








Health IT Certification


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HIMSS

May 11, 2016



Agenda

- Today's Healthcare Environment 
-  The Impact of Meaningful Use and EMR Adoption
- Early and Often: Engaging in Health IT 
-  Pathways to Health IT Certification
- Resources to Prepare You for Certification 
-  Q & A



Learning Objectives

- ✓ Identify certification opportunities health IT
- ✓ Discuss how to validate your knowledge, competency and credibility
- ✓ Develop skills and tools to help you make a difference in your organization and your community

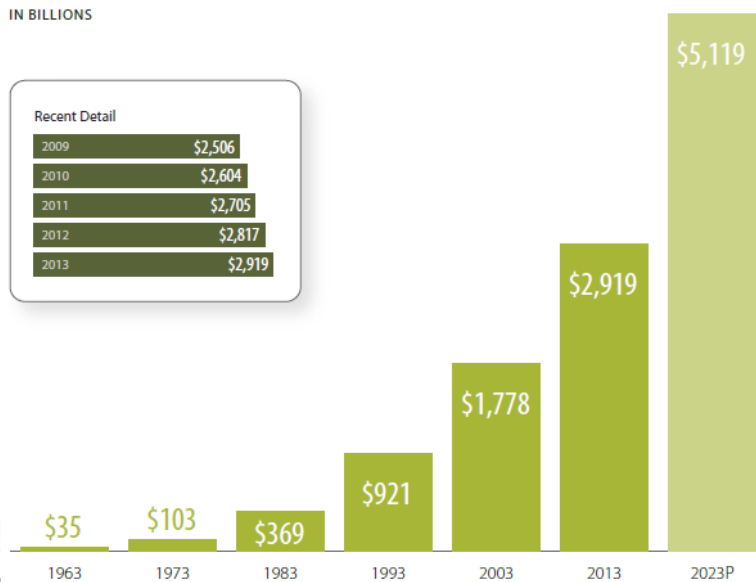


The State of Healthcare...

