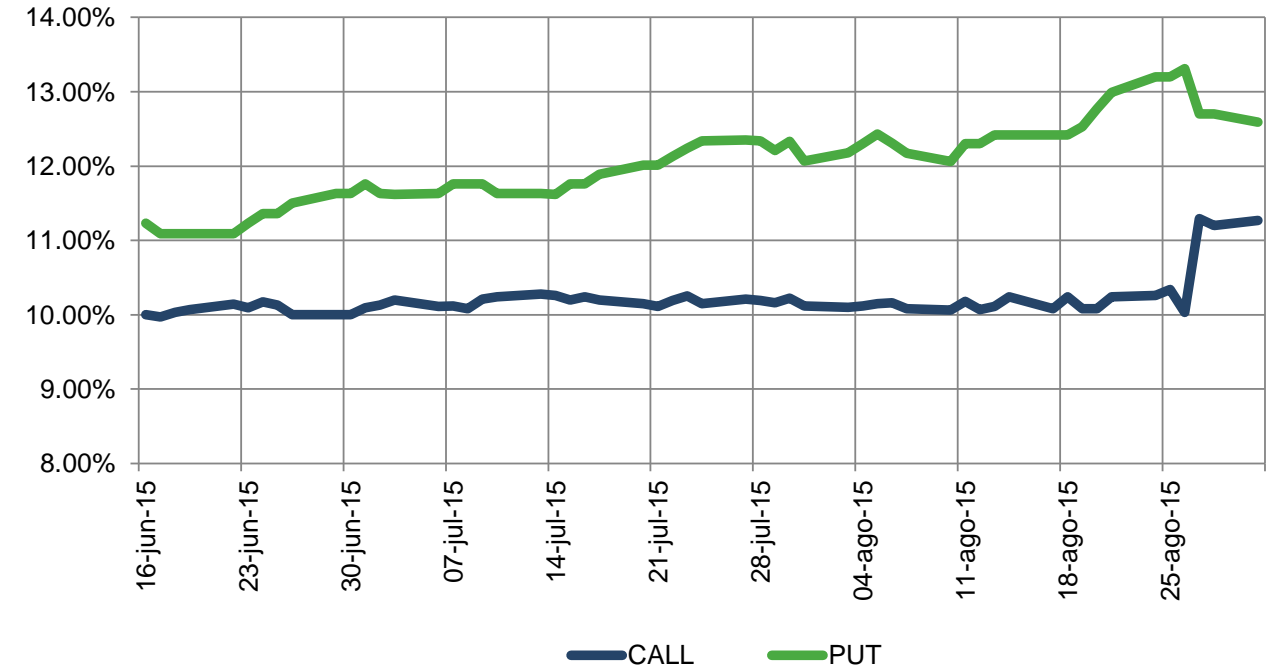
\*Calculada con precios de Liquidación de las Opciones En el Dinero (At The Money) al cierre de Operaciones / Calculated with At The Money Settlement Prices at the end of the Day.

**VOLATILIDAD IMPLÍCITA ATM DIARIA\* / DAILY IMPLIED ATM VOLATILITY\***  
Dólar/ U.S. Dollar Option

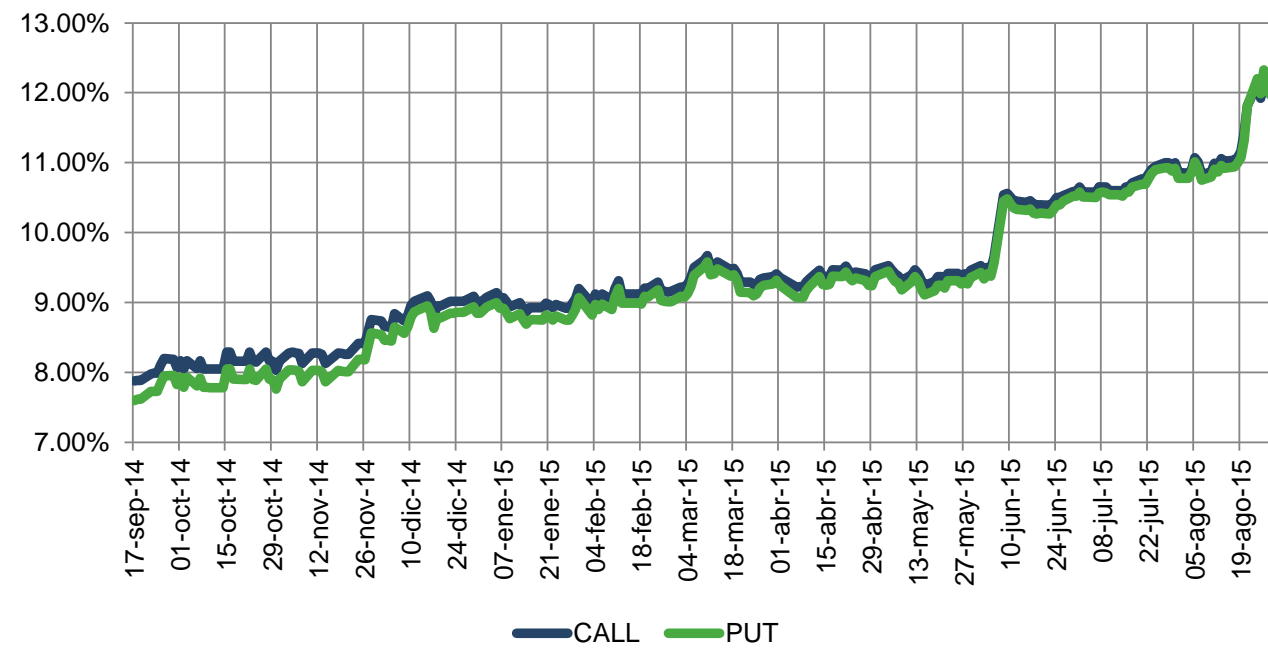
**Serie de Marzo 2016 / Maturity March 2016**



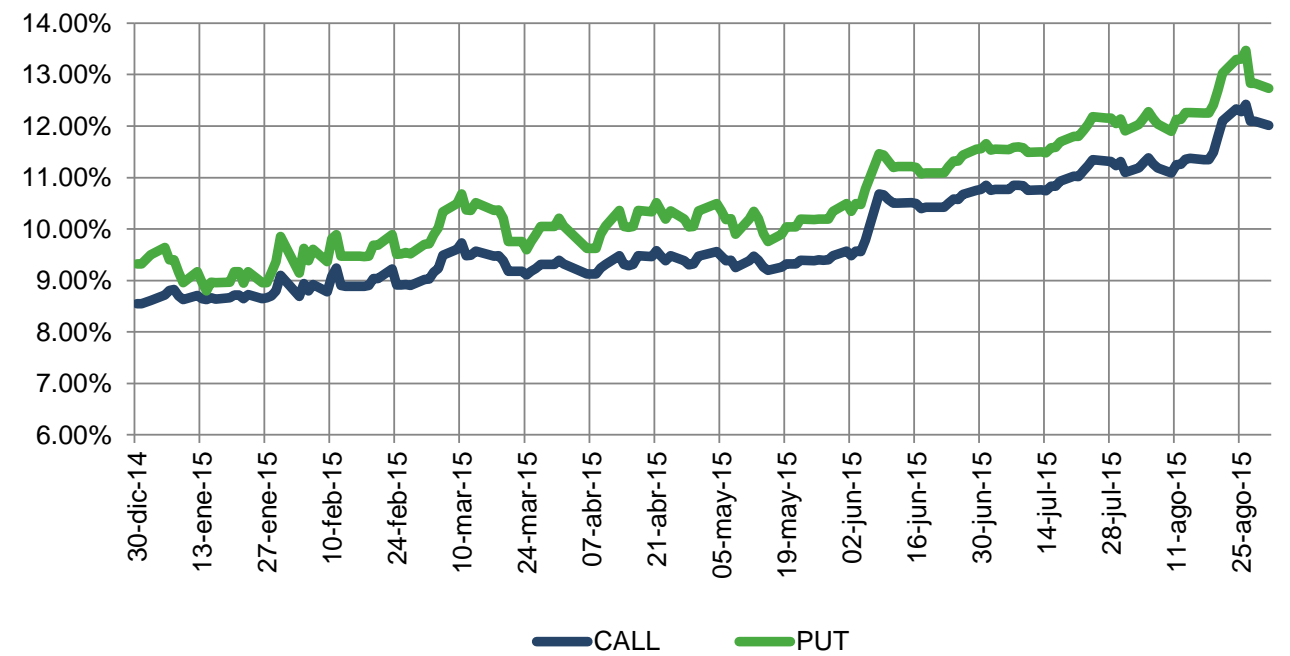
**Serie de Junio 2015 / Maturity June 2015**



