

BNY Mellon Midcap Index Fund, Inc.

SEMI-ANNUAL
SHAREHOLDER
REPORT
APRIL 30, 2025

Investor Shares – PESPX

This semi-annual shareholder report contains important information about BNY Mellon Midcap Index Fund, Inc. (the “Fund”) for the period of November 1, 2024 to April 30, 2025. You can find additional information about the Fund at bny.com/investments/literaturecenter. You can also request this information by calling 1-800-373-9387 (inside the U.S. only) or by sending an e-mail request to info@bny.com.

What were the Fund’s costs for the last six months?

(based on a hypothetical \$10,000 investment)

Share Class	Costs of a \$10,000 investment	Costs paid as a percentage of a \$10,000 investment
Investor Shares*	\$24	0.50%**

* During the period, fees were waived and/or expenses reimbursed pursuant to an agreement with the Fund’s investment adviser, BNY Mellon Investment Adviser, Inc.

** Annualized.

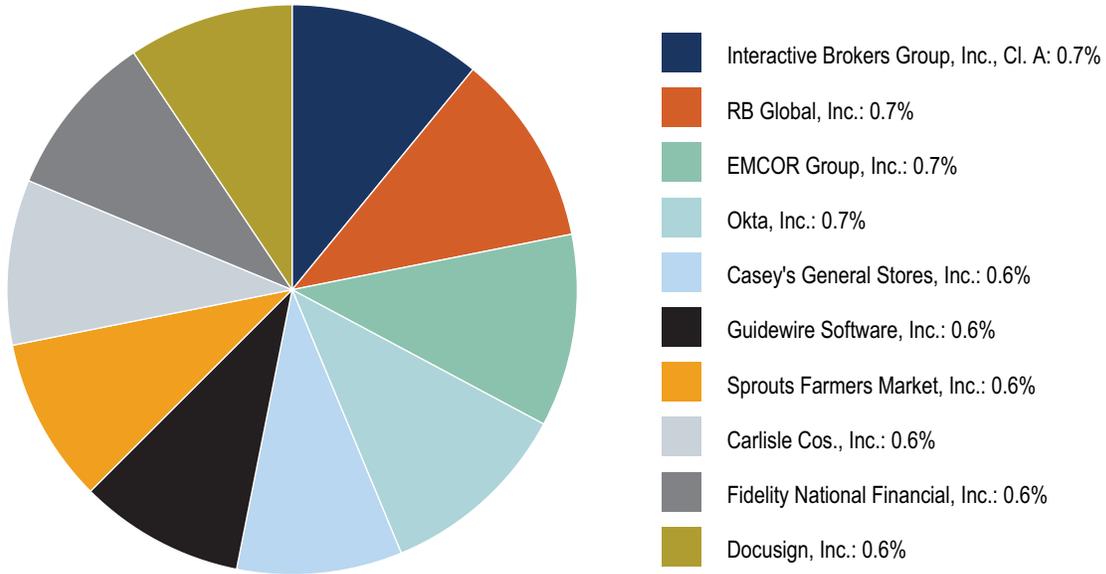
KEY FUND STATISTICS (AS OF 4/30/25)

Fund Size (Millions)	Number of Holdings	Portfolio Turnover
\$1,307	404	7.35%

Not FDIC Insured. Not Bank-Guaranteed. May Lose Value

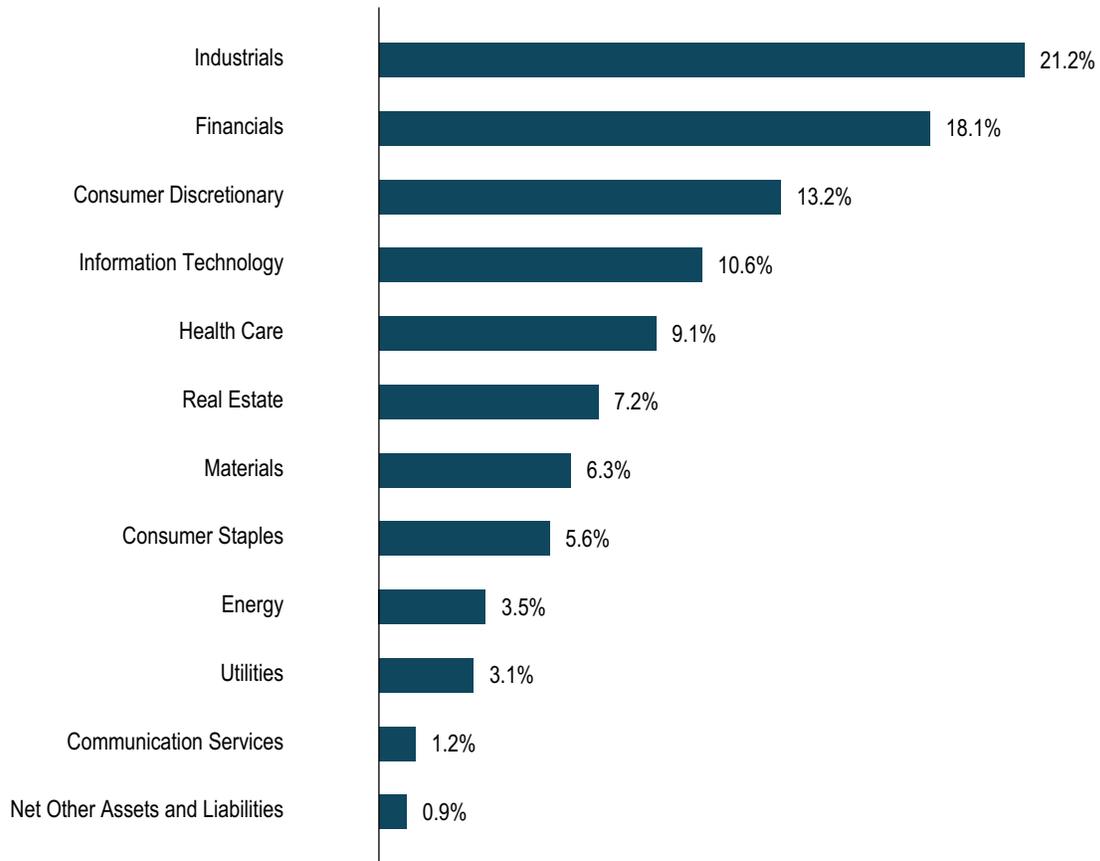
PORTFOLIO HOLDINGS (AS OF 4/30/25)

Top Ten Holdings (Based on Net Assets)*



* Excludes money market funds or other short-term securities held for the investment of cash and cash collateral for securities loaned, if any.

Sector Allocation (Based on Net Assets)



For additional information about the Fund, including its prospectus, financial information, portfolio holdings and proxy voting information, please visit bny.com/investments/literaturecenter.

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