

# North America Bio-Photonics Market (2016-2022)

<https://marketpublishers.com/r/NA778001B3EEN.html>

Date: March 2017

Pages: 74

Price: US\$ 1,500.00 (Single User License)

ID: NA778001B3EEN

## Abstracts

Biophotonics is used to analyse molecular mechanisms, functions, and structures in biology. The technology is used to study light-tissue interactions at the micro-, nano-, and macro-organism level to detect, diagnose, and treat diseases in medicine. Additionally, it helps in emission, detection, absorption, reflection, modification, and creation of radiation from biomolecules, cells, tissues, organisms, and biomaterials.

In 2015, medical diagnostics held the maximum market share of about 68%, in terms of revenue. Technological advancements in the field of diagnostics, rise in incidences of chronic diseases, and growing awareness about healthcare are the factors that would contribute to the growth of the biophotonics market. The growing geriatric population has driven the need for medical diagnostics, which would drive the market growth significantly.

In 2015, the North America held the maximum market share within the global biophotonics market. Factors such as rising incidences of chronic disorders, growing demand for non-invasive and nonionizing diagnostic modalities, and introduction of new and advanced technologies in the field of diagnostics and imaging would fuel the growth of the biophotonics market.

The report highlights the adoption of Bio-Photonics in North America. Based on End User, the market is segmented into Tests & Components, Medical Therapeutics, Medical Diagnostics and Non-Medical Application. Based on Technology, the market is segmented into In-Vivo and In-Vitro. Based on Application, the market is segmented into See-Through Imaging, Microscopy, Inside Imaging, Spectro Molecular, Analytics Sensing, Light Therapy, Surface Imaging and Biosensors. The countries included in the report are U.S, Canada, Mexico and Rest of North America.

## Contents

### **CHAPTER 1. MARKET SCOPE & METHODOLOGY**

- 1.1 Market Definition
- 1.2 Objectives
- 1.3 Market Scope
- 1.4 Segmentation
  - 1.4.1 North America Bio-Photonics Market, by End User
  - 1.4.2 North America Bio-Photonics Market, by Technology
  - 1.4.3 North America Bio-Photonics Market, by Application
  - 1.4.4 North America Bio-Photonics Market, by Country
- 1.5 Methodology for the research

### **CHAPTER 2. MARKET OVERVIEW**

- 2.1 Introduction
- 2.2 Key Influencing Factors
  - 2.2.1 Drivers
  - 2.2.2 Restraints
- 2.3 North America Bio-Photonics Market - By Country
- 2.4 North America Bio-Photonics Market - By End User
- 2.5 North America Bio-Photonics Market - By Technology
- 2.6 North America Bio-Photonics Market - By Application

### **CHAPTER 3. NORTH AMERICA BIO-PHOTONICS MARKET - BY END USER**

- 3.1 North America Tests & Components Market - By Country
- 3.2 North America Medical Therapeutics Market - By Country
- 3.3 North America Medical Diagnostics Market - By Country
- 3.4 North America Non-Medical Application Market - By Country

### **CHAPTER 4. NORTH AMERICA BIO-PHOTONICS MARKET - BY TECHNOLOGY**

- 4.1 North America In-Vivo Technology Market - By Country
- 4.2 North America In-Vitro Technology Market - By Country

### **CHAPTER 5. NORTH AMERICA BIO-PHOTONICS MARKET - BY APPLICATION**

- 5.1 North America See-Through Imaging Market - By Country
- 5.2 North America Microscopy Market - By Country
- 5.3 North America Inside Imaging Market - By Country
- 5.4 North America Spectro Molecular Market - By Country
- 5.5 North America Analytics Sensing Market - By Country
- 5.6 North America Light Therapy Market - By Country
- 5.7 North America Surface Imaging Market - By Country
- 5.8 North America Biosensors Market - By Country

