

HAIRCUTS DEUDA EXTERNA JUNIO DE 2022

| NOMBRE_BBRG | MARKET_ISSUE | calcTypDes | denominacion | mtyTyp | fecha_emision | fecha_vencimiento | 1 | 2 | 3 | 4 |
|--------------|--------------|-------------------|--------------|-------------|---------------|-------------------|---------|---------|---------|---------|
| XS1385239006 | GLOBAL | STREET CONVENTION | EUR | AT MATURITY | 24/02/1997 | 22/03/2026 | 3,369% | 3,745% | 3,797% | 4,821% |
| XS0833886095 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 28/01/2003 | 21/03/2023 | 3,000% | 3,453% | 4,180% | 4,526% |
| 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% | 3,421% | 3,950% | 4,469% |
| US195325DZ51 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 12/11/2021 | 22/04/2032 | 3,000% | 3,000% | 3,483% | 4,021% |
| US195325DX04 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 22/01/2021 | 15/02/2061 | 16,000% | 16,000% | 16,000% | 16,000% |
| US195325DT91 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 4/06/2020 | 15/05/2051 | 16,000% | 16,000% | 16,000% | 16,000% |
| US195325DS19 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 4/06/2020 | 15/04/2031 | 14,462% | 16,000% | 16,000% | 16,000% |
| US195325DR36 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 30/01/2020 | 30/01/2030 | 13,170% | 16,000% | 16,000% | 16,000% |
| US195325DQ52 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 28/01/2019 | 15/05/2049 | 4,369% | 5,562% | 6,181% | 7,288% |
| US195325DP79 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 12/10/2018 | 15/03/2029 | 3,000% | 3,760% | 3,915% | 4,828% |
| US195325DL65 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 25/01/2017 | 25/04/2027 | 3,000% | 3,635% | 4,199% | 4,893% |
| US195325CX13 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 28/09/2015 | 28/01/2026 | 3,000% | 3,458% | 3,767% | 4,354% |
| US195325CU73 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 28/01/2015 | 15/06/2045 | 3,907% | 5,112% | 6,547% | 6,784% |
| US195325BR53 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 28/01/2003 | 26/02/2044 | 3,666% | 4,854% | 6,072% | 6,385% |
| US195325BQ70 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 28/01/2003 | 26/02/2024 | 3,000% | 3,447% | 3,853% | 4,485% |
| US195325BM66 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 20/10/2009 | 18/01/2041 | 3,375% | 4,408% | 5,659% | 6,162% |
| US195325BK01 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 19/09/2006 | 18/09/2037 | 3,000% | 3,800% | 4,890% | 5,751% |
| US195325BD67 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 21/01/2004 | 21/05/2024 | 3,000% | 3,468% | 3,893% | 4,561% |
| US195325BB02 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 28/01/2003 | 28/01/2033 | 3,590% | 3,739% | 3,809% | 4,069% |
| US195325AQ89 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 17/03/2000 | 9/03/2028 | 3,000% | 3,353% | 3,912% | 4,538% |
| US195325AL92 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 24/02/1997 | 15/02/2027 | 3,000% | 3,346% | 3,874% | 4,419% |

