## SCAMPI Calendar Year-End 2008 Statistics

**Cumulative #s:**

<table>
<thead>
<tr>
<th></th>
<th>CYE07</th>
<th>CYE08</th>
<th>Increase</th>
<th>% Increase</th>
</tr>
</thead>
<tbody>
<tr>
<td># Appraisals Performed</td>
<td>3,113</td>
<td>4,134</td>
<td>1,021</td>
<td>32.8%</td>
</tr>
<tr>
<td># Unique Organizations Appraised</td>
<td>2,674</td>
<td>3,446</td>
<td>772</td>
<td>28.9%</td>
</tr>
<tr>
<td># Unique Participating Companies</td>
<td>1,882</td>
<td>2,544</td>
<td>672</td>
<td>35.7%</td>
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<tr>
<td># Re-appraised Organizations</td>
<td>361</td>
<td>564</td>
<td>203</td>
<td>56.2%</td>
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<tr>
<td># Unique Projects</td>
<td>14,620</td>
<td>21,141</td>
<td>6,521</td>
<td>44.6%</td>
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## CMMI Transition Status
Reported to the SEI as of 10-31-09

### Training
- Introduction to CMMI: 108,724
- Intermediate CMMI: 2,990
- Understanding CMMI High Maturity Practices: 577
- Introduction to CMMI V1.2 Supplement for ACQ: 1,050
- Introduction to CMMI V1.2 Supplement for SVC (1 Day): 1,024
- Introduction to CMMI Services V1.2 (3 Day): 102

### Authorized/Certified
- Introduction to CMMI V1.2 Instructors (63 authorized): 388
- CMMI-ACQ V1.2 Instructors (all certified): 57
- CMMI-SVC V1.2 Instructors (all certified): 94
- SCAMPI V1.2 Lead Appraisers (all certified): 466
- SCAMPI V1.2 B & C Team Leaders (all authorized): 531
- SCAMPI V1.2 High Maturity Lead Appraisers (all certified): 144
- CMMI-ACQ V1.2 Lead Appraisers (all certified): 48
- CMMI-SVC V1.2 Lead Appraisers (all certified): 101
CMMI V1.2 Foreign Language Translation Status
Reported to the SEI as of 10-31-09

CMMI-DEV V1.2

<table>
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<tbody>
<tr>
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</tr>
<tr>
<td>French</td>
<td>Completed August 2008</td>
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<tr>
<td>German</td>
<td>Completed April 2009. Intro course translated October 2009</td>
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<tr>
<td>Spanish</td>
<td>Completed in June 2009</td>
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<tr>
<td>Portuguese</td>
<td>Underway, to be completed in November 2009</td>
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CMMI-ACQ V1.2

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CMMI-SVC V1.2

<table>
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<tbody>
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<td>Underway, to be completed 2009-2010</td>
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Introduction to CMMI Attendees
Cumulative as of 8-31-09

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<td>12000</td>
</tr>
<tr>
<td>2000</td>
<td>20000</td>
</tr>
<tr>
<td>2001</td>
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<td>2007</td>
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</tr>
<tr>
<td>2008</td>
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<tr>
<td>2009</td>
<td>110000</td>
</tr>
</tbody>
</table>
Introduction to CMMI Attendees
Cumulative as of 10-31-09

- CMM Intro
  - (discon'td. 12/31/05)
- CMMI Intro
Number of Appraisals Conducted by Year
Reported as of 10-31-09

[Graph showing the number of appraisals conducted by year, with years from 1987 to 2009, and the number of appraisals ranging from 0 to 1200. The graph includes categories for SPA, CBAIPI (discontinued after 12/31/2005), and SCAMPI v.X ClassA.]
CMMI Adoption Has Been Broad

25 countries with 10 or more appraisals (Aug 06 -> Jul 08):

- USA  598 -> 1034
- China  158 -> 465
- India  177 -> 323
- Japan  155 -> 220
- France  65 -> 112
- Korea (ROK)  56 -> 107
- Taiwan  31 -> 88
- Brazil  39 -> 79
- Spain  25 -> 75
- U.K.  42 -> 71
- Germany  28 -> 51
- Argentina  15 -> 47
- Canada  18 -> 43
- Malaysia  15 -> 42
- Mexico  <10 -> 39
- Australia  23 -> 29
- Egypt  10 -> 27
- Chile  <10 -> 20
- Philippines  14 -> 20
- Colombia  <10 -> 18

and Italy, Israel, Singapore, Hong Kong, and Pakistan

http://www.sei.cmu.edu/cmmi/casestudies/profiles/cmmi.cfm

Is the source for these statistical analyses.
Countries Where Appraisals Have Been Performed and Reported to the SEI

Argentina  Australia  Austria  Bahrain  Bangladesh  Belarus  Belgium  Brazil
Bulgaria  Canada  Chile  China  Colombia  Costa Rica  Czech Republic  Denmark
Dominican Republic  Egypt  Finland  France  Germany  Greece  Hong Kong  Hungary
India  Indonesia  Israel  Italy  Japan  Korea, Republic Of  Latvia
Lithuania  Luxembourg  Malaysia  Mauritius  Mexico  Morocco  Nepal  Netherlands
New Zealand  Norway  Pakistan  Panama  Peru  Philippines  Poland  Portugal
Romania  Russia  Saudi Arabia  Singapore  Slovakia  South Africa  Spain  Sri Lanka
Sweden  Switzerland  Taiwan  Thailand  Turkey  Ukraine  United Arab Emirates  United Kingdom
United States  Uruguay  Viet Nam
### Number of Appraisals and Maturity Levels Reported to the SEI by Country