## **CHAPTER 6. COUNTRY LEVEL ANALYSIS**

- 6.1 U. S Bio-Photonics Market
  - 6.1.1 U. S Bio-Photonics Market - By End User
  - 6.1.2 U. S Bio-Photonics Market - By Technology
  - 6.1.3 U. S Bio-Photonics Market - By Application
- 6.2 Canada Bio-Photonics Market
  - 6.2.1 Canada Bio-Photonics Market - By End User
  - 6.2.2 Canada Bio-Photonics Market - By Technology
  - 6.2.3 Canada Bio-Photonics Market - By Application
- 6.3 Mexico Bio-Photonics Market
  - 6.3.1 Mexico Bio-Photonics Market - By End User
  - 6.3.2 Mexico Bio-Photonics Market - By Technology
  - 6.3.3 Mexico Bio-Photonics Market - By Application
- 6.4 Rest of North America Bio-Photonics Market
  - 6.4.1 Rest of North America Bio-Photonics Market - By End User
  - 6.4.2 Rest of North America Bio-Photonics Market - By Technology
  - 6.4.3 Rest of North America Bio-Photonics Market - By Application

## **CHAPTER 7. COMPANY PROFILES**

- 7.1 Oxford Instruments
  - 7.1.1 Company Overview
  - 7.1.2 Financial Analysis
  - 7.1.3 Segmental and Regional Analysis
  - 7.1.4 Research & Development Expense
- 7.2 Thermo Fisher Scientific
  - 7.2.1 Company Overview
  - 7.2.2 Financial Analysis
  - 7.2.3 Segmental and Regional Analysis

- 7.2.4 Research & Development Expense
- 7.3 Lumenis Ltd.
  - 7.3.1 Company Overview
- 7.4 Carl Zeiss AG
  - 7.4.1 Company Overview
  - 7.4.2 Financial Analysis
  - 7.4.3 Segmental and Regional Analysis
  - 7.4.4 Research & Development Expense
- 7.5 Olympus Corporation
  - 7.5.1 Company Overview
  - 7.5.2 Financial Analysis
  - 7.5.3 Segmental and Regional Analysis
  - 7.5.4 Research & Development Expense
- 7.6 Hamamatsu Photonics K.K.
  - 7.6.1 Company Overview
  - 7.6.2 Financial Analysis
  - 7.6.3 Research & Development Expense
- 7.7 Becton, Dickinson and Company
  - 7.7.1 Company Overview
  - 7.7.2 Financial Analysis
  - 7.7.3 Segmental and Regional Analysis
  - 7.7.4 Research & Development Expense
- 7.8 Perkinelmer, Inc.
  - 7.8.1 Company Overview
  - 7.8.2 Financial Analysis
  - 7.8.3 Segmental Analysis