**Serie de Septiembre 2015 / Maturity September 2015**



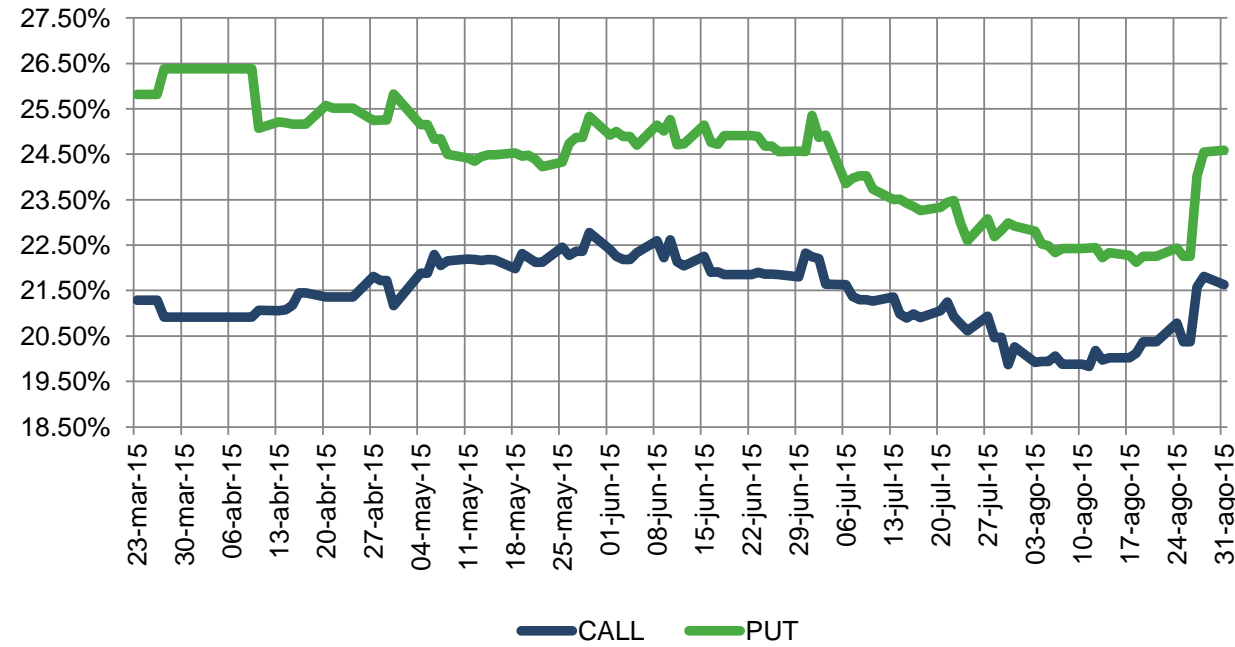
**Serie de Diciembre 2015 / Maturity December 2015**



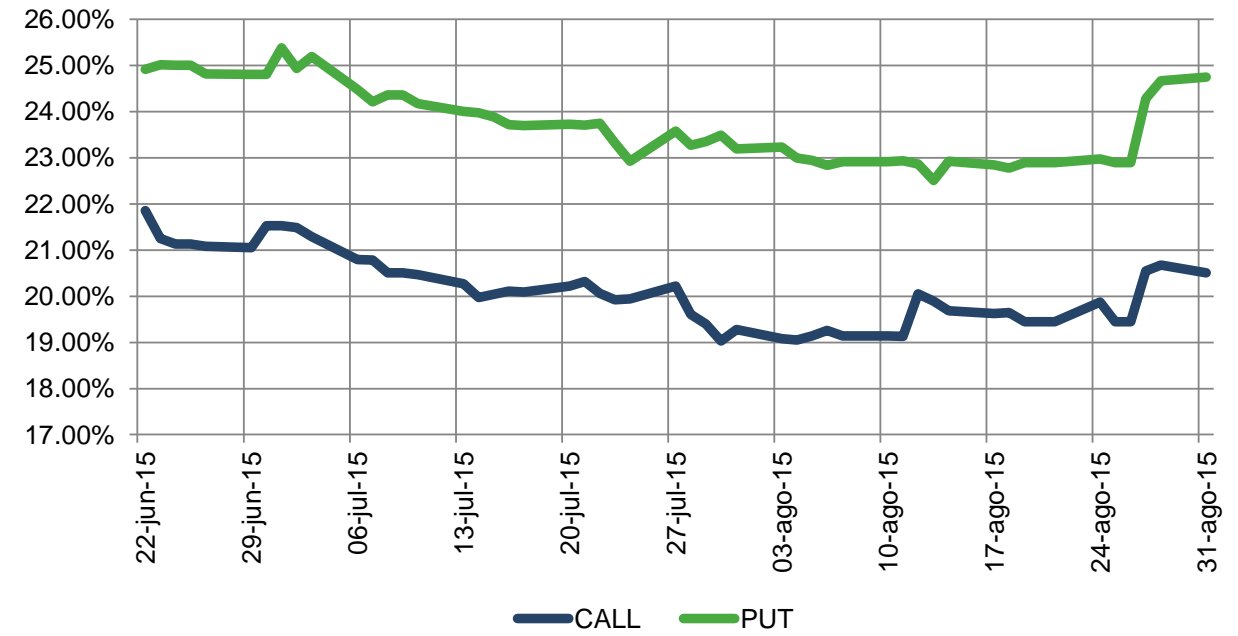
\*Calculada con precios de Liquidación de las Opciones En el Dinero (At The Money) al cierre de Operaciones / Calculated with At The Money Settlement Prices at the end of the Day.

**VOLATILIDAD IMPLÍCITA ATM DIARIA\* / DAILY IMPLIED ATM VOLATILITY\***  
**Femsa UBD / Femsa UBD Stock Option**

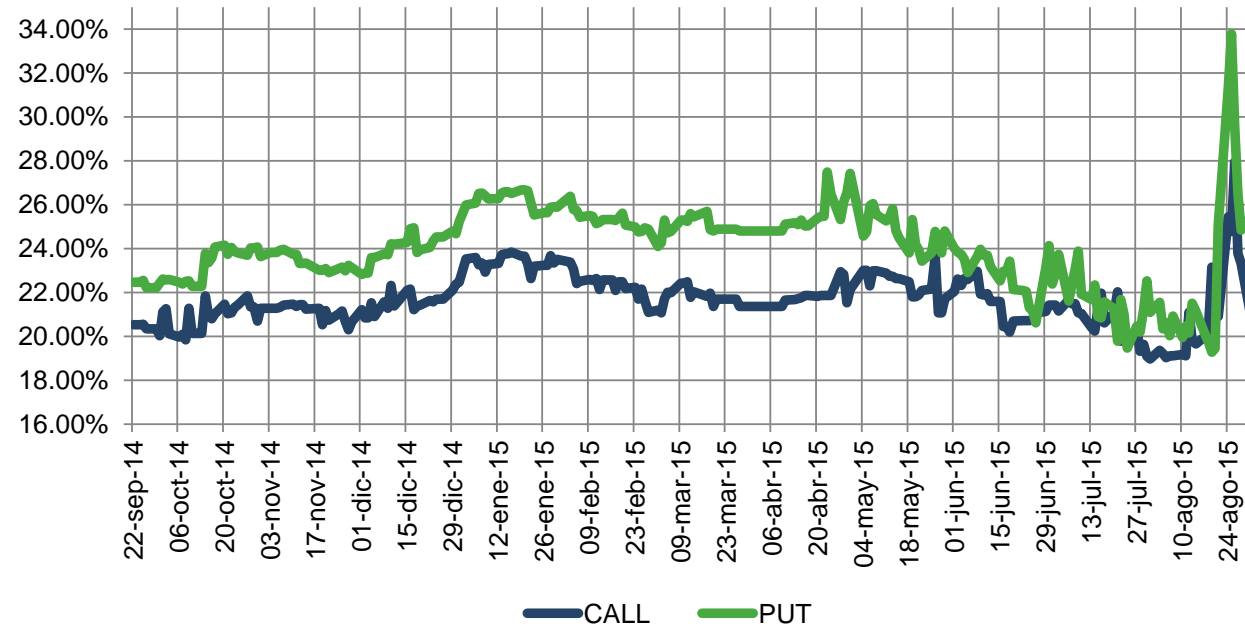
**Serie de Marzo 2016 / Maturity March 2016**



