Global Electronic Medical Records

April 2017
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About This Report

Scope & Method

This report forecasts global revenues for 2017-2021 for electronic medical records (EMRs) in US dollars. Revenues are forecasted by market and region for 2021. Market segments include:

- hospital
- physician/web-based.

For the purposes of this report, EMRs and electronic health records (EHRs) are used as synonyms. The scope of this report includes revenues for EMR/EHR systems, computerized practitioner order entry (CPOE) systems, and directly related services such as installation, training, servicing, and consulting. Excluded from the scope of this report are picture archiving and communication systems (PACS) or hardware.

Major world regions include USA, Europe/Middle East/Africa (EMEA), Asia/Pacific (APAC), and all other regions.

To illustrate historical trends, global EMR revenues are provided for 2014-2016. Revenues by market and major region are provided for 2016. The global EMR market is also segmented in 2016 by services, software, and hardware.

This report quantifies trends in various measures of growth and volatility. Growth (or decline) expressed as an average annual growth rate (AAGR) is the least squares growth rate, which takes into account all available datapoints over a period. The volatility of datapoints around a least squares growth trend over time is expressed via the coefficient of determination, or r2. The most stable data series relative to the trend carries an r2 value of 1.0; the most volatile – 0.0. Growth calculated as a compound annual growth rate (CAGR) employs, by definition, only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the expected trend beginning in the base year and ending in the forecast year. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

Unless otherwise indicated, both historical and forecasted demand values are expressed in US dollars at a fixed 2016 rate of exchange with local currencies. Other various topics, including profiles of pertinent leading suppliers, are covered in this report. A full outline of report items by page is available in the Table of Contents.

Sources

Global Electronic Medical Records (FW40065) is based on a comprehensive industry study published by Kalorama Information. The information for this report was gathered using...
both primary and secondary research, including comprehensive research of secondary sources such as company literature, databases, investment reports, and medical and business journals. Personal interviews at Healthcare Information and Management Systems Society (HIMSS) 2017 conference, telephone interviews, and email correspondence were the primary methods of gathering information. For the purpose of this report, Kalorama Information conducted interviews with more than 109 key industry officials, consultants, healthcare providers, and government personnel. These sources were the primary basis in gathering information specifically relating to revenue and market share data presented in this report. Additional interviews were completed with relevant company representatives, including marketing directors, division managers, and product representatives.

Specific sources and additional resources are listed in the Resources section of this publication for reference and to facilitate further research.

Industry Codes

Table 4 | Industry Codes Related to Electronic Medical Records

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<thead>
<tr>
<th>NAICS/SCIAN 2007</th>
<th>SIC</th>
<th>NAICS/SCIAN 2007</th>
<th>SIC</th>
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<tr>
<td><strong>Software Reproducing</strong></td>
<td>334611</td>
<td><strong>Computer and Computer Software Stores</strong></td>
<td>5734</td>
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<td><strong>Computer and Software Stores</strong></td>
<td>443120</td>
<td><strong>Computer Programming Services</strong></td>
<td>7371</td>
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<td><strong>Software Publishers</strong></td>
<td>511210</td>
<td><strong>Prepackaged Software</strong></td>
<td>7372</td>
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<tr>
<td><strong>Custom Computer Programming Services</strong></td>
<td>541511</td>
<td><strong>Offices and Clinics of Doctors of Medicine</strong></td>
<td>8011</td>
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<tr>
<td><strong>Administrative Management and General Management Consulting Services</strong></td>
<td>541611</td>
<td><strong>Offices and Clinics of Dentists</strong></td>
<td>8021</td>
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<tr>
<td><strong>Offices of Physicians (except Mental Health Specialists)</strong></td>
<td>621111</td>
<td><strong>Offices and Clinics of Doctors of Osteopathy</strong></td>
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<tr>
<td><strong>Offices of Physicians, Mental Health Specialists</strong></td>
<td>621112</td>
<td><strong>Skilled Nursing Care Facilities</strong></td>
<td>8051</td>
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<td><strong>Offices of Dentists</strong></td>
<td>621210</td>
<td><strong>Intermediate Care Facilities</strong></td>
<td>8052</td>
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<tr>
<td><strong>Outpatient Mental Health and Substance Abuse Centers</strong></td>
<td>621420</td>
<td><strong>Nursing and Personal Care Facilities, NEC</strong></td>
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<td><strong>Freestanding Ambulatory Surgical and Emergency Centers</strong></td>
<td>621493</td>
<td><strong>General Medical and Surgical Hospitals</strong></td>
<td>8062</td>
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<td><strong>Diagnostic Imaging Centers</strong></td>
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<td><strong>Medical Laboratories</strong></td>
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<td><strong>General Medical and Surgical Hospitals</strong></td>
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<td><strong>Specialty Outpatient Facilities, NEC</strong></td>
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<td><strong>Nursing Care Facilities</strong></td>
<td>623110</td>
<td><strong>Management Consulting Services</strong></td>
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Source: US Census Bureau

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About This Report

Resources

Kalorama Information
EMR Market 2017: Electronic Medical Records in The Era of Disruption, April 2017

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Freedonia Industry Studies
Pharmaceutical Packaging Market in the US, June 2017
Medical Implants in the US, November 2016
World Medical Disposables, August 2016
In Vitro Diagnostic (IVD) Packaging, June 2016
Infection Prevention Products & Services, April 2016
Medical & Dental Adhesives & Sealants, March 2016
Disposable Medical Supplies, February 2016
Dental Products & Materials, January 2016
Drug Delivery Products, December 2015

Freedonia Focus Reports
Drug Delivery Products: United States
Global Medical Apparel & Textiles
Global PCR Testing Products & Services
Healthcare Insurance: United States
Healthcare: United States
Healthcare VR/AR Systems: United States
Medical Equipment & Supplies: United States
Medical Imaging Products: United States
Medical Services: United States
Pharmaceuticals: United States
Software: United States
World Cell-Free DNA
World Medical Devices
World Medical Disposables
World Needle-Free Drug Delivery Systems
World Personalized Medicine Tests for Cancer
World Respiratory Devices

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Trade Publications
Healthcare IT News
Health Facilities Management
About This Report

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Medical Device & Diagnostic Industry
Modern Healthcare
Provider

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American Medical Association
Centers for Disease Control and Prevention
Healthcare Information and Management Systems Society
Medical Device Manufacturers Association
Medical Group Management Association
United States Food and Drug Administration
World Health Organization