



Carnegie Mellon University  
Software Engineering Institute

# Process Maturity Profile

## CMMI<sup>®</sup> v1.1 SCAMPI<sup>SM</sup> v1.1 Appraisal Results First Look

September 2003

We could not produce this report without the support of the organizations and lead appraisers who reported their appraisal results to the SEI<sup>SM</sup>.

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

Software Engineering Measurement and Analysis Initiative

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# Outline

**Introduction**

**Current Status**

**Summary**

**Terms used in this Briefing**

**How to Report your Appraisal Results to the SEI**



# Introduction: Purpose

**Characterize the adoption of the CMMI**

**Provide a first look at the results from:**

**Standard CMMI Appraisal Method for Process Improvement (SCAMPI v1.1) Class A appraisal method using Capability Maturity Model Integration (CMMI) v1.1 \***

**Encourage continued reporting of results**

\* Organizations previously appraised against CMMI v1.0 and who have not reappraised against v1.1 are not included in this report

Please visit: [http://www.sei.cmu.edu/sema/profile\\_about.html](http://www.sei.cmu.edu/sema/profile_about.html) for additional information or questions you may have about this briefing before contacting the SEI directly



# Current Status

**SCAMPI v1.1 appraisals conducted since April 2002 release through June 2003 and reported to the SEI by July 2003**

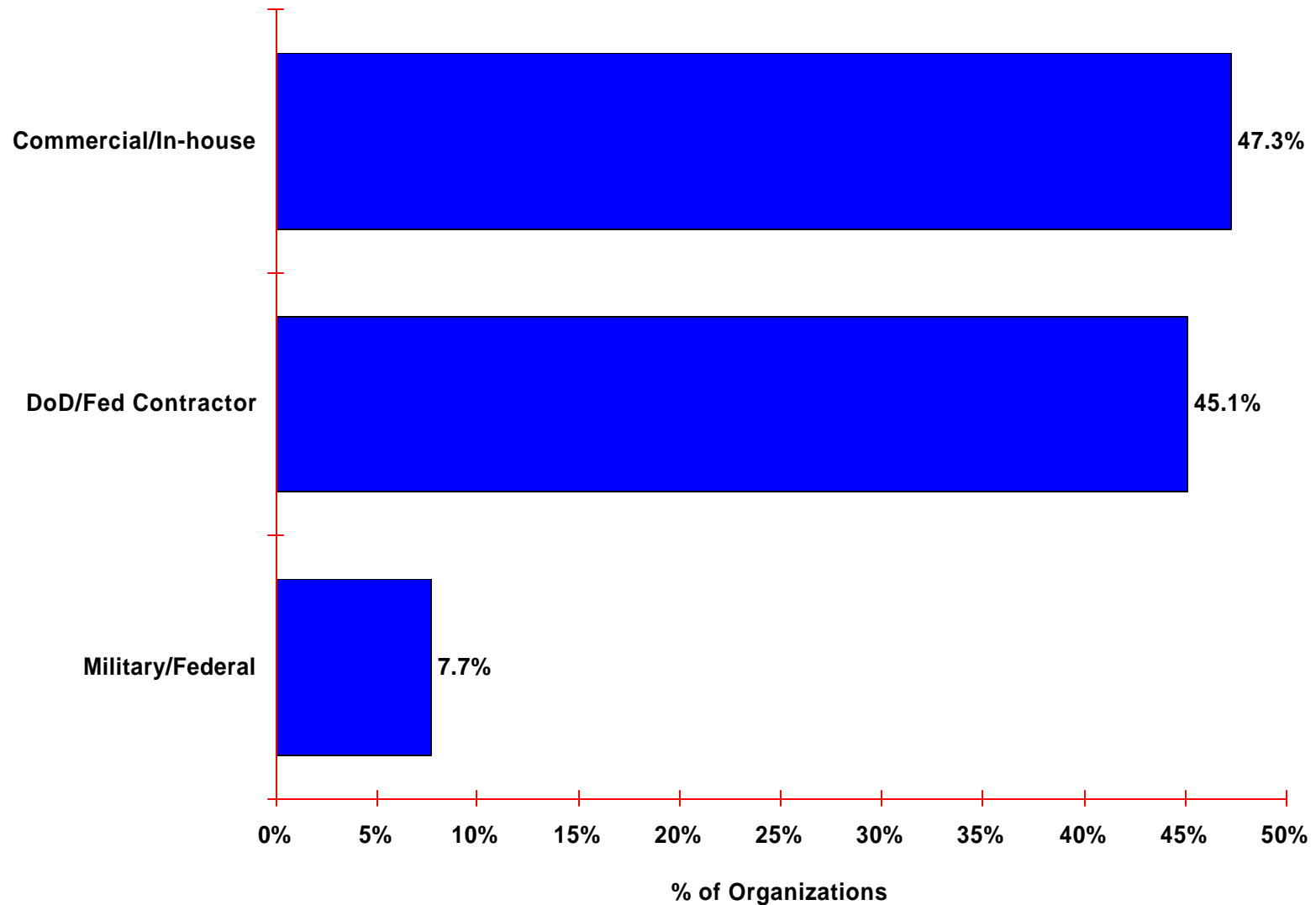
- **100 appraisals**
- **93 organizations**
- **52 participating companies**
- **6 reappraised organizations**
- **357 projects**
- **54% offshore organizations**