<table>
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<tr>
<th>Country</th>
<th>Number of Appraisals</th>
<th>Maturity Level 1 Reported</th>
<th>Maturity Level 2 Reported</th>
<th>Maturity Level 3 Reported</th>
<th>Maturity Level 4 Reported</th>
<th>Maturity Level 5 Reported</th>
<th>Country</th>
<th>Number of Appraisals</th>
<th>Maturity Level 1 Reported</th>
<th>Maturity Level 2 Reported</th>
<th>Maturity Level 3 Reported</th>
<th>Maturity Level 4 Reported</th>
<th>Maturity Level 5 Reported</th>
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<td>25</td>
<td>3</td>
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<td>25</td>
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<td>2</td>
<td>Viet Nam</td>
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<td>11</td>
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<td>Vietnam</td>
<td>10 or fewer</td>
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</tbody>
</table>
Beyond CMMI V1.2...
Three Complementary Constellations

CMMI-SVC provides guidance for those providing services within organizations and to external customers.

CMMI-DEV provides guidance for measuring, monitoring, and managing development processes.

CMMI-ACQ provides guidance to enable informed and decisive acquisition leadership.

16 Core process areas common to all
CMMI-ACQ V1.2
Acquisition Process Areas

16 Core Process Areas

- Solicitation & Supplier Agreement Development
- Agreement Management
- Acquisition Requirements Development
- Acquisition Technical Management
- Acquisition Validation
- Acquisition Verification
Visibility into the Team’s Capability

CMMI for Acquisition

Operational Need

Acquirer

CMMI for Development

Developer

Plan | Design | Develop | Integrate & Test | Deliver

System Acceptance | Transition

Acquisition Planning | RFP Prep. | Solicitation | Source Selection | Program Leadership Insight / Oversight
CMMI-SVC V1.2

Capacity and Availability Management

Service Continuity

Incident Resolution & Prevention

Service Delivery

Service System Transition

Strategic Service Management

16 Core Process Areas and 1 Shared PA (SAM)

Service System Development

PA Addition
The primary objective of CMMI (DEV, ACQ, SVC) is to improve the capability of an organization’s processes within specific domains.

The primary objective of the People CMM is to improve the capability of an organization’s workforce through enhanced management and human capital processes.

(The People CMM defines capability as the level of knowledge, skills, and process abilities available within each workforce competency of the organization to build its products or deliver its services.)
Improving the interfaces is of interest to both government and industry....
Multiple models complicate process improvement – but make it much more powerful by addressing specific needs in various environments.

Governance
(including external mandates, regulations, and internally chosen governance)

Organizational infrastructure and readiness
(including business, engineering, and change/improvement practices)

Tactical
(procedural, for both improvement and engineering tasks)

Enterprise oriented

Discipline/domain specific

Increasing decision authority of process group
Planned Sequence of Models

- CMMI V1.1
- CMMI-AM
- SA-CMM
- GM IT Sourcing
- CMMI-DEV V1.2
- CMMI-ACQ
- People CMM
- CMMI-SVC
- CMMI V1.3

2010
Schedule for CMMI V1.3 Models

Preparation
Jan – May 2009

CPs
June – Oct 2009

Redlines
Aug 2009 – April 2010

Piloting P-Drafts*
Nov, Jan, and June

CCB Review of CPs
July – Oct 2009

CCB Review of Redlines
Nov 2009 – April 2010

CCB Review of V1.3s
July 2010

QA
July – Nov 1, 2010

Entire Project = Jan 2009 to November 1, 2010

* Piloting will include candidate solutions for appraising multiple constellations as well as a training approach for CMMI.
CMMI V1.3 Criteria

Correct identified model, training material, or appraisal method defects or provide enhancements.

Incorporate amplifications and clarifications as needed.

Accommodate potential additions to model coverage (e.g., safety, security, life cycle) only by specific direction of the CMMI Steering Group.

Decrease overall model size in v1.3 if possible; increases, if any, must not be greater than absolutely necessary.

Model and method changes should avoid adversely impacting the legacy investment of adopting companies and organizations.

Changes to model architecture will only be incorporated with specific CMMI Steering Group authorization.

Changes may only be initiated by Change Requests or the CMMI Steering Group.

Editorial changes to training may be released in advance of v1.3.

Changes must not cause retraining of the nearly 100,000 (as of Dec 2008) personnel already trained in CMMI. Upgrade training may be needed, especially for Instructors, Lead Appraisers, and appraisal team members.
CMMI Product Suite, Version 1.3

Version 1.3 will focus on but not be limited to the following:

- High Maturity
- Appraisal efficiency
- Consistency across constellations
- Simplify the generic practices

Version 1.3 is change request (CR) driven. Events such as this conference presentation are for information sharing and dialogue.
What Have We Missed?

Now let’s chat....