We could not produce this report without the support of the organizations and lead appraisers who reported their appraisal results to the SEI®.

Our many thanks for their continuing cooperation with our data collection and analysis efforts.

CMMI Appraisal Program

The Software Engineering Institute is a federally funded research and development center sponsored by the U.S. Department of Defense and operated by Carnegie Mellon University.

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**Report Documentation Page**

<table>
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<th>Report Type</th>
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**Title and Subtitle**

Process Maturity Profile: CMMI v1.1 SCAMPIISM v1.1 Class A Appraisal Results 2005 End-Year Update

**Performing Organization**

Carnegie Mellon University, Software Engineering Institute (SEI), Pittsburgh, PA, 15213

**Distribution/Availability Statement**

Approved for public release; distribution unlimited

**Abstract**


**Security Classification of:**

- Report: unclassified
- Abstract: unclassified
- This Page: unclassified

**Limitation of Abstract**

Same as Report (SAR)

**Number of Pages**

21
Outline

Introduction

Current Status

Summary

Terms used in this Briefing

How to Report your Appraisal Results to the SEI

This briefing is based solely on the appraisals reported to the SEI. It cannot be used as a source for an exact indicator of all organizations in the world using CMMI models or appraisal methods nor can it be used for certification or verification purposes.

The SEI does not certify appraisal results or organizations. The SEI licenses SEI Partners, authorizes lead appraisers and team leaders to conduct appraisals. Neither the SEI nor any other organization is a “certifying authority” of the results from a SCAMPI appraisal. Therefore requests to the SEI to provide information to be used for this purpose can not be fulfilled. Information provided by the SEI, such as this briefing, is to demonstrate reported results of the use of CMMI products and services only.

Organizations performing source selection or verification should consider performing an evaluation appraisal. For more information on appraisal methods and for a directory of authorized lead appraisers who can perform them, visit: http://www.sei.cmu.edu/appraisal-program/
Introduction: Purpose

Characterize the adoption of CMMI®

Describe results from Standard CMMI Appraisal Method for Process Improvement (SCAMPI™) v1.1 Class A appraisals using Capability Maturity Model® Integration (CMMI) v1.1 *

Encourage continued reporting of results

* Organizations previously appraised against CMMI v1.0 and which have not reappraised against v 1.1 are not included in this report

Please visit: http://www.sei.cmu.edu/appraisal-program/profile/about.html for additional information or questions you may have about this briefing before contacting the SEI directly
Section 1. Current Status

SCAMPI v1.1 Class A appraisals conducted from its April 2002 release through December 2005 and reported to the SEI by January 2006

- 1,264 appraisals
- 1,106 organizations
- 644 participating companies
- 130 reappraised organizations
- 4,771 projects
- 62.0% Non-USA organizations

Please refer to: Terms Used in this Report on page 19

Additional charts providing different views and break down of this information will be added to this briefing as more appraisal data is reported to the SEI over time.
Process Maturity Profile by All Reporting Organizations

Based on most recent appraisal of 1,106 organizations.
Reporting Organizational Categories

- Commercial/In-house: 65.6%
- Contractor for Military/Government: 30.2%
- Military/Government Agency: 4.2%

Based on 1,106 organizations
Process Maturity Profile by Reporting Organization Categories

Based on most recent appraisal of 1,106 organizations

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March 2006
Organization Type
Based on Primary Standard Industrial Classification (SIC) Code

Services 53.5%

Manufacturing 25.0%

Business Services 38.4%

Engineering & Management Services 13.4%

Retail Trade 0.2%

Wholesale Trade 0.9%

Transportation, Communication, Electric, Gas and Sanitary Services 2.6%

Mining 0.2%

Finance, Insurance and Real Estate 6.4%

Public Administration (Including Defense) 11.1%

Fabricated Metal Products 0.5%

Primary Metal Industries 1.2%

Industrial Machinery And Equipment 2.1%

Electronic & Other Electric Equipment 4.7%

Instruments And Related Products 6.4%

Transportation Equipment 10.1%

Health Services 0.7%

Other Services 0.9%

Based on 424 organizations reporting SIC code. For more information visit: http://www.osha.gov/oshstats/sicser.html
Organization Size
Based on the total number of employees within the area of the organization that was appraised

