

**HAIRCUTS VALIDOS PARA MARZO DE 2020
EMISIONES DE DEUDA EXTERNA**

NOMBRE_BBRG	MARKET_ISSUE	calcTypDes	denominacion	mtyTyp	fecha_emision	fecha_vencimiento	1	2	3	4	5
XS1385239006	GLOBAL	STREET CONVENTION	EUR	AT MATURITY	24/02/1997	22/03/2026	3,000%	3,000%	3,000%	3,000%	3,229%
XS0833886095	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/01/2003	21/03/2023	3,000%	3,000%	3,000%	3,000%	3,090%
XS0502258444	GLOBAL	STREET CONVENTION	COP	AT MATURITY	14/04/2010	14/04/2021	3,000%	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%	3,000%
USP3772NHK11	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/01/2003	15/03/2023	3,000%	3,000%	3,000%	3,000%	3,150%
US195325DQ52	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/01/2019	15/05/2049	10,903%	16,000%	16,000%	16,000%	16,000%
US195325DP79	GLOBAL	STREET CONVENTION	USD	AT MATURITY	12/10/2018	15/03/2029	3,000%	3,000%	3,000%	3,120%	3,441%
US195325DL65	GLOBAL	STREET CONVENTION	USD	AT MATURITY	25/01/2017	25/04/2027	3,000%	3,000%	3,000%	3,019%	3,325%
US195325CX13	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/09/2015	28/01/2026	3,000%	3,000%	3,000%	3,000%	3,245%
US195325CU73	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/01/2015	15/06/2045	3,000%	3,032%	3,401%	3,912%	4,341%
US195325BR53	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/01/2003	26/02/2044	3,000%	3,000%	3,237%	3,725%	4,157%
US195325BQ70	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/01/2003	26/02/2024	3,000%	3,000%	3,000%	3,000%	3,173%
US195325BN40	GLOBAL	STREET CONVENTION	USD	AT MATURITY	7/12/2011	12/07/2021	3,000%	3,000%	3,000%	3,015%	3,120%
US195325BM66	GLOBAL	STREET CONVENTION	USD	AT MATURITY	20/10/2009	18/01/2041	3,000%	3,000%	3,130%	3,570%	3,965%
US195325BK01	GLOBAL	STREET CONVENTION	USD	AT MATURITY	19/09/2006	18/09/2037	3,000%	3,000%	3,070%	3,485%	3,854%
US195325BD67	GLOBAL	STREET CONVENTION	USD	AT MATURITY	21/01/2004	21/05/2024	3,000%	3,000%	3,000%	3,000%	3,167%
US195325BB02	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/01/2003	28/01/2033	3,000%	3,445%	3,445%	3,445%	3,452%
US195325AU91	GLOBAL	STREET CONVENTION	USD	AT MATURITY	25/02/2000	25/02/2020	3,000%	3,000%	3,093%	3,375%	3,579%
US195325AQ89	GLOBAL	STREET CONVENTION	USD	AT MATURITY	17/03/2000	9/03/2028	3,000%	3,000%	3,000%	3,037%	3,357%
US195325AL92	GLOBAL	STREET CONVENTION	USD	AT MATURITY	24/02/1997	15/02/2027	3,000%	3,000%	3,000%	3,026%	3,346%
JP517000A9P9	SAMURAI	JAPAN:NON-GOVT BB	JPY	AT MATURITY	27/11/2009	27/11/2019	3,000%	3,000%	3,404%	3,756%	4,166%

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24	25	26	27	28	29	30	31	32	33	34	35
5,954%	5,954%	5,986%	6,055%	6,106%	6,195%	6,214%	6,224%	6,251%	6,271%	6,286%	6,361%
7,735%	7,922%	7,922%	7,922%	7,922%	8,025%	8,226%	8,416%	8,556%	8,776%	8,918%	9,016%
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%	3,000%	3,000%	3,000%	3,000%	3,145%	3,149%	3,149%	3,149%	3,149%
7,248%	7,248%	7,311%	7,481%	7,642%	7,830%	7,988%	8,114%	8,257%	8,400%	8,514%	8,744%
16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%	16,000%
7,521%	7,726%	7,949%	8,186%	8,408%	8,652%	8,861%	9,023%	9,207%	9,387%	9,532%	9,687%
7,388%	7,582%	7,794%	8,016%	8,221%	8,450%	8,651%	8,808%	8,983%	9,158%	9,300%	9,451%
7,167%	7,346%	7,536%	7,732%	7,914%	8,130%	8,313%	8,458%	8,624%	8,787%	8,920%	9,065%
9,384%	9,688%	10,025%	10,373%	10,704%	11,045%	11,339%	11,557%	11,795%	12,026%	12,204%	12,382%
9,106%	9,384%	9,693%	10,008%	10,306%	10,622%	10,894%	11,102%	11,339%	11,569%	11,748%	11,939%
7,200%	7,200%	7,318%	7,497%	7,661%	7,860%	8,026%	8,219%	8,307%	8,454%	8,572%	8,991%
8,525%	8,525%	8,525%	8,525%	8,525%	8,525%	8,525%	8,612%	8,759%	8,866%	9,002%	9,526%
9,380%	9,667%	9,983%	10,310%	10,620%	10,947%	11,235%	11,463%	11,721%	11,975%	12,184%	12,390%
9,069%	9,337%	9,622%	9,924%	10,215%	10,536%	10,816%	11,030%	11,273%	11,503%	11,685%	11,874%
6,884%	7,034%	7,191%	7,357%	7,511%	7,701%	7,856%	7,984%	8,126%	8,268%	8,381%	8,569%
7,338%	7,509%	7,704%	7,904%	8,087%	8,302%	8,503%	8,634%	8,793%	8,969%	9,118%	9,258%
9,676%	9,676%	9,676%	9,676%	9,676%	9,676%	9,796%	10,198%	10,616%	11,020%	11,329%	11,996%
7,802%	8,010%	8,232%	8,458%	8,667%	8,903%	9,107%	9,271%	9,452%	9,635%	9,792%	9,955%
9,036%	11,261%	12,087%	12,243%	12,779%	13,104%	13,200%	13,200%	13,200%	13,200%	13,200%	13,200%
7,335%	7,466%	7,511%	8,516%	8,516%	8,516%	8,516%	8,516%	8,543%	8,693%	8,693%	8,693%