

Xylitol – A Global Market Overview

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Abstracts

Xylitol is widely used in sugar-free chewing gums, though, it is mostly combined with sorbitol to lower the production costs. The cost of xylitol might come down to allow manufacturers to use xylitol alone in these applications as the new sources and processes are in development for xylitol production, such as low-cost microbial fermentation methods and xylitol production from sugarcane bagasse. Combined by the above reason and xylitol's dental health benefits, xylitol demand is expected to grow in chewing gum applications in the years to come.

Main growth driver for xylitol, is the growing number of diabetes people around the globe. Number of studies reveals that intake of high caloric sweeteners may increase the risk of obesity and leads to diabetes. Attributed this reason, low-calorie sweeteners usage is expected to increase in specific foods targeted at diabetic people and also at consumers concerning over their weight. Moreover, xylitol market is expected to grow above the average CAGR as it expands its usage in chewing gum and other applications, where it benefits from a unique profile in adding sweetness, enhancing minty flavors and actually improving dental health apart from being a low-calorie sweetener.

This global report analyzes the key end-use sectors of xylitol including Chewing Gum, Confectionary, Other Food & Beverages, Personal Care and Others (Pharmaceuticals and nutraceuticals). The global markets for the above-mentioned end-use sectors are analyzed in terms of volume in metric tons and value in USD for 2014-2022 analysis period. Driven by increasingly health and weight conscious consumers, xylitol demand is expected to grow in sugar-free and low-calorie food products. Global market for xylitol is estimated at 190.9 thousand metric tons, valued at US\$725.9 million in 2016 and expected to reach 266.5 thousand metric tons valued at just above US\$1 billion by 2022, by growing at robust CAGRs of around 5.7% in terms of both volume and value.

The global market for xylitol is segmented into four major regions namely, North America, Europe, Asia-Pacific and Rest of World. The regional markets further analyzed for 15 more independent countries across North America – United States, Canada and Mexico; Europe – France, Finland, Germany, Italy, Russia, Spain and the United Kingdom; Asia-Pacific – Australia, China, India, Japan and South Korea. The market is analyzed in all of these major regions by key countries and by major end-use sectors in terms of both volume and value.

This 258 page Xylitol market report includes 157 charts (includes a data table and graphical representation for each chart), supported with meaningful and easy to understand graphical presentation, of market numbers. This report profiles 17 key global players. The research also provides the listing of the companies engaged in R&D, manufacturing and supply of xylitol. The global list of companies covers the address, contact numbers and the website addresses of 52 companies.