- 1 to 100: 41.6%
- 201 to 2000+: 39.5%
- 101 to 200: 18.9%
- 201 to 300: 11.0%
- 301 to 500: 9.8%
- 501 to 1000: 9.1%
- 25 or fewer: 9.9%
- 26 to 50: 12.7%
- 51 to 75: 10.3%
- 76 to 100: 8.7%
- 2000+: 3.3%

Based on 1,083 organizations reporting size data
Maturity Profile by Organization Size

Based on the total number of employees within the area of the organization that was appraised

Based on 1,083 organizations reporting size data
Disciplines Selected for Appraisals

Based on 1,264 appraisals

For more information about Allowable Models & Combinations, visit: http://www.sei.cmu.edu/cmmi/background/aspec.html
Countries where Appraisals have been Performed and Reported to the SEI

Argentina Australia Austria Belarus Belgium Brazil Canada
Chile China Colombia Czech Republic Denmark Egypt Finland
France Germany Hong Kong India Ireland Israel Italy
Japan Korea, Republic of Latvia Mauritius Mexico Netherlands
New Zealand Philippines Portugal Singapore Slovakia South Africa
Spain Sweden Switzerland Spain Thailand
United Kingdom United States Vietnam United Kingdom United States

Red country name: New additions with this reporting

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USA and Non-USA Reporting Organization Categories

Based on 420 USA organizations and 686 Non-USA organizations
Maturity Profile by All Reporting USA and Non-USA Organizations

Based on 420 USA organizations and 686 Non-USA organizations

USA: 100 % = 420
Non-USA: 100 % = 686
### Number of Appraisals and Maturity Levels Reported to the SEI by Country

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Process Area Profiles - 1
Organizations Appraised at Maturity Level 1

Based on 45 appraisals reporting a maturity level 1 rating

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Process Maturity Profile - Page 16
Process Area Profiles - 2
Organizations Appraised at Maturity Level 2

Based on 402 appraisals reporting a maturity level 2 rating
Summary

1,264 appraisals have been reported to the SEI in 46 months

Both Commercial/In-House organizations, Government/Military and Government/Military Contractors reporting appraisals are increasing at a stable and consistent rate

The highest percentage of Commercial/In-House organizations reporting appraisals is from outside the USA

The highest percentage of Government/Military Contractors reporting appraisals is from the USA

Comparing early reports of the SW-CMM maturity profile with early CMMI data reflects a more mature CMMI® profile

Additional information and charts will be added to this briefing as more appraisals are reported and more data is available to support the breakdowns
Terms Used in this Report

**Company**  
- Parent of the appraised entity  
  A company can be a commercial or non-commercial firm, for-profit or not for-profit business, a research and development unit, a higher education unit, a government agency, or branch of service, etc.

**Organization**  
- a.k.a. Appraised entity  
  The organization unit to which the appraisal results apply. An appraised entity can be the entire company, a selected business unit, units supporting a particular product line or service, etc.

**Non-USA**  
- Appraised entity whose geographic location is not within the United States. The parent of the appraised entity may or may not be based within the United States.
Report your Appraisal Results to the SEI

The briefing is only possible due to the cooperation of organizations and individuals sending in their appraisal results to the SEI.

In order to provide this information and service in the future, it will depend on this continued cooperation.

Please visit:

http://www.sei.cmu.edu/appraisal-program/profile/about.html

for forms, information, and instructions on how to report appraisals to the SEI.
Contact Information

Please visit:

http://www.sei.cmu.edu/appraisal-program/profile/about.html

and review the information provided before contacting:

SEI Customer Relations    (412) 268-5800
SEI FAX number           (412) 268-5758

Internet Address
    customer-relations@sei.cmu.edu

Mailing Address
    Customer Relations
    Software Engineering Institute
    Carnegie Mellon University
    Pittsburgh, PA  15213-3890