Topics to be Addressed Today

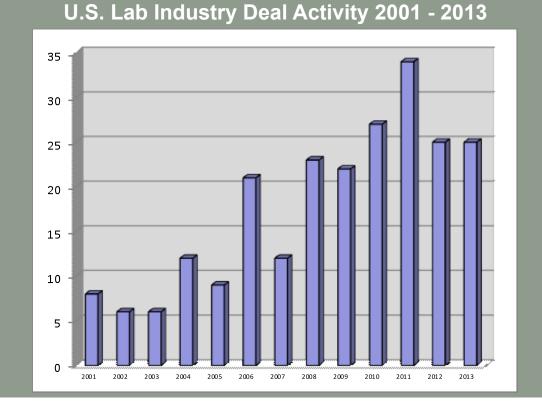
- Aggregate statistics for laboratory industry transaction activity
- Laboratory valuation trends
- Factors driving lab industry transactions
- Haverford's forecast regarding future lab transaction trends
- Recap of completed lab transactions 2013 2014
- Overview of the largest lab deals of 2013 2014
- Most active acquirers of 2013 2014
- Most significant lab industry M&A trend of 2013 2014



• Lab industry deal activity has leveled out in 2012 and 2013 after reaching record levels in 2011.

of Closed Laboratory

Transactions

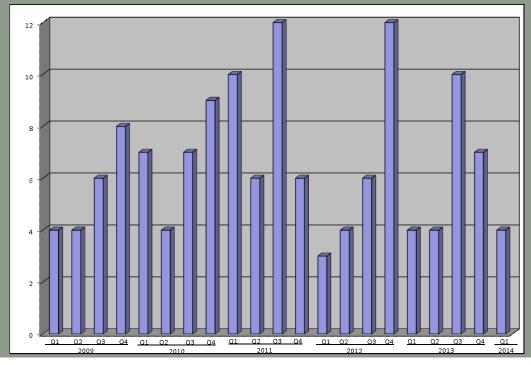




• Most lab industry transactions continue to be completed in either the third or fourth calendar quarter.

U.S. Lab Industry Deal Activity Q1 2009 - Q1 2014

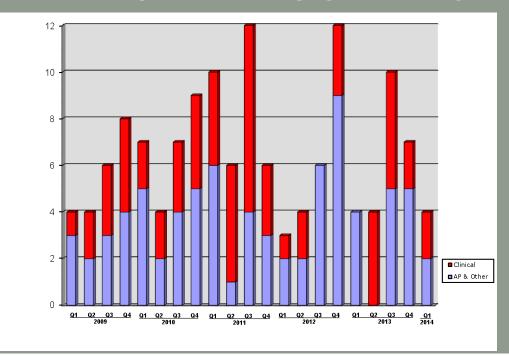
of Closed Laboratory Transactions



• Anatomic Pathology and Specialty Lab deals outnumbered Clinical Lab deals 14 to 11 over the four quarters of 2013. The four deals completed in Q1-2014 were split equally between the two categories.

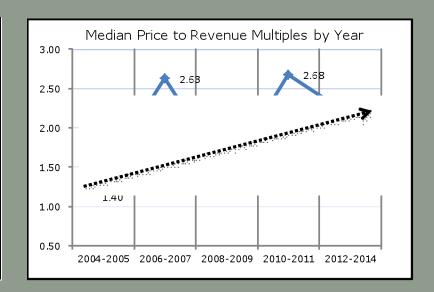
U.S. Lab Industry Deal Activity Q1 2009 - Q1 2014

of Closed Laboratory Transactions



Price to Revenue multiples have trended upward over the past decade.

Price to Revenue Multiples by Acquisition Year 2004 through 2014						
Acquisition Target	Number of Transactions	Average Price to				
Date Range	Hansactions	Revellue	Revenue			
2004 - 2005	9	1.57	1.40			
2006 - 2007	11	2.74	2.63			
2008 - 2009	11	1.44	1.40			
2010 - 2011	11	3.61	2.68			
2012 - 2014	3	1.98	2.16			
All Transactions	45	2.35	2.09			



(Data is based on transactions where information has been publicly disclosed.)