Contents

PART A: GLOBAL MARKET PERSPECTIVE

1. INTRODUCTION

1.1 Product Outline

1.1.1 Categorization of Sweeteners

1.1.1.1 Caloric Sweeteners

1.1.1.2 High Intense Sweeteners (HIS)

1.1.1.3 Polyols (Sugar Alcohols)

1.1.2 High Intense Sweeteners

1.1.2.1 Applications for Artificial High Intense Sweeteners

1.1.2.2 Potential Health Benefits Offered by Artificial Sweeteners

1.1.2.2.1 Controlling Weight

1.1.2.2.2 Controlling Diabetes

1.1.2.3 Potential Health Issues Associated with Artificial High Intense Sweeteners

1.1.2.4 Categories of Artificial High Intense Sweeteners

1.1.2.4.1 Saccharin

1.1.2.4.2 Acesulfame Potassium (Acesulfame K)

1.1.2.4.3 Sucralose

1.1.2.4.4 Aspartame

1.1.2.4.5 Neotame

1.1.2.4.6 Cyclamates

1.1.2.5 Categories of Natural High Intense Sweeteners

1.1.2.5.1 Stevia Sweetener

1.1.2.5.2 Luo Han Guo

1.1.3 Polyols (Sugar Alcohols)

1.1.3.1 Potential Health Benefits Offered by Polyols/Sugar Alcohols

1.1.3.1.1 Help in Controlling Weight

1.1.3.1.2 Diabetes

1.1.3.1.3 Tooth Decay

1.1.3.1.4 Other Benefits

1.1.3.2 Potential Health Concerns Associated with Polyols/Sugar Alcohols

1.1.3.3 Polyols and Gastrointestinal (GI) Effects

1.1.3.4 Applications of Polyols/Sugar Alcohols

1.1.3.4.1 Food Applications

1.1.3.4.2 Pharmaceutical Applications

1.1.3.4.3 Personal Hygiene Product Applications

- 1.1.3.5 Sorbitol
 - 1.1.3.5.1 Applications for Sorbitol
- 1.1.3.6 Mannitol
 - 1.1.3.6.1 Applications for Mannitol
- 1.1.3.7 Maltitol
 - 1.1.3.7.1 Applications for Maltitol
- 1.1.3.8 Xylitol
 - 1.1.3.8.1 Applications for Xylitol
- 1.1.3.9 Erythritol
 - 1.1.3.9.1 Applications for Erythritol
- 1.1.3.10 Isomalt
 - 1.1.3.10.1 Applications for Isomalt
- 1.1.3.11 Lactitol
 - 1.1.3.11.1 Applications for Lactitol
- 1.1.4 An Overview of Xylitol
 - 1.1.4.1 Nutraceutical Properties of Xylitol
 - 1.1.4.2 Xylose and Xylitol Metabolism
 - 1.1.4.2.1 In Yeasts and Molds
 - 1.1.4.2.2 In Bacteria
 - 1.1.4.2.3 In Mammals
 - 1.1.4.3 Health Benefits of Xylitol
 - 1.1.4.3.1 Dental Benefits
 - 1.1.4.3.1.1 Reduction in the Formation of New Caries
 - 1.1.4.3.1.2 Reduction in Growth of Plaque
 - 1.1.4.3.1.3 Promotion of Salivary Flow
 - 1.1.4.3.2 Benefits for Diabetics
 - 1.1.4.3.3 Xylitol as a Source of Energy
 - 1.1.4.3.4 Ear Infection
 - 1.1.4.3.5 Safety of Xylitol
 - 1.1.4.3.6 Xylitol Toxicity in Dogs
 - 1.1.4.4 Xylitol Application Overview
 - 1.1.4.5 Xylitol Production Processes
 - 1.1.4.5.1 Raw Materials
 - 1.1.4.5.2 Chemical Production Process
 - 1.1.4.5.3 Microbial Production Process
 - 1.1.4.5.3.1 Production of Xylitol Using Yeasts
 - 1.1.4.5.3.2 Production of Xylitol from Molds

2. KEY MARKET TRENDS

2.1 Prospects for Low-Calorie Sweeteners Brightened by Escalating Incidences of Obesity and Diabetes

2.1.1 Overweight and Obesity: Some Statistics of Prevalence

2.1.2 Burden of Diabetes and Impaired Glucose Tolerance (IGT) on a Global Level

3. REGULATORY LANDSCAPE

3.1 Polyols and High Intense Sweetener Regulations around the Globe

3.1.1 European Union

3.1.1.1 Purity Criteria

3.1.1.2 Labeling

3.1.1.3 Health Claims

3.1.1.4 Nutrition Claims

3.1.2 The United States

3.1.2.1 Health Claims

3.1.2.2 Labeling

3.1.3 Japan

3.1.3.1 Nutritional Claims

3.1.3.2 Health Claims

3.1.4 India

3.1.4.1 Labeling

3.1.4.2 Health Claims

3.1.4.3 Nutritional Claims

3.1.5 China

4. INDUSTRY LANDSCAPE

4.1 Global Xylitol Production Capacities

4.2 Key Global Players

Cargill, Inc. (United States)

Dupont Nutrition & Health (Dupont Danisco) (United States)

CSPC Shengxue Glucose Co., Ltd. (China)

DFI Corporation (United States)

Ingredion Inc. (United States)

Mitsubishi Shoji Foodtech Co., Ltd. (Japan)

Novagreen Inc. (Canada)

O'laughlin Industries Co., Ltd. (Hong Kong)

Roquette Freres (France)