**Please refer to: Terms Used in this Report on page 20**

Additional charts providing different views and break down of this information will be added to this briefing as more of these types of appraisals are reported to the SEI over time.



# Reporting Organizational Types

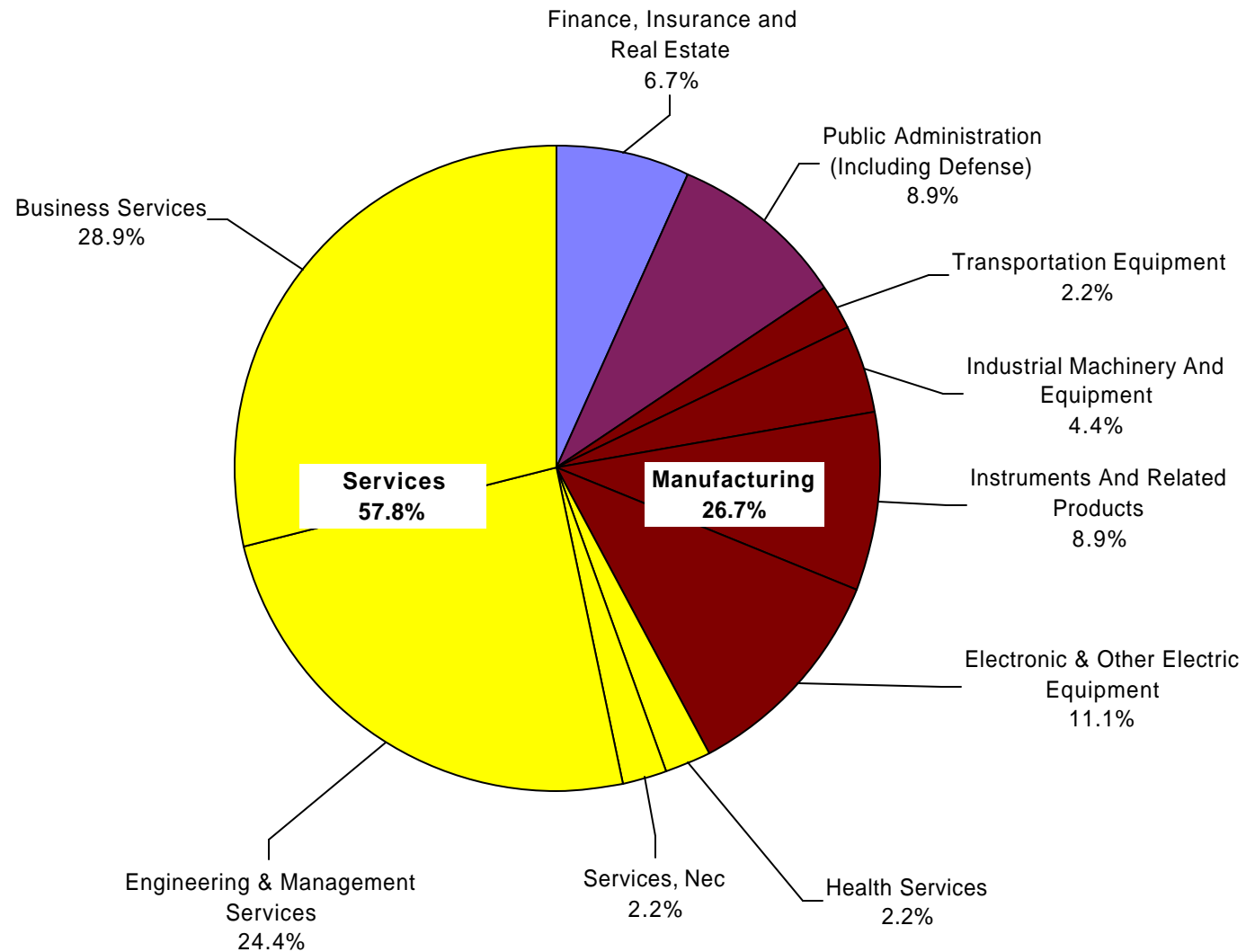