Acquirers consistently pay higher Price to Revenue multiples for larger labs.

Price to Revenue Multiples by Revenue Size of Target 2004 through 2014							
Acquisition Target Revenue Range	Number of Transactions	Average Price to Revenue	Median Price to Revenue				
> \$0.0 to \$20.0 mil > \$20.0 to \$50.0 mil	14 6	2.18 2.21	1.40 2.47				
> \$50.0 to \$30.0 mil > \$100.0 to \$200.0 mil	9 11	2.39 2.57	2.24 2.15				
> \$200.0 mil	5	2,45	2.53				
All Transactions	45	2.35	2.09				



(Data is based on transactions where information has been publicly disclosed.)



Preliminary observations regarding aggregate lab industry transaction activity:

- •The volume of lab transactions remains at historically high levels but has stabilized at the five-year-average level.
- •The valuations paid for lab companies remain at historically high levels.



Countervailing lab industry forces will impact future transaction activity:

- •The lab industry is facing unprecedented challenges regarding reimbursement for testing services and anemic volume growth. However, lab companies are increasingly looking to acquisitions as a means to bolster volume growth.
- •The number of active "serial" lab acquirers has declined; however, competition for transactions among the remaining acquirers is very high which, in turn, is keeping valuations high.
- •Hospitals are acquiring physician practices and absorbing the associated test volume at the expense of commercial clinical labs. However, lab companies are acquiring hospital outreach labs or joint venturing with hospitals with increasing frequency.
- •The number of independent lab acquisition targets has declined. However, despite years of consolidation, niche segments of the industry (e.g., pathology, hospital labs) remain highly fragmented.



Other factors that will continue to support high levels of M&A activity and high valuations for lab companies in the future include:

- •Public companies and private equity investors continue to remain interested in investing in the lab industry.
- •Lab testing is a valuable service that represents only 2-3% of health care expenditures but influences 70-80% of physician decisions. Early detection can reduce downstream health care costs.
- Favorable demographics and increased potential volume from uninsured.
- •Large commercial lab acquirers provide a clear exit strategy for smaller industry participants.



 We anticipate that lab industry deal activity and valuations in 2014 will remain consistent with levels observed in 2013 and 2012.

Recap of Lab Transactions for 2013-2014

Almost every transaction in the following review exemplifies one of the following industry macro trends:

- Large industry participant acquiring routine clinical or specialty labs.
- Specialty life science company acquiring a specialty molecular or genomic testing laboratory.
- Pharmaceutical or technology company or private equity investor entering the industry via the acquisition of a specialized genetic or molecular testing lab.
- Consolidation of urine drug screen labs serving the pain medicine, addiction medicine, and behavioral health provider market.



Recap of Lab Transactions for 2013-2014

About the Data ...

- We have obtained the information from sources believed to be reliable.
- Includes some estimates made by Haverford Healthcare Advisors and other organizations such as *The Dark Report*, *Laboratory Economics* and *Laboratory Industry Report*.
- In most cases, dates are intended to represent the months in which the transactions were actually closed, as opposed to announcement dates.
- Each transaction represents a unique set of facts and circumstances;
 the data is most relevant when viewed in the aggregate.



Recap of Lab Transactions for 2013 (Page 1 of 2)

