HAIRCUTS DEUDA EXTERNA NOVIEMBRE DE 2021

NOMBRE_BBRG	MARKET_ISSUE	calcTypDes	denominacion	mtyTyp	fecha_emision	fecha_vencimiento	1
XS1385239006	GLOBAL	STREET CONVENTION	EUR	AT MATURITY	24/02/1997	22/03/2026	3,000%
XS0833886095	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/01/2003	21/03/2023	3,000%
XS0306322065	GLOBAL	STREET CONVENTION	COP	AT MATURITY	28/06/2007	28/06/2027	3,000%
USP3772NHK11	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/01/2003	15/03/2023	3,000%
US195325DX04	GLOBAL	STREET CONVENTION	USD	AT MATURITY	22/01/2021	15/02/2061	3,000%
US195325DT91	GLOBAL	STREET CONVENTION	USD	AT MATURITY	4/06/2020	15/05/2051	3,000%
US195325DS19	GLOBAL	STREET CONVENTION	USD	AT MATURITY	4/06/2020	15/04/2031	3,000%
US195325DR36	GLOBAL	STREET CONVENTION	USD	AT MATURITY	30/01/2020	30/01/2030	3,000%
US195325DQ52	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/01/2019	15/05/2049	3,000%
US195325DP79	GLOBAL	STREET CONVENTION	USD	AT MATURITY	12/10/2018	15/03/2029	3,000%
US195325DL65	GLOBAL	STREET CONVENTION	USD	AT MATURITY	25/01/2017	25/04/2027	3,000%
US195325CX13	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/09/2015	28/01/2026	3,000%
US195325CU73	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/01/2015	15/06/2045	3,000%
US195325BR53	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/01/2003	26/02/2044	3,000%
US195325BQ70	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/01/2003	26/02/2024	3,000%
US195325BM66	GLOBAL	STREET CONVENTION	USD	AT MATURITY	20/10/2009	18/01/2041	3,000%
US195325BK01	GLOBAL	STREET CONVENTION	USD	AT MATURITY	19/09/2006	18/09/2037	3,000%
US195325BD67	GLOBAL	STREET CONVENTION	USD	AT MATURITY	21/01/2004	21/05/2024	3,000%
US195325BB02	GLOBAL	STREET CONVENTION	USD	AT MATURITY	28/01/2003	28/01/2033	3,000%
US195325AQ89	GLOBAL	STREET CONVENTION	USD	AT MATURITY	17/03/2000	9/03/2028	3,000%
US195325AL92	GLOBAL	STREET CONVENTION	USD	AT MATURITY	24/02/1997	15/02/2027	3,000%

HAIRCUTS DEUDA EXTERNA NOVIEMBRE DE 2021

2	3	4	5	6	7	8	9	10	11	12	13	14	15
3,000%	3,616%	4,693%	4,953%	5,239%	6,172%	7,001%	8,016%	10,473%	10,473%	10,473%	10,473%	10,473%	10,473%
3,000%	3,000%	3,001%	3,055%	3,106%	3,186%	3,732%	4,248%	5,347%	5,347%	5,347%	5,347%	5,347%	5,347%
3,000%	3,000%	3,000%	3,000%	3,000%	3,000%	3,000%	3,194%	3,317%	3,394%	3,422%	3,596%	3,717%	3,717%
3,000%	3,000%	3,102%	3,179%	3,216%	3,359%	3,861%	4,260%	5,366%	5,366%	5,378%	5,378%	5,378%	5,378%
3,000%	3,000%	3,000%	3,000%	3,001%	3,170%	3,352%	4,165%	4,432%	4,532%	4,614%	4,724%	4,797%	4,975%
3,000%	3,000%	3,000%	3,000%	3,038%	3,205%	4,070%	4,270%	4,539%	4,792%	4,962%	5,158%	5,309%	5,529%
3,000%	3,000%	3,272%	3,290%	3,505%	3,692%	3,692%	3,692%	3,721%	3,751%	4,061%	4,082%	4,150%	4,385%
3,000%	3,000%	3,288%	3,307%	3,535%	3,753%	3,753%	3,753%	3,753%	3,753%	3,769%	3,793%	3,872%	4,067%
3,000%	3,299%	3,656%	4,296%	4,742%	5,402%	6,080%	6,430%	6,943%	7,837%	8,581%	9,072%	9,359%	9,924%
3,000%	3,000%	3,073%	3,342%	3,534%	3,534%	3,617%	3,778%	3,937%	4,202%	4,448%	4,752%	4,804%	4,916%
3,000%	3,000%	3,043%	3,201%	3,248%	3,388%	3,433%	3,514%	3,684%	3,851%	3,957%	4,237%	4,330%	4,330%
3,000%	3,000%	3,000%	3,155%	3,155%	3,155%	3,211%	3,621%	4,059%	4,059%	4,194%	4,194%	4,194%	4,194%
3,000%	3,607%	3,773%	4,587%	4,991%	5,300%	5,931%	6,530%	6,850%	7,665%	8,228%	8,496%	9,357%	9,966%
3,000%	3,721%	3,943%	4,736%	5,326%	5,560%	5,965%	6,365%	7,085%	7,891%	8,185%	8,705%	9,467%	9,799%
3,000%	3,000%	3,075%	3,183%	3,191%	3,381%	3,517%	3,941%	4,688%	4,688%	4,873%	4,873%	4,873%	4,873%
3,000%	3,478%	4,154%	4,637%	5,321%	5,599%	5,831%	6,119%	6,972%	7,315%	7,797%	8,352%	8,782%	9,103%
3,000%	3,000%	3,584%	3,809%	4,558%	4,826%	5,075%	5,120%	5,956%	6,308%	7,033%	7,443%	7,776%	8,159%
3,000%	3,000%	3,000%	3,145%	3,234%	3,282%	3,440%	3,830%	4,575%	4,575%	4,832%	4,832%	4,832%	4,832%
3,000%	3,000%	3,000%	3,129%	3,471%	3,546%	3,565%	3,839%	4,198%	4,377%	4,860%	4,978%	5,148%	5,371%
3,000%	3,000%	3,451%	3,540%	3,722%	3,888%	3,912%	4,089%	4,402%	4,867%	5,042%	5,564%	5,779%	5,971%
3,000%	3,000%	3,400%	3,458%	3,648%	3,763%	3,817%	3,984%	4,351%	4,630%	5,032%	5,315%	5,449%	5,618%