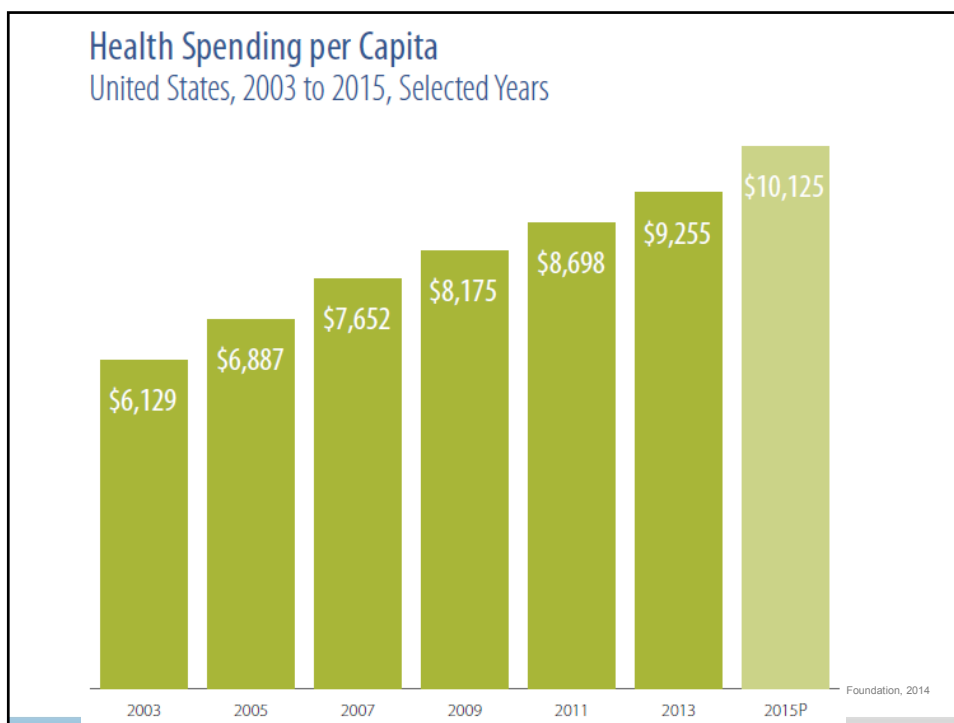
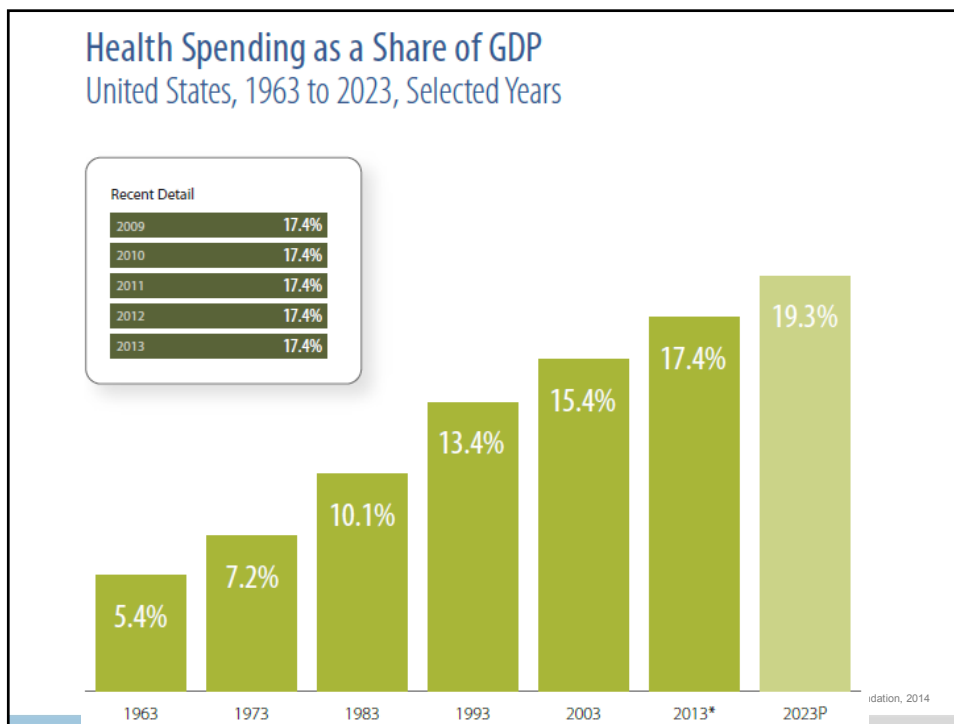
Health Spending United States, 1963 to 2023, Selected Years

