



Top-traded corporate bonds in May 2019 (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	0.375% GTD SNR 15/03/23	DE000A168Y22	100%
2	KREDITANST FUR WIE	0.75% GTD SNR 15/01/29	DE000A2LQSN2	89%
3	KREDITANST FUR WIE	0% GTD SNR 02/04/24	DE000A2LQSP7	84%
4	KREDITANST FUR WIE	0.125% GTD SNR 24/02/23	DE000A2GSNV2	78%
5	LANDWIRT RENTENBK	0.375% SNR 14/02/28	XS1951092144	67%
6	KREDITANST FUR WIE	0% GTD SNR 30/06/22	DE000A2LQSS1	67%
7	LINCOLN FINANCING	3.625% GTD 01/04/24	XS1974797364	44%
8	KREDITANST FUR WIE	0.125% GTD 07/06/23	DE000A2LQHV8	43%
9	KREDITANST FUR WIE	0% GTD SNR 28/04/22	DE000A2DAR81	43%
10	BNP PARIBAS	2.125%-FRN SNR 23/01/27	FR0013398070	42%

Source: ICE Data Services

Rank	GBP Financial Issuer	Coupon and Maturity	ISIN	Relative volume
1	KREDITANST FUR WIE	1.125% GTD SNR 07/12/21	XS1932958603	100%
2	WARWICK FIN RES.MT	FRN M/BKD 09/49	XS1255425495	53%
3	RIPON MORT. PLC	FRN M/BKD 08/56	XS1593590182	43%
4	WARWICK FIN RES.MT	FRN M/BKD 09/49	XS1221082958	40%
5	OFFA NO.1 PLC	FRN M/BKD 06/50	XS1372156320	24%
6	KREDITANST FUR WIE	0.875% GTD SNR 15/03/22	XS1548459178	22%
7	EXPORT DEVELOPMENT CANADA	FRN UNSUB PIDI 31/01/22	XS1941795707	21%
8	MALT HILL NO.1 PLC	FRN M/BKD 08/53	XS1396865781	21%
9	SLM STUDENT LN3-10	5.15% A/BKD 15/12/39	XS0177127486	15%
10	HSBC HOLDINGS PLC	3%-FRN SNR 22/07/28	XS1961843171	15%

Source: ICE Data Services

Rank	EUR Non-Financial Issuer	Coupon and Maturity	ISIN	Relative volume
1	THOMAS COOK GROUP	6.25% GTD SNR 15/06/22	XS1531306717	100%
2	ALTICE LUXEMBOURG	8% GTD SNR 15/05/27	XS1992154341	81%
3	NORDRH-WESTFALEN	1.1% SNR 13/03/34	DE000NRW0LM8	79%
4	BAYER AG	3%-FRN SUB 01/07/75	DE000A11QR65	75%
5	TELECOM ITALIA SPA	2.75% SNR EMTN 15/04/25	XS1982819994	72%
6	THYSSENKRUPP AG	2.875% SNR 22/02/24	DE000A2TEDB8	72%
7	GN STORE NORD	0% CNV SNR 31/05/22	XS1622415245	67%
8	MEDTRONIC GBL HLDG	0.375% GTD SNR 07/03/23	XS1960678099	57%
9	CELLNEX TELECOM SA	2.375% SNR 16/01/24	XS1468525057	57%
10	WIND TRE SPA	FRN GTD SNR SEC 01/24	XS1708450215	54%

Source: ICE Data Services

Rank	GBP Non-Financial Issuer	Coupon and Maturity	ISIN	Relative volume
1	TOWD POINT MTGE FN	FRN A/BKD 05/45	XS1564404934	100%
2	SOUTHERN HOUSING G	3.5% SNR SEC 19/10/47	XS1893609161	78%
3	BRUNEL RES MTG SEC	FRN M/BKD 1/39	XS0289303215	54%
4	VIRGIN MEDIA	5.5% SNR 15/09/24	XS1498566766	51%
5	CANARY WHARF FIN 2	6.455% M/BKD 22/10/33	XS0112279616	41%
6	FIDELITY NATL INF	1.7% SNR 30/06/22	XS1640493299	31%
7	ONTARIO (PROV OF)	FRN SNR 11/20	XS1610722735	27%
8	YORKSHIRE WTR FIN	2.75% GTD 18/04/41	XS1984257029	25%
9	PIZZAEXPRESS FIN 1	6.625% GTD 01/08/21	XS1028948120	22%
10	BRITISH TELECOM	3.125% SNR 21/11/31	XS1720922415	21%

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