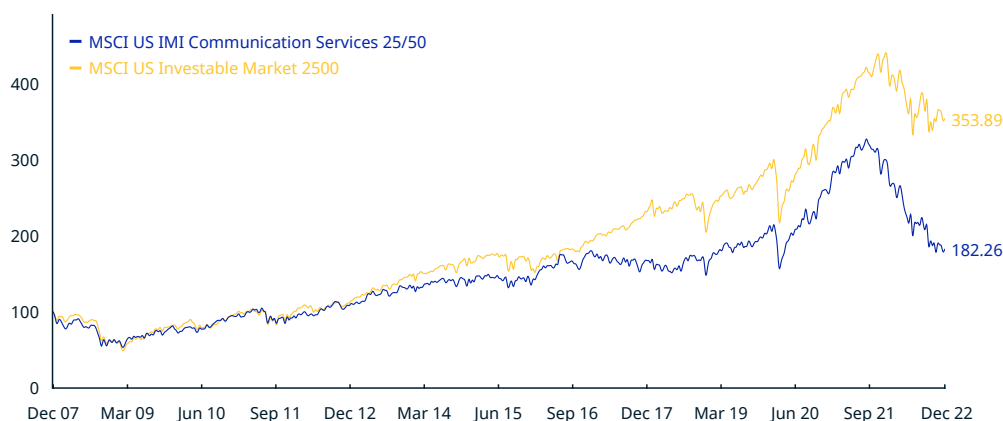


# MSCI US IMI Communication Services 25/50 Index (USD)

The MSCI US IMI Communication Services 25/50 Index is designed to capture the large, mid and small cap segments of the US equity universe. All securities in the index are classified in the Communication Services sector as per the Global Industry Classification Standard (GICS®). The index also applies certain investment limits to help ensure diversification--limits that are imposed on regulated investment companies, or RICs, under the current US Internal Revenue Code.

## CUMULATIVE INDEX PERFORMANCE – GROSS RETURNS (USD) (DEC 2007 – DEC 2022)



## ANNUAL PERFORMANCE (%)

Year	MSCI US IMI Communication Services 25/50	MSCI US Investable Market 2500
2022	-38.74	-19.24
2021	13.86	26.13
2020	29.02	21.01
2019	27.94	31.09
2018	-5.10	-5.27
2017	-5.71	21.22
2016	22.45	12.63
2015	2.73	0.61
2014	4.16	12.71
2013	24.12	33.51
2012	16.59	16.40
2011	-2.09	1.15
2010	19.44	17.17
2009	26.46	28.63

## INDEX PERFORMANCE – GROSS RETURNS (%) (DEC 30, 2022)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED			
					3 Yr	5 Yr	10 Yr	Since Nov 29, 2002
MSCI US IMI Communication Services 25/50	-7.16	0.14	-38.74	-38.74	-3.45	1.79	5.30	6.72
MSCI US Investable Market 2500	-5.90	7.22	-19.24	-19.24	7.22	8.89	12.21	9.68

## INDEX RISK AND RETURN CHARACTERISTICS (DEC 30, 2022)

	Turnover (%) <sup>1</sup>	ANNUALIZED STD DEV (%) <sup>2</sup>			SHARPE RATIO <sup>2,3</sup>			Since Nov 29, 2002	MAXIMUM DRAWDOWN	
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI US IMI Communication Services 25/50	11.70	23.77	20.60	16.69	-0.06	0.13	0.34	0.39	55.09	2007-07-16–2008-11-20
MSCI US Investable Market 2500	2.11	21.86	19.27	15.22	0.39	0.47	0.78	0.59	55.29	2007-10-09–2009-03-09

<sup>1</sup> Last 12 months

<sup>2</sup> Based on monthly gross returns data

<sup>3</sup> Based on NY FED Overnight SOFR from Sep 1 2021 & on ICE LIBOR 1M prior that date

# MSCI US IMI Communication Services 25/50 Index (USD)

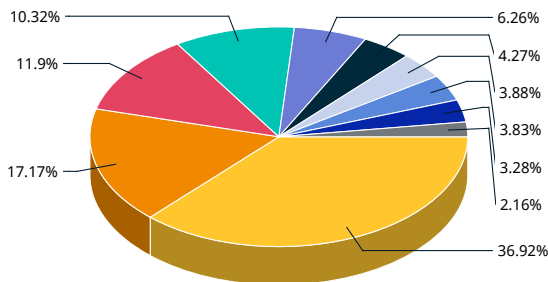
## INDEX CHARACTERISTICS

MSCI US IMI Communication Services 25/50	
<b>Number of Constituents</b>	113
<b>Mkt Cap (USD Millions)</b>	
<b>Index</b>	2,620,872.73
<b>Largest</b>	295,539.09
<b>Smallest</b>	161.42
<b>Average</b>	23,193.56
<b>Median</b>	5,718.55

## TOP 10 CONSTITUENTS

	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)
ALPHABET A	295.54	11.28
META PLATFORMS A	277.44	10.59
ALPHABET C	258.24	9.85
VERIZON COMMUNICATIONS	168.31	6.42
DISNEY (WALT)	161.02	6.14
NETFLIX	125.13	4.77
COMCAST CORP A (NEW)	123.86	4.73
AT&T	118.59	4.52
T-MOBILE US	99.82	3.81
ACTIVISION BLIZZARD	72.26	2.76
<b>Total</b>	<b>1,700.20</b>	<b>64.87</b>

## SUB-INDUSTRY WEIGHTS



- Interactive Media & Services 36.92%
- Movies & Entertainment 17.17%
- Integrated Telecommunication Services 11.9%
- Cable & Satellite 10.32%
- Interactive Home Entertainment 6.26%
- Wireless Telecommunication Services 4.27%
- Broadcasting 3.88%
- Advertising 3.83%
- Alternative Carriers 3.28%
- Publishing 2.16%

The MSCI US IMI Communication Services 25/50 Index was launched on Sep 07, 2009. Data prior to the launch date is back-tested test (i.e. calculations of how the index might have performed over that time period had the index existed). There are frequently material differences between back-tested performance and actual results. Past performance – whether actual or back-tested – is no indication or guarantee of future performance.

## INDEX FRAMEWORK

The MSCI 25/50 Indexes take into account the investment limits required of regulated investment companies, or RICs, under the current US Internal Revenue Code. One requirement of a RIC is that at the end of each quarter of its tax year no more than 25% of the value of the RIC's assets may be invested in a single issuer and the sum of the weights of all issuers representing more than 5% of the fund should not exceed 50% of the fund's total assets.

The MSCI 25/50 Index methodology aims to minimize index turnover, tracking error and extreme deviation from the parent index. The indexes are rebalanced quarterly. Changes resulting from each rebalancing are made as of the close of the last business day of February, May, August and November, coinciding with the quarterly index reviews of their parent indexes.

This summary is provided for illustrative purposes only and does not include all material elements of the index or its methodology. For a complete description of the index methodology, please see [Index methodology - MSCI](#).

## ABOUT MSCI

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