

X-Ray Detector Market by Type (FPD, CSI, Gadox, CCD, Line scan), Panel (Small, Large), Portability (Fix, Portable), System (New, Retrofit), Application (Medical, Orthopedic, Mammogram, Dental, Cardiac, Veterinary, Security) - Global Forecast to 2024

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Abstracts

“Global X-ray detectors market projected to grow at a CAGR of 6.1%.”

The X-ray detectors market is projected to reach USD 3.8 billion by 2024 from USD 2.8 billion in 2019, at a CAGR of 6.1%. Factors such as growing public and private investments in digital imaging technologies, declining prices and benefits offered by digital detectors, and reimbursement cuts for analog X-rays are driving the growth of the X-ray detectors market. The introduction of wireless X-ray detectors, growing medical tourism in developing countries, and the emerging markets are expected to provide a wide range of growth opportunities for players in the market. However, the high cost of digital X-ray systems is a major factor limiting market growth.

“Flat-panel detectors (FPDs) to account for the largest share of the market in 2019.”

By type, the X-ray detectors market is segmented into flat-panel detectors (FPDs), computed radiography (CR) detectors, charge-coupled device (CCD) detectors, and line-scan detectors. The FPDs segment is expected to account for the largest share of the market in 2019 and is also projected to register the highest CAGR during the forecast period. Advantages of FPD-based portable digital systems (such as high-quality images, faster scanning, increased patient throughput, and multiple storage options) and their decreasing prices are the key factors driving the growth of this segment.

“Portable detectors segment to account for the largest market share in 2019.”

Based on portability, the FPDs market is segmented into fixed and portable detectors. The portable detectors segment is expected to dominate this market in 2019. Technological advancements and the rising volume of orthopedic and cardiovascular procedures are driving the growth of the portable detectors market.

“Medical applications segment are expected to witness the highest growth during the forecast period.”

Based on applications, the X-ray detectors market is segmented into medical applications, dental applications, security applications, veterinary applications, and industrial applications. The medical applications segment is expected to grow at the highest CAGR during the forecast period. The growth in this segment can primarily be attributed to the advancements in medical technology, rising geriatric population, and the increasing number of orthopedic and cardiovascular procedures.

“Asia to witness high growth in the X-ray detectors market during the forecast period.”

In 2019, North America is expected to account for the largest share of the market, followed by Europe. The market in Asia is expected to register the highest CAGR during the forecast period. The high growth in this regional segment is attributed to the increasing adoption of digital imaging systems, rising disposable income, growing number of awareness programs and symposia, and growing venture capital investments.

The primary interviews conducted for this report can be categorized as follows:

By Company Type: Tier 1: 35%; Tier 2: 44%; and Tier 3: 21%

By Designation: C-level: 23%; D-level: 31%; and others: 46%

By Region: North America:60%; Europe: 12%; Asia: 24%; and the RoW: 4%

List of companies profiled in the report

Varex Imaging Corporation (US)

Thales Group (France)

Canon, Inc. (Japan)

Konica Minolta, Inc. (Japan)

Teledyne DALSA Inc. (US)

Fujifilm Holdings Corporation (Japan)

Agfa-Gevaert Group (Belgium)

Carestream Health (US)

Vieworks Co., Ltd. (South Korea)

Hamamatsu Photonics K.K. (Japan)

Analogic Corporation (US)

Rayence (South Korea)

DRTECH (South Korea)

Research Coverage

This report aims at estimating the size and future growth potential of the market across different segments, such as type, panel size, portability, system type, application, and region. Furthermore, the report also includes an in-depth competitive analysis of the key market players, along with their company profiles, recent developments, and key market strategies.

Key Benefits of Buying the Report

The report will help market leaders/new entrants by providing them the closest approximations of the revenue numbers for the overall X-ray detectors market and its subsegments. Also, this report will help stakeholders to better understand the competitive landscape and gain more insights to better position their business and make suitable go-to-market strategies. It will also enable stakeholders to understand the

pulse of the market and provide them with information on key market drivers, restraints, challenges, and opportunities.

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 MARKET SCOPE
 - 1.3.1 MARKETS COVERED
 - 1.3.2 YEARS CONSIDERED FOR THE STUDY
- 1.4 CURRENCY
- 1.5 LIMITATIONS
- 1.6 STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - 2.1.1 SECONDARY SOURCES
 - 2.1.1.1 Key data from secondary sources
 - 2.1.2 PRIMARY SOURCES
 - 2.1.2.1 Key data from primary sources
 - 2.1.2.2 Key industry insights
- 2.2 MARKET SIZE ESTIMATION
- 2.3 MARKET BREAKDOWN AND DATA TRIANGULATION
- 2.4 MARKET SHARE ESTIMATION
- 2.5 ASSUMPTIONS FOR THE STUDY

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHT

- 4.1 X-RAY DETECTORS: MARKET OVERVIEW
- 4.2 X-RAY DETECTORS MARKET, BY APPLICATION
- 4.3 X-RAY DETECTORS MARKET, BY TYPE, 2019
- 4.4 FLAT-PANEL DETECTORS MARKET, BY PORTABILITY, 2019 VS. 2024
- 4.5 X-RAY DETECTORS MARKET, BY REGION, 2019–2024

5 MARKET OVERVIEW

5.1 INTRODUCTION

X-Ray Detector Market by Type (FPD, CSI, Gadox, CCD, Line scan), Panel (Small, Large), Portability (Fix, Porta...