S2G Biochem (Canada)
Shandong Futaste Co., Ltd. (China)
Shandong Longlive Bio-Technology Co., Ltd. (China)
Shandong Lujian Biological Technology Co. Ltd. (China)
Thomson Biotech (Xiamen) Co., Ltd. (China)
Xylitol Canada, Inc. (Canada)
Zhejiang Huakang Pharmaceutical Co., Ltd. (China)
Zuchem Inc. (United States)

5. KEY BUSINESS TRENDS

S2G Biochemicals and Mondelez International Collaborated to Build Xylitol Plant in the USA
Anti-Caries Effect of Xylitol Confirmed by DuPont Study
DFI Corp and Mitr Phol Group Inks Strategic Investment and Partnership Deal to Produce Erythritol and Xylitol
Xylitol Sweetener Can Kill or Poison Dogs - FDA Warns

6. GLOBAL MARKET OVERVIEW

6.1 Market Overview by End-use Application
6.1.1 End-use Application Market Overview by Geographic Region
6.1.1.1 Chewing Gum
6.1.1.2 Confectionary
6.1.1.3 Other Food Applications
6.1.1.4 Personal Care Products
6.1.1.5 Other Applications

PART B: REGIONAL MARKET PERSPECTIVE

GLOBAL XYLITOL MARKET OVERVIEW BY GEOGRAPHIC REGION

REGIONAL MARKET OVERVIEW

1. NORTH AMERICA

1.1 Market Overview by Geographic Region
1.2 Market Overview by End-use Application
1.3 Market Overview by Country

1.3.1 The United States

1.3.1.1 Market Overview by End-use Application

1.3.2 Canada

1.3.2.1 Market Overview by End-use Application

1.3.3 Mexico

1.3.3.1 Market Overview by End-use Application

2. EUROPE

2.1 Market Overview by Geographic Region

2.2 Market Overview by End-use Application

2.3 Market Overview by Country

2.3.1 Germany

2.3.1.1 Market Overview by End-use Application

2.3.2 France

2.3.2.1 Market Overview by End-use Application

2.3.3 Italy

2.3.3.1 Market Overview by End-use Application

2.3.4 Spain

2.3.4.1 Market Overview by End-use Application

2.3.5 The United Kingdom

2.3.5.1 Market Overview by End-use Application

2.3.6 Finland

2.3.6.1 Market Overview by End-use Application

2.3.7 Russia

2.3.7.1 Market Overview by End-use Application

2.3.8 Rest of Europe

2.3.8.1 Market Overview by End-use Application

3. ASIA-PACIFIC

3.1 Market Overview by Geographic Region

3.2 Market Overview by End-use Application

3.3 Market Overview by Country

3.3.1 China

3.3.1.1 Market Overview by End-use Application

3.3.2 Japan

3.3.2.1 Market Overview by End-use Application

3.3.3 South Korea

3.3.3.1 Market Overview by End-use Application

3.3.4 Australia

3.3.4.1 Market Overview by End-use Application

3.3.5 India

3.3.5.1 Market Overview by End-use Application

3.3.6 Rest of APAC

3.3.6.1 Market Overview by End-use Application

4. REST OF WORLD

4.1 Market Overview by Geographic Region

4.2 Market Overview by End-use Application

PART C: XYLITOL PATENT LANDSCAPE

1. MAJOR PATENTS IN CHEMICAL PROCESSES

2. MAJOR PATENTS IN MICROBIAL PROCESSES

3. LIST OF OTHER MAJOR PATENTS IN CHEMICAL AND MICROBIAL PROCESSES

PART D: GUIDE TO THE INDUSTRY

PART E: ANNEXURE

1. RESEARCH METHODOLOGY

2. FEEDBACK

CHARTS & GRAPHS

PART A: GLOBAL MARKET PERSPECTIVE

Chart 1: Global Xylitol Market by End-use Application - A 2016 Snapshot

Chart 2: Global Xylitol Market in Chewing Gum by Volume (Metric Tons) and Value (USD Million)

Chart 3: Global Xylitol Market in Confectionary by Volume (Metric Tons) and Value (USD Million)

Chart 4: Global Xylitol Market in Other Foods by Volume (Metric Tons) and Value (USD Million)

Chart 5: Global Xylitol Market in Personal Care Products by Volume (Metric Tons) and Value (USD Million)