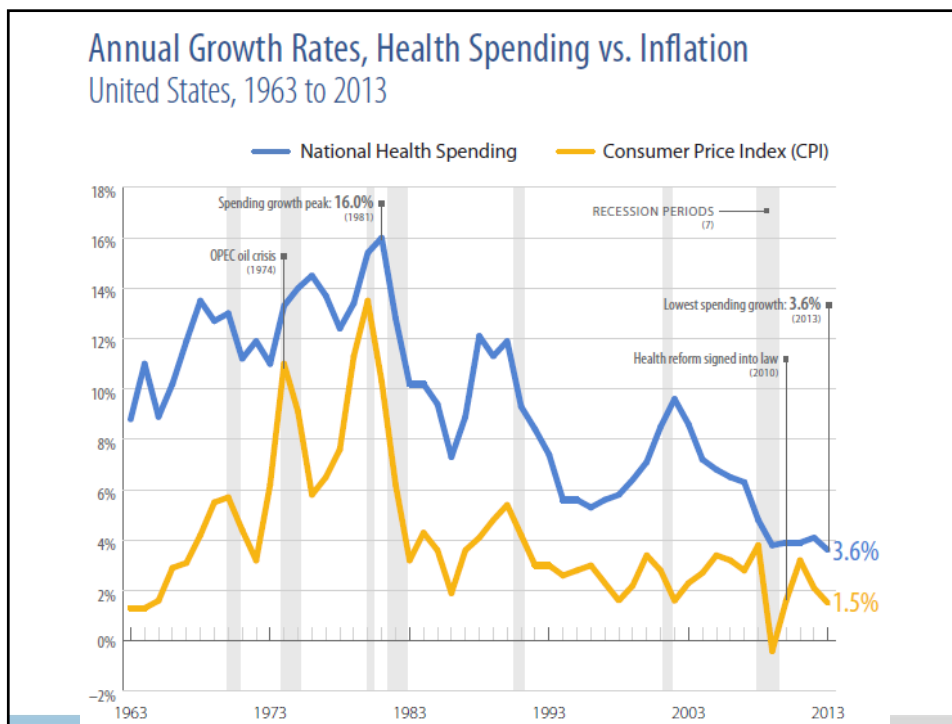
IN BILLIONS

Recent Detail	
2009	\$2,506
2010	\$2,604
2011	\$2,705
2012	\$2,817
2013	\$2,919



Foundation, 2014

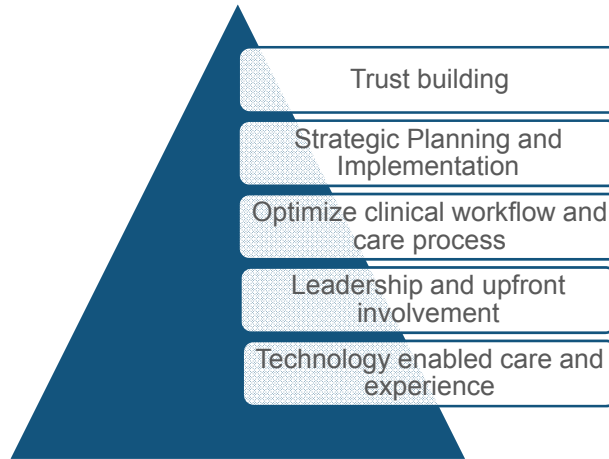




EMR Adoption in the U.S. (2006 – 2015) (%)

Stage	Cumulative Capabilities	2006	2008	2010	2012	2014 Q4	2015 Q4
Stage 7	Complete EMR, CCDA transactions; Data Analytics to Improve Care	0.0	0.3	1.0	1.8	3.6	4.2
Stage 6	Physician documentation (structured templates), full CDSS, full R-PACS	0.1	0.5	3.2	5.0	17.9	27.1
Stage 5	Closed Loop Medication Administration = Bar Code Enablement	0.5	2.5	4.5	11.5	32.8	35.9
Stage 4	CPOE, or e-Prescribing, Clinical Decision Support (clinical protocols)	3.1	2.5	10.5	14.0	14.0	10.1
Stage 3	Clinical documentation, CDSS (error checking)	18.7	35.7	49.0	41.7	21.0	16.4
Stage 2	CDR, Controlled Medical Vocabulary, CDS, HIE capable	40.0	31.4	14.6	4.4	5.1	2.6
Stage 1	Ancillaries - Lab, Rad, Pharmacy - All Installed	17.4	11.5	7.1	4.1	2.0	1.7
Stage 0	All Three Ancillaries Not Installed	20.4	15.6	10.1	7.5	3.7	2.1
# of Hospitals		N=4,237	N=5,166	N=5,281	N=5,310	N=5,467	N=5,454

