



Top-traded corporate bonds in December 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	0.125% GTD 07/11/23	DE000A2LQSJ0	100%
2	KREDITANST FUR WIE	0.75% GTD 28/06/28	DE000A2LQSH4	51%
3	CREDIT SUISSE EURO	0% MTN 31/07/24	XS1843406072	44%
4	CAISSE FRANCAISE	0.375% SNR SEC 11/05/24	FR0013255858	34%
5	KREDITANST FUR WIE	0.625% GTD SNR 07/01/28	DE000A2GSNR0	28%
6	KREDITANST FUR WIE	0.625% GTD SNR 22/02/27	DE000A2DAR65	27%
7	ING GROEP N.V.	2.5% SNR 15/11/30	XS1909186451	23%
8	SVENSKA HANDELSBKN	2.656%-FRN SUB 15/01/24	XS1014674227	23%
9	KREDITANST FUR WIE	0.5% SNR 15/09/27	DE000A2GSFA2	21%
10	UNICREDIT SPA	1% EMTN 18/01/23	XS1754213947	21%

Source: ICE Data Services

Rank	GBP Financial Issuer	Coupon and Maturity	ISIN	Relative volume
1	KREDITANST FUR WIE	1.375% GTD SNR 01/02/21	XS1346200055	100%
2	WILLOW NO 2 IE PLC	IDX/LKD-0% 21/07/28	XS1535005331	72%
3	KREDITANST FUR WIE	0.875% SNR 15/03/22	XS1548459178	39%
4	VOLCAN HOLDINGS IN	4.125% ELN 11/04/20	XS1584128968	33%
5	KREDITANST FUR WIE	0.375% SNR 15/12/20	XS1682440026	31%
6	HONOURS	FRN A/BKD 04/29	XS0273149962	27%
7	NATIONWIDE B/S	FRN GTD SNR SEC 04/23	XS1806359714	26%
8	KREDITANST FUR WIE	1.25% SNR 29/12/23	XS1850250710	25%
9	LLOYDS BANK PLC	6% GTD SNR 08/02/29	XS0589945459	25%
10	LLOYDS BANK PLC	FRN GTD SNR 01/20	XS1549577408	24%

Source: ICE Data Services

Rank	EUR Non-Financial Issuer	Coupon and Maturity	ISIN	Relative volume
1	ANHEUSER-BUSCH INB	1.15% SNR EMTN 22/01/27	BE6301510028	100%
2	TAKEDA PHARMACEUTI	2.25% SNR PIDI NTS 21/11/26	XS1843449122	95%
3	KLEOPATRA HOLDIN.1	IDX/LKD PIK 30/06/23	XS1642812991	89%
4	ALTICE LUXEMBOURG	7.25% GTD SNR 15/05/22	XS1061642317	87%
5	TAKEDA PHARMACEUTI	1.125% SNR 21/11/22	XS1843449049	82%
6	THOMAS COOK GROUP	6.25% GTD SNR 15/06/22	XS1531306717	76%
7	BAYER AG	2.375%-FRN SUB 02/04/75	DE000A14J611	75%
8	TAKEDA PHARMACEUTI	3% SNR 21/11/30	XS1843449395	65%
9	GLAXOSMITHKLINE CA	0% GTD SNR 12/09/20	XS1681518962	63%
10	VOLKSWAGEN INTL	3.25% GTD SNR 18/11/30	XS1910948329	61%

Source: ICE Data Services

Rank	GBP Non-Financial Issuer	Coupon and Maturity	ISIN	Relative volume
1	VODAFONE GROUP	0% CNV SNR MTN 26/11/20	XS1325649140	100%
2	NETWORK RAIL INFRA	4.375% SNR SEC 09/12/30	XS0236698972	15%
3	VIRGIN MEDIA	5.5% SNR 15/09/24	XS1498566766	11%
4	SOCIETY OF LLOYDS	4.875%-FRN SUB 07/02/47	XS1558089261	10%
5	TRINITY SQUARE15-1	FRN M/BKD 07/51	XS1327103336	10%
6	HASTINGS GROUP FIN	3% GTD SNR 24/05/25	XS1815424202	9%
7	VERIZON COMMUN	3.375% SNR 27/10/36	XS1708168890	9%
8	AMERICA MOVIL SAB	6.375%-FRN SUB 06/09/73	XS0969342384	6%
9	JAGUAR LAND ROVER	2.75% GTD SNR 24/01/21	XS1555825378	6%
10	VODAFONE GROUP	3% SNR EMTN 12/08/56	XS1472483772	6%

Source: ICE Data Services

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