Based on **91** organizations



# Types of Organizations

Based on Primary Standard Industrial Classification (SIC) Code

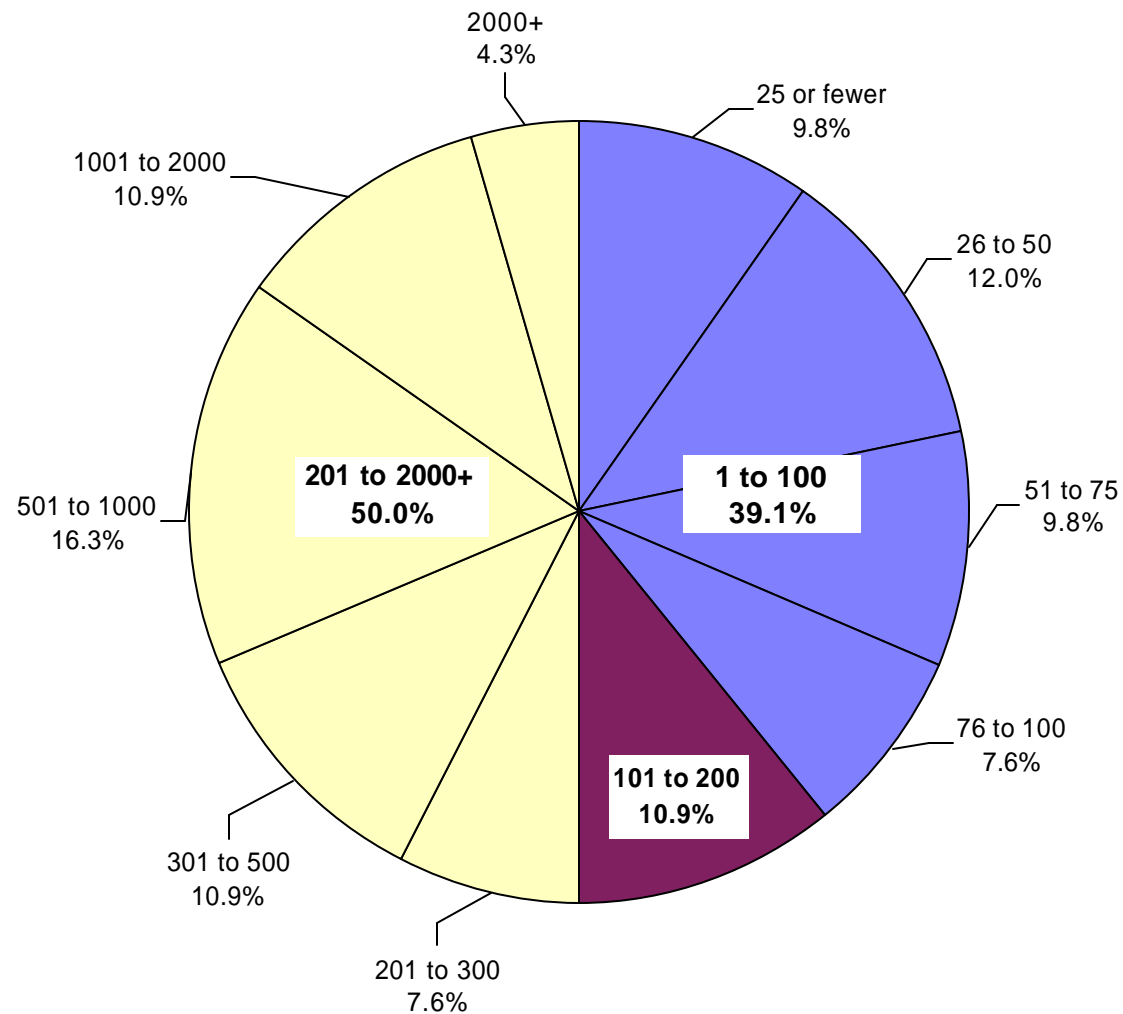


Based on 45 organizations reporting SIC code. For more information visit: <http://www.osha.gov/oshstats/sicser.html>



