J.P.Morgan

Quintiles Transnational

1Q14 Review: Strong Quarter with Record Bookings; Reiterate Overweight and \$60 PT

Quintiles (Q) reported strong 1Q results, with the top and bottom line coming in above expectations, led by strength in Product Development. The company also raised FY14 sales and adj. EPS guidance above consensus to \$4.13-4.19B (+8.4%-10.0% cc growth) and \$2.45-\$2.58, respectfully, while also posting solid book-to-bill metrics across both Product Development and Integrated Healthcare Services and reporting a record +\$10.1B backlog. On the call, management cited optimism in its ability to capitalize on recent consolidation trends in pharma as well as the recently-announced strategic partnership with Biogen Idec. We are encouraged by the return to growth in IHS and the company's ability to drive cost out of the model, with scale and the global footprint. With little to change the investment debate, we maintain our Overweight rating and December 2014 price target of \$60.

- Top-line beat led by Product Development, while IHS returns to growth. 1Q service revenues of \$1,005M (+8.4% cc growth y/y including a ~\$33M contribution from the Novella acquisition) came in above the Street (\$996M) and JPMe (\$989M), with strength in both Product Development and Integrated Health Services. By segment, Product Development revenue grew +8.6% cc to \$771M (vs. JPMe \$759M), due to growth in core clinical services volumes in NA, clinical trial support services, global labs volumes, and the Novella acquisition, partially offset by the conclusion of a large clinical solutions project. Integrated Health revenue grew +7.9% cc to \$234M (vs. JPMe \$230M), due to increases in Japan and NA, as well as growth in real-world and late phase research services. On the bottom line, adjusted EPS of \$0.68 came in well above both consensus (\$0.55) and JPMe (\$0.50).
- New backlog milestone and strong cross-segment book-to-bills extend rationale for optimism. Net new business and book-to-bill ratios were healthy across both segments, with Product Development at 1.30x and IHS at 1.15x. The company reached a new milestone with a record backlog of \$10.1B at the end of the quarter. On the call, management noted that it continues to see significant demand for observational real world and late-phase research services in HIS, marked by a third consecutive quarter of strong bookings in the segment. Notably, the strength in observational studies has been seen among both traditional customers (i.e. pharma), but increasingly, from non-traditional ones as well (for example, Quintiles recently oversaw the NFL concussion study).

Overweight

Q, Q US

Price: \$48.76

Price Target: \$60.00

Life Science Tools & Diagnostics

Tycho W. Peterson AC

(1-212) 622-6568

tycho.peterson@jpmorgan.com

Bloomberg JPMA PETERSON <GO>

Jordan McKinnie

(1-212) 622-7059

jordan.m.mckinnie@jpmorgan.com

Tejas Savant

(1-212) 622-5650

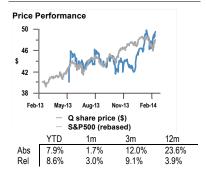
tejas.savant@jpmorgan.com

Patrick Donnelly

(1-212) 622-9735

patrick.donnelly@jpmorgan.com

J.P. Morgan Securities LLC



Quintiles Transnational Holdings, Inc. (Q;Q US)

FYE Dec	2013A	2014E (Prev)	2014E (Curr)	2015E (Prev)	2015E (Curr)
EPS (\$)					
Q1 (Mar)	0.49	0.50	0.68A	0.55	0.65
Q2 (Jun)	0.50	0.55	0.62	0.61	0.70
Q3 (Sep)	0.54	0.63	0.62	0.71	0.70
Q4 (Dec)	0.58	0.71	0.65	0.79	0.74
FY ` ´	2.11	2.39	2.56	2.67	2.78
Source: Company data, I	Bloomberg, J.P. Morgan	estimates.			

Company Data	
Price (\$)	48.76
Date Of Price	01-May-14
52-week Range (\$)	55.00-40.00
Market Cap (\$ mn)	6,487.03
Fiscal Year End	Dec
Shares O/S (mn)	133
Price Target (\$)	60.00
Price Target End Date	31-Dec-14

See page 8 for analyst certification and important disclosures.

J.P. Morgan does and seeks to do business with companies covered in its research reports. As a result, investors should be aware that the firm may have a conflict of interest that could affect the objectivity of this report. Investors should consider this report as only a single factor in making their investment decision.