5.2 MARKET DYNAMICS

5.2.1 DRIVERS

- 5.2.1.1 Growing public and private investments in digital imaging technologies
- 5.2.1.2 Declining prices and benefits offered by digital detectors
- 5.2.1.3 Reimbursement cuts for analog X-rays

5.2.2 RESTRAINTS

- 5.2.2.1 High cost of digital X-ray systems

5.2.3 OPPORTUNITIES

- 5.2.3.1 Introduction of wireless X-ray detectors
- 5.2.3.2 Growing medical tourism in developing countries
- 5.2.3.3 Emerging markets provide numerous growth opportunities

6 REGULATORY SCENARIO

6.1 INTRODUCTION

6.2 FDA GUIDELINES

7 X-RAY DETECTORS MARKET, BY TYPE

7.1 INTRODUCTION

7.2 FLAT-PANEL DETECTORS

7.2.1 FLAT-PANEL DETECTORS TO DOMINATE THE X-RAY DETECTORS MARKET IN 2019

7.2.2 INDIRECT FLAT-PANEL DETECTORS

7.2.2.1 Wide usage of indirect flat-panel detectors in medical applications to drive market growth

7.2.2.2 Cesium iodide FPDs

7.2.2.2.1 Cesium iodide flat-panel detectors to dominate the indirect flat-panel detectors market in 2019

7.2.2.3 Gadolinium oxysulfide FPDs

7.2.2.3.1 Low cost of gadox flat-panel detectors to drive the growth of this segment

7.2.3 DIRECT FLAT-PANEL DETECTORS

7.2.3.1 Usage of direct flat-panel detectors in mammography applications to support market growth

7.3 COMPUTED RADIOGRAPHY DETECTORS

7.3.1 LOW QUALITY OF IMAGES, NEED FOR MANUAL HANDLING OF CASSETTES, AND THE HIGH COST OF IMAGING PLATES ARE SOME OF THE FACTORS RESTRAINING MARKET GROWTH

7.4 LINE-SCAN DETECTORS

7.4.1 WITH TECHNOLOGICAL ADVANCEMENTS IN CT, THE DEMAND FOR LINE-SCAN DETECTORS HAS INCREASED

7.5 CHARGE-COUPLED DEVICE DETECTORS

7.5.1 ADVANTAGES SUCH AS LOW COST AND VERY SHORT PROCESSING TIME TO BOOST THE DEMAND FOR CCD DETECTORS

8 FLAT-PANEL DETECTORS MARKET, BY PANEL SIZE

8.1 INTRODUCTION

8.2 LARGE-AREA FLAT-PANEL DETECTORS

8.2.1 TECHNOLOGICAL ADVANCEMENTS AND INCREASING VOLUME OF SURGICAL PROCEDURES ARE THE MAJOR FACTORS DRIVING MARKET GROWTH

8.3 SMALL-AREA FLAT-PANEL DETECTORS

8.3.1 ENT IMAGING AND DIGITAL MAMMOGRAPHY APPLICATIONS TO WITNESS HIGH DEMAND FOR SMALL-AREA FLAT-PANEL DETECTORS

9 FLAT-PANEL DETECTORS MARKET, BY PORTABILITY

9.1 INTRODUCTION

9.2 PORTABLE DETECTORS

9.2.1 LOWER RADIATION DOSE REQUIREMENTS AND LOW WEIGHT HAVE PROPELLED THE DEMAND FOR PORTABLE DETECTORS

9.3 FIXED DETECTORS

9.3.1 HIGH SPACE REQUIREMENTS HAVE RESTRICTED USE OF FIXED DETECTORS TO BIG HOSPITALS

10 FLAT-PANEL DETECTORS MARKET, BY SYSTEM

10.1 INTRODUCTION

10.2 NEW DIGITAL X-RAY SYSTEMS

10.2.1 ADVANTAGES OFFERED BY NEW DIGITAL X-RAY SYSTEMS SUCH AS HIGH-QUALITY IMAGE ACQUISITION AND FASTER IMAGE SCANNING TO BOOST THEIR DEMAND

10.3 RETROFIT X-RAY SYSTEMS

10.3.1 THE HIGH-QUALITY IMAGE ACQUISITION OFFERED BY RETROFIT SYSTEMS AS WELL AS THEIR LOW COST ARE THE MAJOR FACTORS DRIVING THEIR ADOPTION

11 X-RAY DETECTORS MARKET, BY APPLICATION

11.1 INTRODUCTION

11.2 MEDICAL APPLICATIONS

11.2.1 STATIC IMAGING

11.2.1.1 General radiography

11.2.1.1.1 Chest imaging applications

11.2.1.1.1.1 Rising prevalence of lung diseases increases the need for effective screening methods to detect chest abnormalities, which further supports the demand for X-ray detectors

11.2.1.1.2 Orthopedic applications

11.2.1.1.2.1 Growing number of orthopedic procedures to increase the demand for X-ray examinations, which will lead to higher demand for X-ray detectors

11.2.1.1.3 Other applications

11.2.1.2 Mammography

11.2.1.2.1 Rising incidence of breast cancer and technological advancements in breast imaging to drive market growth

11.2.2 DYNAMIC IMAGING

11.2.2.1 General fluoroscopy

11.2.2.1.1 Technological advancements and rising health awareness are major factors supporting the demand for general fluoroscopy procedures

11.2.2.2 Surgical imaging

11.2.2.2.1 Prolonged radiation exposure can lead to harmful effects, as a result of which surgeons hesitate to adopt X-ray technologies

11.2.2.3 Cardiovascular imaging

11.2.2.3.1 Fluoroscopic cardiovascular imaging plays a vital role in the early diagnosis and treatment of CVD—a key factor driving growth in this market segment

11.3 DENTAL APPLICATIONS

11.3.1 QUALITY OF IMAGES CAPTURED USING DENTAL DIGITAL TECHNOLOGY MUCH HIGHER THAN CONVENTIONAL X-RAYS—A KEY FACTOR DRIVING THE ADOPTION OF DIGITAL SYSTEMS