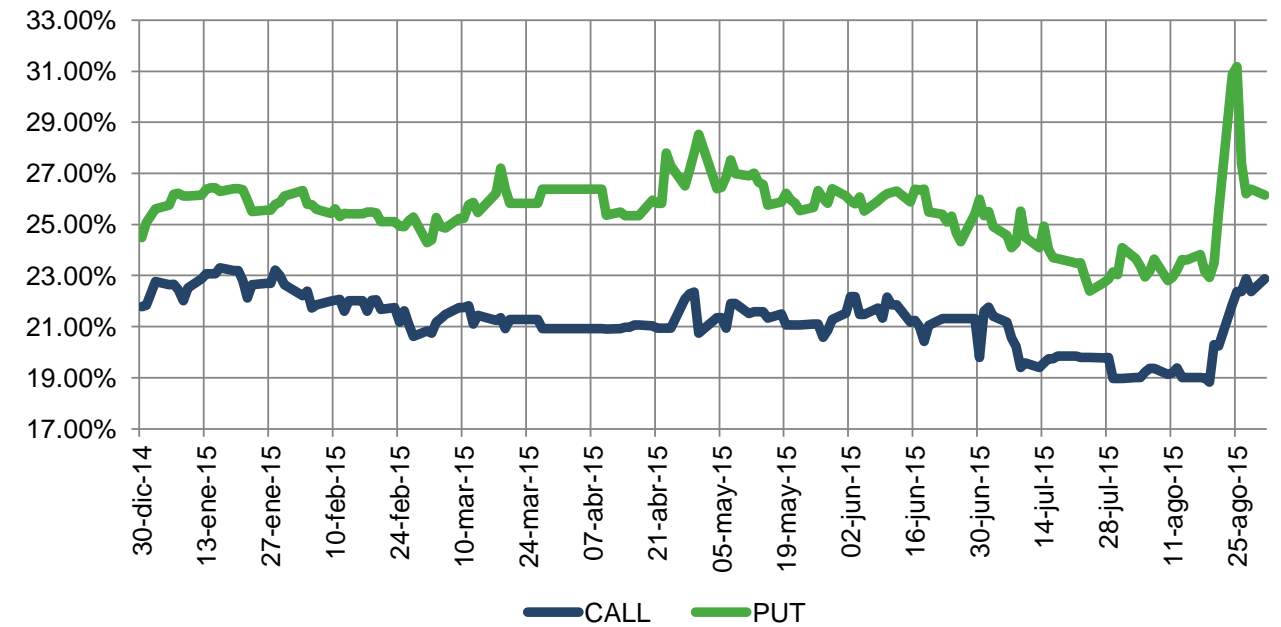
**Serie de Junio 2016 / Maturity June 2016**



**Serie de Septiembre 2015 / Maturity September 2015**



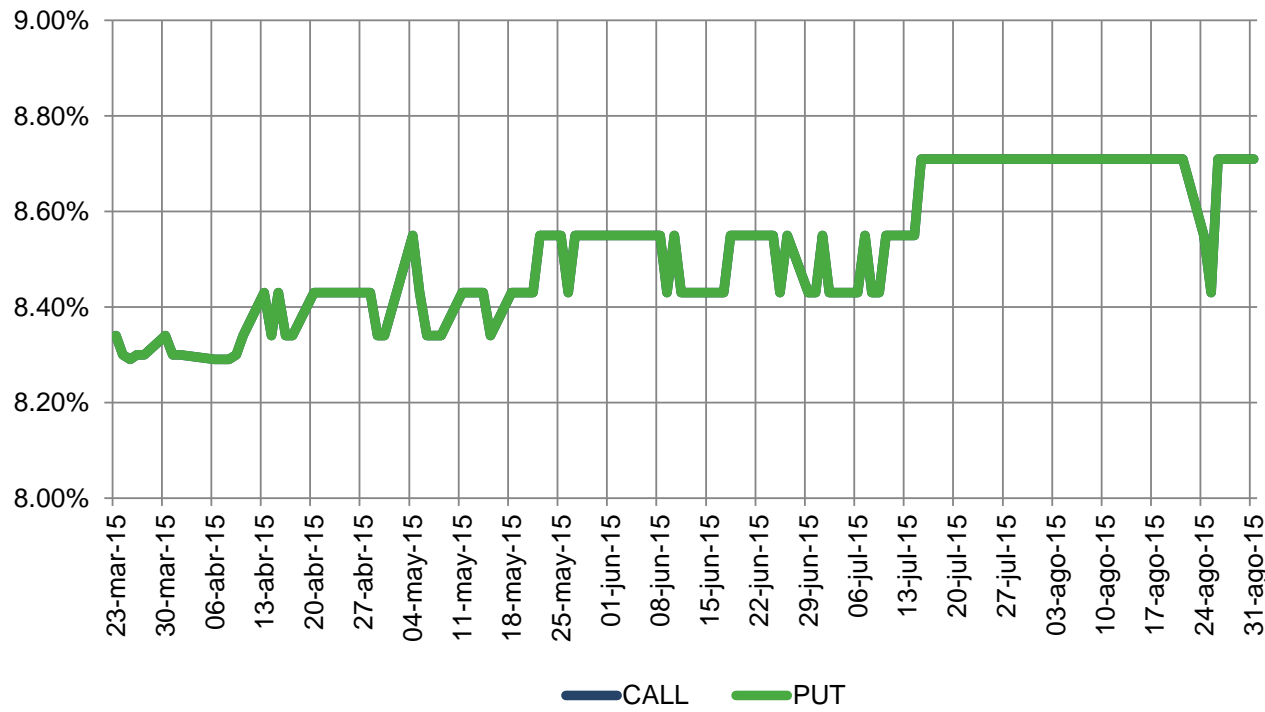
**Serie de Diciembre 2015 / Maturity December 2015**



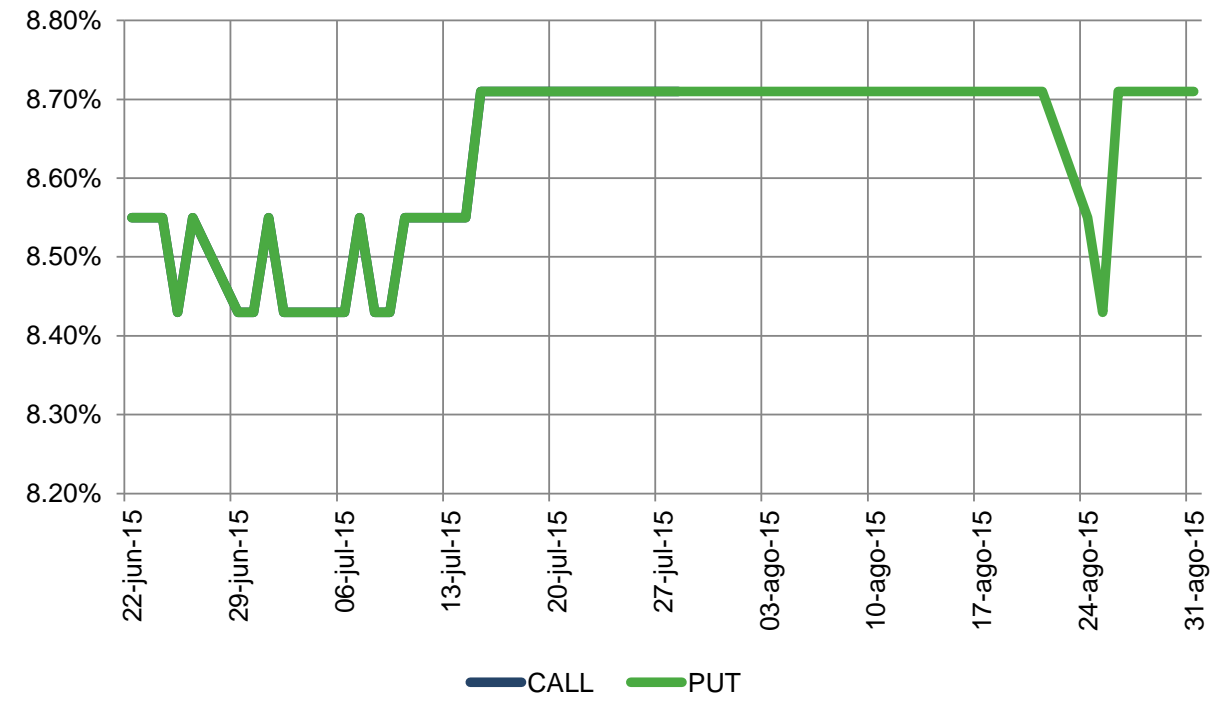
\*Calculada con precios de Liquidación de las Opciones En el Dinero (At The Money) al cierre de Operaciones / Calculated with At The Money Settlement Prices at the end of the Day.

