## Russian Market of Defibrillators

2012-first half of 2014

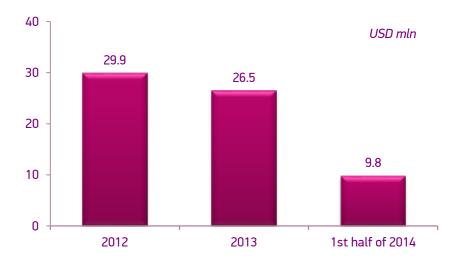
# Summary

The global market of defibrillators is characterized by steady growth. The compound annual growth rate (CAGR) of the global market of defibrillators for the 2006-2013 period was 5.3%, which is above the average for the medical device market as a whole, 5.0%.

The size of the global market of defibrillators in 2013 was about USD 1.5 bln. It is expected to keep expanding by approximately 5.9% a year and reach USD 2.2 bln. by 2020. The North American and Asia Pacific markets are expected to grow the fastest.

In 2013 the Russian market of defibrillators was about 2% of the global.

In 2012 the Russian market of defibrillators was worth USD 29.9 mln. In 2013 the market shrank slightly down to USD 26.5 mln. In the first half of 2014 there was a similar reduction. The six-months market amounted to USD 9.8 mln.



#### The dynamics of the Russian market of defibrillators (million dollars), 2012-1st half of 2014

Public procurement dominates the Russian market of defibrillators. The private sector's contribution to market value is small. In 2012-2013 it was only 5%. In the first half of 2014 its share doubled.

Looking at the value of imported and Russian defibrillators on the country's market, we see a 90% predominance of imports in 2012 and 2013. This receded to some 80% in the first half of 2014.

### Report Description

**Report scope.** The report provides full information about the Russian market of defibrillators in 2012 – the 1st half of 2014 and general background information on the global market of defibrillators. It also contains a forecast of the Russian market of defibrillators till 2018.

The total number of pages - 84.

#### Report includes the following parts:

"Study methodology" section includes a list of information sources, which were used while preparing the report. It also describes what kinds of defibrillators were the subject of the research.

"Introduction" section clarifies the structure of the report. It is explained what defibrillators are and in what situations they are used.

The first part of the report ("Russian medical device market in 2013-2018") encompasses the most important characteristics of the Russian medical device market. It contains information about its dynamics and structure, public procurement and import-export operations. The most important Russian medical device market trends and significant factors, determining its current state, are outlined. This part also includes a forecast of the Russian medical device market development until 2018. Based on the analysis of drivers and barriers for the market growth, two possible scenarios of market development are presented.

**The second part** ("The global and Russian markets of defibrillators in 2012-1st half of 2014") provides information about the dynamics and structure of the global market of defibrillators. It also includes data on the main market players both worldwide and in Russia. Finally, key characteristics of the Russian market of defibrillators are outlined.

**The third part** ("Sales of defibrillators by manufacturer") includes a classification of all defibrillators purchased by Russian public buyers in the following breakdown: "Manufacturer – Trademarks of defibrillators – Presence of a monitor". Additionally, this section contains data on sales of different defibrillators' manufacturers operating in Russia.

The fourth part ("Imports and exports of defibrillators") encompasses data on import-export operations of defibrillators. Import information includes annual and quarterly dynamics of imports, the structure of imports by countries of origin and manufacturers. Besides, Top-20 recipients of imported defibrillators at customs are named. Finally, it includes a list of the largest recipients of defibrillators by leading manufacturers at customs. Export information contains annual dynamics of defibrillators exports and a list of the largest Russian exporters.

The fifth part ("Public procurement of defibrillators") is dedicated to the results of defibrillators public procurement analysis. It includes data on the dynamics and structure of public procurement of different types of defibrillators. The largest purchasers of defibrillators in monetary and physical terms are presented. A list of public buyers of the highest-priced defibrillators is provided. It also contains a list of the biggest suppliers of defibrillators under government contracts in monetary and physical terms. Moreover, this section provides information about Russian regions, which are the leaders in defibrillators public procurement purchasing.

**The sixth part** ("Defibrillators sales review") is a price review of defibrillators purchased under government contracts. Average prices of different kinds of defibrillators (incl. federal district breakdown) are shown. Besides, minimum, maximum and weighted average prices of Top-15 defibrillators purchased under government contracts are provided.

The seventh part ("Forecast for the Russian market of defibrillators to 2018") dedicated to an overlook of the future perspectives of the Russian market of defibrillators. Based on the analysis of drivers and barriers for the market growth, two scenarios of market development are presented.