11.4 SECURITY APPLICATIONS

11.4.1 HEALTH HAZARDS ASSOCIATED WITH FULL-BODY SCANNING POSE A MAJOR CHALLENGE TO THE GROWTH OF THIS MARKET SEGMENT

11.5 VETERINARY APPLICATIONS

11.5.1 INCREASE IN NUMBER OF PETS TO DRIVE THE DEMAND FOR PET MEDICAL CARE AND BOOST THE ADOPTION OF X-RAY DETECTORS

11.6 INDUSTRIAL APPLICATIONS

11.6.1 X-RAY DETECTORS ARE USED FOR INDUSTRIAL INSPECTION OR NON-

DESTRUCTIVE TESTING (NDT)—A KEY FACTOR DRIVING GROWTH IN THIS APPLICATION SEGMENT

12 X-RAY DETECTORS MARKET, BY REGION

12.1 INTRODUCTION

12.2 NORTH AMERICA

12.2.1 US

12.2.1.1 Increasing number of regulatory approvals for new and advanced X-ray detectors to drive market growth

12.2.2 CANADA

12.2.2.1 Rising prevalence of chronic diseases to drive the adoption of X-ray detectors in Canada

12.3 EUROPE

12.3.1 GERMANY

12.3.1.1 Germany to dominate the European X-ray detectors market

12.3.2 FRANCE

12.3.2.1 France to witness the highest growth in the European X-ray detectors market during the forecast period

12.3.3 UK

12.3.3.1 Increase in the number of hospitals adopting new digital X-ray systems to support market growth

12.3.4 ITALY

12.3.4.1 The country's growing focus on security is expected to drive the adoption of advanced X-ray systems

12.3.5 SPAIN

12.3.5.1 Growth in the country's geriatric population will increase the demand for digital X-ray solutions in the country

12.3.6 REST OF EUROPE (ROE)

12.4 ASIA

12.4.1 JAPAN

12.4.1.1 Rising aging population will be a key growth factor for the Japanese market

12.4.2 CHINA

12.4.2.1 Market for retrofit X-ray systems to witness significant growth in China

12.4.3 INDIA

12.4.3.1 Indian market is witnessing a shift from analog to digital FPD-based systems

12.4.4 REST OF ASIA (ROA)

12.5 REST OF THE WORLD

12.5.1 PACIFIC COUNTRIES

12.5.1.1 Increasing patient volumes and incidence of chronic disorders will drive demand for advanced imaging equipment

12.5.2 LATIN AMERICA

12.5.2.1 Increasing number of hospitals will drive the demand for advanced imaging technologies

12.5.3 MIDDLE EAST AND AFRICA

12.5.3.1 Increase in healthcare spending has contributed to market growth

13 COMPETITIVE LANDSCAPE

13.1 OVERVIEW

13.2 MARKET SHARE ANALYSIS

13.3 COMPETITIVE LEADERSHIP MAPPING

13.3.1 VANGUARDS

13.3.2 DYNAMIC DIFFERENTIATORS

13.3.3 INNOVATORS

13.3.4 EMERGING PLAYERS

13.4 COMPETITIVE LEADERSHIP MAPPING –SME

13.4.1 PROGRESSIVE COMPANIES

13.4.2 STARTING BLOCKS

13.4.3 RESPONSIVE COMPANIES

13.4.4 DYNAMIC COMPANIES

13.5 COMPETITIVE SITUATION AND TRENDS

13.5.1 PRODUCT LAUNCHES

13.5.2 EXPANSIONS

13.5.3 ACQUISITIONS

13.5.4 AGREEMENTS, COLLABORATIONS, AND PARTNERSHIPS

14 COMPANY PROFILES

(Business Overview, Products Offered, Recent Developments, MnM View)*

14.1 VAREX IMAGING

14.2 THALES GROUP

14.3 CANON INC.

14.4 KONICA MINOLTA, INC.

14.5 AGFA-GEVAERT GROUP

14.6 CARESTREAM HEALTH (SUBSIDIARY OF ONEX CORPORATION)

14.7 FUJIFILM HOLDINGS CORPORATION

14.8 TELEDYNE DALSA, INC. (A SUBSIDIARY OF TELEDYNE TECHNOLOGIES,

INCORPORATED)

14.9 ANALOGIC CORPORATION

14.10 VIEWWORKS CO., LTD.

14.11 HAMAMATSU PHOTONICS K.K.

14.12 RAYENCE (A SUBSIDIARY RAYENCE CO. LTD.)

14.13 DRTECH

*Business Overview, Products Offered, Recent Developments, MnM View might not be captured in case of unlisted companies.

15 APPENDIX

15.1 INSIGHTS FROM INDUSTRY EXPERTS

15.2 DISCUSSION GUIDE

15.3 KNOWLEDGE STORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL

15.4 AVAILABLE CUSTOMIZATIONS

15.5 RELATED REPORTS

15.6 AUTHOR DETAILS

List Of Tables

LIST OF TABLES

TABLE 1 PUBLIC AND PRIVATE INVESTMENTS IN DIGITAL IMAGING TECHNOLOGIES

TABLE 2 PRODUCT LAUNCHES OF WIRELESS X-RAY DETECTORS

TABLE 3 COST COMPARISON OF MEDICAL PROCEDURES IN DEVELOPED AND DEVELOPING COUNTRIES, 2017 (USD)

TABLE 4 MEDICAL TOURISM: COST SAVINGS IN DEVELOPING COUNTRIES

TABLE 5 DISPOSABLE INCOMES IN EMERGING COUNTRIES, 2014 VS. 2018

TABLE 6 EMERGING COUNTRIES: HEALTHCARE EXPENDITURE (% OF GDP), 2010 VS. 2015

TABLE 7 GUIDELINES FOR MANUFACTURES

TABLE 8 X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 9 FLAT-PANEL DETECTORS MARKET, BY REGION, 2017–2024 (USD MILLION)

TABLE 10 FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 11 MEDICAL FLAT-PANEL DETECTORS MARKET, BY TYPE, 2019–2024 (UNITS)

