



Top-traded corporate bonds in November 2018 (by volume)

<u>ICE Data Services</u> sources publicly available data sets from trade repositories and procures information from non-public sources of market colour and transactional data across global markets. Additionally, market colour, bid lists, dealer runs, and other transactional data is received from their global network of clients on the buyside and sell-side.

While the rankings are based on traded volumes, the right-hand column (of below tables) indicates the relative volume of each bond expressed as a percentage of the most actively traded bond's volume (100%).

| Rank | EUR Financial Issuer | Coupon and Maturity | ISIN | Relative volume |
|------|----------------------|-------------------------|--------------|-----------------|
| 1 | KREDITANST FUR WIE | 0.625% GTD SNR 04/07/22 | DE000A11QTG5 | 100% |
| 2 | KREDITANST FUR WIE | 0.125% GTD 07/11/23 | DE000A2LQSJ0 | 36% |
| 3 | KREDITANST FUR WIE | 0.75% GTD 28/06/28 | DE000A2LQSH4 | 24% |
| 4 | CAISSE FRANCAISE | 1% SNR SEC 25/04/28 | FR0013330693 | 21% |
| 5 | KREDITANST FUR WIE | 0.625% GTD SNR 07/01/28 | DE000A2GSNR0 | 20% |
| 6 | KREDITANST FUR WIE | 0.25% GTD 15/09/25 | DE000A2LQH10 | 20% |
| 7 | KREDITANST FUR WIE | 0.625% GTD SNR 22/02/27 | DE000A2DAR65 | 16% |
| 8 | GOLDMAN SACHS GRP | 2% SNR 01/11/28 | XS1861206636 | 13% |
| 9 | ING BANK NV | 3.5%-STP SUB 21/11/23 | XS0995102695 | 13% |
| 10 | GE CAP EU FDG UNLI | 5.375% GTD SNR 23/01/20 | XS0453908377 | 13% |

Source: ICE Data Services

| Rank | GBP Financial Issuer | Coupon and Maturity | ISIN | Relative volume |
|------|----------------------|-------------------------|--------------|-----------------|
| 1 | WILLOW NO 2 IE PLC | IDX/LKD-0% 21/07/28 | XS1535004011 | 100% |
| 2 | KAUPTHING BANK HF | 0% CNV SNR 18/01/31 | XS1346263137 | 37% |
| 3 | KREDITANST FUR WIE | 0.375% SNR 15/12/20 | XS1682440026 | 34% |
| 4 | GOSFORTH FDG 17-1 | MTG BKD FRN 19/12/59 | XS1679333945 | 32% |
| 5 | KREDITANST FUR WIE | 1.375% GTD SNR 01/02/21 | XS1346200055 | 31% |
| 6 | KREDITANST FUR WIE | 5.55% GTD SNR 07/06/21 | XS0138036412 | 16% |
| 7 | GE CAP UK FDG UNLI | 5.875% GTD SNR 04/11/20 | XS0463588052 | 11% |
| 8 | GOLDMAN SACHS GRP | 3.125% SNR 25/07/29 | XS1859424902 | 10% |
| 9 | SWEDBANK FORENINGS | 1.625% SNR MTN 28/12/22 | XS1844104437 | 9% |
| 10 | KREDITANST FUR WIE | 0.875% SNR 15/03/22 | XS1548459178 | 9% |

Source: ICE Data Services

| Rank | EUR Non-Financial Issuer | Coupon and Maturity | ISIN | Relative volume |
|------|--------------------------|-------------------------|--------------|-----------------|
| 1 | TELECOM ITALIA(SA) | 7.75% GTD SNR 24/01/33 | XS0161100515 | 100% |
| 2 | GEN ELEC CO | 0.375% SNR 17/05/22 | XS1612542669 | 92% |
| 3 | GEN ELEC CO | 2.125% SNR 17/05/37 | XS1612543394 | 89% |
| 4 | VERIZON COMMUN | 2.875% SNR 15/01/38 | XS1708335978 | 71% |
| 5 | GEN ELEC CO | 0.875% SNR 17/05/25 | XS1612542826 | 67% |
| 6 | AXA | 3.25%-FRN SUB 28/05/49 | XS1799611642 | 64% |
| 7 | TOTAL CAPITAL INTL | 1.023% GTD SNR 04/03/27 | XS1874122770 | 62% |
| 8 | NETFLIX INC | 4.625% SNR 15/05/29 | XS1900562288 | 62% |
| 9 | GEN ELEC CO | 1.25% 26/05/23 | XS1238901166 | 55% |
| 10 | VOLKSWAGEN INTL | 4.125% GTD SNR 16/11/38 | XS1910948675 | 55% |

Source: ICE Data Services

| Rank | GBP Non-Financial Issuer | Coupon and Maturity | ISIN | Relative volume |
|------|--------------------------|-------------------------|--------------|-----------------|
| 1 | TOWD POINT MTG16 A | FRN A/BKD 04/45 | XS1315173606 | 100% |
| 2 | VODAFONE GROUP | 4.875%-FRN SUB 03/10/78 | XS1888180996 | 77% |
| 3 | PIZZAEXPRESS FIN 1 | 6.625% GTD 01/08/21 | XS1028948120 | 60% |
| 4 | NEW LOOK SECURED I | 6.5% GTD 01/07/22 | XS1248516616 | 53% |
| 5 | VERIZON COMMUN | 3.375% SNR 27/10/36 | XS1708168890 | 49% |
| 6 | CPUK FINANCE LTD | 7.239%-VAR 28/02/42 | XS0749350798 | 48% |
| 7 | ANHEUSER-BUSCH INB | 2.85% GTD SNR 25/05/37 | BE6295395956 | 42% |
| 8 | SGSP (AUS) ASSETS | 5.125% GTD SNR 11/02/21 | XS0589885960 | 35% |
| 9 | VODAFONE GROUP | 3.375% SNR 08/08/49 | XS1468494239 | 34% |
| 10 | DAIMLER INTL FIN | 2% GTD SNR 04/09/23 | XS1873124009 | 33% |

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