**The eighth part** ("Business environment in Russia") provides a practical guide to what is necessary for achieving compliance with Russia's regulatory requirements. It also describes Russian policies on health care system and medical device market development.

### Sources of Information

✓ The public procurement of medical devices database:

MDpro's database on public (government and municipal) procurement of medical devices and expendables for medical facilities. Updated every month using information from <a href="https://www.zakupki.gov.ru">www.zakupki.gov.ru</a>, processed for details and broken down by segment of the medical device market.

√ The exports and imports database:

MDpro's database of customs transactions for medical devices and expendables. Updated every month using official statistics from customs, processed for details and broken down by segment of the medical device market.

- ✓ Open sources:
  - official health care statistics;
  - publications of international marketing agencies;
  - news;
  - companies' official reports.

### Contents

#### STUDY METHODOLOGY

#### **INTRODUCTION**

- 1. RUSSIAN MEDICAL DEVICE MARKET IN 2013-2018
- 2. THE GLOBAL AND RUSSIAN MARKETS OF DEFIBRILLATORS IN 2012-FIRST HALF OF 2014
- 3. SALES OF DEFIBRILLATORS BY MANUFACTURER
- 3.1 Classification of defibrillator models
- 3.2 Best-selling defibrillator models on the Russian market
- 4 IMPORTS AND EXPORTS OF DEFIBRILLATORS
- 4.1 Imports of defibrillators
- 4.2 Exports of defibrillators
- 5 PUBLIC PROCUREMENT OF DEFIBRILLATORS
- 5.1 Dynamics and structure of public procurement of defibrillators
- 5.2 Top public buyers of defibrillators
- 5.3 Top suppliers of defibrillators under public contracts
- 5.4 Public procurement of defibrillators in Russian regions
- 6 DEFIBRILLATORS SALES REVIEW
- 7 FORECAST OF THE RUSSIAN MARKET OF DEFIBRILLATORS TO 2018
- 8 BUSINESS ENVIRONMENT IN RUSSIA
- 8.1 The regulation of medical devices in Russia
- 8.2 Russian policies on health care system and medical device market development

# List of Figures

- Figure 1 Relative size of the global and Russian markets of defibrillators (value) in 2013
- Figure 2 The Russian market of defibrillators (value) 2012-first half of 2014
- Figure 3 Imported and domestic presence on the Russian market of defibrillators (value) in 2012-first half of 2014
- Figure 4 Public and private demand on the Russian market of defibrillators (value) in 2012-first half of 2014
- Figure 5 Map of the global market of defibrillators (value)
- Figure 6 Map of the Russian market of defibrillators (value) in 2012
- Figure 7 Map of the Russian market of defibrillators (value) in 2013
- Figure 8 Map of the Russian market of defibrillators (value) in the first half of 2014
- Figure 9 Sales of defibrillators by Axion in 2012
- Figure 10 Sales of defibrillators by Axion in 2013
- Figure 11 Sales of defibrillators by Axion in the first half of 2014
- Figure 12 Sales of defibrillators by Mindray in 2012
- Figure 13 Sales of defibrillators by Mindray in 2013
- Figure 14 Sales of defibrillators by Mindray in the first half of 2014
- Figure 15 Sales of defibrillators by Zoll in 2012
- Figure 16 Sales of defibrillators by Zoll in 2013
- Figure 17 Sales of defibrillators by Zoll in the first half of 2014
- Figure 18 Sales of defibrillators by Metrax in 2012
- Figure 19 Sales of defibrillators by Metrax in 2013
- Figure 20 Sales of defibrillators by Metrax in the first half of 2014
- Figure 21 Sales of defibrillators by NIHON KOHDEN in 2012
- Figure 22 Sales of defibrillators by NIHON KOHDEN in 2013
- Figure 23 Sales of defibrillators by NIHON KOHDEN in the first half of 2014
- Figure 24 Sales of defibrillators by Schiller in 2012
- Figure 25 Sales of defibrillators by Schiller in 2013
- Figure 26 Sales of defibrillators by Schiller in the first half of 2014
- Figure 27 Sales of defibrillators by Physio-Control in 2012
- Figure 28 Sales of defibrillators by Physio-Control in 2013