TABLE 12 INDIRECT FLAT-PANEL DETECTORS MARKET, BY REGION, 2017–2024 (USD MILLION)

TABLE 13 MEDICAL INDIRECT FLAT-PANEL DETECTORS MARKET, BY REGION, 2017–2024 (UNITS)

TABLE 14 INDIRECT FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 15 MEDICAL INDIRECT FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (UNITS)

TABLE 16 CESIUM IODIDE FLAT-PANEL DETECTORS MARKET, BY REGION, 2017–2024 (USD MILLION)

TABLE 17 MEDICAL CESIUM IODIDE FLAT-PANEL DETECTORS MARKET, BY REGION, 2017–2024 (UNITS)

TABLE 18 GADOLINIUM OXYSULFIDE FLAT-PANEL DETECTORS MARKET, BY REGION,

2017–2024 (USD MILLION)

TABLE 19 MEDICAL GADOLINIUM OXYSULFIDE FLAT-PANEL DETECTORS

X-Ray Detector Market by Type (FPD, CSI, Gadox, CCD, Line scan), Panel (Small, Large), Portability (Fix, Porta...

MARKET, BY REGION, 2017–2024 (UNITS)

TABLE 20 DIRECT FLAT-PANEL DETECTORS MARKET, BY REGION, 2017–2024 (USD MILLION)

TABLE 21 MEDICAL DIRECT FLAT-PANEL DETECTORS MARKET, BY REGION, 2017–2024 (UNITS)

TABLE 22 CR DETECTORS MARKET, BY REGION, 2017–2024 (USD MILLION)

TABLE 23 LINE-SCAN DETECTORS MARKET, BY REGION, 2017–2024 (USD MILLION)

TABLE 24 CCD DETECTORS MARKET, BY REGION, 2017–2024 (USD MILLION)

TABLE 25 FLAT-PANEL DETECTORS MARKET, BY PANEL SIZE, 2017–2024 (USD MILLION)

TABLE 26 LARGE-AREA FLAT-PANEL DETECTORS MARKET, BY REGION, 2017–2024 (USD MILLION)

TABLE 27 SMALL-AREA FLAT-PANEL DETECTORS MARKET, BY REGION, 2017–2024 (USD MILLION)

TABLE 28 FLAT-PANEL DETECTORS MARKET, BY PORTABILITY, 2017-2024 (USD MILLION)

TABLE 29 PORTABLE FLAT-PANEL DETECTORS MARKET, BY REGION, 2017-2024 (USD MILLION)

TABLE 30 FIXED FLAT-PANEL DETECTORS MARKET, BY REGION, 2017-2024 (USD MILLION)

TABLE 31 FLAT-PANEL DETECTORS MARKET, BY SYSTEM, 2017–2024 (USD MILLION)

TABLE 32 FLAT-PANEL DETECTORS MARKET FOR NEW DIGITAL X-RAY SYSTEMS, BY REGION, 2017–2024 (USD MILLION)

TABLE 33 FLAT-PANEL DETECTORS MARKET FOR RETROFIT X-RAY SYSTEMS, BY REGION, 2017–2024 (USD MILLION)

TABLE 34 X-RAY DETECTORS MARKET, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 35 X-RAY DETECTORS MARKET FOR MEDICAL APPLICATIONS, BY REGION, 2017–2024 (USD MILLION)

TABLE 36 X-RAY DETECTORS MARKET FOR MEDICAL APPLICATIONS, BY TYPE, 2017–2024 (USD MILLION)

TABLE 37 STATIC IMAGING X-RAY DETECTORS MARKET, BY REGION, 2017–2024 (USD MILLION)

TABLE 38 STATIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 39 GENERAL RADIOGRAPHY X-RAY DETECTORS MARKET, BY REGION, 2017–2024 (USD MILLION)

TABLE 40 GENERAL RADIOGRAPHY X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 41 GENERAL RADIOGRAPHY X-RAY DETECTORS MARKET FOR CHEST IMAGING APPLICATIONS, BY REGION, 2017–2024 (USD MILLION)

TABLE 42 GENERAL RADIOGRAPHY X-RAY DETECTORS MARKET FOR ORTHOPEDIC APPLICATIONS, BY REGION, 2017–2024 (USD MILLION)

TABLE 43 GENERAL RADIOGRAPHY X-RAY DETECTORS MARKET FOR OTHER APPLICATIONS, BY REGION, 2017–2024 (USD MILLION)

TABLE 44 MAMMOGRAPHY X-RAY DETECTORS MARKET, BY REGION, 2017–2024 (USD MILLION)

TABLE 45 DYNAMIC IMAGING X-RAY DETECTORS MARKET, BY REGION, 2017–2024 (USD MILLION)

TABLE 46 DYNAMIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 47 DYNAMIC IMAGING X-RAY DETECTORS MARKET FOR GENERAL FLUOROSCOPY, BY REGION, 2017–2024 (USD MILLION)

TABLE 48 DYNAMIC IMAGING X-RAY DETECTORS MARKET FOR SURGICAL IMAGING, BY REGION, 2017–2024 (USD MILLION)

TABLE 49 DYNAMIC IMAGING X-RAY DETECTORS MARKET FOR CARDIOVASCULAR IMAGING, BY REGION, 2017–2024 (USD MILLION)

TABLE 50 X-RAY DETECTORS MARKET FOR DENTAL APPLICATIONS, BY REGION, 2017–2024 (USD MILLION)

TABLE 51 X-RAY DETECTORS MARKET FOR SECURITY APPLICATIONS, BY REGION, 2017–2024 (USD MILLION)

TABLE 52 X-RAY DETECTORS MARKET FOR VETERINARY APPLICATIONS, BY REGION, 2017–2024 (USD MILLION)