J.P.Morgan

- Consolidation considerations and a new strategic partner... Management was upfront about its position in regards to the recent consolidation announcements in the pharmaceutical industry, as like most companies, Quintiles believes that it maintains a position of strength from the diversified customer base (in this case, >500 biopharma companies with no customer accounting for more than 10% of sales). Management also sees cost preservation as a motivation of M&A, and believes this will result in further outsourcing to capable CROs such as Quintiles. Along those lines, the company used the call to highlight a recently-announced strategic partnership with Biogen Idec, while noting that such partnerships utilize a broad range of development services and capabilities from planning and design through clinical execution, as well as observational research.
- 2014 guidance comes in above consensus. Quintiles updated 2014 service revenue guidance from \$4.09-4.15B to \$4.13-4.19B (vs. consensus of \$4.12B), with the majority of the increase attributable to a return to growth in the IHS segment. Margins are expected to continue to expand due to continuing progress with productivity improvement, resource management, geographical positioning in low cost countries, and risk-based monitoring initiatives, while the tax rate is expected to be ∼30%. The company also updated 2014 adjusted EPS guidance from \$2.33-\$2.46 to \$2.45-\$2.58 (vs. consensus of \$2.42), while GAAP EPS is now expected to be in the range of \$2.38-\$2.52, due to \$12-14M in restructuring expense and a ∼\$4M tax adjustment.
- Maintain Overweight rating. We are updating our model for the quarter and increasing estimates for the return to growth in IHS and other commentary from the quarter. We continue to believe the company is in position to grow through strategic partnerships and to drive cost out of the model with its scale, technical capabilities, and global footprint. As such, we reiterate our Overweight rating and December 2014 price target of \$60 (based on a CAPM-derived WACC of 8.2% and terminal growth of 1%). For additional thoughts on the investment thesis, please see our initiation report.

Figure 1: Q: 1Q14 Variance

iguio ii di rati ratiano													
	1Q1	3A		1Q1	4E		1Q14A				Varia	ance	
	Actı	ıal	JPM Est	mate	Conse	nsus	Actu	Actual		ge y/y	vs. JPM Est.		Notes
	\$ M	%	\$ M	%	\$ M	%	\$ M	%	Δ\$	∆ margin	\$ M	%	
Product Development	706		759				771		9.1%		12		- +8.9% constant currency
Integrated Health	221		230				234		6.0%		5		- +7.9% constant currency
Total Revenue	927		989		996		1,005		8.4%		16		- +8.4% constant currency
Gross Profit	316	34.1%	340	34.3%			362	36.0%	14.3%	184 bp	22	162 bp	
SG&A	(198)	21.4%	(221)	22.4%			(219)	21.8%	10.6%	44 bp	2	-58 bp	
Adj. Operating Income	118	12.8%	118	12.0%			142	14.2%	20.3%	140 bp	24	220 bp	
Income Tax	(26)	30.3%	(28)	30.0%			(38)	30.4%	44.8%	9 bp	(10)	42 bp	
Adjusted Net Income	58	6.3%	66	6.7%			91	9.0%	56.3%	277 bp	25	233 bp	
Diluted Shares	118.	7M	133.	5M			133.	0M	12	.0%	-0.	4M	
GAAP EPS	\$0.4	41	\$0.4	18			\$0.6	58	66	.6%	\$0	.20	
Adjusted Diluted EPS	\$0.4	49	\$0.5	50	\$0.	55	\$0.6	68	39.	.5%	\$0.	.19	
2014 Annual Guidance Other Topics													

2014 Guidance

Revenue: \$4.13-4.19B (8.4-10.0% cc growth) [Raised]

Adjusted EPS: \$2.45-2.58 (16.7%-22.9% y/y) [Raised]

GAAP EPS: \$2.38-2.52

Taxrate: ~30%

- Estimates assume 4Q13 ending FX rates
- Increase in sales guidance driven by IHS growth

1Q14 Book-to-Bill:

- Overall B2B: 1.27x
- Product Development 1.30x
- Integrated Healthcare Services: 1.15x
- Ending Backlog: \$10.1B; Record and largest in the industry

Source: J.P. Morgan estimates, Company data.

Investment Thesis, Valuation, and Risks

Investment thesis

We are Overweight on shares of Quintiles. We believe that stable biopharmaceutical R&D budgets coupled with increasing CRO penetration rates should bode well for Quintiles. Industry dynamics continue to favor larger CROs with broad therapeutic expertise and late-stage exposure – giving Quintiles an edge over competition. New value-added service offerings for the company (DNA sequencing/expression, outcome analytics) present future opportunities for growth that other CROs do not have. The financial deleveraging following the IPO should provide a path to years of double- digit EPS growth that is well above that of peers.

Valuation

We are maintaining our December 2014 price target of \$60 based on a 10-year discounted cash flow analysis, with a CAPM-derived WACC discount rate of 8.2% and terminal growth of 1.0% (see Figure 3).

Risks to rating and price target

We believe downside risks to our Overweight rating include: (1) biopharma research budgets coming under more pressure; (2) additional biopharma consolidation which could prove disruptive to the CRO industry; and (3) the continued emphasis on larger, strategic contracts could drive additional pricing pressure.