HAIRCUTS DEUDA EXTERNA NOVIEMBRE DE 2021

16	17	18	19	20	21	22	23	24	25	26	27	28	29
10,473%	10,473%	10,473%	10,473%	10,473%	10,473%	10,473%	10,473%	10,473%	10,473%	10,473%	10,473%	10,473%	10,473%
5,347%	5,347%	5,347%	5,347%	5,347%	5,347%	5,347%	5,410%	5,424%	5,482%	5,659%	5,670%	5,785%	5,861%
3,760%	3,760%	3,968%	4,003%	4,082%	4,612%	4,978%	5,356%	5,581%	5,588%	5,709%	5,819%	5,870%	5,938%
5,378%	5,378%	5,378%	5,378%	5,378%	5,378%	5,378%	5,378%	5,378%	5,378%	5,378%	5,378%	5,378%	5,378%
5,035%	5,433%	5,510%	5,543%	5,543%	5,543%	5,543%	5,543%	5,543%	5,543%	5,543%	5,543%	5,543%	5,543%
5,678%	6,051%	6,240%	6,360%	6,360%	6,360%	6,360%	6,360%	6,360%	6,360%	6,360%	6,360%	6,360%	6,360%
4,528%	4,658%	4,703%	4,783%	4,783%	4,783%	4,783%	4,845%	4,845%	4,845%	4,845%	4,845%	4,845%	4,845%
4,276%	4,339%	4,351%	4,508%	4,508%	4,508%	4,741%	4,741%	4,741%	4,741%	4,741%	4,741%	4,741%	4,741%
10,352%	10,579%	10,797%	10,910%	10,910%	10,910%	10,910%	10,910%	10,910%	10,910%	10,910%	10,910%	11,145%	11,855%
5,115%	5,271%	5,447%	5,679%	5,679%	5,728%	5,868%	5,868%	5,868%	5,868%	5,868%	5,868%	5,868%	5,868%
4,402%	4,521%	4,777%	4,935%	5,044%	5,044%	5,139%	5,139%	5,139%	5,139%	5,139%	5,139%	5,372%	5,460%
4,194%	4,194%	4,472%	4,748%	4,850%	4,916%	4,937%	4,968%	5,011%	5,011%	5,011%	5,011%	5,011%	5,109%
10,060%	10,331%	10,438%	10,557%	10,557%	10,557%	10,557%	10,557%	10,557%	10,557%	10,557%	10,557%	10,557%	11,064%
10,021%	10,266%	10,325%	10,450%	10,450%	10,450%	10,450%	10,450%	10,450%	10,450%	10,450%	10,450%	10,450%	10,801%
4,873%	4,873%	4,873%	4,873%	4,873%	4,873%	4,873%	4,930%	4,930%	4,930%	4,930%	4,930%	4,930%	4,952%
9,336%	9,557%	9,774%	10,887%	11,157%	11,157%	11,157%	11,157%	11,157%	11,157%	11,157%	11,157%	11,157%	11,157%
8,419%	8,747%	9,124%	9,412%	9,723%	9,723%	9,723%	9,723%	9,723%	9,723%	9,723%	9,723%	9,723%	9,723%
4,832%	4,832%	4,832%	4,832%	4,832%	4,832%	4,850%	4,953%	4,953%	4,953%	4,953%	4,953%	5,013%	5,074%
5,647%	5,948%	5,976%	6,472%	6,527%	6,527%	6,527%	6,527%	6,527%	6,527%	6,527%	6,527%	6,527%	6,527%
6,208%	6,467%	6,589%	6,849%	6,872%	6,872%	6,872%	6,872%	6,872%	6,872%	6,872%	6,872%	6,872%	6,872%
5,835%	6,018%	6,216%	6,418%	6,473%	6,495%	6,495%	6,495%	6,495%	6,495%	6,495%	6,495%	6,495%	6,495%