**VOLATILIDAD IMPLÍCITA ATM DIARIA\* / DAILY IMPLIED ATM VOLATILITY\***  
 iShares S&P / Index Tracking Stock Option

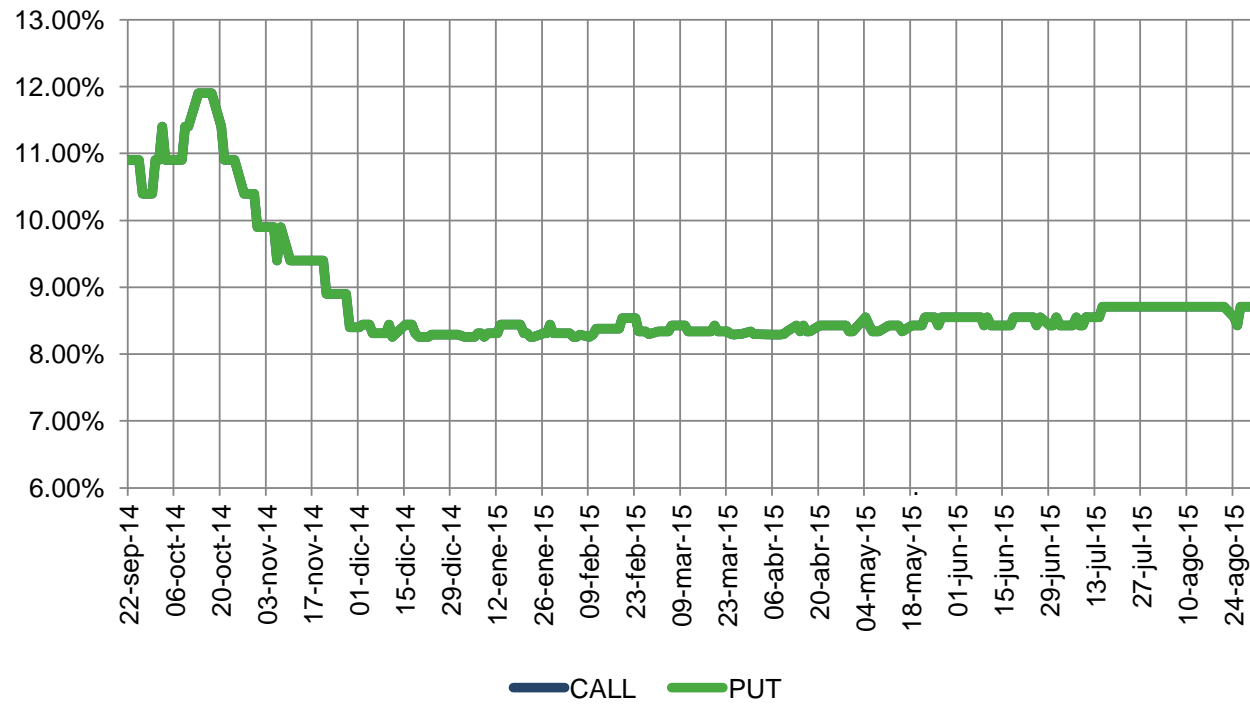
**Serie de Marzo 2016 / Maturity March 2016**



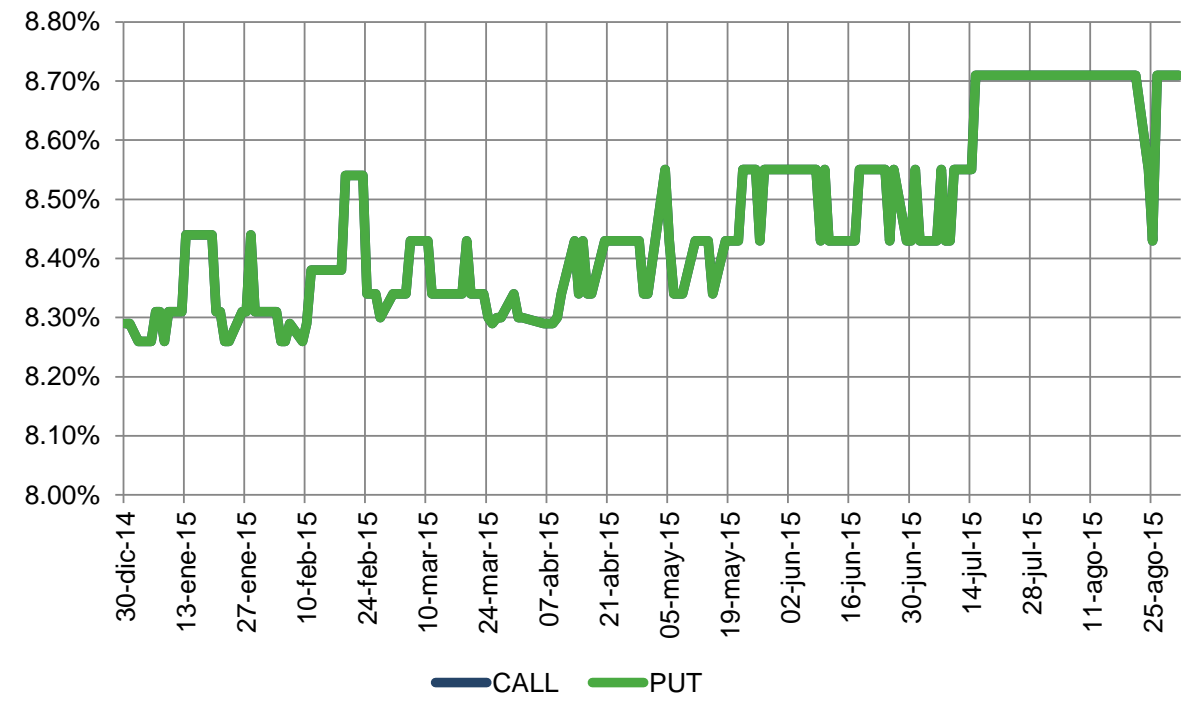
**Serie de Junio 2016 / Maturity June 2016**



**Serie de Septiembre 2015 / Maturity September 2015**



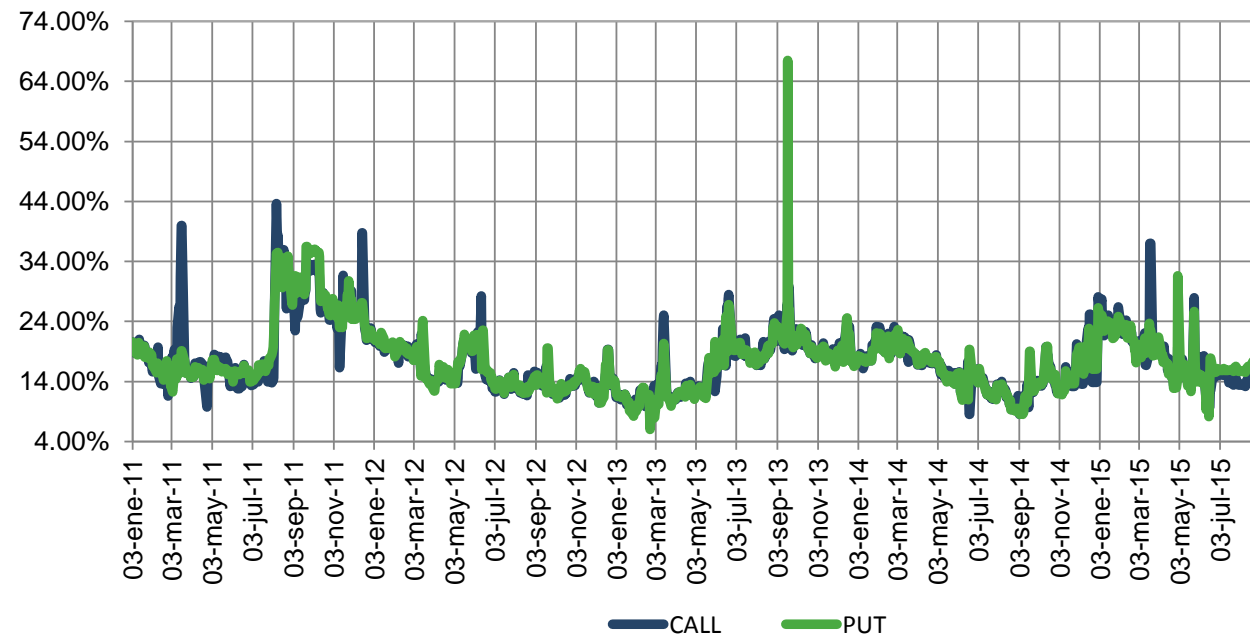
**Serie de Diciembre 2015 / Maturity December 2015**