Figure 2: Q: Model

Figure 2: Q: Model														
Income Statement			1QA	2QA	3QA	4QA		1QA	2QE	3QE	4QE			CAGR
USD \$M	2011A	2012A	Mar	Jun	Sep	Dec	2013A	Mar	Jun	Sep	Dec	2014E	2015E	10-15E
Product Development	2,438	2,729	706	724	714	775	2,920	771	797	793	829	3,189	3,429	9.1%
Integrated Healthcare Services	857	964	221	220	218	229	889	234	239	238	251	962	1,041	6.1%
Total Revenue	3,295	3,692	927	944	933	1,004	3,808	1,005	1,035	1,031	1,080	4,152	4,470	8.3%
Book-to-Bill	1.23	1.22	1.37	1	1	1	1	1						
Gross Profit	1,142	1,233	316	327	332	362	1,337	362	379	376	393	1,509	1,626	9.0%
SG&A	(744)	(788)	(198)	(202)	(200)	(233)	(833)	(219)	(227)	(224)	(235)	(906)	(966)	0.0%
EBIT (Operating Income)	398	445	118	124	132	129	504	142	151	152	158	603	660	10.6%
EBITDA	490	544	143	149	160	160	612	171	176	177	185	710	780	10.1%
Pre-Tax Income	296	318	86	92	102	106	385	124	127	127	134	512	570	
Income Taxes	(102)	(112)	(26)	(30)	(29)	(30)	(115)	(38)	(38)	(38)	(40)	(154)	(172)	
NetIncome	191	209	58	63	72	76	270	91	90	90	94	365	402	17.4%
Diluted Shares Outstanding	117.9	117.8	118.7	126.6	133.3	132.9	127.9	133.0	145.1	145.6	145.3	142.3	144.3	4.1%
GAAP Diluted EPS	\$ 2.05	\$ 1.51	\$ 0.41	\$ 0.30	\$ 0.50	\$ 0.55	\$ 1.77	\$ 0.68	\$ 0.60	\$ 0.60	\$ 0.63	\$ 2.51	\$ 2.78	
Adjusted Diluted EPS (non-GAAP)	\$ 1.62	\$ 1.77	\$ 0.49	\$ 0.50	\$ 0.54	\$ 0.58	\$ 2.11	\$ 0.68	\$ 0.62	\$ 0.62	\$ 0.65	\$ 2.56	\$ 2.78	12.7%
Gross Margin	34.7%	33.4%	34.1%	34.6%	35.6%	36.1%	35.1%	36.0%	36.6%	36.5%	36.4%	36.3%	36.4%	
change in gross margin (y/y, bp)	-55	-127	+62	+107	+260	+251	+172	+184	+199	+85	+32	+124	+4	
SG&A	22.6%	21.3%	21.4%	21.4%	21.4%	23.2%	21.9%	21.8%	22.0%	21.8%	21.8%	21.8%	21.6%	
Operating Margin	12.1%	12.1%	12.8%	13.1%	14.2%	12.9%	13.2%	14.1%	14.6%	14.7%	14.5%	14.5%	14.8%	
change in op margin (y/y, bp)	-122	-3	+78	+103	+216	+76	+117	+140	+148	+50	+173	+129	+25	
EBITDA Margin	14.9%	14.7%	15.4%	15.8%	17.1%	15.9%	16.1%	17.1%	17.0%	17.2%	17.1%	17.1%	17.5%	
Tax Rate	34.5%	34.9%	39.2%	18.9%	29.1%	27.5%	29.7%	30.5%	30.0%	30.0%	30.0%	30.1%	30.1%	
Profit Margin	5.8%	5.7%	6.3%	6.7%	7.7%	7.6%	7.1%	9.0%	8.7%	8.7%	8.7%	8.8%	9.0%	
Reported Revenue Growth y/y	10.0%	12.1%	4.4%	-0.1%	2.1%	6.2%	3.1%	8.4%	9.7%	10.5%	7.6%	9.0%	7.7%	
EBITDA Growth y/y	1.5%	10.9%	10.3%	7.9%	17.7%	14.0%	12.5%	19.9%	18.1%	11.0%	15.6%	16.0%	10.0%	
EPS Growth y/y	6.0%	9.5%	10.8%	4.8%	20.8%	40.3%	18.8%	39.5%	24.2%	14.4%	12.9%	21.7%	8.5%	

Source: J.P. Morgan estimates, Company data.

Figure 3: Q: DCF Analysis

Target Period: Dec 2014

Projected FY Ending Dec	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Revenue (\$M)	3,808	4,152	4,470	4,783	5,099	5,431	5,784	6,138	6,506	6,847	7,205	7,528
growth y/y		9%	8%	7%	7%	6%	6%	6%	6%	5%	5%	4%
EBIT (\$M)	453	590	660	705	764	826	894	962	1,036	1,104	1,177	1,243
EBIT margin	12%	14%	15%	15%	15%	15%	15%	16%	16%	16%	16%	17%
Tax-affected EBIT (\$M)	318	412	461	493	534	578	625	673	724	772	822	869
Free Cash Flow	318	387	423	465	511	523	559	614	665	721	771	819
growth y/y		22%	9%	10%	10%	2%	7%	10%	8%	8%	7%	6%

