

## HAIRCUTS DEUDA EXTERNA OCTUBRE DE 2021

NOMBRE_BBRG	MARKET_ISSUE	calcTypDes	denominacion	mtyTyp	fecha_emision	fecha_vencimiento
XS1385239006	GLOBAL	STREET CONVENTION	EUR	AT MATURITY	24/02/1997	22/03/2026
XS0833886095	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/01/2003	21/03/2023
XS0306322065	GLOBAL	STREET CONVENTION	COP	AT MATURITY	28/06/2007	28/06/2027
USP3772NHK11	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/01/2003	15/03/2023
US195325DX04	GLOBAL	STREET CONVENTION	USD	AT MATURITY	22/01/2021	15/02/2061
US195325DT91	GLOBAL	STREET CONVENTION	USD	AT MATURITY	4/06/2020	15/05/2051
US195325DS19	GLOBAL	STREET CONVENTION	USD	AT MATURITY	4/06/2020	15/04/2031
US195325DR36	GLOBAL	STREET CONVENTION	USD	AT MATURITY	30/01/2020	30/01/2030
US195325DQ52	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/01/2019	15/05/2049
US195325DP79	GLOBAL	STREET CONVENTION	USD	AT MATURITY	12/10/2018	15/03/2029
US195325DL65	GLOBAL	STREET CONVENTION	USD	AT MATURITY	25/01/2017	25/04/2027
US195325CX13	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/09/2015	28/01/2026
US195325CU73	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/01/2015	15/06/2045
US195325BR53	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/01/2003	26/02/2044
US195325BQ70	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/01/2003	26/02/2024
US195325BM66	GLOBAL	STREET CONVENTION	USD	AT MATURITY	20/10/2009	18/01/2041
US195325BK01	GLOBAL	STREET CONVENTION	USD	AT MATURITY	19/09/2006	18/09/2037
US195325BD67	GLOBAL	STREET CONVENTION	USD	AT MATURITY	21/01/2004	21/05/2024
US195325BB02	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/01/2003	28/01/2033
US195325AQ89	GLOBAL	STREET CONVENTION	USD	AT MATURITY	17/03/2000	9/03/2028
US195325AL92	GLOBAL	STREET CONVENTION	USD	AT MATURITY	24/02/1997	15/02/2027

## HAIRCUTS DEUDA EXTERNA OCTUBRE DE 2021

1	2	3	4	5	6	7	8	9	10	11	12	13
3,000%	3,000%	3,346%	3,766%	3,766%	3,766%	4,146%	4,391%	4,443%	5,223%	5,481%	5,481%	5,481%
3,000%	3,000%	3,184%	3,582%	3,768%	3,768%	3,893%	4,055%	4,582%	4,742%	4,742%	4,742%	4,794%
3,000%	3,000%	3,000%	3,000%	3,000%	3,000%	3,000%	3,017%	3,304%	3,695%	3,695%	3,704%	3,864%
3,000%	3,000%	3,295%	3,660%	3,855%	3,910%	3,910%	4,163%	4,443%	4,621%	4,621%	4,621%	4,689%
3,000%	3,000%	3,195%	3,526%	3,526%	3,550%	3,624%	3,763%	3,891%	3,977%	4,006%	4,032%	4,045%
3,000%	3,000%	3,258%	3,465%	3,495%	3,631%	3,631%	3,743%	3,869%	3,953%	3,980%	4,004%	4,015%
3,000%	3,000%	3,735%	4,151%	4,188%	4,347%	4,495%	4,495%	4,495%	4,495%	4,495%	4,495%	4,495%
3,000%	3,000%	3,663%	4,151%	4,295%	4,389%	4,558%	4,558%	4,558%	4,558%	4,558%	4,558%	4,558%
3,000%	3,133%	4,216%	5,167%	5,741%	5,922%	5,922%	5,922%	5,922%	6,138%	6,138%	6,138%	6,138%
3,000%	3,000%	3,231%	3,847%	4,159%	4,680%	4,680%	4,680%	4,680%	4,680%	4,680%	4,680%	4,680%
3,000%	3,000%	3,293%	3,832%	4,218%	4,338%	4,426%	4,426%	4,426%	4,426%	4,426%	4,426%	4,426%
3,000%	3,000%	3,325%	3,721%	3,865%	4,004%	4,148%	4,148%	4,148%	4,175%	4,175%	4,175%	4,175%
3,000%	3,089%	4,016%	4,849%	5,548%	5,793%	5,793%	5,793%	5,809%	5,818%	5,818%	5,818%	5,818%
3,000%	3,072%	4,195%	5,107%	5,674%	5,976%	5,976%	5,976%	5,976%	5,976%	5,976%	5,976%	5,976%
3,000%	3,000%	3,251%	3,735%	3,854%	3,854%	3,854%	4,189%	4,278%	4,403%	4,403%	4,464%	4,464%
3,000%	3,000%	3,915%	4,741%	5,346%	5,658%	5,658%	5,658%	5,691%	6,008%	6,008%	6,008%	6,008%
3,000%	3,000%	3,466%	4,000%	4,775%	4,775%	4,775%	4,775%	4,775%	4,775%	5,195%	5,296%	5,296%
3,000%	3,000%	3,300%	3,726%	3,774%	3,779%	4,130%	4,130%	4,222%	4,380%	4,405%	4,405%	4,422%
3,000%	3,000%	3,205%	3,692%	3,913%	3,913%	3,959%	4,062%	4,092%	4,325%	4,813%	4,813%	4,813%
3,000%	3,000%	3,333%	4,080%	4,147%	4,240%	4,397%	4,397%	4,397%	4,397%	4,504%	4,619%	4,627%
3,000%	3,000%	3,328%	4,022%	4,056%	4,160%	4,342%	4,342%	4,342%	4,342%	4,342%	4,463%	4,488%