# Organization Size

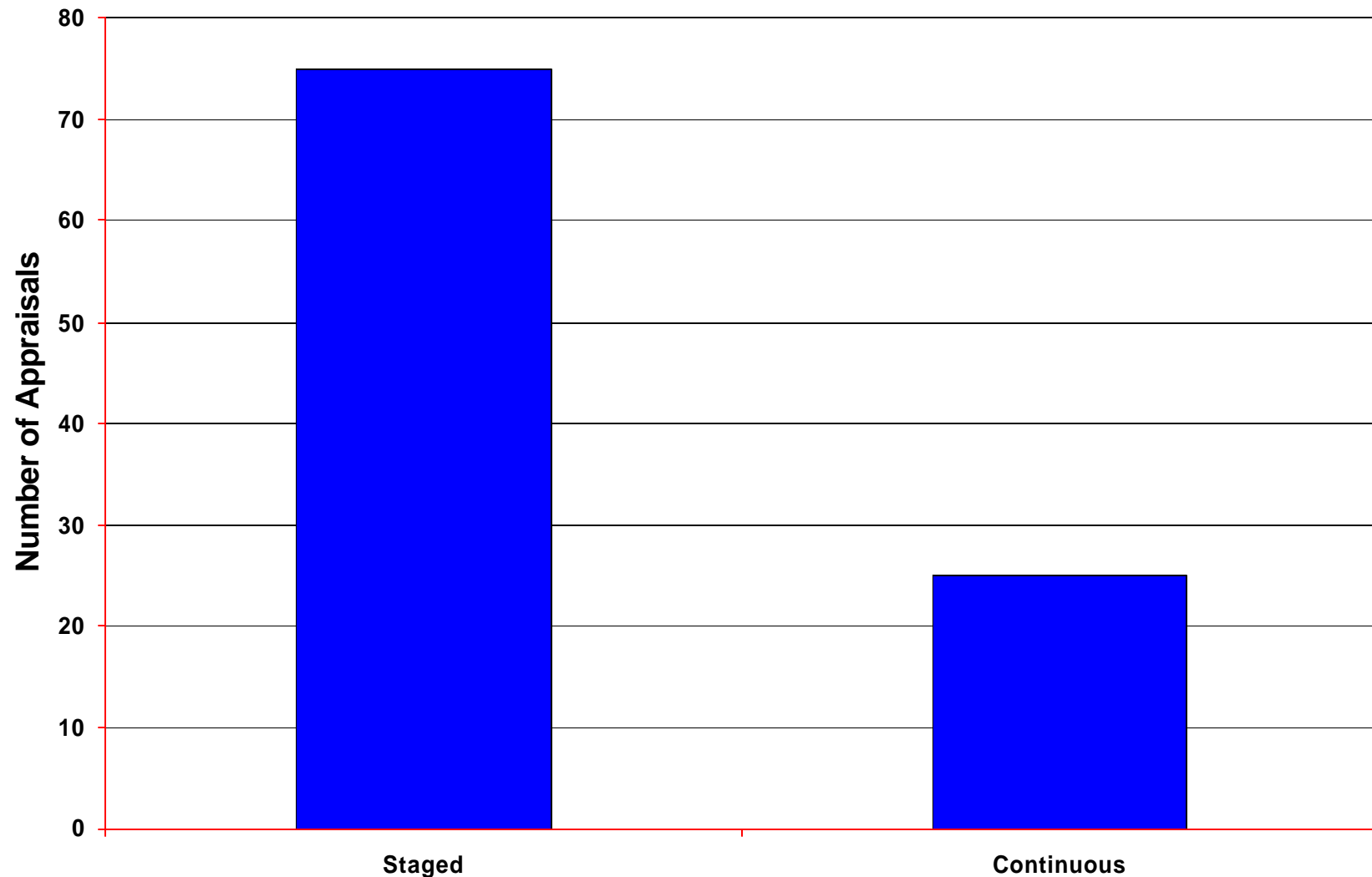
Based on the total number of employees within the area of the organization that was appraised