Chart 6: Global Xylitol Market in Other Applications by Volume (Metric Tons) and Value (USD Million)

Chart 7: 2015 Global Xylitol Installed Capacities by Country in Metric Tons

Chart 8: Global Xylitol Market Analysis (2014-2022) by Volume (Metric Tons) and Value (USD Million)

Chart 9: Global Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in Metric Tons

Chart 10: Glance at 2014, 2017 and 2022 Global Xylitol Volume Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

Chart 11: Global Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in USD Million

Chart 12: Glance at 2014, 2017 and 2022 Global Xylitol Value Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

Chart 13: Global Xylitol Market in Chewing Gum (2014-2022) by Geographic Region – North America, Europe, Asia-Pacific and Rest of World in Metric Tons

Chart 14: Glance at 2014, 2017 and 2022 Global Xylitol Volume Market Share (%) in Chewing Gum by Geographic Region – North America, Europe, Asia-Pacific and Rest of World

Chart 15: Global Xylitol Market in Chewing Gum (2014-2022) by Geographic Region – North America, Europe, Asia-Pacific and Rest of World in USD Million

Chart 16: Glance at 2014, 2017 and 2022 Global Xylitol Value Market Share (%) in Chewing Gum by Geographic Region – North America, Europe, Asia-Pacific and Rest of World

Chart 17: Global Xylitol Market in Confectionary (2014-2022) by Geographic Region – North America, Europe, Asia-Pacific and Rest of World in Metric Tons

Chart 18: Glance at 2014, 2017 and 2022 Global Xylitol Volume Market Share (%) in Confectionary by Geographic Region – North America, Europe, Asia-Pacific and Rest of World

Chart 19: Global Xylitol Market in Confectionary (2014-2022) by Geographic Region – North America, Europe, Asia-Pacific and Rest of World in USD Million

Chart 20: Glance at 2014, 2017 and 2022 Global Xylitol Value Market Share (%) in Confectionary by Geographic Region – North America, Europe, Asia-Pacific and Rest of World

Chart 21: Global Xylitol Market in Other Foods (2014-2022) by Geographic Region – North America, Europe, Asia-Pacific and Rest of World in Metric Tons

Chart 22: Glance at 2014, 2017 and 2022 Global Xylitol Volume Market Share (%) in Other Foods by Geographic Region – North America, Europe, Asia-Pacific and Rest of World

Chart 23: Global Xylitol Market in Other Foods (2014-2022) by Geographic Region – North America, Europe, Asia-Pacific and Rest of World in USD Million

Chart 24: Glance at 2014, 2017 and 2022 Global Xylitol Value Market Share (%) in Other Foods by Geographic Region – North America, Europe, Asia-Pacific and Rest of World

Chart 25: Global Xylitol Market in Personal Care Products (2014-2022) by Geographic Region – North America, Europe, Asia-Pacific and Rest of World in Metric Tons

Chart 26: Glance at 2014, 2017 and 2022 Global Xylitol Volume Market Share (%) in Personal Care Products by Geographic Region – North America, Europe, Asia-Pacific and Rest of World

Chart 27: Global Xylitol Market in Personal Care Products (2014-2022) by Geographic Region – North America, Europe, Asia-Pacific and Rest of World in USD Million

Chart 28: Glance at 2014, 2017 and 2022 Global Xylitol Value Market Share (%) in Personal Care Products by Geographic Region – North America, Europe, Asia-Pacific and Rest of World

Chart 29: Global Xylitol Market in Other Applications (2014-2022) by Geographic Region – North America, Europe, Asia-Pacific and Rest of World in Metric Tons

Chart 30: Glance at 2014, 2017 and 2022 Global Xylitol Volume Market Share (%) in Other Applications by Geographic Region - North America, Europe, Asia-Pacific and Rest of World

Chart 31: Global Xylitol Market in Other Applications (2014-2022) by Geographic Region – North America, Europe, Asia-Pacific and Rest of World in USD Million

Chart 32: Glance at 2014, 2017 and 2022 Global Xylitol Value Market Share (%) in Other Applications by Geographic Region - North America, Europe, Asia-Pacific and Rest of World

