

# DRIVING CLINICAL TRIAL PRODUCTIVITY WITH ORACLE CLINICAL DEVELOPMENT ANALYTICS



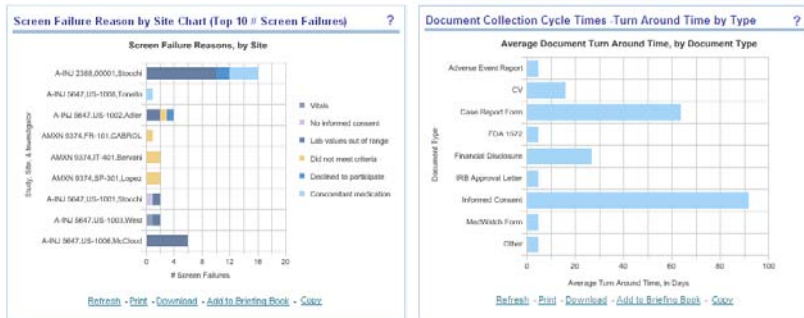
**Oracle's Clinical Development Analytics** enables life science companies to improve drug development by providing visibility into their comprehensive clinical programs. Benefits of Clinical Development Analytics include:

- More timely access to information
- Improved staff & site productivity
- Increased clinical effectiveness

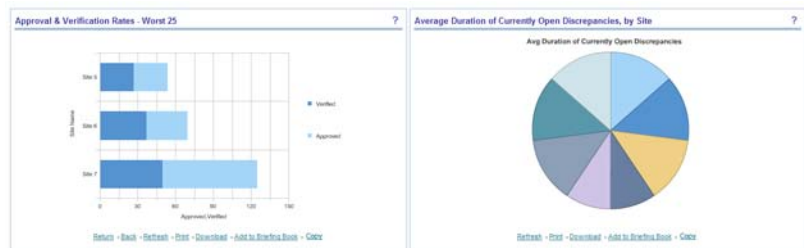
Oracle's Clinical Development Analytics is a comprehensive analytics solution that provides sponsors and CROs timely, fact-based insight into their clinical programs to bolster productivity and reduce costs. All users, from executive to data manager and clinical monitor, gain extensive visibility into the performance of their clinical development programs that is personalized, relevant and actionable. Benefits include more timely access to business critical information, improved site and staff productivity and increased clinical effectiveness.

### More timely access to information

Clinical Development Analytics provides executives and clinical managers with increased visibility into their clinical data, enabling them to identify issues sooner and make more informed business decisions.



Clinical Development Analytics provides a comprehensive view of clinical program and study activity across all levels of the organization. Clinical monitors and study managers can quickly see enrollment progress and identify any screen failure trends which may be impacting time to complete enrollment. Clinical data managers receive insight into the completeness and cleanliness of study data enabling more proactive data management to drive rapid database lock.



With Clinical Development Analytics, sponsors and CROs can holistically review and manage all studies in their clinical portfolio. Companies can identify non-performing sites and better focus resources, while also reducing study costs and time.

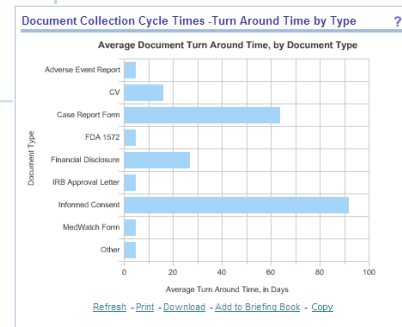
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**Improved Staff and Site Productivity**

Clinical staffing and site productivity can be significantly optimized with greater insight into subject enrollment and site performance using Clinical Development Analytics. It empowers managers and clinical monitors to better focus resources, balance workloads and reduce unnecessary travel expenses.



Clinical monitors can gain rapid insight into how their sites are performing against defined milestones and targets. Issues such as site delays in submitting key documents can be quickly and easily identified before any major impact on the study timelines. By remotely monitoring these performance metrics, clinical monitors can target which sites should be prioritized for visits based on study progress, data volume and quality. Such proactive monitoring can lead to reduced travel time, as well as increased data quality through focused site training earlier in the clinical trial life cycle. Further, project managers can easily compare and contrast site performance within, and across, studies to help identify and manage non-performing sites sooner.

Study-Site	# Open Discrepancies	# eCRFs							# of Entry-Complete eCRFs					
		Entry Complete	Not Verified	Verified	Not Approved	Approved	Soft Locked	Hard Locked	Approved	Verified	Soft Locked	Hard Locked	Navigate to Detail	
STUDY01	915	364	392	0	392	0	0	0.0	0.0	0.0	0.0			
STUDY02	428	24	27	4	27	4	17	16.7	16.7	70.0	0.3			
STUDY04	385	181	73	32	74	31	0	58.7	31.7	8.0	0.0			
<b>Grand Total</b>	<b>1722</b>	<b>609</b>	<b>492</b>	<b>36</b>	<b>492</b>	<b>39</b>	<b>17</b>	<b>6.0</b>	<b>7.1</b>	<b>3.2</b>	<b>0.4</b>			