- Figure 29 Sales of defibrillators by Physio-Control in the first half of 2014
- Figure 30 Sales of defibrillators by Philips in 2012
- Figure 31 Sales of defibrillators by Philips in 2013
- Figure 32 Sales of defibrillators by Philips in the first half of 2014
- Figure 33 Sales of defibrillators by GE Healthcare Healthcare in 2012
- Figure 34 Sales of defibrillators by GE Healthcare Healthcare in 2013
- Figure 35 Sales of defibrillators by Weinmann in 2012
- Figure 36 Sales of defibrillators by Weinmann in 2013
- Figure 37 Sales of defibrillators by Weinmann in the first half of 2014
- Figure 39 Quarterly imports of defibrillators in 2012-first half of 2014
- Figure 40 Quarterly imports of defibrillators in 2012-first half of 2014 by device grade
- Figure 41 Annual imports of defibrillators in 2012-first half of 2014
- Figure 42 Annual imports of defibrillators in 2012-first half of 2014 by device grade
- Figure 43 Source countries for defibrillators of both types (value) in 2012
- Figure 44 Source countries for monitor defibrillators (value) in 2012
- Figure 45 Source countries for non-monitor defibrillators (value) in 2012
- Figure 46 Source countries for defibrillators of both types (value) in 2013
- Figure 47 Source countries for monitor defibrillators (value) in 2013
- Figure 48 Source countries for non-monitor defibrillators (value) in 2013
- Figure 49 Source countries for defibrillators of both types (value) in the first half of 2014
- Figure 50 Source countries for monitor defibrillators (value) in the first half of 2014
- Figure 51 Source countries for non-monitor defibrillators (value) in the first half of 2014
- Figure 52 Leading manufacturers (value) in 2012
- Figure 53 Leading manufacturers (value) in 2013
- Figure 54 Leading manufacturers (value) in the first half of 2014
- Figure 54 Exports in 2012-first half of 2014
- Figure 55 Exports in 2012-first half of 2014 by device grade
- Figure 56 Sales to public buyers, 2012-first half of 2014
- Figure 57 Procurement in 2012-first half of 2014
- Figure 58 Procurement in 2012-first half of 2014 by device grade

- Figure 59 Quarterly procurement of medical devices in 2013 first half of 2014
- Figure 60 Quarterly procurement of defibrillators in 2012-first half of 2014 by device grade
- Figure 61 Procurement of defibrillators (value) in 2012 by device grade
- Figure 62 Procurement of defibrillators (value) in 2013 by device grade
- Figure 63 Procurement of defibrillators (value) in the first half of 2014 by device grade
- Figure 64 Regions leading in procurement of defibrillators (value) in 2012
- Figure 65 Regions leading in procurement of defibrillators (value) in 2013
- Figure 66 Regions leading in procurement of defibrillators (value) in the first half of 2014
- Figure 67 Regions leading in procurement of defibrillators (volume) in 2012
- Figure 68 Regions leading in procurement of defibrillators (volume) in 2013
- Figure 69 Regions leading in procurement of defibrillators (volume) in the first half of 2014
- Figure 70 Procurement of defibrillators (value) in 2012 by Federal District
- Figure 71 Procurement of defibrillators (volume) in 2012 by Federal District
- Figure 72 Procurement of defibrillators (value) in 2013 by Federal District
- Figure 73 Procurement of defibrillators (volume) in 2013 by Federal District
- Figure 74 Procurement of defibrillators (value) in the first half of 2014 by Federal District
- Figure 75 Procurement of defibrillators (volume) in the first half of 2014 by Federal District
- Figure 76 A forecast for the Russian market of defibrillators, RUB mln

## List of Tables

- Table 1 Classification of defibrillator models
- Table 2 Top 20 recipients of imported defibrillators in 2012
- Table 3 Top 20 recipients of imported defibrillators in 2013
- Table 4 Top 20 recipients of imported defibrillators in the first half of 2014
- Table 5 Top 20 recipients of imported monitors/defibrillators in 2012
- Table 6 Top 20 recipients of imported monitors/defibrillators in 2013
- Table 7 Top 20 recipients of imported monitors/defibrillators in the first half of 2014
- Table 8 Top 20 recipients of imported non-monitor defibrillators, 2012
- Table 9 Top 20 recipients of imported non-monitor defibrillators, 2013
- Table 10 Top 20 recipients of imported non-monitor defibrillators, the first half of 2014
- Table 11 Largest recipients of equipment by Zoll in 2012
- Table 12 Largest recipients of equipment by Zoll in 2013
- Table 13 Largest recipients of equipment by Zoll in the first half of 2014
- Table 14 Largest recipients of equipment by Metrax
- Table 15 Largest recipients of equipment by Metrax in 2013
- Table 16 Largest recipients of equipment by Metrax in the first half of 2014
- Table 17 Largest recipients of equipment by Mindray
- Table 18 Largest recipients of equipment by Mindray in 2013
- Table 19 Largest recipients of equipment by Mindray in the first half of 2014
- Table 20 Largest recipients of equipment by Physio-Control in 2012
- Table 21 Largest recipients of equipment by Physio-Control in 2013
- Table 22 Largest recipients of equipment by Physio-Control in the first half of 2014
- Table 23 Largest recipients of equipment by Schiller in 2012
- Table 24 Largest recipients of equipment by Schiller in 2013
- Table 25 Largest recipients of equipment by Schiller in the first half of 2014
- Table 26 Largest recipients of equipment by Weinmann in 2012
- Table 27 Largest recipients of equipment by Weinmann in 2013
- Table 28 Largest recipients of equipment by Weinmann in the first half of 2014

