

**HAIRCUT VALIDOS PARA FEBRERO 2019  
EMISIONES DE DEUDA EXTERNA**

NOMBRE_BBRG	MARKET_ISSUE	CALC_TYP_DES	MONEDA	MTY_TYP	FECHAEMD	FECHAVED	HAIRCUTS POR PLAZO			
							1	2	3	4
XS1385239006	GLOBAL	STREET CONVENTION	EUR	AT MATURITY	24/02/1997	22/03/2026	3,000%	3,000%	3,319%	3,340%
XS0833886095	GLOBAL	STREET CONVENTION	COP	AT MATURITY	28/01/2003	21/03/2023	3,000%	3,000%	3,000%	3,000%
XS0502258444	GLOBAL	STREET CONVENTION	COP	AT MATURITY	14/04/2010	14/04/2021	3,000%	3,000%	3,000%	3,000%
XS0306322065	GLOBAL	STREET CONVENTION	COP	AT MATURITY	28/06/2007	28/06/2027	3,000%	3,000%	3,000%	3,000%
USP3772NHK11	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/01/2003	15/03/2023	3,000%	3,000%	3,000%	3,582%
US195325DL65	GLOBAL	STREET CONVENTION	USD	AT MATURITY	25/01/2017	25/04/2027	3,000%	3,000%	3,000%	3,146%
US195325CX13	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/09/2015	28/01/2026	3,000%	3,000%	3,054%	3,350%
US195325CU73	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/01/2015	15/06/2045	3,000%	3,000%	3,000%	3,000%
US195325BR53	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/01/2003	26/02/2044	3,000%	3,000%	3,000%	3,000%
US195325BQ70	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/01/2003	26/02/2024	3,000%	3,000%	3,000%	3,377%
US195325BN40	GLOBAL	STREET CONVENTION	USD	AT MATURITY	7/12/2011	12/07/2021	3,000%	3,177%	3,177%	3,570%
US195325BM66	GLOBAL	STREET CONVENTION	USD	AT MATURITY	20/10/2009	18/01/2041	3,000%	3,000%	3,000%	3,000%
US195325BL83	GLOBAL	STREET CONVENTION	USD	AT MATURITY	13/01/2009	18/03/2019	3,000%	3,312%	3,312%	3,712%
US195325BK01	GLOBAL	STREET CONVENTION	USD	AT MATURITY	19/09/2006	18/09/2037	3,000%	3,000%	3,000%	3,000%
US195325BD67	GLOBAL	STREET CONVENTION	USD	AT MATURITY	21/01/2004	21/05/2024	16,000%	16,000%	16,000%	16,000%
US195325BB02	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/01/2003	28/01/2033	11,864%	11,864%	11,864%	11,864%
US195325AU91	GLOBAL	STREET CONVENTION	USD	AT MATURITY	25/02/2000	25/02/2020	3,000%	3,000%	3,322%	3,661%
US195325AQ89	GLOBAL	STREET CONVENTION	USD	AT MATURITY	17/03/2000	9/03/2028	3,000%	3,000%	3,000%	3,000%
US195325AL92	GLOBAL	STREET CONVENTION	USD	AT MATURITY	24/02/1997	15/02/2027	3,730%	5,103%	5,796%	7,508%
JP517000A9P9	SAMURAI	JAPAN:NON-GOVT BB	JPY	AT MATURITY	27/11/2009	27/11/2019	3,000%	3,000%	3,181%	6,713%

HAIRCUTS POR PLAZO															
NOMBRE_BBRG	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
XS1385239006	3,734%	4,209%	4,991%	4,991%	5,957%	6,738%	7,520%	7,520%	8,006%	8,125%	8,192%	8,504%	8,504%	8,883%	9,066%
XS0833886095	3,000%	3,000%	3,000%	3,000%	3,000%	3,000%	3,000%	3,000%	3,000%	3,000%	3,000%	3,000%	3,000%	3,000%	3,000%
XS0502258444	3,000%	3,000%	3,000%	3,000%	3,000%	3,000%	3,000%	3,000%	3,000%	3,000%	3,000%	3,000%	3,000%	3,000%	3,000%
XS0306322065	3,000%	3,000%	3,000%	3,000%	3,000%	3,000%	3,000%	3,000%	3,000%	3,000%	3,000%	3,000%	3,000%	3,000%	3,000%
USP3772NHK11	3,992%	4,474%	4,590%	4,645%	5,157%	6,606%	6,994%	7,154%	7,408%	7,457%	7,457%	7,457%	7,457%	7,653%	7,748%
US195325DL65	3,385%	3,638%	3,937%	4,289%	4,289%	5,146%	5,597%	6,049%	6,439%	6,439%	6,439%	6,439%	6,439%	6,597%	6,923%
US195325CX13	3,541%	3,826%	4,221%	4,382%	4,382%	5,499%	5,860%	6,195%	6,474%	6,484%	6,484%	6,484%	6,484%	6,484%	6,643%
US195325CU73	3,000%	3,159%	3,313%	3,434%	3,583%	4,033%	4,040%	4,212%	4,486%	4,524%	4,567%	4,623%	4,623%	4,623%	4,673%
US195325BR53	3,000%	3,000%	3,135%	3,278%	3,468%	3,582%	3,862%	3,862%	4,563%	4,717%	4,717%	4,717%	4,717%	4,717%	4,717%
US195325BQ70	3,725%	4,202%	4,288%	4,288%	4,804%	5,998%	6,374%	6,530%	6,699%	6,925%	6,940%	6,940%	6,958%	7,070%	7,173%
US195325BN40	4,227%	4,630%	4,681%	4,762%	5,132%	6,825%	7,223%	7,383%	7,674%	7,743%	7,743%	7,745%	7,745%	8,147%	8,399%
US195325BM66	3,061%	3,097%	3,260%	3,397%	3,461%	3,966%	4,282%	4,630%	4,698%	4,754%	4,772%	4,772%	4,772%	4,772%	4,772%
US195325BL83	4,571%	5,302%	5,422%	5,509%	5,596%	7,624%	7,888%	8,238%	8,547%	8,961%	8,961%	9,130%	9,189%	9,316%	9,951%
US195325BK01	3,166%	3,258%	3,300%	3,340%	3,618%	4,054%	4,450%	4,706%	4,953%	5,003%	5,019%	5,019%	5,019%	5,019%	5,019%
US195325BD67	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
US195325BB02	11,864%	11,864%	11,864%	11,864%	11,864%	11,864%	11,864%	11,864%	11,864%	11,864%	11,864%	11,864%	11,864%	11,864%	11,864%
US195325AU91	4,551%	5,220%	5,382%	5,559%	5,890%	7,736%	8,455%	8,697%	8,922%	9,046%	9,046%	9,046%	9,046%	9,509%	9,869%
US195325AQ89	3,567%	4,031%	4,111%	4,111%	4,533%	5,115%	5,359%	6,040%	6,052%	6,611%	6,611%	6,856%	6,856%	6,894%	7,536%
US195325AL92	7,843%	8,460%	10,303%	11,945%	12,926%	12,975%	14,594%	14,698%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
JP517000A9P9	8,373%	8,866%	10,147%	10,945%	11,199%	11,199%	11,199%	11,199%	11,284%	12,293%	12,293%	13,382%	13,382%	13,382%	13,382%