Based on **92** organizations reporting size data



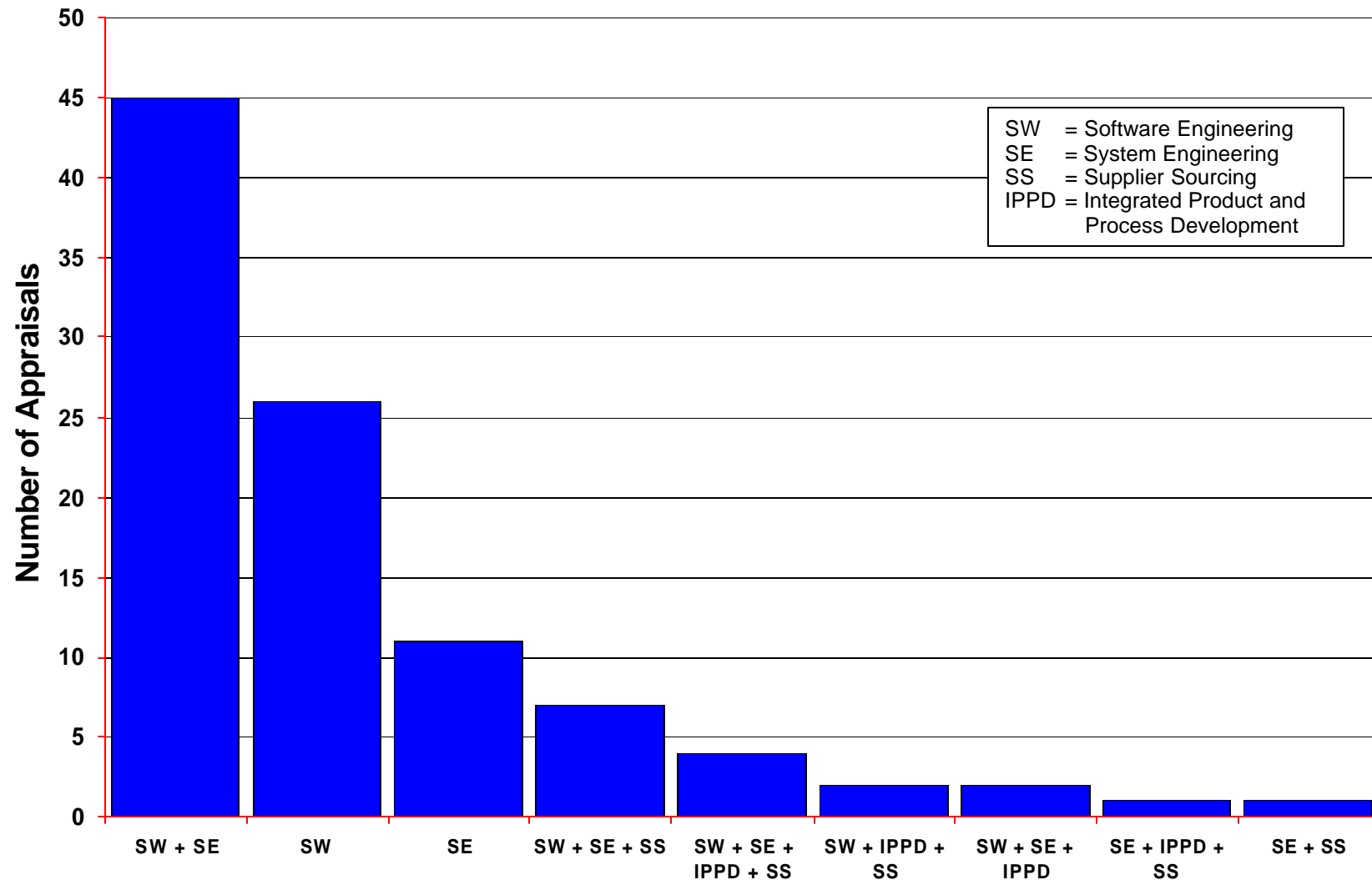
# Use of Model Representations in Appraisals