	CLINICAL LABORATORY TRANSACTIONS - 2013							
	Date	Acquirer	Target	Purchase Price	Target Revenue	Target EBITDA	Price to Revenue	
1	Jan-13	Illumina	Verinata Health	NA	NA	NA		
2	Jan-13	Access Genetics	Oral DNA (sold by Quest Diagnostics)	NA	NA	NA		
3	Jan-13	Management (Selah Genomics)	Lab 21 Ltd.'s So. Carolina dinical lab operations	NA	NA	NA		
4	Jan-13	Ascend Clinical, LLC	PathCentral	NA	NA	NA		
5	Apr-13	Laboratory Corporation of America	Dignity Health's Outreach Clinical Lab Operations (AZ)	NA	NA	NA		
6	May-13	Quest Diagnostics	Dignity Health's Outreach Clinical Lab Operations (CA, NV)	NA	NA	NA		
7	May-13	Quest Diagnostics	Concentra's Advanced Toxicology Network	NA	NA	NA		
8	Jun-13	Laboratory Corporation of America	Laboratory Partners' MedLab Physician Office Business	\$10,700,000	NA	NA		
9	Jul-13	BelHealth Investment Partners	General Genetics Corporation	NA	NA	NA		
10	Aug-13	Sterling Reference Laboratories	Norchem Drug Testing Laboratory	NA	NA	NA		
11	Aug-13	Metamark Genetics, Inc.	HealthTronics Laboratory Solutions, Inc.	NA	NA	NA		
12	Aug-13	Bio-Reference Laboratories	Hunter Laboratories	NA	\$20,000,000	NA		
13	Aug-13	Gardiner -Smith Laboratories	ARUP-Animal Reference Pathology	NA	NA	NA		
	Source: Financial information from press releases, SEC filings and other publicly available sources EBITDA: Earnings before interest, taxes, depreciation and amortization							



Recap of Lab Transactions for 2013 (Page 2 of 2)

			CLINICAL LABORATORY TR	RANSACTIONS - 20)13			
	Date	Acquirer	Target	Purchase Price	Target Revenue	Target EBITDA	Price to Revenue	
14	Aug-13	Laboratory Corporation of America	Genesis Clinical Laboratory Outreach Business	NA	NA	NA		
15	Aug-13	Laboratory Corporation of America	Bendiner Schlesinger	NA	NA	NA		
16	Aug-13	Response Genetics	Pathwork Diagnostics	\$1,200,000	NA	NA		
17	Sep-13	Laboratory Corporation of America	John Muir Health Clinical Laboratory Outreach Services	NA	NA	NA		
18	Sep-13	Clinical Genomics Technologies Pty Ltd.	Enterix, Inc. (sold by Quest Diagnostics)	NA	NA	NA		
19	Oct-13	Quest Diagnostics	ConVerge Diagnostic Services LLC	NA	NA	NA		
20	Oct-13	Miraca Life Sciences	PLUS Diagnostics	NA	NA	NA		
21	Nov-13	Levine Leichtman Capital Partners	Genova Diagnostics	NA	NA	NA		
22	Nov-13	Laboratory Corporation of America	SEPA Labs	NA	NA	NA		
23	Nov-13	Viracor IBT Laboratories	Lab Operations of National Institute of Transplantation	NA	NA	NA		
24	Dec-13	Spectra Laboratories	Shiel Medical Laboratory	NA	NA	NA		
25	Dec-13	Manhattan Labs	Genatom, Inc.	NA	NA	NA		
	Source: Financial information from press releases, SEC filings and other publicly available sources EBITDA: Earnings before interest, taxes, depreciation and amortization							



Recap of Lab Transactions for Q1-2014

CLINICAL LABORATORY TRANSACTIONS - YTD 2014							
Acquirer	Target	Purchase Price	Target Revenue	Target EBITDA	Price to Revenue		
Quest Diagnostics	Solstas Lab Partners Group	\$570,000,000	\$355,000,000	NA	1.61		
Laboratory Corporation of America	Covance's Genomics Molecular Lab	NA	NA	NA			
Quest Diagnostics	Summit Health	NA	NA	NA			
Laboratory Corporation of America	Terre Haute Medical Lab	\$10,500,000	NA	NA			
	Quest Diagnostics Laboratory Corporation of America Quest Diagnostics Laboratory Corporation	Quest Diagnostics Laboratory Corporation of America Quest Diagnostics Solstas Lab Partners Group Covance's Genomics Molecular Lab Summit Health Laboratory Corporation Terro Haute Medical Lab	AcquirerTargetPriceQuest DiagnosticsSolstas Lab Partners Group\$570,000,000Laboratory Corporation of AmericaCovance's Genomics Molecular LabNAQuest DiagnosticsSummit HealthNALaboratory CorporationTerre Haute Medical Lab\$10,500,000	AcquirerTargetPriceRevenueQuest DiagnosticsSolstas Lab Partners Group\$570,000,000\$355,000,000Laboratory Corporation of AmericaCovance's Genomics Molecular LabNANAQuest DiagnosticsSummit HealthNANALaboratory CorporationTorre Haute Medical Lab\$10,500,000	AcquirerTargetPriceRevenueEBITDAQuest DiagnosticsSolstas Lab Partners Group\$570,000,000\$355,000,000NALaboratory Corporation of AmericaCovance's Genomics Molecular LabNANANAQuest DiagnosticsSummit HealthNANANALaboratory CorporationTerre Haute Medical Lab\$10,500,000NA		

