

FTSE MIB Implied Volatility Index

Data as at: 30 December 2024

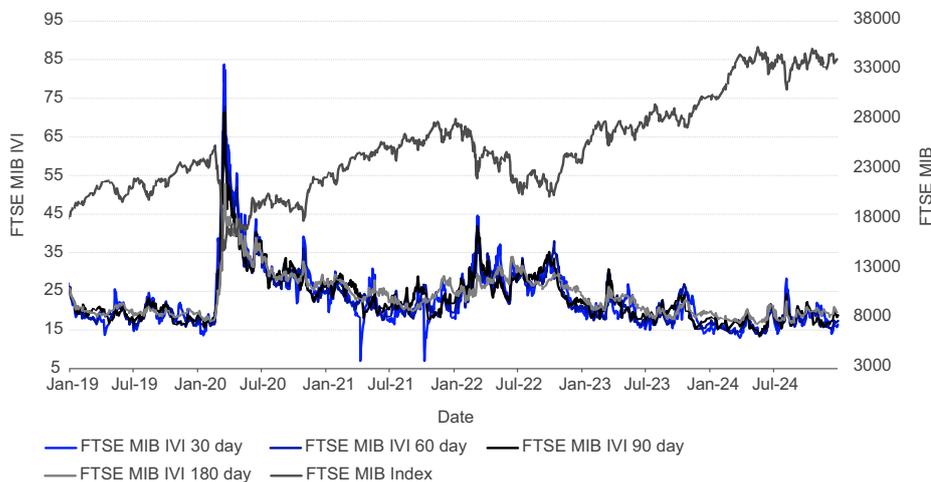
FTSE MIB IVI is a volatility index, which measures the interpolated 30, 60, 90 and 180 day annualised implied volatility of the underlying FTSE MIB index. Expected volatility is calculated from the prices of out-of-the money options available in the market, where the price of each option represents a market expectation of future volatility.

Index tickers are: IVMIB30, IVMIB60, IVMIB90, IVMIB180

FTSE MIB IVI – Implied Volatility

Year	30 Day Volatility			60 Day Volatility			90 Day Volatility			180 Day Volatility		
	mean	max	min	mean	max	min	mean	max	min	mean	max	min
1Y	17.05	28.28	13.05	16.77	23.90	13.67	17.54	24.29	13.42	18.66	22.44	16.52
2023	19.56	30.62	13.81	19.21	26.94	14.94	20.07	30.71	15.39	20.88	26.16	17.70
2022	28.00	44.58	17.93	27.31	38.32	19.48	27.77	41.87	21.02	27.39	33.93	22.34
2021	21.37	30.93	7.05	21.77	28.83	17.66	22.96	29.61	17.43	24.20	29.44	19.93
2020	32.46	83.76	13.71	30.80	72.81	15.89	30.84	71.35	15.70	30.02	52.67	17.20
2019	19.04	26.17	13.37	18.90	25.93	15.50	19.41	26.04	16.25	19.89	25.63	18.11
Since 4/2010	25.77	83.76	7.05	25.38	72.81	13.46	25.75	71.35	15.20	26.04	52.67	17.20

FTSE MIB IVI – Implied Volatility



FEATURES

Objective

- The index provides an estimate of the market's volatility expectations on the underlying index between now and the index options' expiration, enabling investors to make better informed risk management and trading decisions.

Eligibility

- The index is comprised of out-of-the-money put and call options from two expirations which span the period of interest.
- The price of each option reflects the market's expectation of future volatility.

Transparency

- The indices are managed according to a transparent and publicly available set of rules.

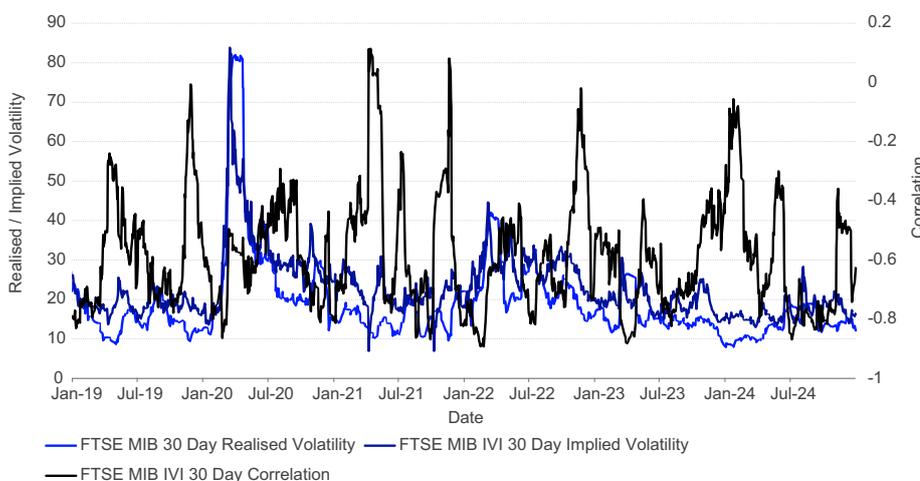
FTSE MIB IVI – Correlation Implied Volatility & Index Level

Year	30 Day Correlation			90 Day Correlation		
	mean	max	min	mean	max	min
1Y	-0.60	-0.06	-0.87	-0.63	-0.42	-0.79
2023	-0.63	-0.36	-0.88	-0.63	-0.45	-0.77
2022	-0.61	-0.02	-0.90	-0.54	-0.43	-0.70
2021	-0.51	0.11	-0.87	-0.63	-0.42	-0.82
2020	-0.59	-0.29	-0.86	-0.60	-0.48	-0.79
2019	-0.58	-0.01	-0.83	-0.67	-0.59	-0.76
Since 4/2010	-0.55	0.11	-0.92	-0.58	-0.29	-0.82