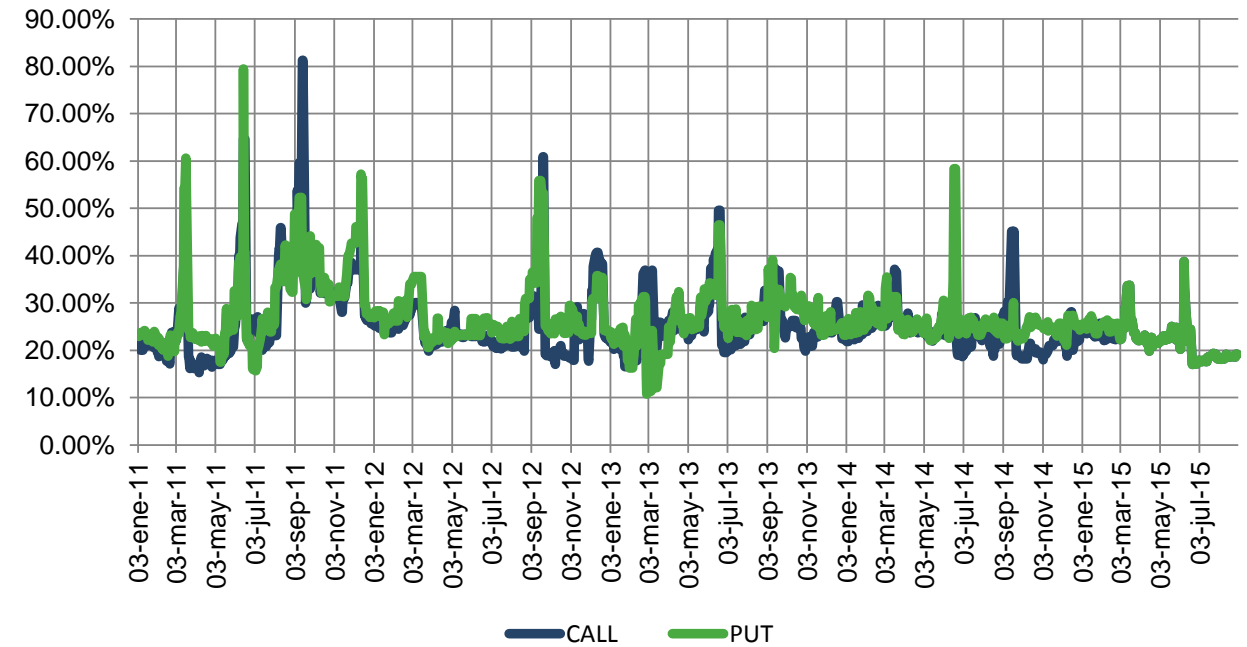
\*Calculada con precios de Liquidación de las Opciones En el Dinero (At The Money) al cierre de Operaciones / Calculated with At The Money Settlement Prices at the end of the Day.

**VOLATILIDAD IMPLÍCITA ATM DIARIA AL VENCIMIENTO MÁS CERCANO /  
DAILY ATM NEAREST MATURITY IMPLIED VOLATILITY\***  
IPC - América Móvil L - Cemex CPO - GMexico B/ Index and Equity Options

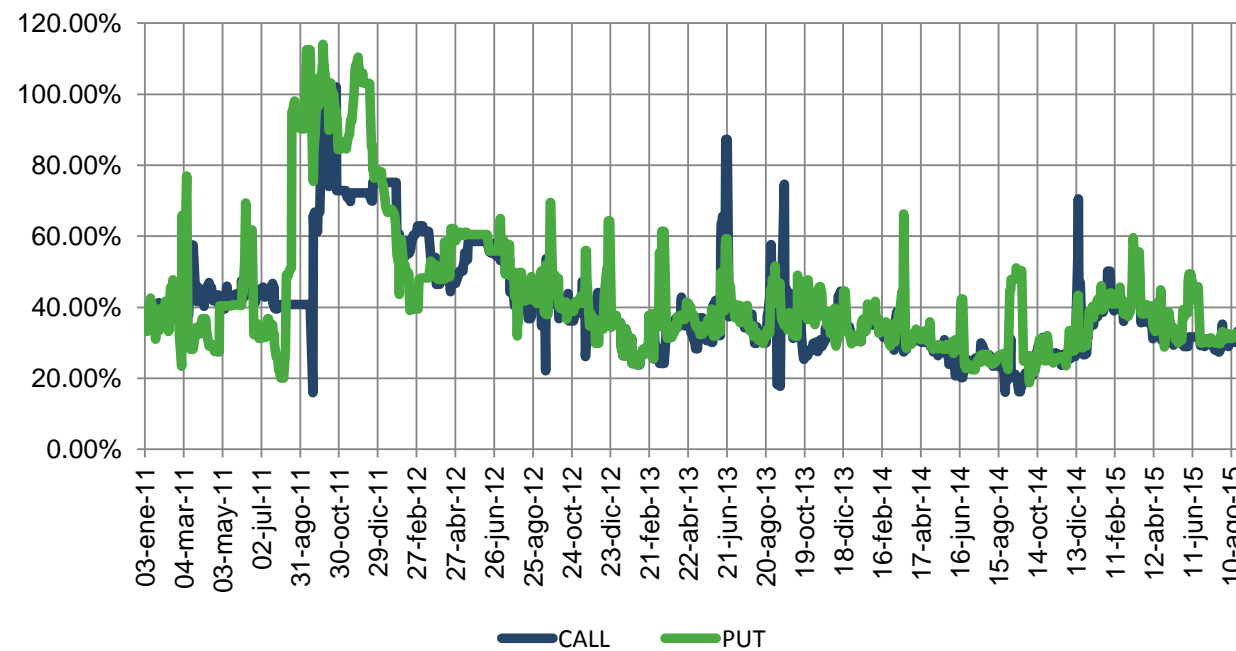
**Volatilidad Implícita diaria de las series ATM del  
Vencimiento más cercano /  
Nearest Maturity Implied Volatility  
IPC**



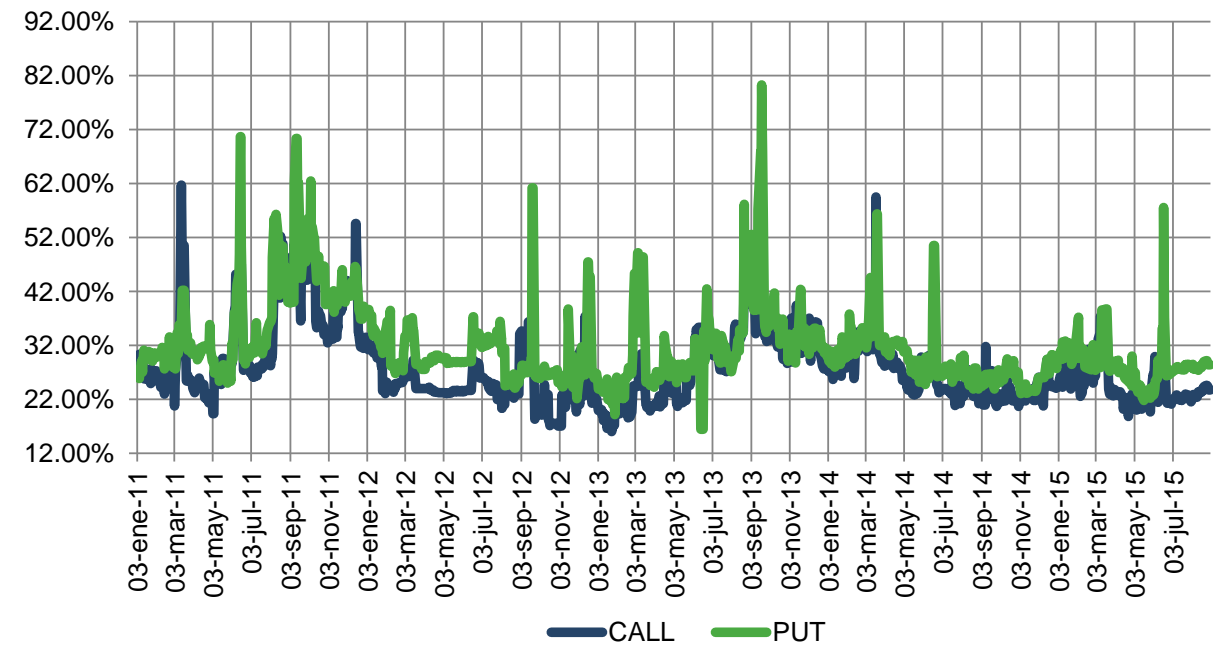
**Volatilidad Implícita diaria de las series ATM del  
Vencimiento más cercano /  
Nearest Maturity Implied Volatility  
AMÉRICA MÓVIL L**