Source: Financial information from press releases, SEC filings and other publicly available sources

EBITDA: Earnings before interest, taxes, depreciation and amortization



Largest Transaction of 2013-2014

Acquisition Date: March 2014

Acquirer:

Quest Diagnostics, Inc.

Madison, NJ

Purchase Price: \$570.0 mil

Price / Revenue Multiple: 1.61X

Price / EBITDA Multiple: -

Target:

Solstas Lab Partners

Greensboro, NC

Target Revenue: \$355.0 mil

Target EBITDA: -

• **Comments:** Solstas Lab Partners Group and its subsidiaries (Solstas) is a full-service commercial laboratory company based in Greensboro, North Carolina. Solstas operates in nine states, including the Carolinas, Virginia, Tennessee, Georgia and Alabama. Solstas was owned by private equity firm Welsh Carson Anderson and Stowe along with minority owners Ascension Health Ventures, Carillion Clinic, Novant Health System and Wellmont Health System.



Solstas Lab Partners – Company History

Solstas has a complex history involving many owners and numerous transactions.

- •November, 2005 -Spectrum Laboratory Network is acquired by Apax Partners from its founders Moses Cone Health System (which retains a 20% stake in Spectrum), High Point Regional Health, and Novant Health System.
- •December, 2009 -Spectrum Laboratory Network is acquired from Apax Partners (New York, NY) which owned 80% and from Moses Cone Health System (Greensboro, NC) which owned 20% for approximately \$230 million by Welsh, Carson, Anderson and Stowe (NYC, NY). Spectrum's estimated annual net revenue for 2009 is \$190 mil.

Solstas Lab Partners - Company History

- March, 2010 Carillion Labs (a for-profit affiliate of the Carilion Clinics, Roanoke, VA) merges with Spectrum Laboratory Network. Following the merger, Carilion Clinics owns 33% of the merged entity. Novant, a minority owner in Carilion Labs prior to the merger, also owns a minority stake in Spectrum. Lab industry veteran David Weevil was named CEO of Spectrum. Merged entity estimated to have combined annual net revenue of approximately \$300 to \$350 million (Carilion Labs estimated annual net revenue is \$110 mil).
- October, 2010 Solstas acquires Doctors Laboratory, Inc. of Valdosta, GA. (Est. Net Rev. of \$40 mil).
- February, 2011 Solstas adopts new name and logo.

Solstas Lab Partners – Company History

- June, 2011 Solstas receives an equity investment from Ascension Health Ventures joining Carillion Clinic, Novant Health System and Wellmont Health System as minority investors. Welsh, Carson, Anderson, and Stowe retains majority ownership of Solstas.
- June, 2011 Solstas acquires Select Diagnostics, Inc. a regional lab company with offices in Greensboro and Raleigh, NC and Lexington, VA. (Estimated annual net revenue of \$10 mil).
- August, 2011 Solstas acquires Nextwave Diagnostic Laboratories and Wilmington Pathology Laboratory, both based in Wilmington, NC. Both of these labs were owned by the pathologists of Wilmington Pathology Associates. (Estimated annual net revenue of \$10 mil).

Solstas Lab Partners - Company History

- August, 2011 Solstas acquires Southern Diagnostic Laboratories of Birmingham, AL. (Estimated annual net revenue of \$20 mil).
- November, 2011 Solstas acquires Oracle Diagnostic Laboratories, a clinical lab located in Davie, FL. (Estimated annual net revenue of \$10 mil).
- December, 2011 Solstas acquires Hayes Clinical Laboratory of Boynton Beach, FL. (Estimated annual net revenue of \$10 mil).
- January, 2014 Quest agrees to acquire Solstas for approximately \$570 mil. (Estimated annual net revenue of \$355 mil for 2014).