- Table 29 Largest recipients of equipment by NIHON KOHDEN in 2012
- Table 30 Largest recipients of equipment by NIHON KOHDEN in 2013
- Table 31 Largest recipients of equipment by NIHON KOHDEN in the first half of 2014
- Table 32 Largest recipients of equipment by Philips in 2012
- Table 33 Largest recipients of equipment by Philips in 2013
- Table 34 Largest recipients of equipment by Philips in the first half of 2014
- Table 35 Largest recipients of equipment by GE Healthcare in 2012
- Table 36 Largest recipients of equipment by GE Healthcare in 2013
- Table 37 Largest recipients of equipment by Cardiac in 2013
- Table 38 Largest recipients of equipment by Cardiac in the first half of 2014
- Table 39 Leading Russian manufacturers-exporters of defibrillators in 2012-first half of 2014
- Table 40 Top 10 public buyers of monitor defibrillators (value) in 2012
- Table 41 Top 10 public buyers of monitor defibrillators (volume) in 2012
- Table 42 Top 10 public buyers of non-monitor defibrillators (value) in 2012
- Table 43 Top 10 public buyers of non-monitor defibrillators (volume) in 2012
- Table 44 Top 10 public buyers of monitor defibrillators (value) in 2013
- Table 45 Top 10 public buyers of monitor defibrillators (volume) in 2013
- Table 46 Top 10 public buyers of non-monitor defibrillators (value) in 2013
- Table 47 Top 10 public buyers of non-monitor defibrillators (volume) in 2013
- Table 48 Top 10 public buyers of monitor defibrillators (value) in the first half of 2014
- Table 49 Top 10 public buyers of monitor defibrillators (volume) in the first half of 2014
- Table 50 Top 10 public buyers of non-monitor defibrillators (value) in the first half of 2014
- Table 51 Top 10 public buyers of non-monitor defibrillators (volume) in the first half of 2014
- Table 52 Top 10 public buyers of highest-priced defibrillators in 2012
- Table 53 Top 10 public buyers of highest-priced defibrillators in 2013
- Table 54 Top 10 public buyers of highest-priced defibrillators in the first half of 2014
- Table 55 Top 10 suppliers of monitor defibrillators under public contracts (value) in 2012
- Table 56 Top 10 suppliers of monitor defibrillators under public contracts (volume) in 2012
- Table 57 Top 10 suppliers of non-monitor defibrillators (value) in 2012
- Table 58 Top 10 suppliers of non-monitor defibrillators (volume) in 2012

- Table 59 Top 10 suppliers of monitor defibrillators under public contracts (value) in 2013
- Table 60 Top 10 suppliers of monitor defibrillators under public contracts (volume) in 2013
- Table 61 Top 10 suppliers of non-monitor defibrillators (value) in 2013
- Table 62 Top 10 suppliers of non-monitor defibrillators (volume) in 2013
- Table 63 Top 10 suppliers of monitor defibrillators under public contracts (value) in the first half of 2014
- Table 64 Top 10 suppliers of monitor defibrillators under public contracts (volume) in the first half of 2014
- Table 65 Top 10 suppliers of non-monitor defibrillators (value) in the first half of 2014
- Table 66 Top 10 suppliers of non-monitor defibrillators (volume) in the first half of 2014
- Table 67 Defibrillators sold to public buyers by leading suppliers specializing in resuscitation equipment for ambulances, 2012-first half of 2014, RUB
- Table 68 Average prices of defibrillators in public contracts, RUB
- Table 69 Price dynamics for top 15 models of defibrillators
- Table 70 Average prices of defibrillators under public contracts by Federal District in 2013 and first half of 2014, RUB