## List Of Tables

### LIST OF TABLES

TABLE 1 NORTH AMERICA BIO-PHOTONICS MARKET (\$MILLION): 2012-2015

TABLE 2 NORTH AMERICA BIO-PHOTONICS MARKET (\$MILLION): 2016-2022

TABLE 3 NORTH AMERICA BIO-PHOTONICS MARKET - BY COUNTRY (\$MILLION):  
2012-2015

TABLE 4 NORTH AMERICA BIO-PHOTONICS MARKET - BY COUNTRY (\$MILLION):  
2016-2022

TABLE 5 NORTH AMERICA BIO-PHOTONICS MARKET - BY END USER (\$MILLION):  
2012-2015

TABLE 6 NORTH AMERICA BIO-PHOTONICS MARKET - BY END USER (\$MILLION):  
2016-2022

TABLE 7 NORTH AMERICA TESTS & COMPONENTS MARKET - BY COUNTRY  
(\$MILLION): 2012-2015

TABLE 8 NORTH AMERICA TESTS & COMPONENTS MARKET - BY COUNTRY  
(\$MILLION): 2016-2022

TABLE 9 NORTH AMERICA MEDICAL THERAPEUTICS MARKET - BY COUNTRY  
(\$MILLION): 2012-2015

TABLE 10 NORTH AMERICA MEDICAL THERAPEUTICS MARKET - BY COUNTRY  
(\$MILLION): 2016-2022

TABLE 11 NORTH AMERICA MEDICAL DIAGNOSTICS MARKET - BY COUNTRY  
(\$MILLION): 2012-2015

TABLE 12 NORTH AMERICA MEDICAL DIAGNOSTICS MARKET - BY COUNTRY  
(\$MILLION): 2016-2022

TABLE 13 NORTH AMERICA NON-MEDICAL APPLICATION MARKET - BY  
COUNTRY (\$MILLION): 2012-2015

TABLE 14 NORTH AMERICA NON-MEDICAL APPLICATION MARKET - BY  
COUNTRY (\$MILLION): 2016-2022

TABLE 15 NORTH AMERICA BIO-PHOTONICS MARKET - BY TECHNOLOGY  
(\$MILLION): 2012-2015

TABLE 16 NORTH AMERICA BIO-PHOTONICS MARKET - BY TECHNOLOGY  
(\$MILLION): 2016-2022

TABLE 17 NORTH AMERICA IN-VIVO TECHNOLOGY MARKET - BY COUNTRY  
(\$MILLION): 2012-2015

TABLE 18 NORTH AMERICA IN-VIVO TECHNOLOGY MARKET - BY COUNTRY  
(\$MILLION): 2016-2022

TABLE 19 NORTH AMERICA IN-VITRO TECHNOLOGY MARKET - BY COUNTRY

(\$MILLION): 2012-2015

TABLE 20 NORTH AMERICA IN-VITRO TECHNOLOGY MARKET - BY COUNTRY

(\$MILLION): 2016-2022

TABLE 21 NORTH AMERICA BIO-PHOTONICS MARKET - BY APPLICATION

(\$MILLION): 2012-2015

TABLE 22 NORTH AMERICA BIO-PHOTONICS MARKET - BY APPLICATION

(\$MILLION): 2016-2022

TABLE 23 NORTH AMERICA SEE-THROUGH IMAGING MARKET - BY COUNTRY

(\$MILLION): 2012-2015

TABLE 24 NORTH AMERICA SEE-THROUGH IMAGING MARKET - BY COUNTRY

(\$MILLION): 2016-2022

TABLE 25 NORTH AMERICA MICROSCOPY MARKET - BY COUNTRY (\$MILLION):  
2012-2015

TABLE 26 NORTH AMERICA MICROSCOPY MARKET - BY COUNTRY (\$MILLION):  
2016-2022

TABLE 27 NORTH AMERICA INSIDE IMAGING MARKET - BY COUNTRY

(\$MILLION): 2012-2015

TABLE 28 NORTH AMERICA INSIDE IMAGING MARKET - BY COUNTRY

(\$MILLION): 2016-2022

TABLE 29 NORTH AMERICA SPECTRO MOLECULAR MARKET - BY COUNTRY

(\$MILLION): 2012-2015

TABLE 30 NORTH AMERICA SPECTRO MOLECULAR MARKET - BY COUNTRY

(\$MILLION): 2016-2022

TABLE 31 NORTH AMERICA ANALYTICS SENSING MARKET - BY COUNTRY

(\$MILLION): 2012-2015

TABLE 32 NORTH AMERICA ANALYTICS SENSING MARKET - BY COUNTRY

(\$MILLION): 2016-2022

TABLE 33 NORTH AMERICA LIGHT THERAPY MARKET - BY COUNTRY

(\$MILLION): 2012-2015

TABLE 34 NORTH AMERICA LIGHT THERAPY MARKET - BY COUNTRY

(\$MILLION): 2016-2022

TABLE 35 NORTH AMERICA SURFACE IMAGING MARKET - BY COUNTRY

(\$MILLION): 2012-2015

TABLE 36 NORTH AMERICA SURFACE IMAGING MARKET - BY COUNTRY

