



# HIMSS Analytics<sup>®</sup>








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## Electronic Medical Records Adoption Model (EMRAM) Score Distribution – *European Countries*

Status as of Q4/2016

# THE EMR ADOPTION MODEL

... in 8 Stages to Highest Quality in Patient Care

STAGE	 EMR Adoption Model Cumulative Capabilities		
7	Complete EMR, Data Analytics to improve care		“Paperless” patient record environment for <b>highest quality of care, data continuity &amp; full HIE</b>
6	Physician Documentation (templates), Full CDSS, Closed Loop Medical Administration		 Full electronic clinical decision support, and highest medication safety
5	Full R-PACS		 Completely electronic diagnostic image management
4	CPOE; Clinical Decision Support (clinical protocols)		 Electronic order entry with decision support and result reporting
3	Clinical Documentation, CDSS (error checking)		 Clinical ordering and documentation – especially nursing care
2	CDR, Controlled Medical Vocabulary, CDS, HIE Capable		 A patient-centered electronic data repository
1	All Three Ancillaries Installed – Lab, Rad, Pharmacy		 Electronic diagnostic and pharmacy department information
0	All Three Ancillaries Not Installed		

# EMR ADOPTION IN EUROPE

... based on HIMSS EMR Adoption Model

**EMRAM Scores, % of Hospitals, Q4/2016** (based on data from latest 36 months, no weighting etc. applied)

Stage	Denmark	Germany	Italy	Netherlands	Spain	Turkey	Europe*
Stage 7**	0.0%	0.7%	0.0%	2.9%	0.0%	0.2%	0.3%
Stage 6**	0.0%	0.0%	2.2%	8.6%	6.3%	2.1%	2.5%
Stage 5	100.0%	16.9%	34.8%	62.9%	47.9%	16.7%	29.5%
Stage 4	0.0%	4.9%	2.2%	0.0%	4.9%	10.4%	6.7%
Stage 3	0.0%	9.2%	1.5%	0.0%	2.8%	7.7%	5.3%
Stage 2	0.0%	29.6%	34.1%	22.9%	26.4%	44.3%	34.5%
Stage 1	0.0%	1.4%	18.5%	2.9%	2.1%	8.4%	7.9%
Stage 0	0.0%	37.3%	6.7%	0.0%	9.7%	10.4%	13.3%
<b>N</b>	<b>24</b>	<b>142</b>	<b>135</b>	<b>35</b>	<b>144</b>	<b>666</b>	<b>1,462</b>

\* Includes countries listed in the table above, plus: Austria (14), Belgium (16), France (13), Greece (1), Iceland (1), Ireland (2), Norway (3), Poland (14), Portugal (27), Slovenia (2), Switzerland (10) and United Kingdom (102)

\*\* Only Stage 6 and 7 awardees within the given timeframe are taken into account

Source: HIMSS Analytics Database, Q4/2016 (data from 1/2014 – 12/2016), Status as of 1/1/2017

# EMR ADOPTION IN EUROPE

## ... Mean EMRAM Scores by Country



\* This Includes countries listed in the figure above, plus: Austria (14), Belgium (16), France (13), Greece (1), Iceland (1), Ireland (2), Norway (3), Poland (14), Portugal (27), Slovenia (2), Switzerland (10) and United Kingdom (102)

Source: HIMSS Analytics Database, Q4/2016 (data from 1/2014 – 12/2016), Status as of 1/1/2017