	Discounted		PV	PV of Terminal Value (\$M) at a								Equivalent Terminal					
Discount Rate	Cash Flows (\$M)			Perpetu	al Growt	h Rate o	f		Enterp	rise Valu	ıe (\$M)		EBI	TDA Mult	iple (for	ward 12 n	nos)
	2015-2024		0.0%	0.5%	1.0%	1.5%	2.0%	0.0%	0.5%	1.0%	1.5%	2.0%	0.0%	0.5%	1.0%	1.5%	2.0%
7.2%	4,074		6,037	6,518	7,076	7,732	8,512	10,111	10,592	11,150	11,806	12,586	7.5x	7.8x	8.3x	8.7x	9.3x
7.7%	3,974		5,415	5,819	6,282	6,820	7,451	9,389	9,792	10,256	10,793	11,425	7.0x	7.3x	7.6x	8.0x	8.5x
8.2%	3,877	+	4,879	5,220	5,609	6,055	6,574	8,756	9,097	9,486	9,932	10,450	6.5x	6.7x	7.0x	7.4x	7.7x
8.7%	3,784	•	4,413	4,704	5,033	5,408	5,838	8,196	8,488	8,817	9,191	9,622	6.1x	6.3x	6.5x	6.8x	7.1x
9.2%	3,694		4,005	4,255	4,536	4,854	5,215	7,699	7,949	8,230	8,547	8,908	5.7x	5.9x	6.1x	6.3x	6.6x
	Net Debt (Cash)													Ter	minal Va	lue	
	(\$M)			Equi	ity Value	(\$M)		Equity Value per Share					as a % of Enterprise Value				
			0.0%	0.5%	1.0%	1.5%	2.0%	0.0%	0.5%	1.0%	1.5%	2.0%	0.0%	0.5%	1.0%	1.5%	2.0%
	926		9,186	9,667	10,224	10,880	11,660	\$64.57	\$67.95	\$71.87	\$76.48	\$81.97	60%	62%	63%	65%	68%
	926		8,463	8,867	9,330	9,867	10,499	\$59.49	\$62.33	\$65.58	\$69.36	\$73.80	58%	59%	61%	63%	65%
_	926		7,830	8,171	8,560	9,007	9,525	\$55.04	\$57.44	\$60.17	\$63.31	\$66.95	56%	57%	59%	61%	63%
	926		7,271	7,562	7,891	8,266	8,696	\$51.11	\$53.16	\$55.47	\$58.10	\$61.13	54%	55%	57%	59%	61%
	926		6,773	7,023	7,304	7,622	7,983	\$47.61	\$49.37	\$51.35	\$53.58	\$56.11	52%	54%	55%	57%	59%

Source: J.P. Morgan estimates, Company data.

Quintiles Transnational: Summary of Financials

Income Statement - Annual	FY13A	FY14E	FY15E	FY16E	Income Statement - Quarterly	1Q14A	2Q14E	3Q14E	4Q14E
Revenues	3,808	4,152	4,470	4,783	Revenues	1,005A	1,035	1,031	1,080
Cost of products sold	(2,471)	(2,643)	(2,844)	(3,043)	Cost of products sold	(644)A	(657)	(655)	(687)
Gross profit	1,337	1,509	1,626	1,740	Gross profit	362A	379	376	393
SG&A	(833)	(906)	(966)	(1,023)	SG&A	(219)A	(227)	(224)	(235)
R&D		` -	` -	-	R&D	. , -	-	` -	-
Operating income	504	603	660	717	Operating income	142A	151	152	158
EBITDA	612	710	780	854	EBITDA	171A	176	177	185
Net interest (income) / expense	-	-	-	-	Net interest (income) / expense	-	-	-	-
Other income / (expense)	(119)	(91)	(90)	(79)	Other income / (expense)	(19)A	(25)	(24)	(24)
Income taxes	(116)	(147)	(168)	(189)	Income taxes	(33)A	(37)	(37)	(39)
Net income	270	365	402	449	Net income	91A	90	90	94
Diluted shares outstanding	128	142	144	143	Diluted shares outstanding	133A	145	146	145
Diluted EPS	2.11	2.56	2.78	3.13	Diluted EPS	0.68A	0.62	0.62	0.65
Balance Sheet and Cash Flow Data	FY13A	FY14E	FY15E	FY16E	Ratio Analysis	FY13A	FY14E	FY15E	FY16E
Cash and cash equivalents	778	1,005	1,112	1,343	Sales growth	3.1%	9.0%	7.7%	7.0%
Accounts receivable	924	898	966	1,034	EBIT growth	13.2%	19.6%	9.5%	8.6%
Inventories	0	0	0	0	EPS growth	18.8%	21.7%	8.5%	12.4%
Other current assets	241	255	255	255					
Current assets	1,946	2,161	2,337	2,635	Gross margin	35.1%	36.3%	36.4%	36.4%
PP&E	200	267	356	433	EBIT margin	13.2%	14.5%	14.8%	15.0%
Total assets	3,067	3,308	3,520	3,844	EBITDA margin	16.1%	17.1%	17.5%	17.9%
					Tax rate	30.0%	28.7%	29.5%	29.6%
Total debt	2,046	1,972	1,772	1,572	Net margin	7.1%	8.8%	9.0%	9.4%
Total liabilities	3,734	3,641	3,508	3,373					
Shareholders' equity	(667)	(333)	12	471	Net Debt / EBITDA	207.3%	136.2%	84.6%	26.8%
					Net Debt / Capital (book)	211.1%	152.6%	98.2%	32.7%
Net income (including charges)	226	355	400	448					
D&A	108	107	120	137	Return on assets (ROA)	9.7%	11.4%	11.8%	12.2%
Change in working capital	60	6	(2)	(3)	Return on equity (ROE)	(26.6%)	(72.9%)	(250.1%)	185.7%
Other	4	(1)	11	11					
Cash flow from operations	397	468	529	594	Enterprise value / sales	-	-	-	-
					Enterprise value / EBITDA	-	-	-	-
Capex	(92)	(128)	(156)	(163)	Free cash flow yield	4.9%	4.9%	5.3%	6.2%
Free cash flow	305	340	373	431					
Cash flow from investing activities	(240)	(124)	(156)	(163)					
Cash flow from financing activities	71	(117)	(266)	(200)					
Dividends	0	0	0	0					
Dividend yield	-	-	-	-					