TABLE 53 X-RAY DETECTORS MARKET FOR INDUSTRIAL APPLICATIONS, BY REGION, 2017–2024 (USD MILLION)

TABLE 54 X-RAY DETECTORS MARKET, BY REGION, 2017–2024 (USD MILLION)

TABLE 55 NORTH AMERICA: X-RAY DETECTORS MARKET, BY COUNTRY, 2017–2024 (USD MILLION)

TABLE 56 NORTH AMERICA: X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 57 NORTH AMERICA: FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 58 NORTH AMERICA: INDIRECT FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 59 NORTH AMERICA: FLAT-PANEL DETECTORS MARKET, BY PANEL SIZE, 2017–2024 (USD MILLION)

TABLE 60 NORTH AMERICA: FLAT-PANEL DETECTORS MARKET, BY PORTABILITY, 2017–2024 (USD MILLION)

TABLE 61 NORTH AMERICA: FLAT-PANEL DETECTORS MARKET, BY SYSTEM, 2017–2024 (USD MILLION)

TABLE 62 NORTH AMERICA: X-RAY DETECTORS MARKET, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 63 NORTH AMERICA: X-RAY DETECTORS MARKET FOR MEDICAL APPLICATIONS, BY TYPE, 2017–2024 (USD MILLION)

TABLE 64 NORTH AMERICA: STATIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 65 NORTH AMERICA: GENERAL RADIOGRAPHY X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 66 NORTH AMERICA: DYNAMIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 67 US: X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 68 US: FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 69 US: INDIRECT FLAT-PANEL DETECTORS MARKET, BY TYPE,

2017–2024 (USD MILLION)

TABLE 70 US: FLAT-PANEL DETECTORS MARKET, BY PANEL SIZE, 2017–2024 (USD MILLION)

TABLE 71 US: FLAT-PANEL DETECTORS MARKET, BY PORTABILITY, 2017–2024 (USD MILLION)

TABLE 72 US: FLAT-PANEL DETECTORS MARKET, BY SYSTEM, 2017–2024 (USD MILLION)

TABLE 73 US: X-RAY DETECTORS MARKET, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 74 US: X-RAY DETECTORS MARKET FOR MEDICAL APPLICATIONS, BY TYPE, 2017–2024 (USD MILLION)

TABLE 75 US: STATIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 76 US: DYNAMIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 77 CANADA: X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 78 CANADA: FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 79 CANADA: INDIRECT FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 80 CANADA: FLAT-PANEL DETECTORS MARKET, BY PANEL SIZE, 2017–2024 (USD MILLION)

TABLE 81 CANADA: FLAT-PANEL DETECTORS MARKET, BY PORTABILITY, 2017–2024 (USD MILLION)

TABLE 82 CANADA: FLAT-PANEL DETECTORS MARKET, BY SYSTEM, 2017–2024 (USD MILLION)

TABLE 83 CANADA: X-RAY DETECTORS MARKET, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 84 CANADA: X-RAY DETECTORS MARKET FOR MEDICAL APPLICATIONS, BY TYPE, 2017–2024 (USD MILLION)

TABLE 85 CANADA: STATIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 86 CANADA: DYNAMIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 87 EUROPE: X-RAY DETECTORS MARKET, BY COUNTRY, 2017–2024 (USD MILLION)

TABLE 88 EUROPE: X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 89 EUROPE: FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 90 EUROPE: INDIRECT FPDS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 91 EUROPE: FLAT-PANEL DETECTORS MARKET, BY PANEL SIZE, 2017–2024 (USD MILLION)

TABLE 92 EUROPE: FLAT-PANEL DETECTORS MARKET, BY PORTABILITY, 2017–2024 (USD MILLION)

TABLE 93 EUROPE: FLAT-PANEL DETECTORS MARKET, BY SYSTEM, 2017–2024 (USD MILLION)

TABLE 94 EUROPE: X-RAY DETECTORS MARKET, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 95 EUROPE: X-RAY DETECTORS MARKET FOR MEDICAL APPLICATIONS, BY TYPE, 2017–2024 (USD MILLION)

TABLE 96 EUROPE: STATIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 97 EUROPE: GENERAL RADIOGRAPHY X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 98 EUROPE: DYNAMIC IMAGING X-RAY DETECTORS MARKET, BY TYPE,

2017–2024 (USD MILLION)

TABLE 99 GERMANY: X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 100 GERMANY: FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 101 GERMANY: INDIRECT FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 102 GERMANY: FLAT-PANEL DETECTORS MARKET, BY PANEL SIZE, 2017–2024 (USD MILLION)

TABLE 103 GERMANY: FLAT-PANEL DETECTORS MARKET, BY PORTABILITY, 2017–2024 (USD MILLION)

TABLE 104 GERMANY: FLAT-PANEL DETECTORS MARKET, BY SYSTEM, 2017–2024 (USD MILLION)

TABLE 105 GERMANY: X-RAY DETECTORS MARKET, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 106 GERMANY: X-RAY DETECTORS MARKET FOR MEDICAL APPLICATIONS, BY TYPE, 2017–2024 (USD MILLION)

TABLE 107 GERMANY: STATIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 108 GERMANY: DYNAMIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 109 FRANCE: X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 110 FRANCE: FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 111 FRANCE: INDIRECT FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 112 FRANCE: FLAT-PANEL DETECTORS MARKET, BY PANEL SIZE, 2017–2024 (USD MILLION)

TABLE 113 FRANCE: FLAT-PANEL DETECTORS MARKET, BY PORTABILITY, 2017–2024 (USD MILLION)

TABLE 114 FRANCE: FLAT-PANEL DETECTORS MARKET, BY SYSTEM, 2017–2024 (USD MILLION)

TABLE 115 FRANCE: X-RAY DETECTORS MARKET, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 116 FRANCE: X-RAY DETECTORS MARKET FOR MEDICAL APPLICATIONS, BY TYPE, 2017–2024 (USD MILLION)