**Volatilidad Implícita diaria de las series ATM del  
Vencimiento más cercano /  
Nearest Maturity Implied Volatility  
CEMEX CPO**



**Volatilidad Implícita diaria de las series ATM del  
Vencimiento más cercano /  
Nearest Maturity Implied Volatility  
GMEXICO B**

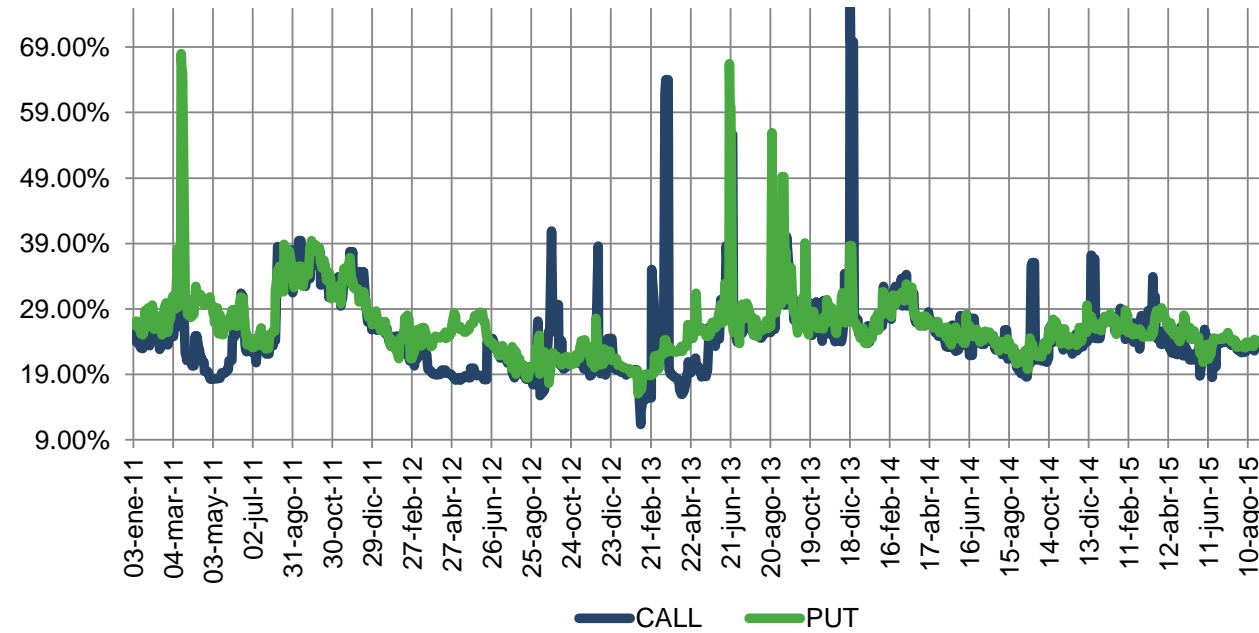


\*Calculada con precios de Liquidación de las Opciones En el Dinero (At The Money) al cierre de Operaciones / Calculated with At The Money Settlement Prices at the end of the Day.

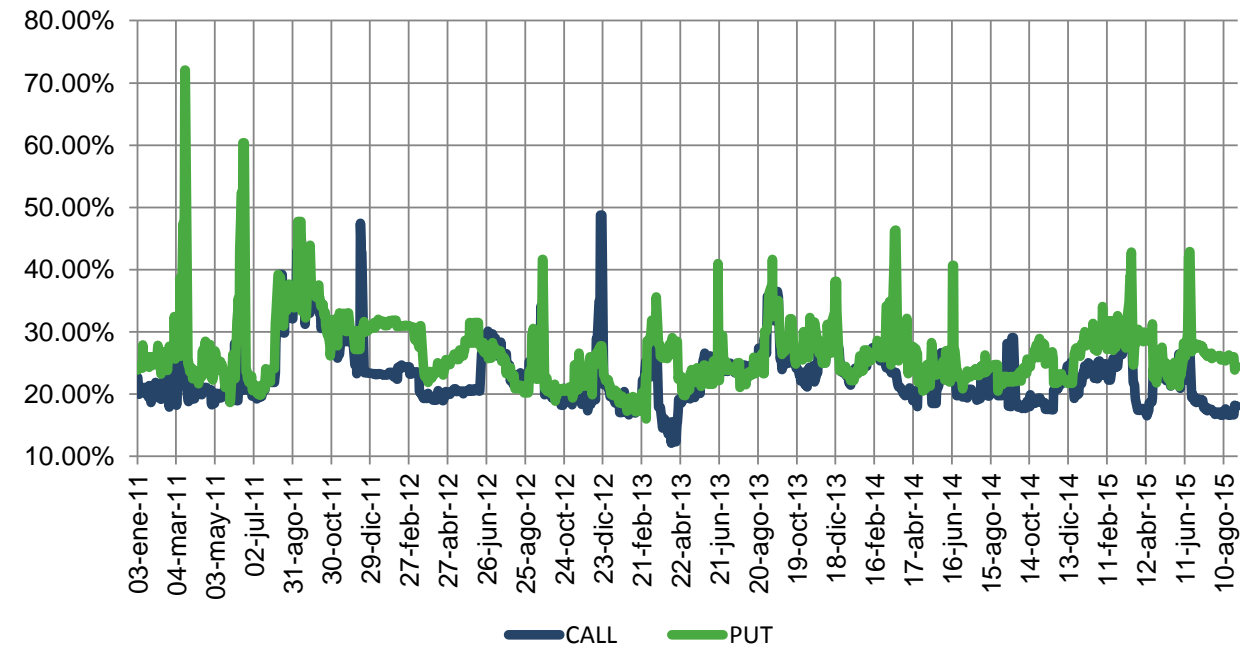


**VOLATILIDAD IMPLÍCITA ATM DIARIA AL VENCIMIENTO MÁS CERCANO /**  
**DAILY ATM NEAREST MATURITY IMPLIED VOLATILITY\***  
 Tlevisa CPO – Walmex V - Femsa UBD - Dólar/ *Equity and Currency Options*

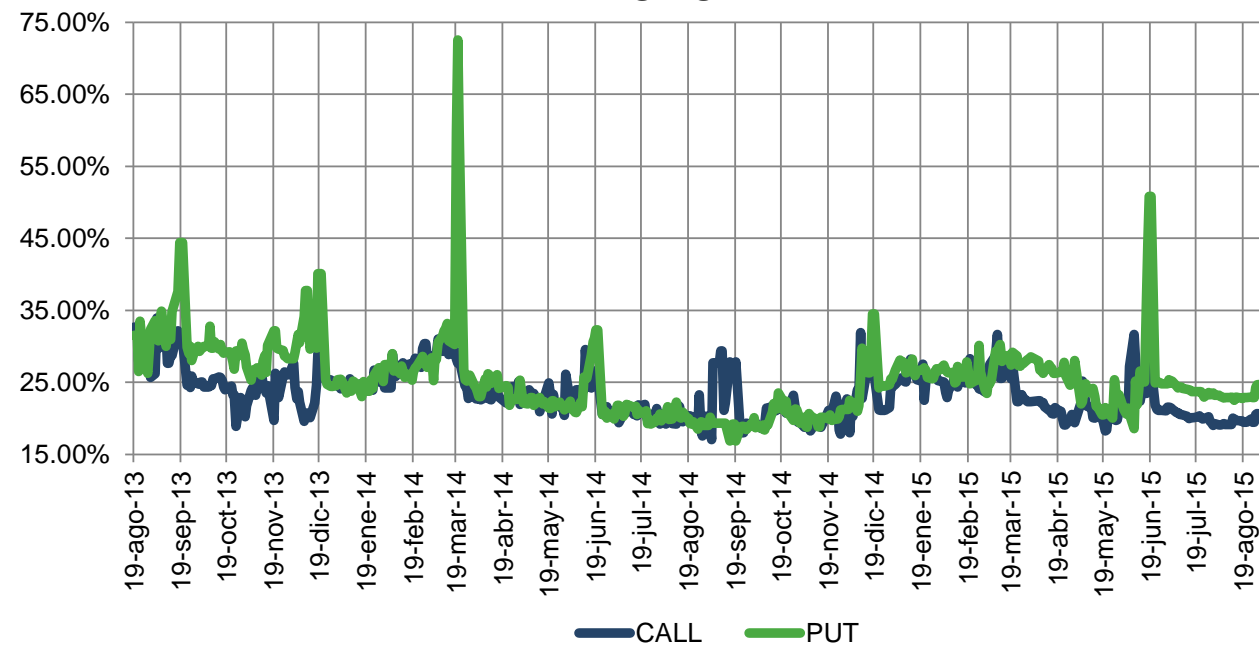
**Volatilidad Implícita diaria de las series ATM del Vencimiento más cercano / Nearest Maturity Implied Volatility TLEVISA CPO**