(\$MILLION): 2016-2022

TABLE 37 NORTH AMERICA BIOSENSORS MARKET - BY COUNTRY (\$MILLION):  
2012-2015

TABLE 38 NORTH AMERICA BIOSENSORS MARKET - BY COUNTRY (\$MILLION):  
2016-2022

TABLE 39 U. S BIO-PHOTONICS MARKET (\$MILLION): 2012-2015

TABLE 40 U. S BIO-PHOTONICS MARKET (\$MILLION): 2016-2022

TABLE 41 U. S BIO-PHOTONICS MARKET - BY END USER (\$MILLION): 2012-2015

TABLE 42 U. S BIO-PHOTONICS MARKET - BY END USER (\$MILLION): 2016-2022

TABLE 43 U. S BIO-PHOTONICS MARKET - BY TECHNOLOGY (\$MILLION):  
2012-2015

TABLE 44 U. S BIO-PHOTONICS MARKET - BY TECHNOLOGY (\$MILLION):  
2016-2022

TABLE 45 U. S BIO-PHOTONICS MARKET - BY APPLICATION (\$MILLION):  
2012-2015

TABLE 46 U. S BIO-PHOTONICS MARKET - BY APPLICATION (\$MILLION):  
2016-2022

TABLE 47 CANADA BIO-PHOTONICS MARKET (\$MILLION): 2012-2015

TABLE 48 CANADA BIO-PHOTONICS MARKET (\$MILLION): 2016-2022

TABLE 49 CANADA BIO-PHOTONICS MARKET - BY END USER (\$MILLION):  
2012-2015

TABLE 50 CANADA BIO-PHOTONICS MARKET - BY END USER (\$MILLION):  
2016-2022

TABLE 51 CANADA BIO-PHOTONICS MARKET - BY TECHNOLOGY (\$MILLION):  
2012-2015

TABLE 52 CANADA BIO-PHOTONICS MARKET - BY TECHNOLOGY (\$MILLION):  
2016-2022

TABLE 53 CANADA BIO-PHOTONICS MARKET - BY APPLICATION (\$MILLION):  
2012-2015

TABLE 54 CANADA BIO-PHOTONICS MARKET - BY APPLICATION (\$MILLION):  
2016-2022

TABLE 55 MEXICO BIO-PHOTONICS MARKET (\$MILLION): 2012-2015

TABLE 56 MEXICO BIO-PHOTONICS MARKET (\$MILLION): 2016-2022

TABLE 57 MEXICO BIO-PHOTONICS MARKET - BY END USER (\$MILLION):  
2012-2015

TABLE 58 MEXICO BIO-PHOTONICS MARKET - BY END USER (\$MILLION):  
2016-2022

TABLE 59 MEXICO BIO-PHOTONICS MARKET - BY TECHNOLOGY (\$MILLION):  
2012-2015

TABLE 60 MEXICO BIO-PHOTONICS MARKET - BY TECHNOLOGY (\$MILLION):  
2016-2022

TABLE 61 MEXICO BIO-PHOTONICS MARKET - BY APPLICATION (\$MILLION):  
2012-2015

TABLE 62 MEXICO BIO-PHOTONICS MARKET - BY APPLICATION (\$MILLION):



2016-2022

TABLE 63 REST OF NORTH AMERICA BIO-PHOTONICS MARKET (\$MILLION):

2012-2015

TABLE 64 REST OF NORTH AMERICA BIO-PHOTONICS MARKET (\$MILLION):

2016-2022

TABLE 65 REST OF NORTH AMERICA BIO-PHOTONICS MARKET - BY END USER (\$MILLION): 2012-2015

TABLE 66 REST OF NORTH AMERICA BIO-PHOTONICS MARKET - BY END USER (\$MILLION): 2016-2022

TABLE 67 REST OF NORTH AMERICA BIO-PHOTONICS MARKET - BY TECHNOLOGY (\$MILLION): 2012-2015

TABLE 68 REST OF NORTH AMERICA BIO-PHOTONICS MARKET - BY TECHNOLOGY (\$MILLION): 2016-2022

TABLE 69 REST OF NORTH AMERICA BIO-PHOTONICS MARKET - BY APPLICATION (\$MILLION): 2012-2015

TABLE 70 REST OF NORTH AMERICA BIO-PHOTONICS MARKET - BY APPLICATION (\$MILLION): 2016-2022

TABLE 71 KEY INFORMATION – OXFORD INSTRUMENTS

TABLE 72 KEY INFORMATION – THERMO FISHER SCIENTIFIC

TABLE 73 KEY INFORMATION – LUMENIS LTD.

TABLE 74 KEY INFORMATION – CARL ZEISS AG

TABLE 75 KEY INFORMATION – OLYMPUS CORPORATION

TABLE 76 KEY INFORMATION – HAMAMATSU PHOTONICS K.K.

TABLE 77 KEY INFORMATION – BECTON DICKINSON AND COMPANY

TABLE 78 KEY INFORMATION – PERKINELMER, INC.



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