Most Active Acquirers of 2013-2014

- <u>Laboratory Corporation of America [NYSE: LH]</u> completed six transactions in 2013 and two transactions in Q1-2014.
- LabCorp was also the most active acquirer of lab businesses in 2010 during which it completed six transactions. LH completed three deals in 2011 and four transactions in 2012, including Medtox for \$241 mil.
- Labcorp also completed the largest lab acquisition of 2010 with its acquisition of Genzyme Genetics for \$925 mil in September, 2010.

	LABORATORY CORPORATION OF AMERICA COMPLETED TRANSACTIONS 2013 - 1st Qtr 2014						
	Date	Acquirer	Target	Purchase Price	Target Revenue	Target EBITDA	Price to Revenue
1	Apr-13	Laboratory Corporation of America	Dignity Health's Outreach Clinical Lab Operations	NA	NA	NA	
2	Jun-13	Laboratory Corporation of America	Laboratory Partners' MedLab Physician Office Business	\$10,700,000	NA	NA	
3	Aug-13	Laboratory Corporation of America	Genesis Clinical Laboratory Outreach Business	NA	NA	NA	
4	Aug-13	Laboratory Corporation of America	Bendiner Schlesinger	NA	NA	NA	
5	Sep-13	Laboratory Corporation of America	John Muir Health Clinical Laboratory Outreach Services	NA	NA	NA	
6	Nov-13	Laboratory Corporation of America	SEPA Labs	NA	NA	NA	
7	Mar-14	Laboratory Corporation of America	Covance's Genomics Molecular Lab	NA	NA	NA	
8	Mar-14	Laboratory Corporation of America	Terre Haute Medical Lab	\$10,500,000	NA	NA	



Most Active Acquirers of 2013-2014

- **Quest Diagnostics [NYSE: DGX]** completed three transactions in 2013 and two transactions in Q1-2014.
- Just last week, Quest announced the acquisition of certain hospital outreach lab operations of Steward Health Care System in greater Boston, MA.
- Quest completed two acquisitions in 2012 and two acquisitions in 2011. Quest did not complete any acquisitions in 2009 or 2010.

	QUEST DIAGNOSTICS COMPLETED TRANSACTIONS 2013 - 1st Qtr 2014						
	Date	Acquirer	Target	Purchase Price	Target Revenue	Target EBITDA	Price to Revenue
1	May-13	Quest Diagnostics	Dignity Health's Outreach Clinical Lab Operations	NA	NA	NA	
2	May-13	Quest Diagnostics	Concentra's Advanced Toxicology Network	NA	NA	NA	
3	Oct-13	Quest Diagnostics	ConVerge Diagnostic Services LLC	NA	NA	NA	
4	Mar-14	Quest Diagnostics	Solstas Lab Partners Group	\$570,000,000	\$355,000,000	NA	1.61
5	Mar-14	Quest Diagnostics	Summit Health	NA	NA	NA	



Notably Missing from the Most Active Acquirers of 2013-2014

- **Solstas Lab Partners** had been the most active acquirer of 2011 completing six deals.
- **Sterling Reference Laboratories** had completed three deals in 2012 and only one in 2013.
- **Bio-Reference Laboratories** had completed three small transactions in 2012 and only one larger transaction in 2013.
- **Sonic Healthcare USA's** last acquisition was in February 2011.
- Aurora Diagnostics' last acquisition was in August 2011.

Hospital Laboratory Acquisitions

Typical Reasons hospitals wish to exit the outreach business:

- To monetize a non-core asset and utilize the capital for other key investment: physician practice acquisitions, GI suite, etc.
- Inability to be competitive due to use of hospital fee schedule in the outreach market
- Space constraints / hospital wants space for other, more core use or ancillary revenue opportunity