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| 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 60 | 61 | 62 |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 12,421% | 12,421% | 12,421% | 12,511% | 12,511% | 12,886% | 13,093% | 13,402% | 13,933% | 14,394% | 14,394% | 14,394% | 14,476% | 14,476% | 16,000% | 16,000% | 16,000% |
| 8,204% | 8,204% | 8,204% | 8,204% | 8,204% | 8,204% | 8,204% | 8,585% | 9,087% | 9,442% | 9,867% | 10,344% | 10,474% | 10,474% | 10,474% | 10,474% | 10,474% |
| 8,375% | 8,450% | 8,908% | 9,002% | 9,629% | 9,766% | 9,936% | 10,240% | 11,040% | 11,168% | 11,168% | 11,168% | 11,884% | 12,358% | 12,358% | 12,358% | 12,358% |
| 9,235% | 9,235% | 9,235% | 9,235% | 9,235% | 9,235% | 9,235% | 9,235% | 9,412% | 9,814% | 10,428% | 11,274% | 11,348% | 11,348% | 11,348% | 11,348% | 11,348% |
| 10,072% | 10,072% | 10,072% | 10,072% | 10,436% | 11,658% | 13,077% | 14,058% | 15,703% | 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% | 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% | 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% | 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% | 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% | 16,000% |
| 11,049% | 11,403% | 11,595% | 12,565% | 12,565% | 12,565% | 12,565% | 13,108% | 13,893% | 15,232% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% |
| 7,904% | 7,904% | 7,904% | 7,904% | 7,904% | 7,904% | 7,904% | 8,045% | 8,415% | 8,917% | 9,455% | 9,667% | 10,156% | 10,349% | 12,483% | 12,635% | 13,174% |
| 7,714% | 7,714% | 7,714% | 7,714% | 7,714% | 7,714% | 7,714% | 7,714% | 7,714% | 7,714% | 7,714% | 7,714% | 7,840% | 7,999% | 8,376% | 9,580% | 9,810% |
| 7,395% | 7,395% | 7,395% | 7,395% | 7,395% | 7,395% | 7,395% | 7,395% | 7,395% | 7,607% | 8,269% | 8,276% | 8,367% | 8,754% | 8,944% | 8,944% | 9,379% |
| 10,964% | 11,410% | 12,159% | 12,828% | 12,855% | 12,855% | 12,855% | 13,435% | 14,200% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% |
| 10,543% | 11,028% | 11,362% | 11,717% | 11,788% | 11,788% | 11,788% | 12,332% | 13,502% | 15,041% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% |
| 8,421% | 8,421% | 8,421% | 8,421% | 8,421% | 8,421% | 8,421% | 8,421% | 9,110% | 9,613% | 10,064% | 11,047% | 11,105% | 11,105% | 11,105% | 11,105% | 11,105% |
| 10,418% | 10,418% | 10,418% | 10,610% | 10,610% | 10,610% | 10,610% | 11,358% | 12,902% | 14,015% | 14,878% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% |
| 12,118% | 12,118% | 12,118% | 12,118% | 12,118% | 12,118% | 12,860% | 14,016% | 15,995% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% |
| 8,378% | 8,378% | 8,378% | 8,378% | 8,378% | 8,378% | 8,378% | 8,378% | 8,497% | 9,000% | 9,538% | 10,270% | 10,444% | 10,444% | 10,444% | 10,444% | 10,444% |
| 10,833% | 10,833% | 10,833% | 10,833% | 10,833% | 10,833% | 10,833% | 10,833% | 10,833% | 11,185% | 11,185% | 11,185% | 11,185% | 11,378% | 14,134% | 14,134% | 14,490% |
| 8,719% | 8,719% | 8,719% | 8,719% | 8,719% | 8,719% | 8,719% | 8,719% | 8,719% | 8,719% | 8,741% | 9,080% | 9,481% | 9,533% | 10,777% | 11,501% | 11,501% |
| 8,504% | 8,504% | 8,504% | 8,504% | 8,504% | 8,504% | 8,504% | 8,504% | 8,504% | 8,504% | 8,504% | 8,504% | 8,568% | 8,695% | 9,414% | 10,113% | 10,113% |

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| 63 | 90 | 91 | 92 | 93 |
|---------|---------|---------|---------|---------|
| 16,000% | 16,000% | 16,000% | 16,000% | 16,000% |
| 10,474% | 10,474% | 10,474% | 10,474% | 10,474% |
| 12,358% | 16,000% | 16,000% | 16,000% | 16,000% |
| 11,348% | 11,348% | 11,348% | 11,348% | 11,348% |
| 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% |
| 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% |
| 16,000% | 16,000% | 16,000% | 16,000% | 16,000% |
| 13,174% | 14,787% | 15,686% | 16,000% | 16,000% |
| 10,437% | 12,207% | 13,235% | 13,880% | 14,664% |
| 9,379% | 12,957% | 14,214% | 14,781% | 14,781% |
| 16,000% | 16,000% | 16,000% | 16,000% | 16,000% |
| 16,000% | 16,000% | 16,000% | 16,000% | 16,000% |
| 11,105% | 11,105% | 11,105% | 11,105% | 11,105% |
| 16,000% | 16,000% | 16,000% | 16,000% | 16,000% |
| 16,000% | 16,000% | 16,000% | 16,000% | 16,000% |
| 10,444% | 11,577% | 12,517% | 13,184% | 13,184% |
| 14,490% | 14,490% | 14,490% | 14,490% | 15,015% |
| 11,501% | 11,501% | 11,501% | 12,116% | 12,873% |
| 10,113% | 10,113% | 10,113% | 10,625% | 11,250% |