PART B: REGIONAL MARKET PERSPECTIVE

Chart 33: Global Xylitol Market Analysis (2014-2022) by Geographic Region – North America, Europe, Asia-Pacific and Rest of World in Metric Tons

Chart 34: Glance at 2014, 2017 and 2022 Global Xylitol Volume Market Share (%) by Geographic Region – North America, Europe, Asia-Pacific and Rest of World

Chart 35: Global Xylitol Market Analysis (2014-2022) by Geographic Region – North America, Europe, Asia-Pacific and Rest of World in USD Million

Chart 36: Glance at 2014, 2017 and 2022 Global Xylitol Value Market Share (%) by Geographic Region – North America, Europe, Asia-Pacific and Rest of World

REGIONAL MARKET OVERVIEW

NORTH AMERICA

Chart 37: North American Xylitol Market Analysis (2014-2022) by Volume (Metric Tons) and Value (USD Million)

Chart 38: North American Xylitol Market Analysis (2014-2022) by Geographic Region – United States, Canada and Mexico in Metric Tons

Chart 39: Glance at 2014, 2017 and 2022 North American Xylitol Volume Market Share (%) by Geographic Region – United States, Canada and Mexico

Chart 40: North American Xylitol Market Analysis (2014-2022) by Geographic Region – United States, Canada and Mexico in USD Million

Chart 41: Glance at 2014, 2017 and 2022 North American Xylitol Value Market Share (%) by Geographic Region – United States, Canada and Mexico

Chart 42: North American Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in Metric Tons

Chart 43: Glance at 2014, 2017 and 2022 North American Xylitol Volume Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

Chart 44: North American Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in USD Million

Chart 45: Glance at 2014, 2017 and 2022 North American Xylitol Value Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

The United States

Chart 46: United States Xylitol Market Analysis (2014-2022) by Volume (Metric Tons) and Value (USD Million)

Chart 47: United States Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in Metric Tons

Chart 48: Glance at 2014, 2017 and 2022 United States Xylitol Volume Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

Chart 49: United States Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in USD Million

Chart 50: Glance at 2014, 2017 and 2022 United States Xylitol Value Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care

and Others

Canada

Chart 51: Canada Xylitol Market Analysis (2014-2022) by Volume (Metric Tons) and Value (USD Million)

Chart 52: Canada Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in Metric Tons

Chart 53: Glance at 2014, 2017 and 2022 Canada Xylitol Volume Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

Chart 54: Canada Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in USD Million

Chart 55: Glance at 2014, 2017 and 2022 Canada Xylitol Value Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

Mexico

Chart 56: Mexico Xylitol Market Analysis (2014-2022) by Volume (Metric Tons) and Value (USD Million)

Chart 57: Mexico Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in Metric Tons

Chart 58: Glance at 2014, 2017 and 2022 Mexico Xylitol Volume Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

Chart 59: Mexico Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in USD Million

Chart 60: Glance at 2014, 2017 and 2022 Mexico Xylitol Value Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

EUROPE

Chart 61: European Xylitol Market Analysis (2014-2022) by Volume (Metric Tons) and Value (USD Million)

Chart 62: European Xylitol Market Analysis (2014-2022) by Geographic Region – Germany, France, Italy, Spain, UK, Finland, Russia and Rest of Europe in Metric Tons

Chart 63: Glance at 2014, 2017 and 2022 European Xylitol Volume Market Share (%) by Geographic Region – Germany, France, Italy, Spain, UK, Finland, Russia and Rest of Europe

Chart 64: European Xylitol Market Analysis (2014-2022) by Geographic Region – Germany, France, Italy, Spain, UK, Finland, Russia and Rest of Europe in USD Million

Chart 65: Glance at 2014, 2017 and 2022 European Xylitol Value Market Share (%) by Geographic Region – Germany, France, Italy, Spain, UK, Finland, Russia and Rest of Europe

Chart 66: European Xylitol Market Analysis (2014-2022) by End-use Application –

Chewing Gum, Confectionary, Other Foods, Personal Care and Others in Metric Tons

Chart 67: Glance at 2014, 2017 and 2022 North American Xylitol Volume Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