Source: Company reports and J.P. Morgan estimates.

Note: \$ in millions (except per-share data). Fiscal year ends Dec

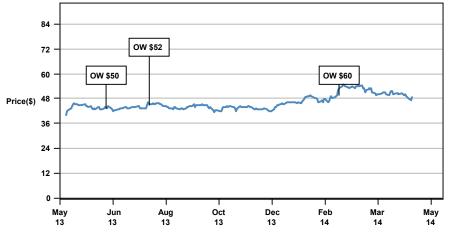
Analyst Certification: The research analyst(s) denoted by an "AC" on the cover of this report certifies (or, where multiple research analysts are primarily responsible for this report, the research analyst denoted by an "AC" on the cover or within the document individually certifies, with respect to each security or issuer that the research analyst covers in this research) that: (1) all of the views expressed in this report accurately reflect his or her personal views about any and all of the subject securities or issuers; and (2) no part of any of the research analyst's compensation was, is, or will be directly or indirectly related to the specific recommendations or views expressed by the research analyst(s) in this report. For all Korea-based research analysts listed on the front cover, they also certify, as per KOFIA requirements, that their analysis was made in good faith and that the views reflect their own opinion, without undue influence or intervention.

Important Disclosures

- Lead or Co-manager: J.P. Morgan acted as lead or co-manager in a public offering of equity and/or debt securities for Quintiles Transnational within the past 12 months.
- Client: J.P. Morgan currently has, or had within the past 12 months, the following company(ies) as clients: Quintiles Transnational.
- Client/Investment Banking: J.P. Morgan currently has, or had within the past 12 months, the following company(ies) as investment banking clients: Quintiles Transnational.
- Client/Non-Securities-Related: J.P. Morgan currently has, or had within the past 12 months, the following company(ies) as clients, and the services provided were non-securities-related: Quintiles Transnational.
- Investment Banking (past 12 months): J.P. Morgan received in the past 12 months compensation from investment banking Quintiles Transnational.
- Investment Banking (next 3 months): J.P. Morgan expects to receive, or intends to seek, compensation for investment banking services in the next three months from Quintiles Transnational.

Company-Specific Disclosures: Important disclosures, including price charts, are available for compendium reports and all J.P. Morgan-covered companies by visiting https://jpmm.com/research/disclosures, calling 1-800-477-0406, or e-mailing research.disclosure.inquiries@ipmorgan.com with your request. J.P. Morgan's Strategy, Technical, and Quantitative Research teams may screen companies not covered by J.P. Morgan. For important disclosures for these companies, please call 1-800-477-0406 or e-mail research.disclosure.inquiries@ipmorgan.com.

Quintiles Transnational (Q, Q US) Price Chart



Date	Rating	Share Price (\$)	Price Target (\$)
18-Jun-13	OW	43.53	50.00
01-Aug-13	OW	44.85	52.00
13-Feb-14	OW	49.44	60.00

Source: Bloomberg and J.P. Morgan; price data adjusted for stock splits and dividends. Initiated coverage Jun 18, 2013.

The chart(s) show J.P. Morgan's continuing coverage of the stocks; the current analysts may or may not have covered it over the entire period.

J.P. Morgan ratings or designations: OW = Overweight, N= Neutral, UW = Underweight, NR = Not Rated

Explanation of Equity Research Ratings, Designations and Analyst(s) Coverage Universe:

J.P. Morgan uses the following rating system: Overweight [Over the next six to twelve months, we expect this stock will outperform the average total return of the stocks in the analyst's (or the analyst's team's) coverage universe.] Neutral [Over the next six to twelve

months, we expect this stock will perform in line with the average total return of the stocks in the analyst's (or the analyst's team's) coverage universe.] Underweight [Over the next six to twelve months, we expect this stock will underperform the average total return of the stocks in the analyst's (or the analyst's team's) coverage universe.] Not Rated (NR): J.P. Morgan has removed the rating and, if applicable, the price target, for this stock because of either a lack of a sufficient fundamental basis or for legal, regulatory or policy reasons. The previous rating and, if applicable, the price target, no longer should be relied upon. An NR designation is not a recommendation or a rating. In our Asia (ex-Australia) and U.K. small- and mid-cap equity research, each stock's expected total return is compared to the expected total return of a benchmark country market index, not to those analysts' coverage universe. If it does not appear in the Important Disclosures section of this report, the certifying analyst's coverage universe can be found on J.P. Morgan's research website, www.jpmorganmarkets.com.