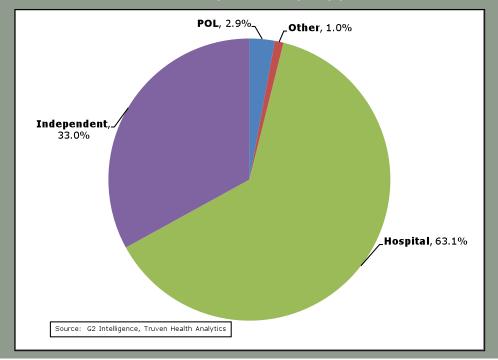
	HOSPITAL LABORATORY TRANSACTIONS - 2013 -YTD 2014							
	Date	Acquirer	Target	Purchase Price	Target Revenue	Target EBITDA	Price to Revenue	
1	Apr-13	Laboratory Corporation of America	Dignity Health's Outreach Clinical Lab Operations (AZ)	NA	NA	NA		
2	May-13	Quest Diagnostics	Dignity Health's Outreach Clinical Lab Operations (CA, NV)	NA	NA	NA		
3	Aug-13	Laboratory Corporation of America	Genesis Clinical Laboratory Outreach Business	NA	NA	NA		
4	Sep-13	Laboratory Corporation of America	John Muir Health Clinical Laboratory Outreach Services	NA	NA	NA		
5	Mar-14	Laboratory Corporation of America	Terre Haute Medical Lab	\$10,500,000	NA	NA		
6	Mar-14	Quest Diagnostics	Solstas Lab Partners Group	\$570,000,000	\$355,000,000	NA	1.61	



Hospital labs are commanding an increasing share of total lab industry revenue at the expense of independent labs.

- Hospitals accounted for roughly 50% of the market 5 years ago.
- Quest and LabCorp combined account for 47.9% of the independent segment.
- While still fragmented, the independent lab segment continues to consolidate.

Lab Revenue by Facility Type - 2012



Hospitals control over 63% of the \$74 billion lab market and are providing stiff competition to the national commercial laboratories.

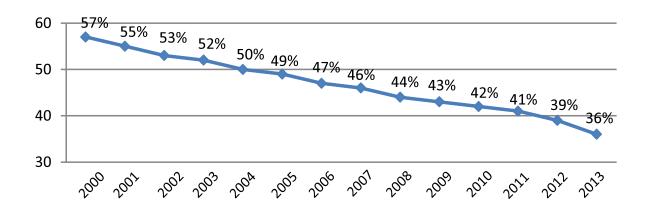
- After reimbursement cuts, the single biggest headwind facing the large commercial labs today is the erosion of their physician client base due to physician practice acquisitions by hospitals.
- Hospitals are benefiting from the higher reimbursement on acquired physicians' lab testing due to the hospital laboratory fee schedule.
- Most industry observers expect that this reimbursement differential that hospitals now enjoy will erode over the medium term.
- In the meantime, however, volume growth at the big commercial labs continues to suffer. Quest just announced that its Q1-2014 volume grew only 0.7% versus Q1-2013. LabCorp had not yet issued its Q1-2014 results at the time of the completion of this presentation.



Physician-as-Employee Model

In 2011, 60% of independent lab services were provided to physician offices according to a George Washington University study.

Percentage of Independent Physicians



Source: "Clinical Transformation: New Business Models for a New Era in Healthcare," Accenture, 10/31/12



Past Significant M&A Trends

Two significant lab industry M&A trends that Haverford identified at last year's Executive War College meeting for 2012-2013 were notably less significant in 2013-2014.

Toxicology Laboratory Acquisitions

 Consolidation of urine drug screen labs serving the pain medicine, addiction medicine, and behavioral health provider market.

Pathology Laboratory Acquisitions

 Haverford estimates that nearly \$1.0 billion of private equity capital has been invested in the anatomic pathology segment over the past five to six years.



Haverford Healthcare Advisors

- Provides business valuation and transaction advisory services to healthcare service companies
- Specific focus on clinical laboratories and pathology practices
- Facilitates the process of selling, merging or partnering, or growing through acquisition
- Provides lab valuation services, typically in connection with a contemplated transaction or with the formation of joint ventures

Christopher Jahnle, Managing Director cjahnle@haverfordcapital.com

43 Leopard Road, Suite 102, Paoli, PA 19301 Telephone: (610) 407-4027

Fax: (610) 407-4028

www.haverfordhealthcare.com

