

September 2018

# INDXX CANNABIS INDUSTRY INDEX METHODOLOGY



# **CONTENTS**

1.	IND	XX CANNABIS INDUSTRY INDEX	2
	1.1	INDEX DESCRIPTION	2
	1.2	CREATION OF MASTER LIST	2
		1.2.1 Initial Universe	2
		1.2.2 Free Float	2
		1.2.3 Maximum Price	2
		1.2.4 Security Type	2
		1.2.5 Share Classes	3
	1.3	SECURITY SELECTION PROCESS	3
	1.4	FINAL COMPOSITION	4
	1.5	WEIGHTING	4
	1.6	BUFFER RULES	4
		1.6.1 Market Capitalization	4
		1.6.2 Liquidity	4
	1.7	RECONSTITUTION AND REBALANCING RULES	4
	1.8	CORPORATE ACTIONS	4
2.	DIS	CLAIMER	5



# 1. INDXX CANNABIS INDUSTRY INDEX

# 1.1 INDEX DESCRIPTION

The Indxx Cannabis Industry Index is designed to track the performance of companies that provide products or services related to the medical or industrial use of cannabis or cannabis derivatives.

The index has a base date of May 29, 2015 with an initial value of 1,000.

The index is currently available in the following versions:

- Net Total Return (Bloomberg Ticker: ICANNT)
- Price Return (Bloomberg Ticker: ICANNP)
- Total Return (Bloomberg Ticker: ICANN)

# 1.2 CREATION OF MASTER LIST

## 1.2.1 Initial Universe

To be eligible for inclusion in the Initial Universe, securities must have:

- Their primary listing in United States, Canada, Australia, Japan, Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Israel, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and United Kingdom exchanges.
- A minimum market capitalization of \$100 million.
- A minimum worldwide monthly trading volume of at least 250,000 shares, or minimum total dollar volume traded per month of \$25 million, averaged over the last 6 months.

# 1.2.2 Free Float

All securities must have a minimum free float equivalent to 10% of shares outstanding.

## 1.2.3 Maximum Price

Securities trading at a price of \$10,000 or above are ineligible for inclusion in the universe. This rule is not applicable for existing constituents. Existing constituents shall remain in the universe irrespective of their stock price.

# 1.2.4 Security Type

The following security types are eligible for inclusion:

- Common Stock
- ADR
- GDR

September 2018 2



# 1.2.5 Share Classes

If multiple share classes exist for a company, the following preference order is followed:

- If an ADR of the company exists, it is given preference over all other share classes.
- In all other cases, the most liquid share class is considered for inclusion in the portfolio.

# 1.3 SECURITY SELECTION PROCESS

Based on extensive research, Indxx has defined cannabis as being comprised of the following sub-themes:

Ancillary	Cannabis focused activities.		
Cultivators	Production or cultivation of medical cannabis and industrial hemp.		
Industrial Hemp	Use of hemp for the industrial uses of its derived product.		
Pharmaceuticals	Medicines with key ingredient as cannabis with the aim of improving people's health.		
Testing and Analytics	Analytical tools, research materials or cannabis based compounds for usage in drug testing, clinical toxicology analysis, drug monitoring or developing new drugs, among other application.		

These sub-themes are comprised of companies in the following FactSet Industries:

Agricultural Commodities/Milling	Real Estate Investment Trusts	Miscellaneous Manufacturing
Pharmaceuticals: Other	Chemicals: Agricultural	Oil & Gas Production
Real Estate Development	Electrical Products	Other Consumer Services
Apparel/Footwear	Financial Conglomerates	Other Metals/Minerals
Biotechnology	Industrial Machinery	Pharmaceuticals: Major
Electronic Equipment/Instruments	Information Technology Services	Miscellaneous
Environmental Services	Internet Retail	Electronics Distributors
Internet Software/Services	Other Consumer Specialties	Household / Personal Care
Medical/Nursing Services	Personnel Services	Medical Specialties
Miscellaneous Commercial Services	Precious Metals	Pharmaceuticals: Generic

The industries and sub-themes identified through this research-based approach are subject to change at every annual reconstitution.

Companies are classified into one of the following three types based on revenue:

# Pure Play:

Companies from the Master List that derive revenue greater than or equal to 50% from the above sub-themes are considered as 'pure-play' cannabis companies. These companies are included in the 'Selection List' for the index.

September 2018



# Quasi Play:

Companies with diversified revenue streams that generate at least 10% (but less than 50%) of their revenue from the above sub-themes are considered as 'quasi-play' cannabis companies. These companies are also included in the 'Selection List' for the index.

# 1.4 FINAL COMPOSITION

From the Selection List:

• Both pure-play and quasi-play companies will form final index.

## 1.5 WEIGHTING

The index is weighted as follows:

Components are weighted equally.

# 1.6 BUFFER RULES

Buffer Rules are employed to reduce Portfolio Turnover. The following buffer rules apply:

# 1.6.1 Market Capitalization

A constituent shall continue to be included in the Initial Universe if its market capitalization is greater than or equal to 80% of the previously defined market capitalization limit.

# 1.6.2 Liquidity

A constituent shall continue to be included in the Initial Universe if its 6-month ADTV is greater than or equal to 70% of the previously defined liquidity limit.

# 1.7 RECONSTITUTION AND REBALANCING RULES

- The index follows an annual reconstitution and rebalancing schedule. The new portfolio becomes
  effective at the close of last trading day of May each year. This day is called the 'Effective Day.'
- The security selection and portfolio creation process start on the close of the nearest Friday falling at least one month before the effective day, called the 'Selection Day.' The selection list is created based on the data as of the Selection Day.
- Weights are calculated at the close of the seventh trading day prior to the Effective Day. Index Shares are frozen using weights as of this day.

# 1.8 CORPORATE ACTIONS

Indxx standard Corporate Actions for market cap weighted indices apply. The corporate action guidebook is present in the Announcements section of our website, under 'Index Documents'.



# 2. DISCLAIMER

This methodology document and all information contained herein including, without limitation, all text, data, graphs, charts, visuals and theory (collectively, the "information"), were created by and is the sole property of Indxx, LLC. Redistribution, reproduction and/or photocopying of this document in whole or part is prohibited without written permission from Indxx. All information in this document provided by Indxx is impersonal and not tailored to the needs of any person, entity or group. None of the information constitutes an attempt at an offer to sell (or an attempt of an offer to buy), or a promotion or recommendation of, any security, product, investment vehicle or any trading strategy, and Indxx does not endorse, approve or otherwise express any opinion regarding any issuer, security, financial product, instrument, or trading strategy. None of the information, Indxx indices, models, other products or services contained herein is intended to constitute investment advice or a recommendation to make (or refrain from making) any kind of investment decision and should not be relied on as such. A decision to invest in any investment fund or other vehicle should not be made based solely on information or statements contained in this document. Prospective investors are advised to make an investment in any such fund or other vehicle only after carefully considering the risks, fees and expenses associated with investing, as detailed in an offering memorandum or similar document that is prepared by or on behalf of the issuer of the investment fund or other vehicle. Historical data, analysis and performance of Indxx indices should not be taken as an indication or guarantee of any future performance. Indxx does not guarantee the accuracy and/or completeness of any Indxx index, any data included herein, or any data from which it is based, and Indxx shall have no liability for any errors, omissions, or interruptions therein. All information in these materials in provided "as is" and the content may change without notice.

For more information on the index, please email <a href="mailto:info@indxx.com">info@indxx.com</a>. Learn more at <a href="mailto:www.indxx.com">www.indxx.com</a>.

September 2018 5