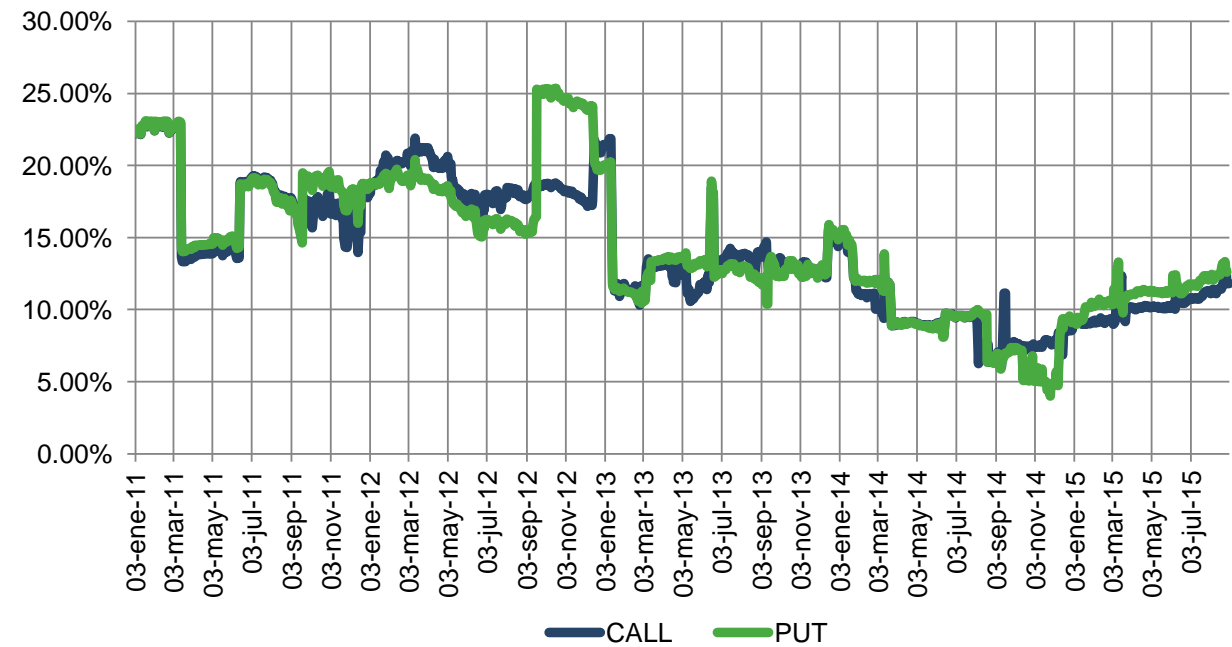
**Volatilidad Implícita diaria de las series ATM del Vencimiento más cercano / Nearest Maturity Implied Volatility WALMEX V**



**Volatilidad Implícita diaria de las series ATM del Vencimiento más cercano / Nearest Maturity Implied Volatility FEMSA UBD**



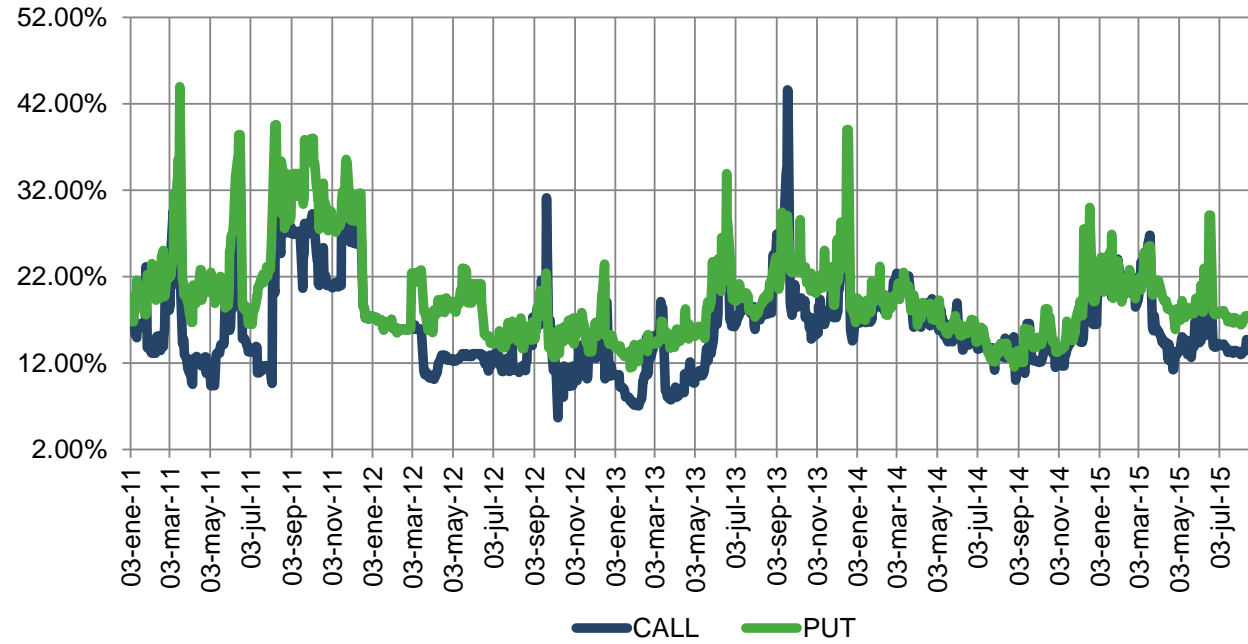
**Volatilidad Implícita diaria de las series ATM del Vencimiento más cercano / Nearest Maturity Implied Volatility DOLAR**



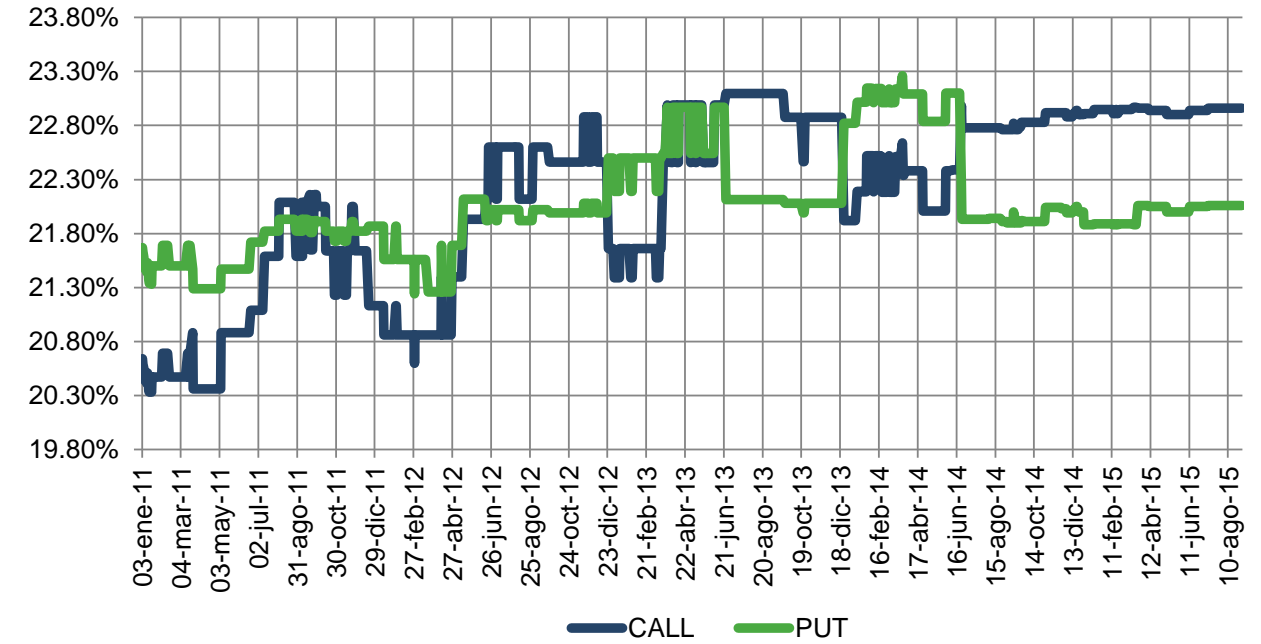
\*Calculada con precios de Liquidación de las Opciones En el Dinero (At The Money) al cierre de Operaciones / Calculated with At The Money Settlement Prices at the end of the Day.