TABLE 117 FRANCE: STATIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 118 FRANCE: DYNAMIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 119 UK: X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 120 UK: FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 121 UK: INDIRECT FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 122 UK: FLAT-PANEL DETECTORS MARKET, BY PANEL SIZE, 2017–2024 (USD MILLION)

TABLE 123 UK: FLAT-PANEL DETECTORS MARKET, BY PORTABILITY, 2017–2024 (USD MILLION)

TABLE 124 UK: FLAT-PANEL DETECTORS MARKET, BY SYSTEM, 2017–2024 (USD MILLION)

TABLE 125 UK: X-RAY DETECTORS MARKET, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 126 UK: X-RAY DETECTORS MARKET FOR MEDICAL APPLICATIONS, BY TYPE, 2017–2024 (USD MILLION)

TABLE 127 UK: STATIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 128 UK: DYNAMIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 129 ITALY: X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 130 ITALY: FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 131 ITALY: INDIRECT FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 132 ITALY: FLAT-PANEL DETECTORS MARKET, BY PANEL SIZE, 2017–2024 (USD MILLION)

TABLE 133 ITALY: FLAT-PANEL DETECTORS MARKET, BY PORTABILITY, 2017–2024 (USD MILLION)

TABLE 134 ITALY: FLAT-PANEL DETECTORS MARKET, BY SYSTEM, 2017–2024 (USD MILLION)

TABLE 135 ITALY: X-RAY DETECTORS MARKET, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 136 ITALY: X-RAY DETECTORS MARKET FOR MEDICAL APPLICATIONS, BY TYPE, 2017–2024 (USD MILLION)

TABLE 137 ITALY: STATIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 138 ITALY: DYNAMIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 139 SPAIN: X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 140 SPAIN: FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 141 SPAIN: INDIRECT FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 142 SPAIN: FLAT-PANEL DETECTORS MARKET, BY PANEL SIZE, 2017–2024 (USD MILLION)

TABLE 143 SPAIN: FLAT-PANEL DETECTORS MARKET, BY PORTABILITY, 2017–2024 (USD MILLION)

TABLE 144 SPAIN: FLAT-PANEL DETECTORS MARKET, BY SYSTEM, 2017–2024 (USD MILLION)

TABLE 145 SPAIN: X-RAY DETECTORS MARKET, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 146 SPAIN: X-RAY DETECTORS MARKET FOR MEDICAL APPLICATIONS, BY TYPE, 2017–2024 (USD MILLION)

TABLE 147 SPAIN: STATIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 148 SPAIN: DYNAMIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 149 ROE: X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 150 ROE: FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 151 ROE: INDIRECT FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 152 ROE: FLAT-PANEL DETECTORS MARKET, BY PANEL SIZE, 2017–2024 (USD MILLION)

TABLE 153 ROE: FLAT-PANEL DETECTORS MARKET, BY PORTABILITY, 2017–2024 (USD MILLION)

TABLE 154 ROE: FLAT-PANEL DETECTORS MARKET, BY SYSTEM, 2017–2024 (USD MILLION)

TABLE 155 ROE: X-RAY DETECTORS MARKET, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 156 ROE: X-RAY DETECTORS MARKET FOR MEDICAL APPLICATIONS, BY TYPE, 2017–2024 (USD MILLION)

TABLE 157 ROE: STATIC IMAGING X-RAY DETECTORS MARKET, BY TYPE,

2017–2024 (USD MILLION)

TABLE 158 ROE: DYNAMIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 159 ASIA: X-RAY DETECTORS MARKET, BY COUNTRY, 2017–2024 (USD MILLION)

TABLE 160 ASIA: X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 161 ASIA: FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 162 ASIA: INDIRECT FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 163 ASIA: FLAT-PANEL DETECTORS MARKET, BY PANEL SIZE, 2017–2024 (USD MILLION)

TABLE 164 ASIA: FLAT-PANEL DETECTORS MARKET, BY PORTABILITY, 2017–2024 (USD MILLION)

TABLE 165 ASIA: FLAT-PANEL DETECTORS MARKET, BY SYSTEM, 2017–2024 (USD MILLION)

TABLE 166 ASIA: X-RAY DETECTORS MARKET, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 167 ASIA: X-RAY DETECTORS MARKET FOR MEDICAL APPLICATIONS, BY TYPE, 2017–2024 (USD MILLION)

TABLE 168 ASIA: STATIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 169 ASIA: GENERAL RADIOGRAPHY X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 170 ASIA: DYNAMIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 171 JAPAN: X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 172 JAPAN: FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 173 JAPAN: INDIRECT FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 174 JAPAN: FLAT-PANEL DETECTORS MARKET, BY PANEL SIZE, 2017–2024 (USD MILLION)

TABLE 175 JAPAN: FLAT-PANEL DETECTORS MARKET, BY PORTABILITY, 2017–2024 (USD MILLION)

TABLE 176 JAPAN: FLAT-PANEL DETECTORS MARKET, BY SYSTEM, 2017–2024 (USD MILLION)

TABLE 177 JAPAN: X-RAY DETECTORS MARKET, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 178 JAPAN: X-RAY DETECTORS MARKET FOR MEDICAL APPLICATIONS, BY TYPE, 2017–2024 (USD MILLION)

TABLE 179 JAPAN: STATIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 180 JAPAN: DYNAMIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 181 CHINA: X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 182 CHINA: FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 183 CHINA: INDIRECT FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 184 CHINA: FLAT-PANEL DETECTORS MARKET, BY PANEL SIZE, 2017–2024 (USD MILLION)

TABLE 185 CHINA: FLAT-PANEL DETECTORS MARKET, BY PORTABILITY, 2017–2024 (USD MILLION)

TABLE 186 CHINA: FLAT-PANEL DETECTORS MARKET, BY SYSTEM, 2017–2024 (USD MILLION)