Chart 68: European Xylitol Market Analysis (2014-2022) by End-use Application –

Chewing Gum, Confectionary, Other Foods, Personal Care and Others in USD Million

Chart 69: Glance at 2014, 2017 and 2022 North American Xylitol Value Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

Germany

Chart 70: Germany Xylitol Market Analysis (2014-2022) by Volume (Metric Tons) and Value (USD Million)

Chart 71: Germany Xylitol Market Analysis (2014-2022) by End-use Application –

Chewing Gum, Confectionary, Other Foods, Personal Care and Others in Metric Tons

Chart 72: Glance at 2014, 2017 and 2022 Germany Xylitol Volume Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

Chart 73: Germany Xylitol Market Analysis (2014-2022) by End-use Application –

Chewing Gum, Confectionary, Other Foods, Personal Care and Others in USD Million

Chart 74: Glance at 2014, 2017 and 2022 Germany Xylitol Value Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

France

Chart 75: France Xylitol Market Analysis (2014-2022) by Volume (Metric Tons) and Value (USD Million)

Chart 76: France Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in Metric Tons

Chart 77: Glance at 2014, 2017 and 2022 France Xylitol Volume Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

Chart 78: France Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in USD Million

Chart 79: Glance at 2014, 2017 and 2022 France Xylitol Value Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

Italy

Chart 80: Italy Xylitol Market Analysis (2014-2022) by Volume (Metric Tons) and Value (USD Million)

Chart 81: Italy Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in Metric Tons

Chart 82: Glance at 2014, 2017 and 2022 Italy Xylitol Volume Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

Chart 83: Italy Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in USD Million

Chart 84: Glance at 2014, 2017 and 2022 Italy Xylitol Value Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

Spain

Chart 85: Spain Xylitol Market Analysis (2014-2022) by Volume (Metric Tons) and Value (USD Million)

Chart 86: Spain Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in Metric Tons

Chart 87: Glance at 2014, 2017 and 2022 Spain Xylitol Volume Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

Chart 88: Spain Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in USD Million

Chart 89: Glance at 2014, 2017 and 2022 Spain Xylitol Value Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

The United Kingdom

Chart 90: United Kingdom Xylitol Market Analysis (2014-2022) by Volume (Metric Tons) and Value (USD Million)

Chart 91: United Kingdom Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in Metric Tons

Chart 92: Glance at 2014, 2017 and 2022 United Kingdom Xylitol Volume Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

Chart 93: United Kingdom Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in USD Million

Chart 94: Glance at 2014, 2017 and 2022 United Kingdom Xylitol Value Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

Finland

Chart 95: Finland Xylitol Market Analysis (2014-2022) by Volume (Metric Tons) and Value (USD Million)

Chart 96: Finland Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in Metric Tons

Chart 97: Glance at 2014, 2017 and 2022 Finland Xylitol Volume Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

Chart 98: Finland Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in USD Million

Chart 99: Glance at 2014, 2017 and 2022 Finland Xylitol Value Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

Russia

Chart 100: Russia Xylitol Market Analysis (2014-2022) by Volume (Metric Tons) and Value (USD Million)

Chart 101: Russia Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in Metric Tons

Chart 102: Glance at 2014, 2017 and 2022 Russia Xylitol Volume Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

Chart 103: Russia Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in USD Million

Chart 104: Glance at 2014, 2017 and 2022 Russia Xylitol Value Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

Rest of Europe

Chart 105: Rest of Europe Xylitol Market Analysis (2014-2022) by Volume (Metric Tons) and Value (USD Million)

Chart 106: Rest of Europe Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in Metric Tons

Chart 107: Glance at 2014, 2017 and 2022 Rest of Europe Xylitol Volume Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

Chart 108: Rest of Europe Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in USD Million

Chart 109: Glance at 2014, 2017 and 2022 Rest of Europe Xylitol Value Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

ASIA-PACIFIC

Chart 110: Asia-Pacific Xylitol Market Analysis (2014-2022) by Volume (Metric Tons) and Value (USD Million)

Chart 111: Asia-Pacific Xylitol Market Analysis (2014-2022) by Geographic Region – China, Japan, South Korea, Australia, India and Rest of APAC in Metric Tons

Chart 112: Glance at 2014, 2017 and 2022 Asia-Pacific Xylitol Volume Market Share (%) by Geographic Region – China, Japan, South Korea, Australia, India and Rest of APAC