Coverage Universe: Peterson, Tycho W: Accuray (ARAY), Affymetrix (AFFX), Agilent Technologies (A), Bruker Corporation (BRKR), Cellular Dynamics (ICEL), Cepheid (CPHD), Charles River Laboratories (CRL), Covance (CVD), FEI Company (FEIC), Foundation Medicine (FMI), GenMark Diagnostics (GNMK), Genomic Health (GHDX), Hologic (HOLX), ICON Plc (ICLR), Illumina, Inc. (ILMN), Intrexon (XON), Intuitive Surgical, Inc. (ISRG), Luminex (LMNX), Mettler-Toledo (MTD), Myriad Genetics Inc. (MYGN), NanoString (NSTG), Oxford Immunotec (OXFD), Pacific Biosciences Inc. (PACB), PerkinElmer (PKI), Qiagen N.V. (QGEN), Quidel (QDEL), Quintiles Transnational (Q), Sigma Aldrich (SIAL), Sirona Dental Systems Inc (SIRO), Thermo Fisher Scientific (TMO), Varian Medical (VAR), Waters (WAT), WuXi PharmaTech (WX), Zeltiq Aesthetics (ZLTQ)

J.P. Morgan Equity Research Ratings Distribution, as of March 31, 2014

	Overweight	Neutral	Underweight
	(buy)	(hold)	(sell)
J.P. Morgan Global Equity Research Coverage	44%	44%	11%
IB clients*	58%	49%	40%
JPMS Equity Research Coverage	45%	48%	7%
IB clients*	78%	67%	60%

^{*}Percentage of investment banking clients in each rating category.

For purposes only of FINRA/NYSE ratings distribution rules, our Overweight rating falls into a buy rating category; our Neutral rating falls into a hold rating category; and our Underweight rating falls into a sell rating category. Please note that stocks with an NR designation are not included in the table above.

Equity Valuation and Risks: For valuation methodology and risks associated with covered companies or price targets for covered companies, please see the most recent company-specific research report at http://www.jpmorganmarkets.com, contact the primary analyst or your J.P. Morgan representative, or email research.disclosure.inquiries@jpmorgan.com.

Equity Analysts' Compensation: The equity research analysts responsible for the preparation of this report receive compensation based upon various factors, including the quality and accuracy of research, client feedback, competitive factors, and overall firm revenues.

Other Disclosures

J.P. Morgan ("JPM") is the global brand name for J.P. Morgan Securities LLC ("JPMS") and its affiliates worldwide. J.P. Morgan Cazenove is a marketing name for the U.K. investment banking businesses and EMEA cash equities and equity research businesses of JPMorgan Chase & Co. and its subsidiaries.

All research reports made available to clients are simultaneously available on our client website, J.P. Morgan Markets. Not all research content is redistributed, e-mailed or made available to third-party aggregators. For all research reports available on a particular stock, please contact your sales representative.

Options related research: If the information contained herein regards options related research, such information is available only to persons who have received the proper option risk disclosure documents. For a copy of the Option Clearing Corporation's Characteristics and Risks of Standardized Options, please contact your J.P. Morgan Representative or visit the OCC's website at http://www.optionsclearing.com/publications/risks/riskstoc.pdf

Legal Entities Disclosures

U.S.: JPMS is a member of NYSE, FINRA, SIPC and the NFA. JPMorgan Chase Bank, N.A. is a member of FDIC. U.K.: JPMorgan Chase N.A., London Branch, is authorised by the Prudential Regulation Authority and is subject to regulation by the Financial Conduct Authority and to limited regulation by the Prudential Regulation Authority. Details about the extent of our regulation by the Prudential Regulation Authority are available from J.P. Morgan on request. J.P. Morgan Securities plc (JPMS plc) is a member of the London Stock Exchange and is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and the Prudential Regulation Authority. Registered in England & Wales No. 2711006. Registered Office 25 Bank Street, London, E14 5JP. South Africa: J.P. Morgan Equities South Africa Proprietary Limited is a member of the Johannesburg Securities Exchange and is regulated by the Financial Services Board. Hong Kong: J.P. Morgan Securities (Asia Pacific) Limited (CE number AAJ321) is regulated by the Foundation and the Securities and Futures Commission in Hong Kong and/or J.P. Morgan Broking (Hong Kong) Limited (CE number AAB027) is regulated by the Securities and Futures Commission in Hong Kong. Korea: J.P. Morgan Securities (Far East) Ltd, Seoul Branch, is regulated by the Korea Financial Supervisory Service. Australia: J.P. Morgan Australia Limited (JPMAL) (ABN 52 002 888 011/AFS Licence No: 238188) is regulated by ASIC and J.P. Morgan Securities Australia Limited (JPMSAL) (ABN 61 003 245 234/AFS Licence No: 238066) is regulated by ASIC and is a Market, Clearing and Settlement Participant of ASX Limited and CHI-X. Taiwan: J.P.Morgan Securities (Taiwan) Limited is a participant of the Taiwan Stock Exchange (company-type) and regulated by the Taiwan Securities and Futures Bureau. India: J.P. Morgan India Private Limited,