FTSE MIB IVI Realised and Implied Volatility

Year	30 Day Volatility		90 Day Volatility	
	IVI	RV	IVI	RV
1Y	17.05	13.47	17.54	13.52
2023	19.56	15.68	20.07	16.60
2022	28.00	23.83	27.77	24.45
2021	21.37	15.15	22.96	16.17
2020	32.46	30.40	30.84	31.89
2019	19.04	15.10	19.41	16.27
Since 4/2010	25.77	22.56	23.19	23.14

FTSE MIB Implied and Realised Volatility



© 2024 London Stock Exchange Group plc and its applicable group undertakings ("LSEG"). LSEG includes (1) FTSE International Limited ("FTSE"), (2) Frank Russell Company ("Russell"), (3) FTSE Global Debt Capital Markets Inc. and FTSE Global Debt Capital Markets Limited (together, "FTSE Canada"), (4) FTSE Fixed Income Europe Limited ("FTSE FI Europe"), (5) FTSE Fixed Income LLC ("FTSE FI"), (6) FTSE (Beijing) Consulting Limited ("WOFE"), (7) Refinitiv Benchmark Services (UK) Limited ("RBSL"), (8) Refinitiv Limited ("RL") and (9) Beyond Ratings S.A.S. ("BR"). All rights reserved.

FTSE Russell® is a trading name of FTSE, Russell, FTSE Canada, FTSE FI, FTSE FI Europe, WOFE, RBSL, RL, and BR. "FTSE®", "Russell®", "FTSE Russell®", "FTSE4Good®", "ICB®", "Refinitiv", "Beyond Ratings®", "WMR™", "FR™" and all other trademarks and service marks used herein (whether registered or unregistered) are trademarks and/or service marks owned or licensed by the applicable member of LSEG or their respective licensors and are owned, or used under licence, by FTSE, Russell, FTSE Canada, FTSE FI, FTSE FI Europe, WOFE, RBSL, RL or BR. FTSE International Limited is authorised and regulated by the Financial Conduct Authority as a benchmark administrator. Refinitiv Benchmark Services (UK) Limited is authorised and regulated by the Financial Conduct Authority as a benchmark administrator.

All information is provided for information purposes only. All information and data contained in this publication is obtained by LSEG, from sources believed by it to be accurate and reliable. Because of the possibility of human and mechanical inaccuracies as well as other factors, however, such information and data is provided "as is" without warranty of any kind. No member of LSEG nor their respective directors, officers, employees, partners or licensors make any claim, prediction, warranty or representation whatsoever, expressly or impliedly, either as to the accuracy, timeliness, completeness, merchantability of any information or LSEG Products, or of results to be obtained from the use of LSEG products, including but not limited to indices, rates, data and analytics, or the fitness or suitability of the LSEG products for any particular purpose to which they might be put. The user of the information assumes the entire risk of any use it may make or permit to be made of the information.

No responsibility or liability can be accepted by any member of LSEG nor their respective directors, officers, employees, partners or licensors for (a) any loss or damage in whole or in part caused by, resulting from, or relating to any inaccuracy (negligent or otherwise) or other circumstance involved in procuring, collecting, compiling, interpreting, analysing, editing, transcribing, transmitting, communicating or delivering any such information or data or from use of this document or links to this document or (b) any direct, indirect, special, consequential or incidental damages whatsoever, even if any member of LSEG is advised in advance of the possibility of such damages, resulting from the use of, or inability to use, such information.

No member of LSEG nor their respective directors, officers, employees, partners or licensors provide investment advice and nothing in this document should be taken as constituting financial or investment advice. No member of LSEG nor their respective directors, officers, employees, partners or licensors make any representation regarding the advisability of investing in any asset or whether such investment creates any legal or compliance risks for the investor. A decision to invest in any such asset should not be made in reliance on any information herein. Indices and rates cannot be invested in directly. Inclusion of an asset in an index or rate is not a recommendation to buy, sell or hold that asset nor confirmation that any particular investor may lawfully buy, sell or hold the asset or an index or rate containing the asset. The general information contained in this publication should not be acted upon without obtaining specific legal, tax, and investment advice from a licensed professional.

Past performance is no guarantee of future results. Charts and graphs are provided for illustrative purposes only. Index and/or rate returns shown may not represent the results of the actual trading of investable assets. Certain returns shown may reflect back-tested performance. All performance presented prior to the index or rate inception date is back-tested performance. Back-tested performance is not actual performance, but is hypothetical. The back-test calculations are based on the same methodology that was in effect when the index or rate was officially launched. However, back-tested data may reflect the application of the index or rate methodology with the benefit of hindsight, and the historic calculations of an index or rate may change from month to month based on revisions to the underlying economic data used in the calculation of the index or rate.

INFORMATION

Index Launch

18 February 2013

Index Calculation

End of Day

Historical Data

01 April 2010

Index Rules

www.ftserussell.com

Tickers

IVMIB30

IVMIB60

IVMIB90

IVMIB180

Data definitions available from info@ftserussell.com

To learn more, visit lseg.com/ftse-russell; email info@ftserussell.com; or call your regional Client Services Team office:

EMEA

+44 (0) 20 7866 1810

North America

+1 877 503 6437

Asia-Pacific

Hong Kong +852 2164 3333

Tokyo +81 3 3581 2764

Sydney +61 (0) 2 8823 3521