Chart 113: Asia-Pacific Xylitol Market Analysis (2014-2022) by Geographic Region – China, Japan, South Korea, Australia, India and Rest of APAC in USD Million

Chart 114: Glance at 2014, 2017 and 2022 Asia-Pacific Xylitol Value Market Share (%) by Geographic Region – China, Japan, South Korea, Australia, India and Rest of APAC

Chart 115: Asia-Pacific Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in Metric Tons

Chart 116: Glance at 2014, 2017 and 2022 Asia-Pacific Xylitol Volume Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

Chart 117: Asia-Pacific Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in USD Million

Chart 118: Glance at 2014, 2017 and 2022 Asia-Pacific Xylitol Value Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

China

Chart 119: China Xylitol Market Analysis (2014-2022) by Volume (Metric Tons) and Value (USD Million)

Chart 120: China Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in Metric Tons

Chart 121: Glance at 2014, 2017 and 2022 China Xylitol Volume Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

Chart 122: China Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in USD Million

Chart 123: Glance at 2014, 2017 and 2022 China Xylitol Value Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

Japan

Chart 124: Japan Xylitol Market Analysis (2014-2022) by Volume (Metric Tons) and

Value (USD Million)

Chart 125: Japan Xylitol Market Analysis (2014-2022) by End-use Application –

Chewing Gum, Confectionary, Other Foods, Personal Care and Others in Metric Tons

Chart 126: Glance at 2014, 2017 and 2022 Japan Xylitol Volume Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

Chart 127: Japan Xylitol Market Analysis (2014-2022) by End-use Application –

Chewing Gum, Confectionary, Other Foods, Personal Care and Others in USD Million

Chart 128: Glance at 2014, 2017 and 2022 Japan Xylitol Value Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

South Korea

Chart 129: South Korea Xylitol Market Analysis (2014-2022) by Volume (Metric Tons) and Value (USD Million)

Chart 130: South Korea Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in Metric Tons

Chart 131: Glance at 2014, 2017 and 2022 South Korea Xylitol Volume Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

Chart 132: South Korea Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in USD Million

Chart 133: Glance at 2014, 2017 and 2022 South Korea Xylitol Value Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

Australia

Chart 134: Australia Xylitol Market Analysis (2014-2022) by Volume (Metric Tons) and Value (USD Million)

Chart 135: Australia Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in Metric Tons

Chart 136: Glance at 2014, 2017 and 2022 Australia Xylitol Volume Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

Chart 137: Australia Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in USD Million

Chart 138: Glance at 2014, 2017 and 2022 Australia Xylitol Value Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

India

Chart 139: India Xylitol Market Analysis (2014-2022) by Volume (Metric Tons) and

Value (USD Million)

Chart 140: India Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in Metric Tons

Chart 141: Glance at 2014, 2017 and 2022 India Xylitol Volume Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

Chart 142: India Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in USD Million

Chart 143: Glance at 2014, 2017 and 2022 India Xylitol Value Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

Rest of APAC

Chart 144: Rest of APAC Xylitol Market Analysis (2014-2022) by Volume (Metric Tons) and Value (USD Million)

Chart 145: Rest of APAC Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in Metric Tons

Chart 146: Glance at 2014, 2017 and 2022 Rest of APAC Xylitol Volume Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

Chart 147: Rest of APAC Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in USD Million

Chart 148: Glance at 2014, 2017 and 2022 Rest of APAC Xylitol Value Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

REST OF WORLD

Chart 149: Rest of World Xylitol Market Analysis (2014-2022) by Volume (Metric Tons) and Value (USD Million)

Chart 150: Rest of World Xylitol Market Analysis (2014-2022) by Geographic Region – South America, Middle East & Africa and Other CIS Countries (ex. Russia) in Metric Tons

Chart 151: Glance at 2014, 2017 and 2022 Rest of World Xylitol Volume Market Share (%) by Geographic Region – South America, Middle East & Africa and Other CIS Countries (ex. Russia)

Chart 152: Rest of World Xylitol Market Analysis (2014-2022) by Geographic Region – South America, Middle East & Africa and Other CIS Countries (ex. Russia) in USD Million

