

EMRAM

HIMSS SOLUTION

A strategic roadmap for your digital transformation journey toward optimizing organizational performance outcomes.

The Electronic Medical Record Adoption Model (EMRAM) is an eight stage (0-7) model that measures clinical outcomes, patient engagement and clinician use of EMR technology for acute care hospitals and their affiliated ambulatory care settings, aiming to strengthen organizational performance and health outcomes across patient populations.

EMRAM Ranking

Stage	Description
7	Complete EMR; External HIE; Data Analytics, Governance, Disaster Recovery, Privacy and Security
6	Technology Enabled Medication, Blood Products, and Human Milk Administration; Risk Reporting; Full CDS
5	Physician documentation using structured templates; Intrusion/Device Protection
4	CPOE with CDS; Nursing and Allied Health Documentation; Basic Business Continuity
3	Nursing and Allied Health Documentation; eMAR; Role-Based Security
2	CDR; Internal Interoperability; Basic Security
1	Ancillaries – Laboratory, Pharmacy, and Radiology/Cardiology information systems; PACS; Digital non-DICOM image management
0	All three ancillaries not installed

EMRAM Ranking, Development by Survey Year

Stage	2012	2013	2014	2015	2016	2017	2019	2020 ¹	2021 ²
7	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0%
6	0.0%	0.0%	0.0%	0.0%	0.0%	6.1%	11.7%	10.3%	8% ³
5	7.4%	21.4%	20.7%	31.3%	33.3%	42.4%	17.6%	28.2%	33%
4	7.4%	3.6%	3.4%	3.1%	3.0%	0.0%	2.9%	7.7%	13%
3	3.7%	7.1%	3.4%	3.1%	3.0%	3.0%	0.0%	0.0%	0%
2	37.0%	35.7%	41.4%	37.5%	51.5%	45.5%	0.0%	0.0%	0%
1	33.3%	28.6%	20.7%	18.8%	3.0%	0.0%	29.4%	17.9%	13%
0	11.1%	3.6%	10.3%	6.3%	6.1%	3.0%	38.2%	35.9%	33%
Total	27	28	29	32	33	33	34	39	39
Average	1.9	2.4	2.8	3.2	3.5	4.0	2.2	2.6	2.8