## HAIRCUTS DEUDA EXTERNA OCTUBRE DE 2021

14	15	16	17	18	19	20	21	22	23	24	25	26
5,481%	5,481%	5,481%	5,481%	5,481%	5,481%	5,481%	5,481%	5,481%	5,481%	5,481%	5,481%	5,481%
4,794%	4,794%	4,794%	4,794%	4,794%	4,794%	4,936%	5,208%	5,312%	5,556%	5,869%	6,255%	6,416%
4,540%	4,686%	4,686%	4,686%	4,820%	5,034%	5,445%	5,702%	6,223%	6,627%	6,801%	7,299%	7,299%
4,689%	4,689%	4,689%	4,689%	4,689%	4,689%	4,847%	5,059%	5,202%	5,472%	5,613%	6,083%	6,517%
4,045%	4,072%	4,181%	4,324%	4,473%	4,666%	4,890%	5,103%	5,248%	5,390%	5,522%	5,607%	5,654%
4,015%	4,037%	4,145%	4,288%	4,436%	4,628%	4,852%	5,064%	5,208%	5,348%	5,478%	5,562%	5,606%
4,495%	4,495%	4,495%	4,495%	4,495%	4,620%	4,844%	5,092%	5,621%	5,621%	5,621%	5,621%	5,621%
4,558%	4,558%	4,558%	4,558%	4,558%	4,621%	4,845%	5,057%	5,456%	5,498%	5,498%	5,552%	5,595%
6,138%	6,138%	6,138%	6,281%	6,992%	7,046%	7,325%	7,428%	7,522%	7,660%	7,660%	7,829%	8,454%
4,680%	4,680%	4,680%	4,680%	4,680%	4,680%	4,680%	4,680%	5,534%	6,498%	6,674%	6,674%	6,838%
4,426%	4,426%	4,426%	4,426%	4,426%	4,426%	4,524%	5,167%	5,882%	6,566%	6,791%	6,793%	7,045%
4,175%	4,175%	4,175%	4,175%	4,242%	4,411%	4,649%	5,338%	5,531%	5,751%	5,990%	6,283%	6,654%
5,818%	5,818%	6,066%	6,405%	6,711%	6,808%	6,945%	6,945%	7,083%	7,318%	7,318%	7,576%	8,678%
5,976%	5,976%	5,988%	6,248%	6,385%	6,463%	6,592%	6,592%	6,807%	7,047%	7,047%	7,467%	8,279%
4,464%	4,464%	4,464%	4,464%	4,464%	4,464%	4,512%	4,718%	4,909%	5,132%	5,463%	5,806%	6,261%
6,008%	6,008%	6,220%	6,452%	7,345%	7,355%	7,391%	7,391%	7,391%	7,579%	7,579%	7,960%	9,122%
5,296%	5,296%	5,296%	5,553%	5,959%	6,036%	6,200%	6,200%	6,200%	6,214%	6,326%	7,124%	7,989%
4,422%	4,422%	4,422%	4,422%	4,422%	4,427%	4,638%	5,078%	5,078%	5,438%	5,618%	5,905%	6,397%
4,813%	4,813%	4,813%	4,813%	4,896%	4,937%	5,036%	5,212%	5,486%	5,875%	5,995%	6,148%	6,206%
4,627%	4,627%	4,627%	4,627%	4,855%	4,860%	5,209%	5,520%	6,076%	6,548%	6,808%	7,039%	7,224%
4,488%	4,488%	4,488%	4,488%	4,692%	4,698%	5,061%	5,368%	5,857%	6,318%	6,608%	6,843%	7,062%