Chart 153: Glance at 2014, 2017 and 2022 Rest of World Xylitol Value Market Share

(%) by Geographic Region – South America, Middle East & Africa and Other CIS Countries (ex. Russia)

Chart 154: Rest of World Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in Metric Tons

Chart 155: Glance at 2014, 2017 and 2022 Rest of World Xylitol Volume Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

Chart 156: Rest of World Xylitol Market Analysis (2014-2022) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others in USD Million

Chart 157: Glance at 2014, 2017 and 2022 Rest of World Xylitol Value Market Share (%) by End-use Application – Chewing Gum, Confectionary, Other Foods, Personal Care and Others

List Of Tables

LIST OF TABLES:

Table 1: Categories of Alternative Sweeteners (or Sugar Substitutes)

Table 2: Relative Sweetness of High Intense Sweeteners

Table 3: Steviol Glycosides in Stevia Leaves

Table 4: Sweetness Profile of Polyols

Table 5: Physical and Chemical Properties of Polyols

Table 6: Properties of Xylitol

Table 7: Overweight (body mass index ≥ 25) (age-standardized estimate) Data by WHO region

Table 8: Obesity (body mass index ≥ 30) (age-standardized estimate) Data by WHO region

Table 9: Top ten countries/territories for number of people with diabetes (20-79 years), 2015 and 2040

Table 10: Top ten countries/territories for the number of people with impaired glucose tolerance (20-79 years), 2015 and 2040

Table 11: JECFA's Standards for High Intense Sweeteners

Table 12: Polyols Usage Standards in the European Union

Table 13: Health Claims Approved for Polyols Usage in the European Union

Table 14: Designated and Approved Sweeteners in Japan and Usage Limits

Table 15: Calorific Values Set for Polyols in Japan

Table 16: List of Sweeteners for use in Foods

Table 17: List of Sweeteners for use in Bread and Biscuits

Table 18: List of Sweeteners for use in Other Food products

Table 19: List of Nutritional Claims including Nutrient Comparative Claims in India

Table 20: The Varieties of Sweeteners Permitted to Use, the Use Scope and the Max Limit in China

Table 21: 2015 Global Xylitol Installed Capacities by Major Manufacturer in Metric Tons

Table 22: Planned Capacities by Major Manufacturers during 2010-2014 Period

Table 23: Major Patents Filed/Granted in the Field of Xylitol Production through Chemical Processes

Table 24: Major Patents Filed/Granted in the Field of Xylitol Production through Microbial Processes

Table 25: Other Important Patents Filed/Granted in the Field of Xylitol Production (Chemical/Microbial)

About

The number of individuals afflicted with type 2 diabetes has been increasing at a fast pace, necessitating that priority status is provided to identify the components that either contribute to or are associated with this disease. Excessive weight gain has been a major factor that has been associated with the incidence of type 2 diabetes, with reduction in weight being high on the recommendations list of preventing and managing diabetes. In this context, low-calorie sweeteners offer an ideal substitute to added sugars, with the potential of assisting in losing and maintaining weight through limiting intake of calories, factors that have been corroborated through widespread research conducted for this purpose. Individuals with type 2 diabetes who replace sugars with low-calorie sweeteners are provided with a greater adaptability as regards their health goals and dietary preferences.

The World Health Organization (WHO) estimates that on an annual basis, 2.8 million people die as a consequence of being overweight that includes obesity and roughly 35.8 million (2.3%) of global DALYs (disability-adjusted life- years) result from overweight or obesity. These conditions are found to be the cause of adverse metabolic effects on blood pressure, cholesterol, triglycerides and insulin resistance. An increase in body mass index (BMI), a measure of weight relative to height, has proven to have a direct link with greater risks of coronary heart disease, ischemic stroke and type 2 diabetes mellitus. The ideal median BMI for adult populations in achieving optimal health should range between 21 to 23 kg/m², with the ultimate aim for individuals being to maintain a BMI between 18.5 to 24.9 kg/m². The risk of co-morbidities increases for BMIs in the range of 25.0 to 29.9 kg/m², with the same increasing to moderate to severe levels for a BMI exceeding 30 kg/m².

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