Based on **100** appraisals



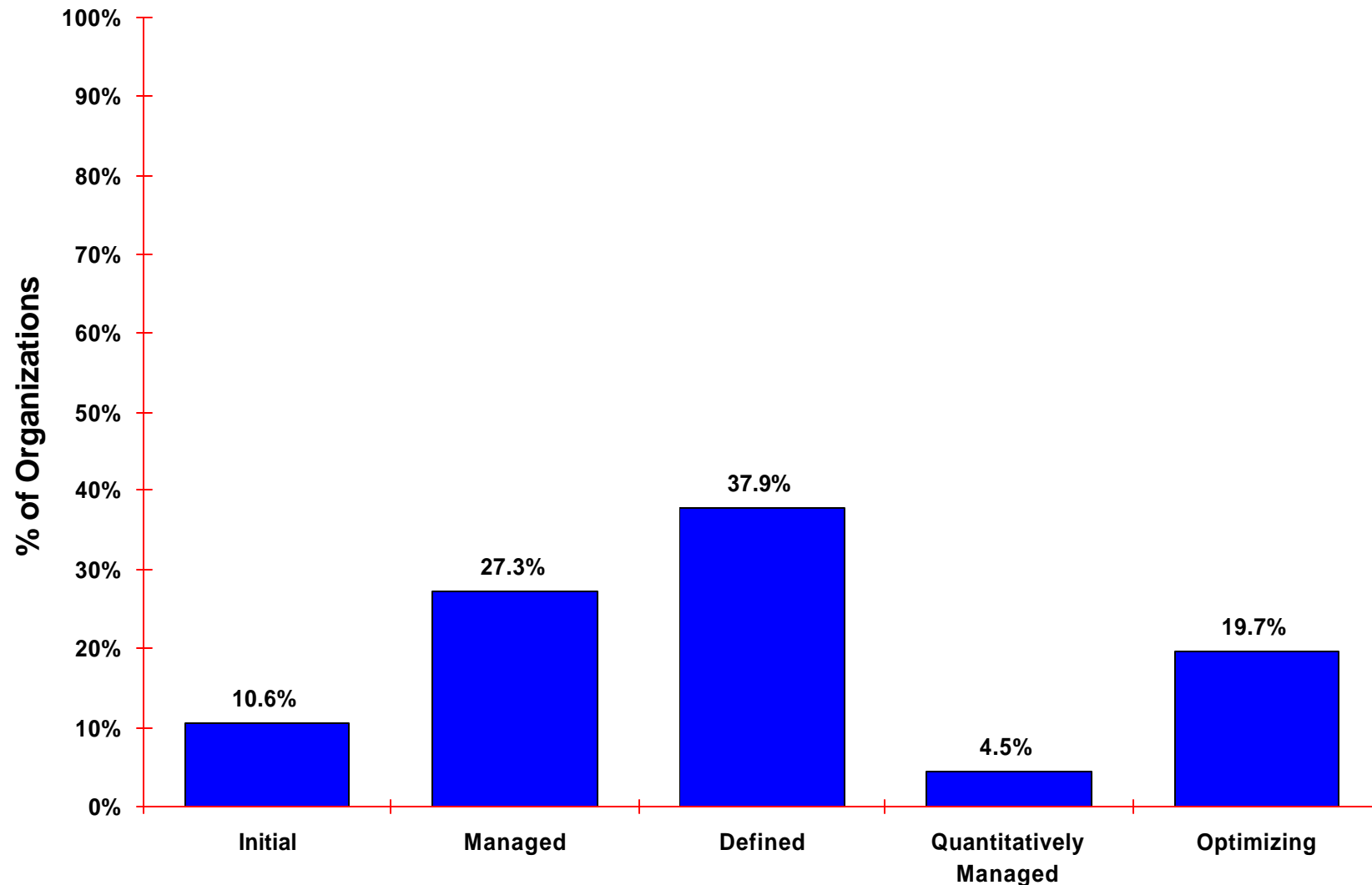
# Disciplines Selected for Appraisals



Based on **99** appraisals reporting coverage



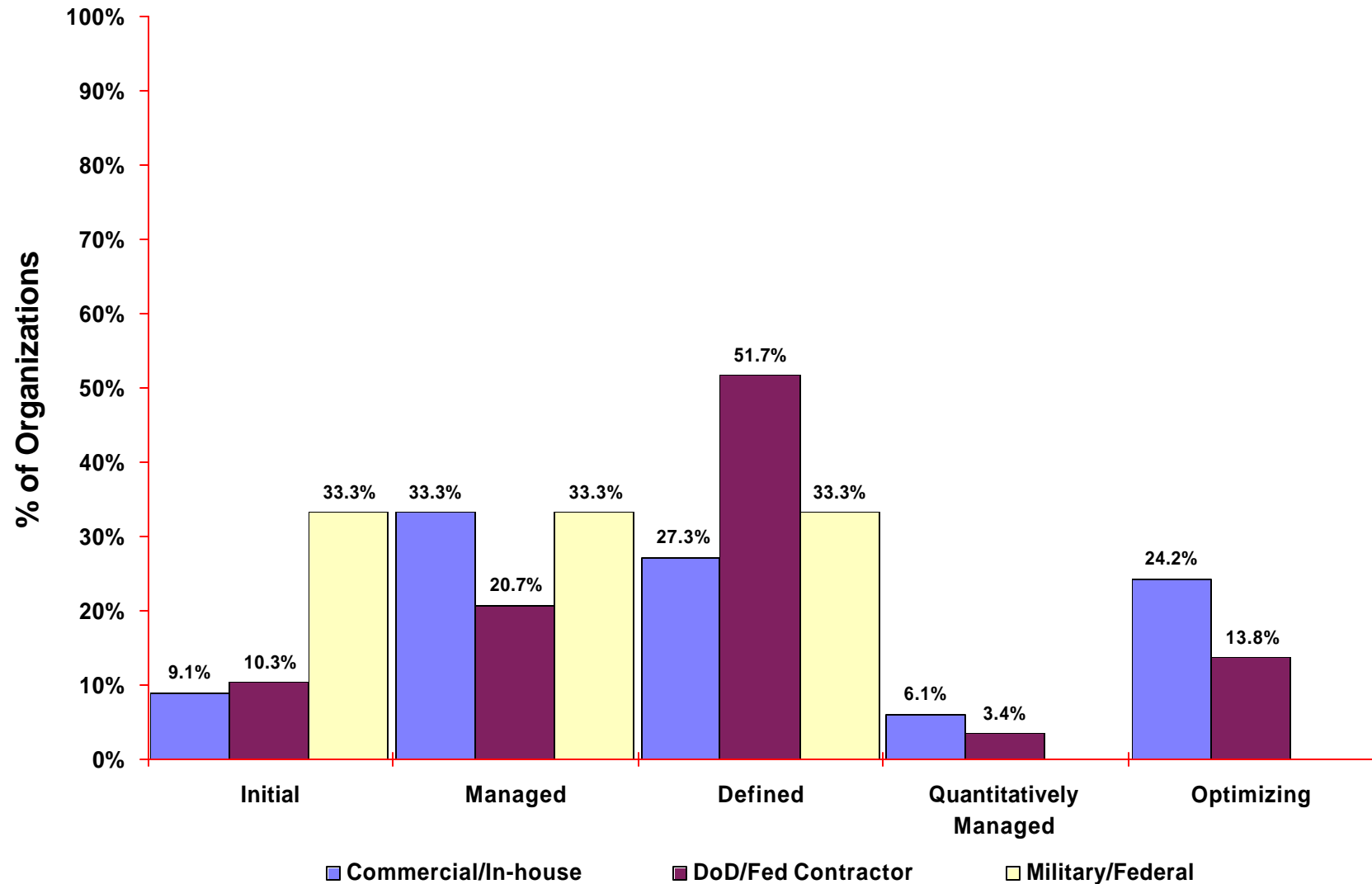
# Summary Organizational Maturity Profile