TABLE 187 CHINA: X-RAY DETECTORS MARKET, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 188 CHINA: X-RAY DETECTORS MARKET FOR MEDICAL APPLICATIONS, BY TYPE, 2017–2024 (USD MILLION)

TABLE 189 CHINA: STATIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 190 CHINA: DYNAMIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 191 INDIA: X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 192 INDIA: FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 193 INDIA: INDIRECT FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 194 INDIA: FLAT-PANEL DETECTORS MARKET, BY PANEL SIZE, 2017–2024 (USD MILLION)

TABLE 195 INDIA: FLAT-PANEL DETECTORS MARKET, BY PORTABILITY,

2017–2024 (USD MILLION)

X-Ray Detector Market by Type (FPD, CSI, Gadox, CCD, Line scan), Panel (Small, Large), Portability (Fix, Porta...

TABLE 196 INDIA: FLAT-PANEL DETECTORS MARKET, BY SYSTEM, 2017–2024 (USD MILLION)

TABLE 197 INDIA: X-RAY DETECTORS MARKET, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 198 INDIA: X-RAY DETECTORS MARKET FOR MEDICAL APPLICATIONS, BY TYPE, 2017–2024 (USD MILLION)

TABLE 199 INDIA: STATIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 200 INDIA: DYNAMIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 201 ROA: X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 202 ROA: FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 203 ROA: INDIRECT FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 204 ROA: FLAT-PANEL DETECTORS MARKET, BY PANEL SIZE, 2017–2024 (USD MILLION)

TABLE 205 ROA: FLAT-PANEL DETECTORS MARKET, BY PORTABILITY, 2017–2024 (USD MILLION)

TABLE 206 ROA: FLAT-PANEL DETECTORS MARKET, BY SYSTEM, 2017–2024 (USD MILLION)

TABLE 207 ROA: X-RAY DETECTORS MARKET, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 208 ROA: X-RAY DETECTORS MARKET FOR MEDICAL APPLICATIONS, BY TYPE, 2017–2024 (USD MILLION)

TABLE 209 ROA: STATIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 210 ROA: DYNAMIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 211 ROW: X-RAY DETECTORS MARKET, BY REGION, 2017–2024 (USD MILLION)

TABLE 212 ROW: X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 213 ROW: FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 214 ROW: INDIRECT FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 215 ROW: FLAT-PANEL DETECTORS MARKET, BY PANEL SIZE, 2017–2024 (USD MILLION)

TABLE 216 ROW: FLAT-PANEL DETECTORS MARKET, BY PORTABILITY, 2017–2024 (USD MILLION)

TABLE 217 ROW: FLAT-PANEL DETECTORS MARKET, BY SYSTEM, 2017–2024 (USD MILLION)

TABLE 218 ROW: X-RAY DETECTORS MARKET, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 219 ROW: X-RAY DETECTORS MARKET FOR MEDICAL APPLICATIONS, BY TYPE, 2017–2024 (USD MILLION)

TABLE 220 ROW: STATIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 221 ROW: GENERAL RADIOGRAPHY X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 222 ROW: DYNAMIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 223 PACIFIC COUNTRIES: X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 224 PACIFIC COUNTRIES: FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 225 PACIFIC COUNTRIES: INDIRECT FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 226 PACIFIC COUNTRIES: FLAT-PANEL DETECTORS MARKET, BY PANEL SIZE, 2017–2024 (USD MILLION)

TABLE 227 PACIFIC COUNTRIES: FLAT-PANEL DETECTORS MARKET, BY PORTABILITY, 2017–2024 (USD MILLION)

TABLE 228 PACIFIC COUNTRIES: FLAT-PANEL DETECTORS MARKET, BY SYSTEM, 2017–2024 (USD MILLION)

TABLE 229 PACIFIC COUNTRIES: X-RAY DETECTORS MARKET, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 230 PACIFIC COUNTRIES: X-RAY DETECTORS MARKET FOR MEDICAL APPLICATIONS, BY TYPE, 2017–2024 (USD MILLION)

TABLE 231 PACIFIC COUNTRIES: STATIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 232 PACIFIC COUNTRIES: DYNAMIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 233 LATIN AMERICA: X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 234 LATIN AMERICA: FLAT-PANEL DETECTORS MARKET, BY TYPE,

2017–2024 (USD MILLION)

TABLE 235 LATIN AMERICA: INDIRECT FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 236 LATIN AMERICA: FLAT-PANEL DETECTORS MARKET, BY PANEL SIZE, 2017–2024 (USD MILLION)

TABLE 237 LATIN AMERICA: FLAT-PANEL DETECTORS MARKET, BY PORTABILITY, 2017–2024 (USD MILLION)

TABLE 238 LATIN AMERICA: FLAT-PANEL DETECTORS MARKET, BY SYSTEM, 2017–2024 (USD MILLION)

TABLE 239 LATIN AMERICA: X-RAY DETECTORS MARKET, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 240 LATIN AMERICA: X-RAY DETECTORS MARKET FOR MEDICAL APPLICATIONS, BY TYPE, 2017–2024 (USD MILLION)

TABLE 241 LATIN AMERICA: STATIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 242 LATIN AMERICA: DYNAMIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 243 MIDDLE EAST AND AFRICA: X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 244 MIDDLE EAST AND AFRICA: FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 245 MIDDLE EAST AND AFRICA: INDIRECT FLAT-PANEL DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 246 MIDDLE EAST AND AFRICA: FLAT-PANEL DETECTORS MARKET, BY PANEL SIZE, 2017–2024 (USD MILLION)

TABLE 247 MIDDLE EAST AND AFRICA: FLAT-PANEL DETECTORS MARKET, BY PORTABILITY, 2017–2024 (USD MILLION)