having its registered office at J.P. Morgan Tower, Off. C.S.T. Road, Kalina, Santacruz East, Mumbai - 400098, is a member of the National Stock Exchange of India Limited (SEBI Registration Number - INB 230675231/INF 230675231/INE 230675231) and Bombay Stock Exchange Limited (SEBI Registration Number - INB 010675237/INF 010675237) and is regulated by Securities and Exchange Board of India. For non local research reports, this material is not distributed in India by J.P. Morgan India Private Limited, Thailand: This material is issued and distributed in Thailand by JPMorgan Securities (Thailand) Ltd., which is a member of the Stock Exchange of Thailand and is regulated by the Ministry of Finance and the Securities and Exchange Commission and its registered address is 3rd Floor, 20 North Sathorn Road, Silom, Bangrak, Bangkok 10500. Indonesia: PT J.P. Morgan Securities Indonesia is a member of the Indonesia Stock Exchange and is regulated by the OJK a.k.a. BAPEPAM LK. Philippines: J.P. Morgan Securities Philippines Inc. is a Trading Participant of the Philippine Stock Exchange and a member of the Securities Clearing Corporation of the Philippines and the Securities Investor Protection Fund. It is regulated by the Securities and Exchange Commission. Brazil: Banco J.P. Morgan S.A. is regulated by the Comissão de Valores Mobiliarios (CVM) and by the Central Bank of Brazil, Mexico: J.P. Morgan Casa de Bolsa, S.A. de C.V., J.P. Morgan Grupo Financiero is a member of the Mexican Stock Exchange and authorized to act as a broker dealer by the National Banking and Securities Exchange Commission. Singapore: This material is issued and distributed in Singapore by or through J.P. Morgan Securities Singapore Private Limited (JPMSS) [MCI (P) 199/03/2014 and Co. Reg. No.: 199405335R] which is a member of the Singapore Exchange Securities Trading Limited and is regulated by the Monetary Authority of Singapore (MAS) and/or JPMorgan Chase Bank, N.A., Singapore branch (JPMCB Singapore) which is regulated by the MAS. This material is provided in Singapore only to accredited investors, expert investors and institutional investors, as defined in Section 4A of the Securities and Futures Act, Cap. 289. Recipients of this document are to contact JPMSS or JPMCB Singapore in respect of any matters arising from, or in connection with, the document. Japan: JPMorgan Securities Japan Co., Ltd. is regulated by the Financial Services Agency in Japan. Malaysia: This material is issued and distributed in Malaysia by JPMorgan Securities (Malaysia) Sdn Bhd (18146-X) which is a Participating Organization of Bursa Malaysia Berhad and a holder of Capital Markets Services License issued by the Securities Commission in Malaysia. Pakistan: J. P. Morgan Pakistan Broking (Pvt.) Ltd is a member of the Karachi Stock Exchange and regulated by the Securities and Exchange Commission of Pakistan. Saudi Arabia: J.P. Morgan Saudi Arabia Ltd. is authorized by the Capital Market Authority of the Kingdom of Saudi Arabia (CMA) to carry out dealing as an agent, arranging, advising and custody, with respect to securities business under licence number 35-07079 and its registered address is at 8th Floor, Al-Faisaliyah Tower, King Fahad Road, P.O. Box 51907, Riyadh 11553, Kingdom of Saudi Arabia. Dubai: JPMorgan Chase Bank, N.A., Dubai Branch is regulated by the Dubai Financial Services Authority (DFSA) and its registered address is Dubai International Financial Centre - Building 3, Level 7, PO Box 506551, Dubai, UAE.