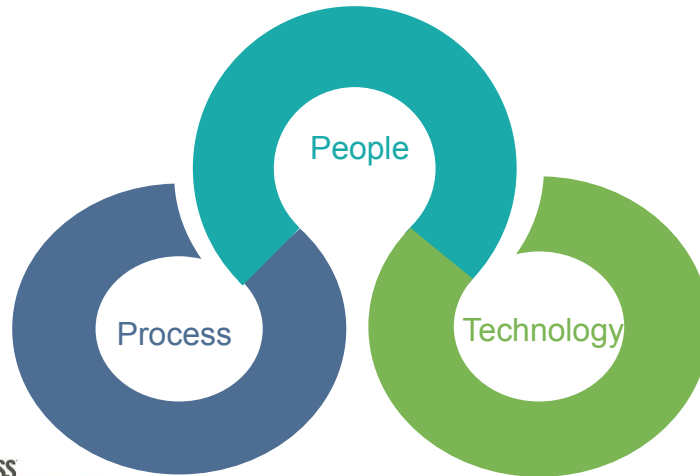
Early and Often: Engaging in Health IT



Pathways to Health IT Certification



Pathways to Health IT Certification



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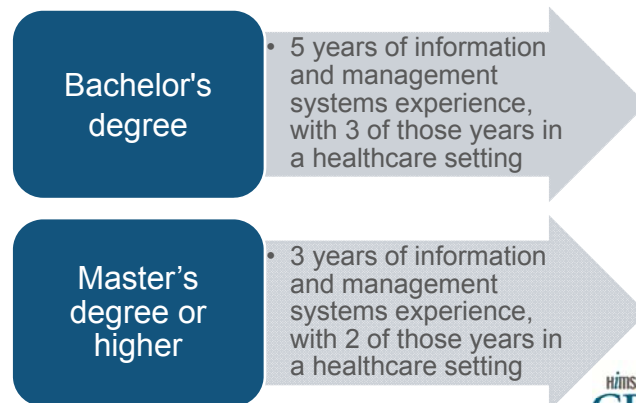
Pathways to Health IT Certification

- Certified Professional in Healthcare Information and Management Systems (CPHIMS)

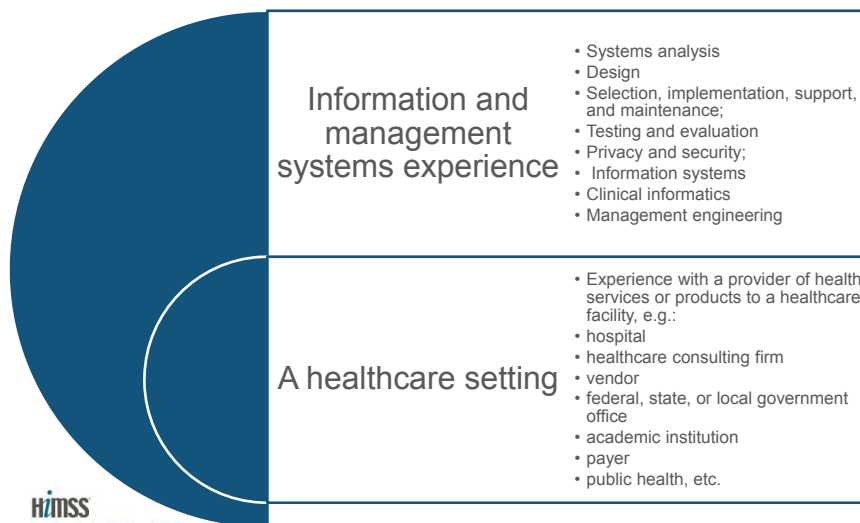


Pathways to Health IT Certification

- Qualification for taking the CPHIMS exam and earn CPHIMS certification



Pathways to Health IT Certification



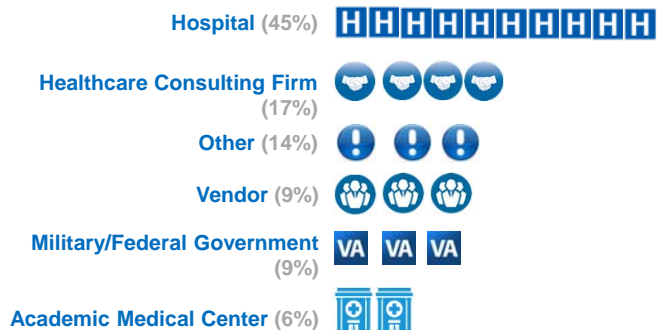
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Where does CPHIMS come from...