Based on most recent appraisal of **66** organizations reporting a maturity level rating



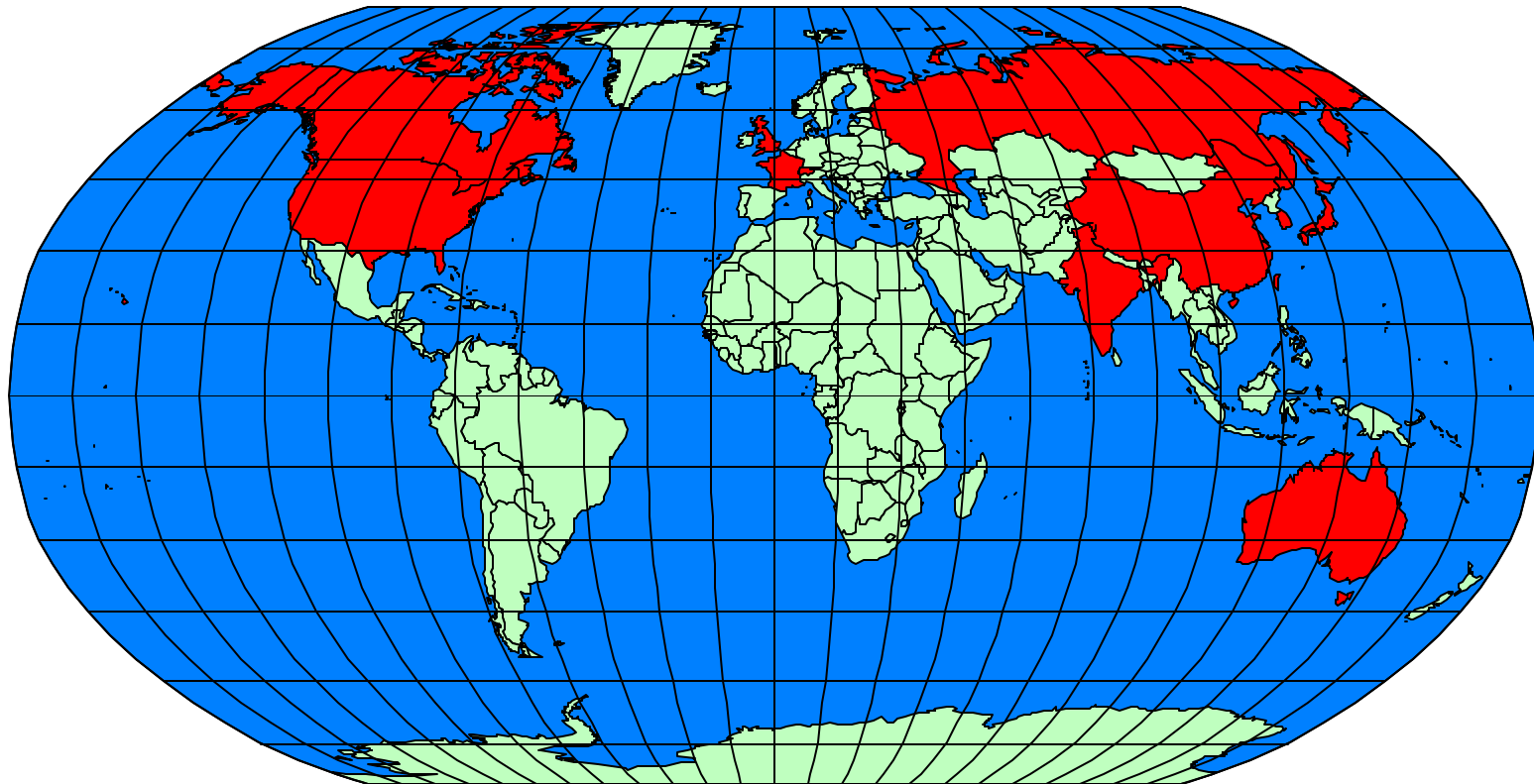
# Maturity Profile by Organizational Type