**VOLATILIDAD IMPLÍCITA ATM DIARIA AL VENCIMIENTO MÁS CERCANO /  
DAILY ATM NEAREST MATURITY IMPLIED VOLATILITY\***  
Nafrac 02 – Brtrac – iShares S&P - Mextrac / Index Tracking Stock Options

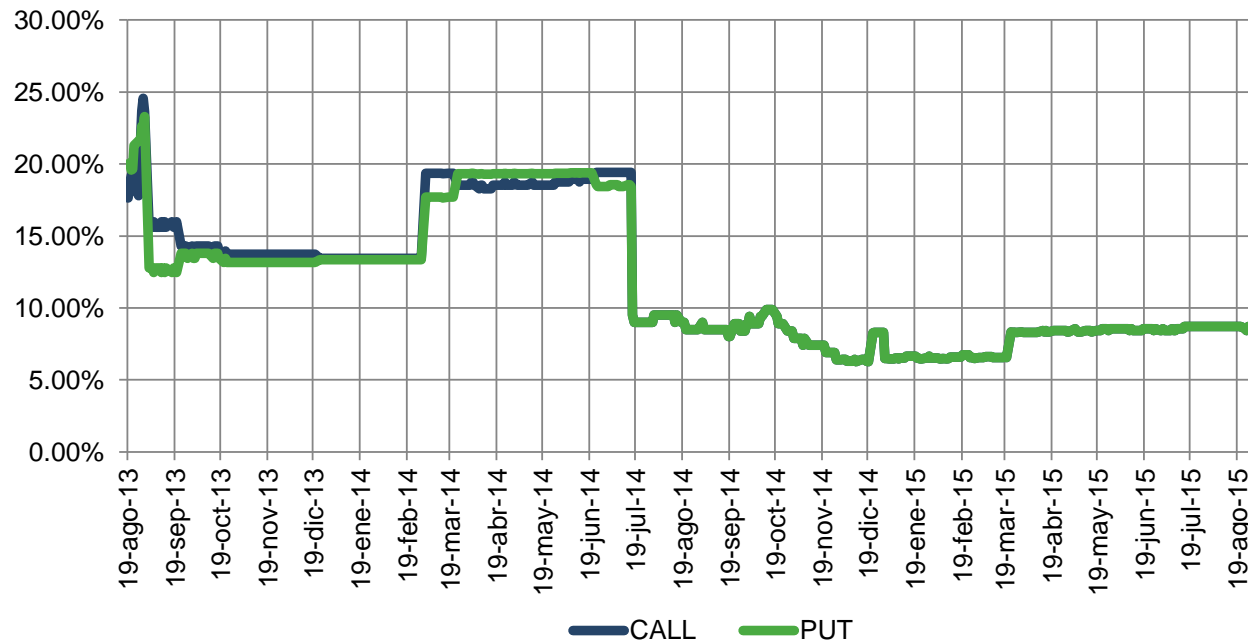
**Volatilidad Implícita diaria de las series ATM del  
Vencimiento más cercano /  
Nearest Maturity Implied Volatility  
NAFTRAC 02**



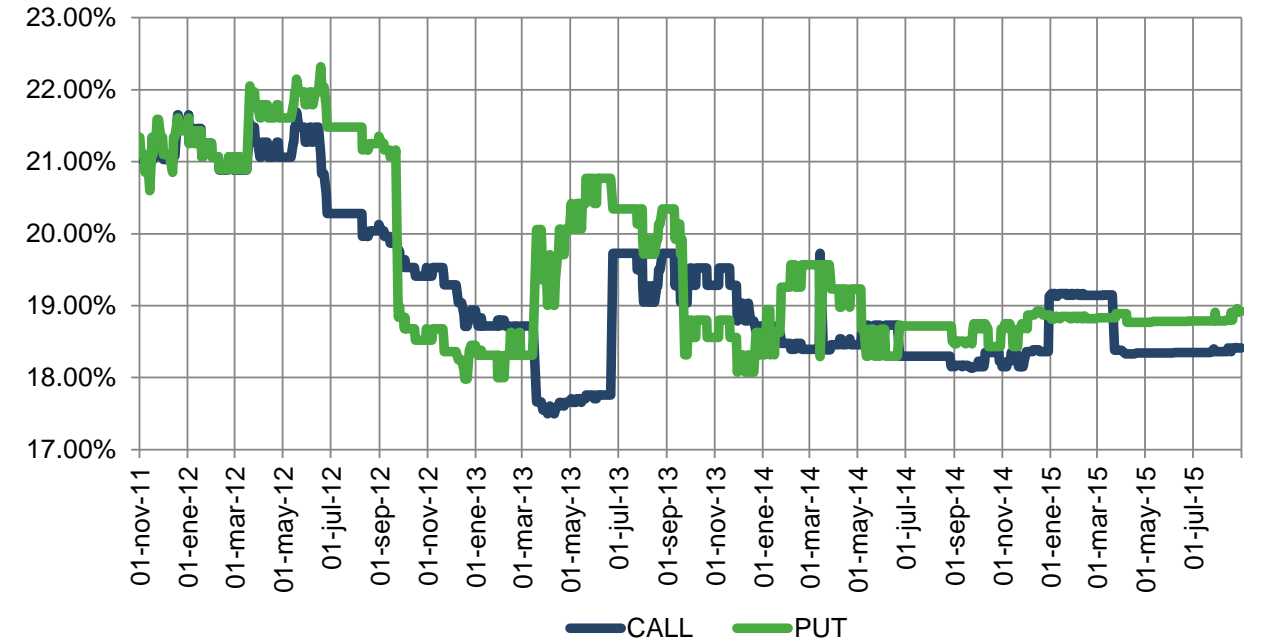
**Volatilidad Implícita diaria de las series ATM del  
Vencimiento más cercano /  
Nearest Maturity Implied Volatility  
BRTRAC**



**Volatilidad Implícita diaria de las series ATM del  
Vencimiento más cercano /  
Nearest Maturity Implied Volatility  
ISHARES S&P**



**Volatilidad Implícita diaria de las series ATM del  
Vencimiento más cercano /  
Nearest Maturity Implied Volatility  
MEXTRAC**



\*Calculada con precios de Liquidación de las Opciones En el Dinero (At The Money) al cierre de Operaciones / Calculated with At The Money Settlement Prices at the end of the Day.

La información contenida en los Indicadores del Mercado de Productos Derivados, en su versión mensual “Resumen y Análisis Operativo” está elaborado con técnicas confiables, utilizando la información más oportuna disponible. No obstante, MexDer, Mercado Mexicano de Derivados, S.A. de C.V., no se hace responsable por eventuales errores tipográficos o de captura que puedan ser publicados, ni se hace responsable por el uso o interpretación que terceros pudieran hacer con la información publicada. Las decisiones de compra o venta de productos derivados basada en la información contenida en las gráficas, textos y cuadros de los Indicadores del Mercado de Productos Derivados, son responsabilidad exclusiva del lector, por lo que la información no debe ser considerada como recomendación de compra o venta de alguno de los instrumentos que aquí se publican.

Indicadores del Mercado de Productos Derivados – Resumen de Análisis Operativo, es una publicación mensual, editada por MexDer, Mercado Mexicano de Derivados S.A. de C.V.

Paseo de la Reforma No. 255, Colonia Cuauhtémoc, C.P. 06500, México D.F., Tel. 5342-9900

Editor responsable: Mercado Mexicano de Derivados S.A. de C.V.

No. de Reserva al título en Derechos de Autor 04-2002-1017153112900-203

---

Para cualquier comentario y/o sugerencia dirigirse con:

Israel Almazán García

*Estadística de Derivados MexDer*

*Subdirección de Estadística*

Tel. (5255) 5342 – 9086

[ialmazan@grupobmv.com.mx](mailto:ialmazan@grupobmv.com.mx)