HAIRCUTS DEUDA EXTERNA NOVIEMBRE DE 2021

30	31	32	33	34	35	60	61	62	63	90	91	92	93
10,473%	10,473%	10,473%	10,473%	10,473%	10,473%	10,473%	10,473%	10,473%	11,194%	13,229%	13,229%	13,229%	13,229%
5,949%	5,949%	6,331%	6,613%	6,883%	6,929%	7,936%	8,028%	8,153%	8,265%	8,265%	8,265%	8,265%	8,265%
6,151%	6,348%	6,563%	6,921%	7,020%	7,203%	10,286%	10,286%	10,286%	10,286%	16,000%	16,000%	16,000%	16,000%
5,694%	5,694%	6,086%	6,269%	6,683%	6,731%	7,103%	7,198%	7,326%	7,440%	7,440%	7,440%	7,440%	7,440%
5,543%	5,543%	5,543%	5,543%	5,543%	5,543%	12,749%	13,222%	13,691%	14,293%	14,293%	14,293%	14,293%	14,293%
6,360%	6,360%	6,360%	6,360%	6,360%	6,360%	11,735%	12,015%	12,015%	12,158%	12,158%	12,158%	12,158%	12,158%
4,845%	4,845%	4,845%	4,845%	4,845%	4,845%	8,468%	8,814%	9,352%	9,909%	9,909%	9,909%	9,909%	9,909%
4,741%	4,741%	4,741%	4,741%	4,741%	4,741%	7,843%	8,206%	8,671%	9,129%	9,129%	9,129%	9,129%	9,129%
12,402%	12,583%	13,264%	13,921%	14,116%	14,163%	14,163%	14,163%	14,163%	15,284%	16,000%	16,000%	16,000%	16,000%
5,868%	5,868%	5,892%	5,892%	5,897%	5,996%	9,263%	9,618%	9,894%	10,480%	10,480%	10,480%	10,480%	10,480%
5,695%	5,789%	6,229%	6,229%	6,229%	6,229%	8,250%	8,355%	8,491%	8,728%	9,174%	9,174%	9,174%	9,174%
5,371%	5,394%	5,890%	6,071%	6,189%	6,196%	7,786%	7,887%	8,016%	8,131%	8,131%	8,131%	8,131%	8,131%
12,051%	12,051%	12,638%	13,224%	13,670%	13,683%	13,683%	13,683%	13,683%	14,465%	14,732%	14,754%	15,245%	15,245%
11,374%	11,812%	12,292%	12,386%	12,563%	12,723%	13,456%	13,456%	13,456%	14,362%	14,739%	14,739%	15,179%	15,179%
5,284%	5,284%	5,634%	5,868%	6,200%	6,230%	6,697%	6,783%	6,903%	7,007%	7,007%	7,007%	7,007%	7,007%
11,157%	11,157%	11,157%	11,157%	11,157%	11,157%	12,906%	13,373%	14,015%	14,739%	14,805%	14,805%	14,805%	14,805%
9,723%	9,723%	9,723%	9,723%	9,723%	9,723%	11,853%	12,186%	12,490%	13,210%	15,154%	15,154%	15,154%	15,154%
5,680%	5,680%	6,059%	6,222%	6,535%	6,611%	7,013%	7,110%	7,240%	7,452%	8,191%	8,191%	8,191%	8,191%
6,527%	6,527%	6,527%	6,527%	6,527%	6,527%	8,449%	8,562%	8,709%	8,828%	8,992%	8,992%	8,992%	8,992%
6,872%	6,872%	6,872%	6,872%	6,872%	6,872%	8,736%	9,094%	9,494%	10,102%	10,883%	10,883%	10,883%	10,883%
6,495%	6,495%	6,495%	6,495%	6,495%	6,495%	8,575%	8,683%	8,825%	9,134%	9,431%	9,431%	9,431%	9,431%