Country and Region Specific Disclosures

U.K. and European Economic Area (EEA): Unless specified to the contrary, issued and approved for distribution in the U.K. and the EEA by JPMS plc. Investment research issued by JPMS plc has been prepared in accordance with JPMS plc's policies for managing conflicts of interest arising as a result of publication and distribution of investment research. Many European regulators require a firm to establish, implement and maintain such a policy. This report has been issued in the U.K. only to persons of a kind described in Article 19 (5), 38, 47 and 49 of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (all such persons being referred to as "relevant persons"). This document must not be acted on or relied on by persons who are not relevant persons. Any investment or investment activity to which this document relates is only available to relevant persons and will be engaged in only with relevant persons. In other EEA countries, the report has been issued to persons regarded as professional investors (or equivalent) in their home jurisdiction. Australia: This material is issued and distributed by JPMSAL in Australia to "wholesale clients" only. This material does not take into account the specific investment objectives, financial situation or particular needs of the recipient. The recipient of this material must not distribute it to any third party or outside Australia without the prior written consent of JPMSAL. For the purposes of this paragraph the term "wholesale client" has the meaning given in section 761G of the Corporations Act 2001. Germany: This material is distributed in Germany by J.P. Morgan Securities plc, Frankfurt Branch and J.P.Morgan Chase Bank, N.A., Frankfurt Branch which are regulated by the Bundesanstalt für Finanzdienstleistungsaufsicht. Hong Kong: The 1% ownership disclosure as of the previous month end satisfies the requirements under Paragraph 16.5(a) of the Hong Kong Code of Conduct for Persons Licensed by or Registered with the Securities and Futures Commission. (For research published within the first ten days of the month, the disclosure may be based on the month end data from two months prior.) J.P. Morgan Broking (Hong Kong) Limited is the liquidity provider/market maker for derivative warrants, callable bull bear contracts and stock options listed on the Stock Exchange of Hong Kong Limited. An updated list can be found on HKEx website: http://www.hkex.com.hk. Japan: There is a risk that a loss may occur due to a change in the price of the shares in the case of share trading, and that a loss may occur due to the exchange rate in the case of foreign share trading. In the case of share trading, JPMorgan Securities Japan Co., Ltd., will be receiving a brokerage fee and consumption tax (shouhizei) calculated by multiplying the executed price by the commission rate which was individually agreed between JPMorgan Securities Japan Co., Ltd., and the customer in advance. Financial Instruments Firms: JPMorgan Securities Japan Co., Ltd., Kanto Local Finance Bureau (kinsho) No. 82 Participating Association / Japan Securities Dealers Association, The Financial Futures Association of Japan, Type II Financial Instruments Firms Association and Japan Investment Advisers Association. Korea: This report may have been edited or contributed to from time to time by affiliates of J.P. Morgan Securities (Far East) Ltd, Seoul Branch. Singapore: JPMSS and/or its affiliates may have a holding in any of the securities discussed in this report; for securities where the holding is 1% or greater, the specific holding is disclosed in the Important Disclosures section above. India: For private circulation only, not for sale. Pakistan: For private circulation only, not for sale. New Zealand: This material is issued and distributed by JPMSAL in New Zealand only to persons whose principal business is the investment of money or who, in the course of and for the purposes of their business, habitually invest money. JPMSAL does not issue or distribute this material to members of "the public" as determined in accordance with section 3 of the Securities Act 1978. The recipient of this material must not distribute it to any third party or outside New Zealand without the prior written consent of JPMSAL. Canada: The information contained herein is not, and under no circumstances is to be construed as, a prospectus, an advertisement, a public offering, an offer to sell securities described herein, or solicitation of an offer to buy securities described herein, in Canada or any province or territory thereof. Any offer or sale of the securities described herein in Canada will be made only under an exemption from the requirements to file a prospectus with the relevant Canadian securities regulators and only by a dealer properly registered under applicable securities laws or, alternatively, pursuant to an exemption from the dealer registration requirement in the relevant province or territory of Canada in which such offer or sale is made. The information contained herein is under no circumstances to be construed as investment advice in any province or territory of Canada and is not tailored to the needs of the recipient. To the extent that the information contained herein references securities of an issuer incorporated, formed or created under the laws of Canada or a province or territory of Canada, any trades in such securities must be conducted through a dealer registered in Canada. No securities commission or similar regulatory authority in Canada has reviewed or in any way passed judgment upon these materials, the information contained herein or the merits of the securities described herein, and any representation to the contrary is an offence. Dubai: This report has been issued to persons regarded as professional clients as defined under the DFSA rules. Brazil: Ombudsman J.P. Morgan: 0800-7700847 / ouvidoria.jp.morgan@jpmorgan.com.

General: Additional information is available upon request. Information has been obtained from sources believed to be reliable but JPMorgan Chase & Co. or its affiliates and/or subsidiaries (collectively J.P. Morgan) do not warrant its completeness or accuracy except with respect to any disclosures relative to

North America Equity Research 01 May 2014

Tycho W. Peterson (1-212) 622-6568 tycho.peterson@jpmorgan.com J.P.Morgan

JPMS and/or its affiliates and the analyst's involvement with the issuer that is the subject of the research. All pricing is as of the close of market for the securities discussed, unless otherwise stated. Opinions and estimates constitute our judgment as of the date of this material and are subject to change without notice. Past performance is not indicative of future results. This material is not intended as an offer or solicitation for the purchase or sale of any financial instrument. The opinions and recommendations herein do not take into account individual client circumstances, objectives, or needs and are not intended as recommendations of particular securities, financial instruments or strategies to particular clients. The recipient of this report must make its own independent decisions regarding any securities or financial instruments mentioned herein. JPMS distributes in the U.S. research published by non-U.S. affiliates and accepts responsibility for its contents. Periodic updates may be provided on companies/industries based on company specific developments or announcements, market conditions or any other publicly available information. Clients should contact analysts and execute transactions through a J.P. Morgan subsidiary or affiliate in their home jurisdiction unless governing law permits otherwise.

"Other Disclosures" last revised April 5, 2014.

Copyright 2014 JPMorgan Chase & Co. All rights reserved. This report or any portion hereof may not be reprinted, sold or redistributed without the written consent of J.P. Morgan.