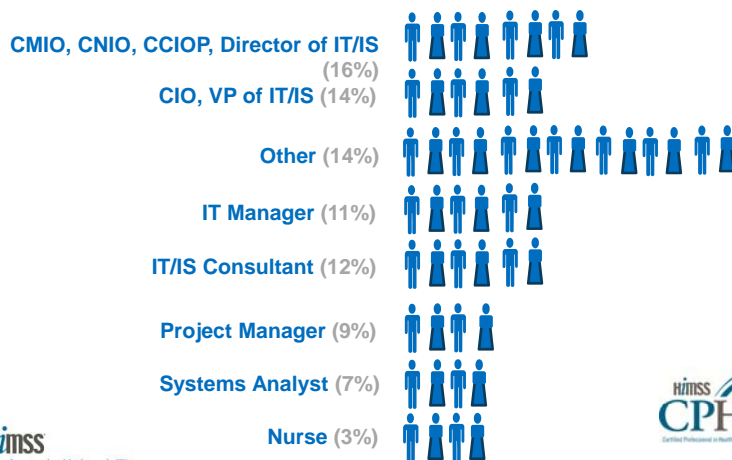
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Where does CPHIMS work...



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Who is CPHIMS certified...



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CPHIMS Examination Content Outline (effective February, 2015)	Cognitive Level						Total	
	Recall		Application		Analysis			
1. General	22	22%	6	6%	0	0%	28	28%
A. Healthcare Environment	10	10%	4	4%	0	0%	14	14%
B. Technology Environment	12	12%	2	2%	0	0%	14	14%
2. Systems	3	3%	22	22%	15	15%	40	40%
A. Analysis	2	2%	10	10%	4	4%	16	16%
B. Design	0	0%	3	3%	3	3%	6	6%
C. Selection, Implementation, Support, and Maintenance	0	0%	4	4%	3	3%	7	7%
D. Testing and Evaluation	0	0%	2	2%	3	3%	5	5%
E. Privacy and Security	1	1%	3	3%	2	2%	6	6%
3. Administration	5	5%	18	18%	9	9%	32	32%
A. Leadership	3	3%	10	10%	9	9%	22	22%
B. Management	2	2%	8	8%	0	0%	10	10%
Total	30	30%	46	46%	24	24%	100	100%



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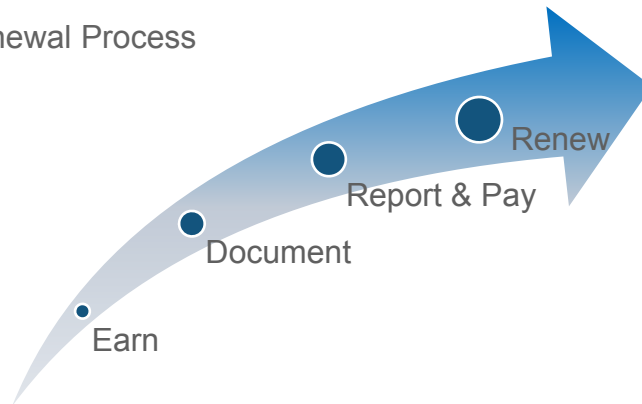
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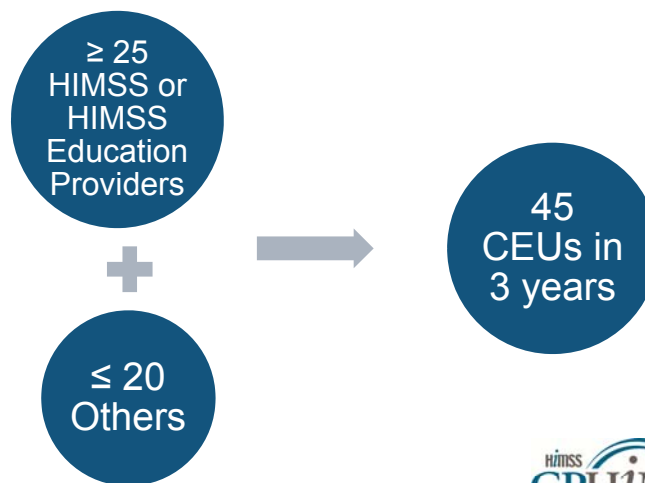