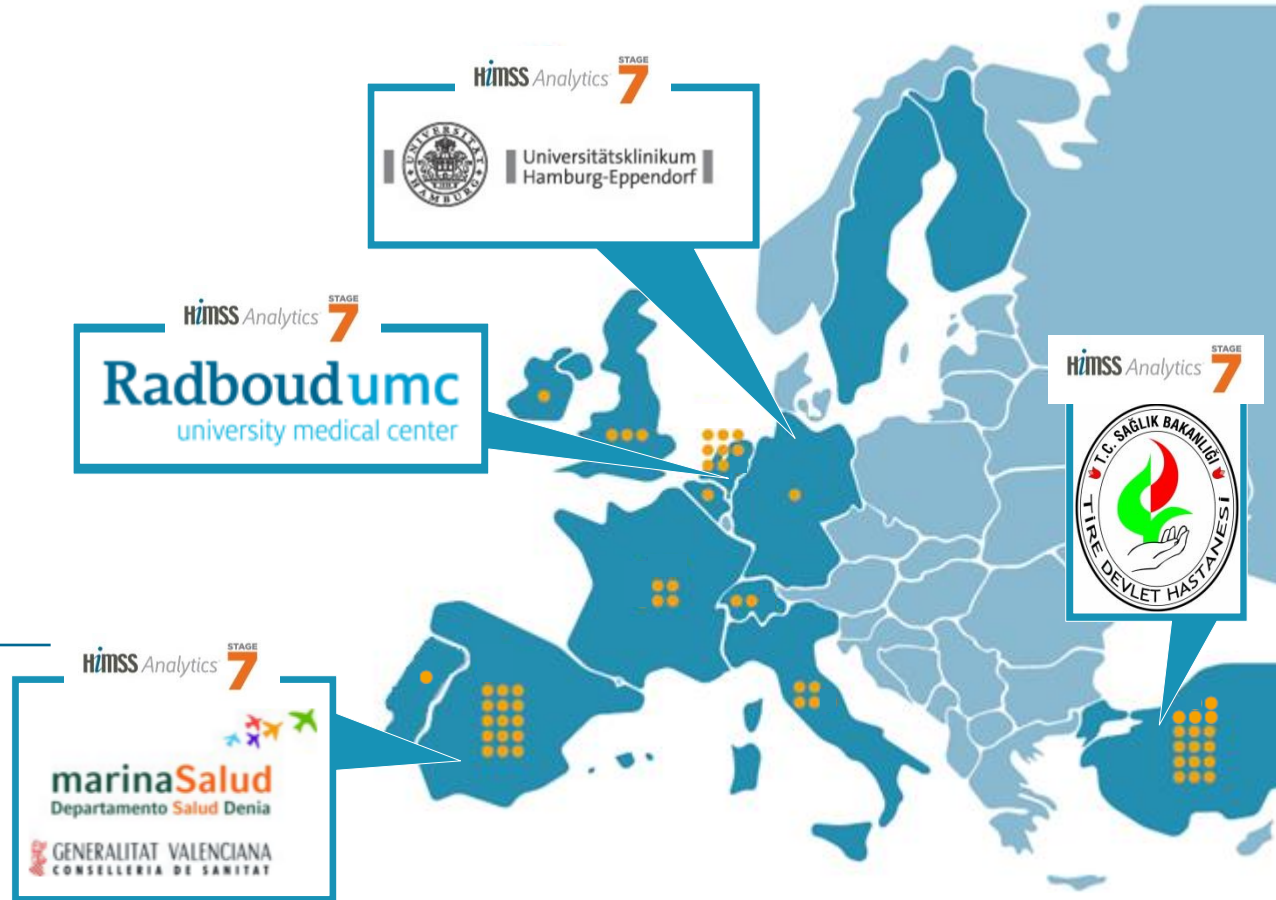
# EMRAM STAGE 6 / 7 AWARDEES

# STAGE 6 & 7

Belgium	2
France	4
Germany	1
Ireland	1
Italy	4
Netherlands	8
Portugal	1
Spain	15
Switzerland	2
Turkey	16
United Kingdom	3

**TOTAL:** 57

(data from 1/1/2017)



# EMR ADOPTION IN EUROPE

## ... 2016 Awarded Hospitals



	STAGE	HOSPITAL	COUNTRY	AWARD PERIOD
Q1/16	6	Mugla Milas 75.Yil Devlet Hastanesi	Turkey	02/16 - 02/19
	6	Izmir Urla Devlet Hastanesi	Turkey	02/16 - 02/19
	6	Istanbul Egitim Ve Arastirma Hastanesi	Turkey	03/16 - 03/19
	6	Istanbul Haseki Egitim Ve Arastirma Hastanesi	Turkey	03/16 - 03/19
Q2/16	6	Istanbul Dr Siyami Ersek Göğüs Kalp Ve Damar Cerrahisi Egitim Ve Arastirma Hastanesi	Turkey	04/16 - 04/19
	6	Izmir Bergama Dr. Faruk Ilker Devlet Hastanesi	Turkey	04/16 - 04/19
	7	Izmir Tire Devlet Hastanesi	Turkey	04/16 - 04/19
	6	Siirt Kurtalan Devlet Hastanesi	Turkey	05/16 -05/19
	6	Spital STS AG (Spital Thun)	Switzerland	06/16 - 06/19
Q4/16	6	Fundació Hospital Comarcal d'Inca - Tramuntana	Spain	11/16 - 11/19
	6	Fondazione Poliambulanza Istituto Ospedaliero	Italy	11/16 - 11/19
	6	Centre Hospitalier Universitaire de Liège	Belgium	11/16 - 11/19
	6	Hospital de Cascais Doutor José de Almeida	Portugal	11/16 - 11/19

Please note: Hospitals awarded with Stage 6/7 need to be re-validated within a timeframe of 3 years. Otherwise they will lose their status.

# THANK YOU

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