

HAIRCUTS DEUDA EXTERNA JUNIO 2020

| 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 | 3,054% | 3,860% | 4,694% | 5,433% |
| XS0833886095 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 28/01/2003 | 21/03/2023 | 3,000% | 3,961% | 4,560% | 5,125% |
| 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 | 4,402% | 7,920% | 16,000% | 16,000% |
| USP3772NHK11 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 28/01/2003 | 15/03/2023 | 3,000% | 3,000% | 3,836% | 5,135% |
| US195325DQ52 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 28/01/2019 | 15/05/2049 | 6,624% | 11,705% | 15,025% | 15,669% |
| US195325DP79 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 12/10/2018 | 15/03/2029 | 3,000% | 4,509% | 5,873% | 6,396% |
| US195325DL65 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 25/01/2017 | 25/04/2027 | 3,000% | 3,705% | 4,406% | 4,822% |
| US195325CX13 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 28/09/2015 | 28/01/2026 | 3,000% | 3,493% | 4,037% | 4,205% |
| US195325CU73 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 28/01/2015 | 15/06/2045 | 5,679% | 9,608% | 14,306% | 15,437% |
| US195325BR53 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 28/01/2003 | 26/02/2044 | 5,035% | 10,250% | 13,342% | 13,680% |
| US195325BQ70 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 28/01/2003 | 26/02/2024 | 3,000% | 3,000% | 3,793% | 4,520% |
| US195325BN40 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 07/12/2011 | 12/07/2021 | 3,000% | 3,706% | 4,487% | 6,321% |
| US195325BM66 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 20/10/2009 | 18/01/2041 | 5,058% | 8,173% | 13,009% | 13,521% |
| US195325BK01 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 19/09/2006 | 18/09/2037 | 4,744% | 7,831% | 10,400% | 10,400% |
| US195325BD67 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 21/01/2004 | 21/05/2024 | 3,000% | 3,940% | 6,145% | 6,456% |
| US195325BB02 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 28/01/2003 | 28/01/2033 | 4,764% | 6,488% | 7,499% | 8,778% |
| US195325AQ89 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 17/03/2000 | 09/03/2028 | 3,000% | 3,456% | 5,030% | 6,103% |
| US195325AL92 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 24/02/1997 | 15/02/2027 | 3,000% | 3,322% | 4,084% | 5,137% |

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| 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 60 | 61 | 62 |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 11,604% | 11,604% | 11,604% | 11,604% | 12,647% | 13,629% | 14,512% | 14,658% | 14,791% | 14,807% | 15,721% | 15,721% | 15,919% | 15,919% | 15,919% | 15,919% | 15,919% |
| 9,782% | 10,066% | 10,231% | 10,569% | 10,896% | 11,233% | 11,569% | 11,854% | 12,039% | 12,527% | 12,660% | 12,856% | 12,856% | 12,856% | 16,000% | 16,000% | 16,000% |
| 8,553% | 8,553% | 8,553% | 8,553% | 8,939% | 9,339% | 10,079% | 10,798% | 11,583% | 12,640% | 12,779% | 13,279% | 13,698% | 13,698% | 14,530% | 14,918% | 15,153% |
| 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% |
| 8,419% | 8,718% | 8,933% | 9,258% | 9,556% | 9,872% | 10,176% | 10,469% | 10,622% | 10,787% | 10,935% | 11,071% | 11,149% | 11,478% | 15,889% | 15,937% | 15,949% |
| 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% |
| 12,705% | 12,705% | 12,705% | 12,705% | 12,705% | 12,705% | 12,705% | 12,705% | 12,705% | 12,705% | 12,705% | 12,705% | 12,705% | 12,705% | 12,705% | 12,705% | 12,705% |
| 8,184% | 8,184% | 8,184% | 8,184% | 8,184% | 8,184% | 8,184% | 8,184% | 8,184% | 8,184% | 8,184% | 8,184% | 8,184% | 8,184% | 9,639% | 9,728% | 9,885% |
| 6,064% | 6,064% | 6,064% | 6,266% | 6,515% | 6,730% | 6,943% | 7,179% | 7,293% | 7,392% | 7,461% | 7,525% | 7,525% | 7,525% | 9,972% | 10,053% | 10,182% |
| 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% |
| 7,254% | 7,495% | 7,647% | 7,947% | 8,226% | 8,531% | 8,822% | 9,107% | 9,282% | 9,541% | 9,604% | 9,740% | 9,834% | 10,359% | 13,980% | 14,031% | 14,077% |
| 12,011% | 12,047% | 12,302% | 12,672% | 13,026% | 13,379% | 13,710% | 14,392% | 14,633% | 15,319% | 15,495% | 15,590% | 15,702% | 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% |
| 8,899% | 8,899% | 8,899% | 8,899% | 8,899% | 8,899% | 8,899% | 8,899% | 8,899% | 8,899% | 8,899% | 8,899% | 8,899% | 8,899% | 9,017% | 11,631% | 11,683% |
| 10,808% | 10,808% | 10,962% | 11,355% | 11,406% | 11,575% | 12,800% | 12,800% | 12,800% | 12,800% | 12,800% | 12,800% | 12,800% | 12,800% | 14,549% | 14,641% | 14,782% |
| 9,754% | 9,754% | 9,754% | 9,754% | 9,754% | 9,754% | 9,754% | 9,754% | 9,754% | 9,754% | 9,754% | 9,754% | 9,754% | 9,754% | 11,685% | 11,744% | 11,809% |
| 7,079% | 7,079% | 7,170% | 7,501% | 7,810% | 8,137% | 8,448% | 8,720% | 8,886% | 9,038% | 9,136% | 9,202% | 9,202% | 9,202% | 12,031% | 12,077% | 12,122% |

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| 63 | 90 | 91 | 92 | 93 |
|---------|---------|---------|---------|---------|
| 15,919% | 15,919% | 15,919% | 15,919% | 15,919% |
| 16,000% | 16,000% | 16,000% | 16,000% | 16,000% |
| 15,663% | 15,663% | 15,663% | 15,663% | 15,663% |
| 16,000% | 16,000% | 16,000% | 16,000% | 16,000% |
| 15,949% | 15,949% | 15,949% | 15,949% | 15,949% |
| 16,000% | 16,000% | 16,000% | 16,000% | 16,000% |
| 12,705% | 12,705% | 12,751% | 13,194% | 13,194% |
| 9,918% | 12,260% | 12,442% | 13,002% | 13,002% |
| 10,188% | 12,003% | 12,160% | 12,188% | 12,188% |
| 16,000% | 16,000% | 16,000% | 16,000% | 16,000% |
| 16,000% | 16,000% | 16,000% | 16,000% | 16,000% |
| 14,077% | 14,077% | 14,077% | 14,077% | 14,077% |
| 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% |
| 11,754% | 13,575% | 13,575% | 13,575% | 13,575% |
| 14,897% | 14,897% | 14,897% | 14,897% | 14,897% |
| 11,916% | 14,600% | 14,855% | 15,077% | 15,077% |
| 12,218% | 12,218% | 12,218% | 12,218% | 12,218% |