Pathways to Health IT Certification

- Renewal Process



Pathways to Health IT Certification



Pathways to Health IT Certification

- Six Types of Continuing Education:



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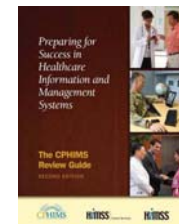
HIMSS Approved Providers of Education

Academy of Nutrition & Dietetics
Accreditation Council for Pharmacy Education (ACPE)
AfrHealth
Agency for Healthcare Research & Quality (AHRQ)
Alliance for Nursing Informatics (ANI) Member Organizations
American Academy of Pediatrics
American Association of Healthcare Administrative Management (AAHAM)
American Association of Nurse Anesthetists (AANA)
American Board of Quality Assurance and Utilization Review Physicians (ABQAUWP)
American College of Cardiology (ACC)
American College of Chest Physicians
American College of Clinical Engineering (ACCE)
American College of Healthcare Executives (ACHE)
American College of Physician Executives (ACPE)
American College of Physicians (ACP)
American Health Information Management Association (AHIMA)
American Health Lawyers Association (AHLA)
American Hospital Association (AHA)
American Management Association (AMA)
American Medical Informatics Association (AMIA)
American National Standards Institute (ANSI)
American Nurses Association (ANA)
American Nurses Credentialing Center (ANCC)
American Nursing Informatics Association (ANIA)
American Organization of Nurse Executives (AONE)
American Osteopathic Association of Medical Informatics (AOAMI)
American Society for Healthcare Human Resources Administration (ASHHRA)
American Society for Quality (ASQ)
American Society of Health-System Pharmacists (ASHP)
American Telemedicine Association (ATA)
ARMA International
ASCX12 The Accredited Standards Committee
Association for the Advancement of Medical Instrumentation (AAMI)
Association of Change Management Professionals (ACMP)
Association of Clinicians for the Underserved (ACU)
Association of Medical Directors of Information Systems (AMDIS)
Association of periOperative Registered Nurses (AORN)
Association of Women's Health, Obstetric & Neonatal Nurses (AWHONN)
CDISC
COACH: Canada's Health Informatics Association
Collaborative Health Consortium
College of Healthcare Information Management Executives (CHIME)
Continua Health Alliance
Department of Defense (DoD)
Drug Information Association (DIA)
ECRI Institute
Health Informatics Institute – Algoma University
Health Level Seven (HL7)
Health Story Project
Healthcare Financial Management Association (HFMA)
HIMSS Electronic Health Record Association (EHRA)
Human Factors & Ergonomics Society (HFES)
IEEE Engineering in Medicine & Biology Society (IEEE EMB)
Information Technology Association of Canada (ITAC)
Institute for e-Health Policy
Institute for Safe Medication Practices (ISMP)
Integrating the Healthcare Enterprise (IHE)
International Information Systems Security Certification Consortium (ISCC)
International Medical Informatics Association (IMIA)
Kantara Initiative
Medical Group Management Association (MGMA)
National Association of School Nurses (NASN)
National eHealth Collaborative
National Institute of Standards & Technology (NIST)
NCQA
Object Management Group (OMG)
Project Management Institute (PMI)
Radiological Society of North America (RSNA)
RFID in Healthcare Consortium
Scottsdale Institute
Society for Health Systems (SHS)
Society for Imaging Informatics in Medicine (SIIM)
Technology Informatics Guiding Education Reform (The T.I.G.E.R. Initiative)
U.S. Department of Veterans Affairs
Workgroup for Electronic Data Interchange (WEDI)

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Resources to Prepare You for Certification

- Candidate Handbooks
 - [Complimentary at HIMSS website](#)
- Review Materials for the CPHIMS Exam
 - [HIMSS Dictionary of Healthcare Information Technology Terms, Acronyms and Organizations, Third Edition](#)
 - [Preparing for Success in Healthcare Information and Management Systems: The CPHIMS Review Guide, Second Edition](#)



Resources to Prepare You for Certification

- In-Person Review Courses & Webinars
 - For upcoming events, you may obtain [here](#)



Questions?



Thank You!



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