TABLE 248 MIDDLE EAST AND AFRICA: FLAT-PANEL DETECTORS MARKET, BY SYSTEM, 2017–2024 (USD MILLION)

TABLE 249 MIDDLE EAST AND AFRICA: X-RAY DETECTORS MARKET, BY APPLICATION, 2017–2024 (USD MILLION)

TABLE 250 MIDDLE EAST AND AFRICA: X-RAY DETECTORS MARKET FOR MEDICAL APPLICATIONS, BY TYPE, 2017–2024 (USD MILLION)

TABLE 251 MIDDLE EAST AND AFRICA: STATIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 252 MIDDLE EAST AND AFRICA: DYNAMIC IMAGING X-RAY DETECTORS MARKET, BY TYPE, 2017–2024 (USD MILLION)

TABLE 253 PRODUCT LAUNCHES, 2016–2018

TABLE 254 EXPANSIONS, 2016–2018

TABLE 255 ACQUISITIONS, 2015–2018

TABLE 256 AGREEMENTS, COLLABORATIONS, AND PARTNERSHIPS, 2016–2018

List Of Figures

LIST OF FIGURES

FIGURE 1 RESEARCH DESIGN

FIGURE 2 BREAKDOWN OF PRIMARY INTERVIEWS

FIGURE 3 BOTTOM-UP APPROACH

FIGURE 4 TOP-DOWN APPROACH

FIGURE 5 DATA TRIANGULATION

FIGURE 6 X-RAY DETECTORS MARKET, BY TYPE, 2019 VS. 2024 (USD MILLION)

FIGURE 7 FLAT-PANEL DETECTORS MARKET, BY TYPE, 2019 VS. 2024 (USD MILLION)

FIGURE 8 X-RAY DETECTORS MARKET RANK, BY APPLICATION, 2019

FIGURE 9 FLAT-PANEL DETECTORS MARKET, BY PANEL SIZE, 2019 VS. 2024 (USD MILLION)

FIGURE 10 GEOGRAPHICAL SNAPSHOT OF THE X-RAY DETECTORS MARKET

FIGURE 11 GROWING PUBLIC AND PRIVATE INVESTMENTS IN DIGITAL IMAGING TECHNOLOGIES TO DRIVE MARKET GROWTH DURING THE FORECAST PERIOD

FIGURE 12 MEDICAL APPLICATIONS TO COMMAND THE LARGEST MARKET SHARE DURING THE FORECAST PERIOD

FIGURE 13 FLAT-PANEL DETECTORS TO HOLD THE LARGEST SHARE OF THE OVERALL

X-RAY DETECTORS MARKET

FIGURE 14 PORTABLE DETECTORS TO DOMINATE THE MARKET DURING THE FORECAST PERIOD

FIGURE 15 ASIA TO WITNESS HIGHEST GROWTH DURING THE FORECAST PERIOD

FIGURE 16 X-RAY DETECTORS MARKET: DRIVERS, RESTRAINTS, & OPPORTUNITIES

FIGURE 17 X-RAY DETECTORS MARKET, BY TYPE, 2019 VS. 2024 (USD MILLION)

FIGURE 18 LARGE-AREA FLAT-PANEL DETECTORS TO DOMINATE THE MARKET IN 2019

FIGURE 19 PORTABLE DETECTORS TO DOMINATE THE FLAT-PANEL DETECTORS MARKET DURING THE FORECAST PERIOD (USD MILLION)

FIGURE 20 NEW DIGITAL X-RAY SYSTEMS SEGMENT TO GROW AT A HIGHER CAGR DURING THE FORECAST PERIOD

FIGURE 21 MEDICAL APPLICATIONS TO DOMINATE THE X-RAY DETECTORS MARKET DURING THE FORECAST PERIOD (2019–2024)

FIGURE 22 STATIC IMAGING TO DOMINATE THE MEDICAL APPLICATIONS

SEGMENT DURING THE FORECAST PERIOD

FIGURE 23 NORTH AMERICA: X-RAY DETECTORS MARKET SNAPSHOT

FIGURE 24 EUROPE: X-RAY DETECTORS MARKET SNAPSHOT

FIGURE 25 ASIA: X-RAY DETECTORS MARKET SNAPSHOT

FIGURE 26 ROW: X-RAY DETECTORS MARKET SNAPSHOT

FIGURE 27 KEY DEVELOPMENTS IN THE X-RAY DETECTORS MARKET 2015 TO OCTOBER 2018

FIGURE 28 MEDICAL FLAT-PANEL DETECTORS MARKET SHARE ANALYSIS, BY KEY PLAYER 2017

FIGURE 29 COMPETITIVE LEADERSHIP MAPPING OF THE X-RAY DETECTORS MARKET – OVERALL MARKET

FIGURE 30 COMPETITIVE LEADERSHIP MAPPING OF THE X-RAY DETECTORS-SME

FIGURE 31 VAREX IMAGING CORPORATION.: COMPANY SNAPSHOT

FIGURE 32 THALES GROUP: COMPANY SNAPSHOT

FIGURE 33 CANON INC.: COMPANY SNAPSHOT

FIGURE 34 KONICA MINOLTA, INC.: COMPANY SNAPSHOT

FIGURE 35 AGFA-GEVAERT GROUP: COMPANY SNAPSHOT

FIGURE 36 ONEX CORPORATION: COMPANY SNAPSHOT

FIGURE 37 FUJIFILM HOLDINGS CORPORATION: COMPANY SNAPSHOT

FIGURE 38 TELEDYNE TECHNOLOGIES, INC.: COMPANY SNAPSHOT

FIGURE 39 ANALOGIC CORPORATION: COMPANY SNAPSHOT

FIGURE 40 VIEWWORKS CO., LTD.: COMPANY SNAPSHOT

FIGURE 41 HAMAMATSU PHOTONICS K.K.: COMPANY SNAPSHOT

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