**Oracle's Clinical Development Analytics**

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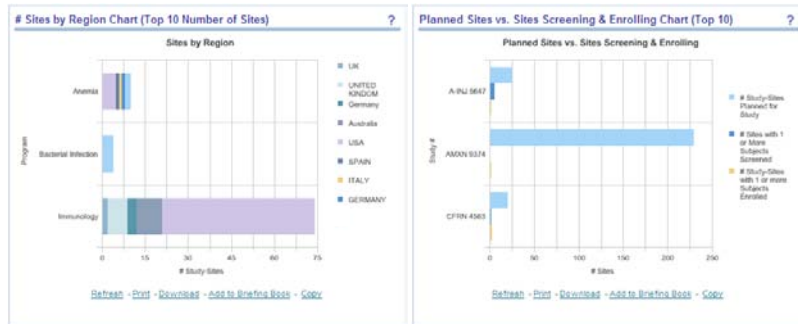
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**Increased Clinical Effectiveness**

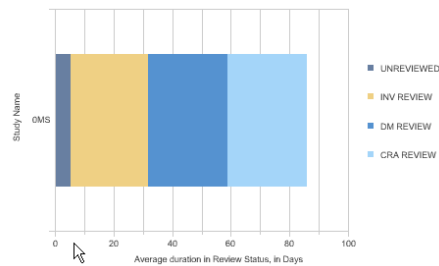
Life science organizations require clinical systems that can improve the quality and timeliness of clinical information, thereby enhancing the effectiveness of their clinical programs. Clinical Development Analytics provides this capability for sponsors and CROs.

Clinical Development Analytics delivers a rich set of pre-built reports, and role based dashboards providing detailed performance management metrics across program, study, region and site. Regional managers can gain insight into cross study progress in their region, and program managers can easily compare regional performance to identify any process or regional bottlenecks.



Data managers and clinical monitors can also easily gain an understanding of current data processing workload, and discrepancy/query volumes. The simple intuitive UI empowers users to explore performance information and take action to address data capture backlog, reduce number of discrepancies /queries, or consider process optimization.

Study Name	CRA REVIEW	DM REVIEW	INV REVIEW	UNREVIEWED
OMS	26.99	27.00	26.52	5.30



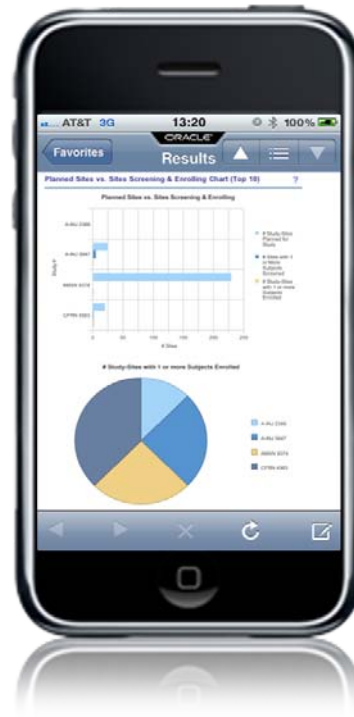
### CLINICAL DEVELOPMENT ANALYTICS TECHNICAL SPECIFICATIONS

- Supported on Linux, HP-UX, Solaris
- Oracle Business Intelligence Enterprise Edition Plus
- Informatica Powercenter
- Oracle Clinical and Remote Data Capture
- Oracle's Siebel Clinical Trial Management System

### Insight Where and When You Need It

The powerful web client facilitates access to dashboards, reports, and ad-hoc reporting through a simple web browser. The Oracle Business Indicator plugin for Apple iPhone® also enables mobile users to gain current access to the latest performance management information when on the road.

Additionally, integration to Microsoft Office enables users to consume rich datasets in the tool of their choice.



### Faster Implementation, Lower Risk and Better Business Results

Providing actionable insight to the clinical development organization requires a powerful analytic solution. Clinical Development Analytics' prebuilt components enable fast, lower cost, lower risk deployment and rapid time to business benefit. Clinical Development Analytics includes prebuilt data models, prebuilt Extract-Transform-Load programs sourcing from Oracle Clinical / Remote Data Capture, and Oracle's Siebel Clinical Trial Management System, and more than 360 business attributes covering performance management metrics, and associated descriptive terms, about clinical trial progress. This pre-built platform, combined with a highly intuitive ad hoc report builder, enables users to easily customize and extend dashboards and reports very quickly without burdening IT organizations.

**Reduce project risk and cost with Oracle Consulting Services**

Consultants from Oracle Health Sciences are part of a global consulting organization with extensive domain expertise and in-depth experience implementing Oracle's healthcare and life sciences solutions. Oracle's consultants complement Oracle Health Sciences products to provide a comprehensive solution. They can help organizations:

- *Reduce project risk and improve quality* with Oracle's distinctive resources and expertise
- *Lower total cost of ownership* with Oracle's complete solution
- *Realize faster time to business value* by leveraging Oracle's unique library of consulting assets and accelerators

Oracle Health Sciences' consultant team is 100% dedicated to Oracle Health Sciences products and have many years of experience implementing these healthcare and life sciences solutions. It is composed of a global team of product experts who leverage their close ties to Oracle's product strategy and development teams, utilize standard Oracle methodologies (OUM aware and certified), participate in numerous international standards-setting bodies (such as HL7 steering committee, CDISC), and embrace a partner-friendly strategy. All while backed up by the power of Oracle Corporation's global consulting organization. Oracle Health Sciences consultants are uniquely positioned to ensure project success.

**Contact Us**

For more information about Oracle's Clinical Development Analytics, please visit the [www.oracle.com/healthsciences](http://www.oracle.com/healthsciences) or call your local Oracle office or +1.650.506.7000 to speak to an Oracle representative.

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