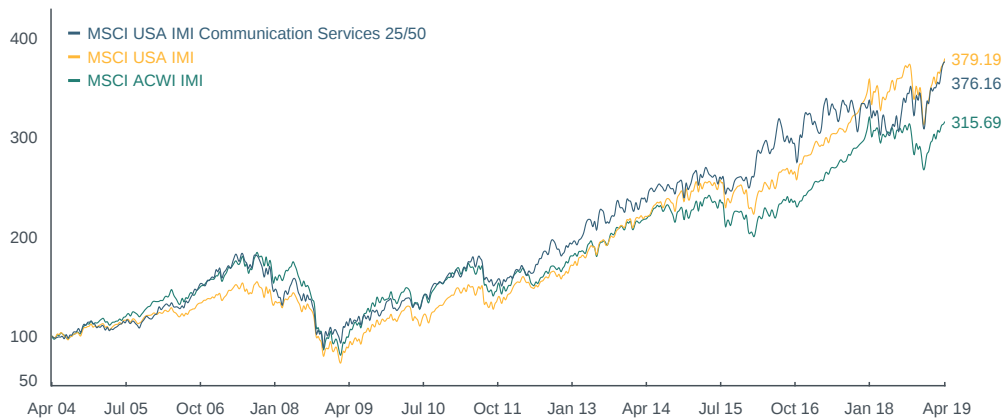


# MSCI USA IMI COMMUNICATION SERVICES 25/50 INDEX (USD)

The MSCI USA IMI Communication Services 25/50 Index captures the large, mid and small cap segments of the USA market. All securities in the index are classified in the Communication Services sector according to 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) (APR 2004 – APR 2019)



## ANNUAL PERFORMANCE (%)

Year	MSCI USA IMI Communication Services 25/50	MSCI USA IMI	MSCI ACWI IMI
2018	-5.32	-5.20	-9.61
2017	3.73	21.28	24.58
2016	23.39	12.66	8.96
2015	3.40	0.64	-1.68
2014	6.06	12.51	4.36
2013	25.01	33.39	24.17
2012	19.03	16.41	17.04
2011	-2.23	1.23	-7.43
2010	19.23	17.17	14.87
2009	26.67	28.72	37.18
2008	-35.99	-36.98	-42.01
2007	6.48	5.78	11.66
2006	36.72	15.70	21.49
2005	0.88	6.41	12.06

## INDEX PERFORMANCE — GROSS RETURNS (%) (APR 30, 2019)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED			
					3 Yr	5 Yr	10 Yr	Since Nov 30, 1998
MSCI USA IMI Communication Services 25/50	6.16	8.28	20.25	19.51	8.78	9.43	12.76	3.31
MSCI USA IMI	3.94	9.22	12.72	18.66	14.79	11.26	15.36	7.15
MSCI ACWI IMI	3.36	7.44	4.83	16.22	11.79	7.46	11.90	6.40

## INDEX RISK AND RETURN CHARACTERISTICS (APR 30, 2019)

	Turnover (%) <sup>1</sup>	ANNUALIZED STD DEV (%) <sup>2</sup>			SHARPE RATIO <sup>2,3</sup>			Since Nov 30, 1998	MAXIMUM DRAWDOWN (%)	Period YYYY-MM-DD
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr			
MSCI USA IMI Communication Services 25/50	88.16	14.16	12.96	13.63	0.57	0.69	0.91	0.16	83.68	2000-03-10—2002-10-09
MSCI USA IMI	2.14	11.21	11.59	12.87	1.17	0.90	1.13	0.39	55.26	2007-10-09—2009-03-09
MSCI ACWI IMI	2.46	10.25	11.21	13.63	1.00	0.62	0.85	0.34	58.28	2007-10-31—2009-03-09

<sup>1</sup> Last 12 months

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

<sup>3</sup> Based on ICE LIBOR 1M

The MSCI USA IMI Communication Services 25/50 Index was launched on Dec 09, 2010. Data prior to the launch date is back-tested data (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.

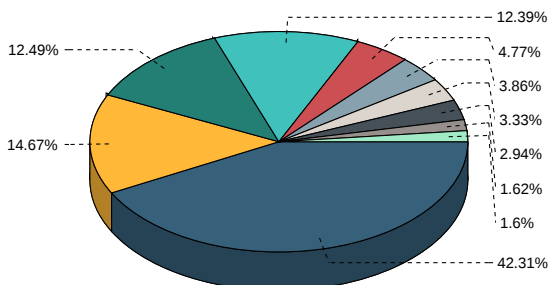
## INDEX CHARACTERISTICS

MSCI USA IMI Communication Services 25/50	
Number of Constituents	105
Mkt Cap ( USD Millions)	
Index	2,745,323.01
Largest	441,041.92
Smallest	632.68
Average	26,145.93
Median	7,906.20

## TOP 10 CONSTITUENTS

	Float Adj Mkt Cap ( USD Billions)	Index Wt. (%)
FACEBOOK A	441.04	16.07
ALPHABET C	317.14	11.55
ALPHABET A	301.44	10.98
VERIZON COMMUNICATIONS	215.76	7.86
DISNEY (WALT)	185.44	6.75
COMCAST CORP A (NEW)	133.38	4.86
NETFLIX	120.17	4.38
AT&T	117.60	4.28
CHARTER COMM A (NEW)	64.51	2.35
T-MOBILE US	43.39	1.58
<b>Total</b>	<b>1,939.87</b>	<b>70.66</b>

## SUB-INDUSTRY WEIGHTS



- Interactive Media & Services 42.31%
- Movies & Entertainment 14.67%
- Cable & Satellite 12.49%
- Integrated Telecommunication Services 12.39%
- Broadcasting 4.77%
- Interactive Home Entertainment 3.86%
- Wireless Telecommunication Services 3.33%
- Alternative Carriers 2.94%
- Publishing 1.62%
- Advertising 1.6%

## INDEX METHODOLOGY

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.

## ABOUT MSCI

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