## HAIRCUTS DEUDA EXTERNA OCTUBRE DE 2021

27	28	29	30	31	32	33	34	35	60	61	62	63
6,094%	6,660%	6,660%	6,660%	6,894%	7,773%	8,584%	9,572%	9,572%	9,572%	9,572%	9,572%	9,572%
6,695%	6,815%	7,468%	8,594%	9,477%	10,172%	12,275%	14,120%	16,000%	16,000%	16,000%	16,000%	16,000%
7,299%	7,299%	7,474%	7,474%	7,525%	7,529%	7,644%	8,189%	8,461%	11,735%	11,788%	11,825%	11,825%
6,674%	6,999%	7,338%	8,487%	9,283%	9,907%	11,669%	13,303%	15,232%	15,232%	15,232%	15,232%	15,232%
5,654%	5,677%	5,677%	5,692%	5,738%	5,809%	5,895%	6,023%	6,218%	7,301%	8,222%	8,775%	8,775%
5,606%	5,623%	6,030%	6,228%	6,506%	7,542%	7,542%	7,561%	7,598%	7,598%	7,598%	7,598%	7,598%
5,621%	5,694%	6,652%	7,016%	7,302%	9,100%	9,100%	9,309%	9,309%	9,309%	9,309%	9,309%	9,309%
5,595%	5,654%	6,602%	6,954%	7,242%	9,032%	9,032%	9,253%	9,253%	9,253%	9,253%	9,253%	9,253%
9,499%	10,113%	10,113%	11,118%	11,118%	11,118%	11,118%	11,583%	11,882%	16,000%	16,000%	16,000%	16,000%
7,037%	7,316%	7,691%	7,948%	8,203%	8,799%	10,492%	11,467%	12,370%	12,370%	12,370%	12,370%	12,370%
7,298%	7,298%	7,382%	8,038%	8,192%	8,908%	10,703%	11,737%	12,781%	12,781%	12,781%	12,781%	12,781%
6,745%	6,923%	7,160%	7,996%	8,311%	9,317%	11,182%	12,459%	13,783%	13,783%	13,783%	13,783%	13,783%
9,581%	10,104%	10,327%	10,439%	10,750%	10,750%	11,518%	11,518%	11,518%	16,000%	16,000%	16,000%	16,000%
9,315%	9,773%	9,861%	9,912%	10,148%	10,191%	10,884%	10,884%	11,290%	16,000%	16,000%	16,000%	16,000%
6,394%	6,510%	6,701%	7,844%	8,439%	9,034%	10,710%	12,170%	13,808%	13,808%	13,808%	13,808%	13,808%
10,171%	10,514%	10,514%	10,514%	10,514%	10,514%	10,514%	11,859%	12,096%	16,000%	16,000%	16,000%	16,000%
8,779%	9,335%	9,335%	9,335%	9,335%	9,335%	9,534%	10,763%	10,934%	13,896%	14,006%	14,006%	14,006%
6,882%	7,109%	7,388%	8,657%	9,058%	9,918%	11,880%	13,429%	15,124%	15,124%	15,124%	15,124%	15,124%
7,129%	7,401%	7,516%	7,516%	7,840%	9,377%	10,074%	11,008%	12,088%	12,088%	12,088%	12,088%	12,088%
7,758%	8,062%	8,102%	8,411%	8,719%	9,754%	11,325%	12,505%	13,565%	13,565%	13,565%	13,565%	13,565%
7,561%	7,856%	7,902%	8,334%	8,668%	9,719%	11,341%	12,570%	13,675%	13,675%	13,675%	13,675%	13,675%

## HAIRCUTS DEUDA EXTERNA OCTUBRE DE 2021

90	91	92	93
9,572%	9,572%	9,572%	9,572%
16,000%	16,000%	16,000%	16,000%
16,000%	16,000%	16,000%	16,000%
15,232%	15,232%	15,232%	15,232%
8,775%	8,775%	8,775%	8,775%
7,598%	7,598%	7,598%	7,598%
9,309%	9,309%	9,309%	9,309%
9,253%	9,253%	9,253%	9,253%
16,000%	16,000%	16,000%	16,000%
12,370%	12,370%	12,370%	12,370%
12,781%	12,781%	12,781%	12,781%
13,783%	13,783%	13,783%	13,783%
16,000%	16,000%	16,000%	16,000%
16,000%	16,000%	16,000%	16,000%
13,808%	13,808%	13,808%	13,808%
16,000%	16,000%	16,000%	16,000%
14,006%	14,006%	14,006%	14,006%
15,124%	15,124%	15,124%	15,124%
12,088%	12,088%	12,088%	12,088%
13,565%	13,565%	13,565%	13,565%
13,675%	13,675%	13,675%	13,675%