Based on most recent appraisal of **65** organizations reporting organization type and a maturity level rating



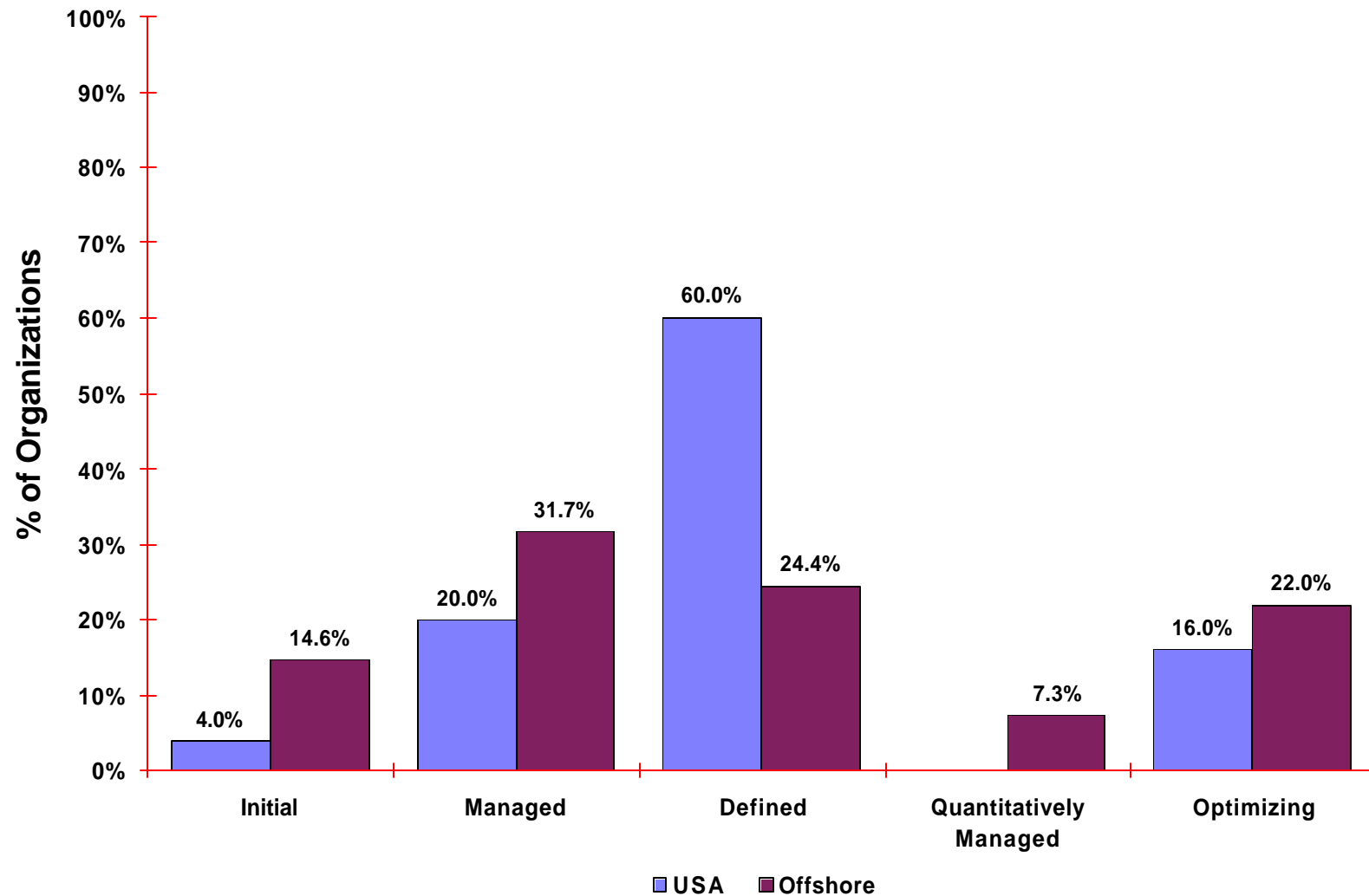
# Countries where Appraisals have been Performed and Reported to the SEI



Australia      Canada      China      France      India      Japan  
Korea, Republic of      Russia      Switzerland      Taiwan      United Kingdom      United States



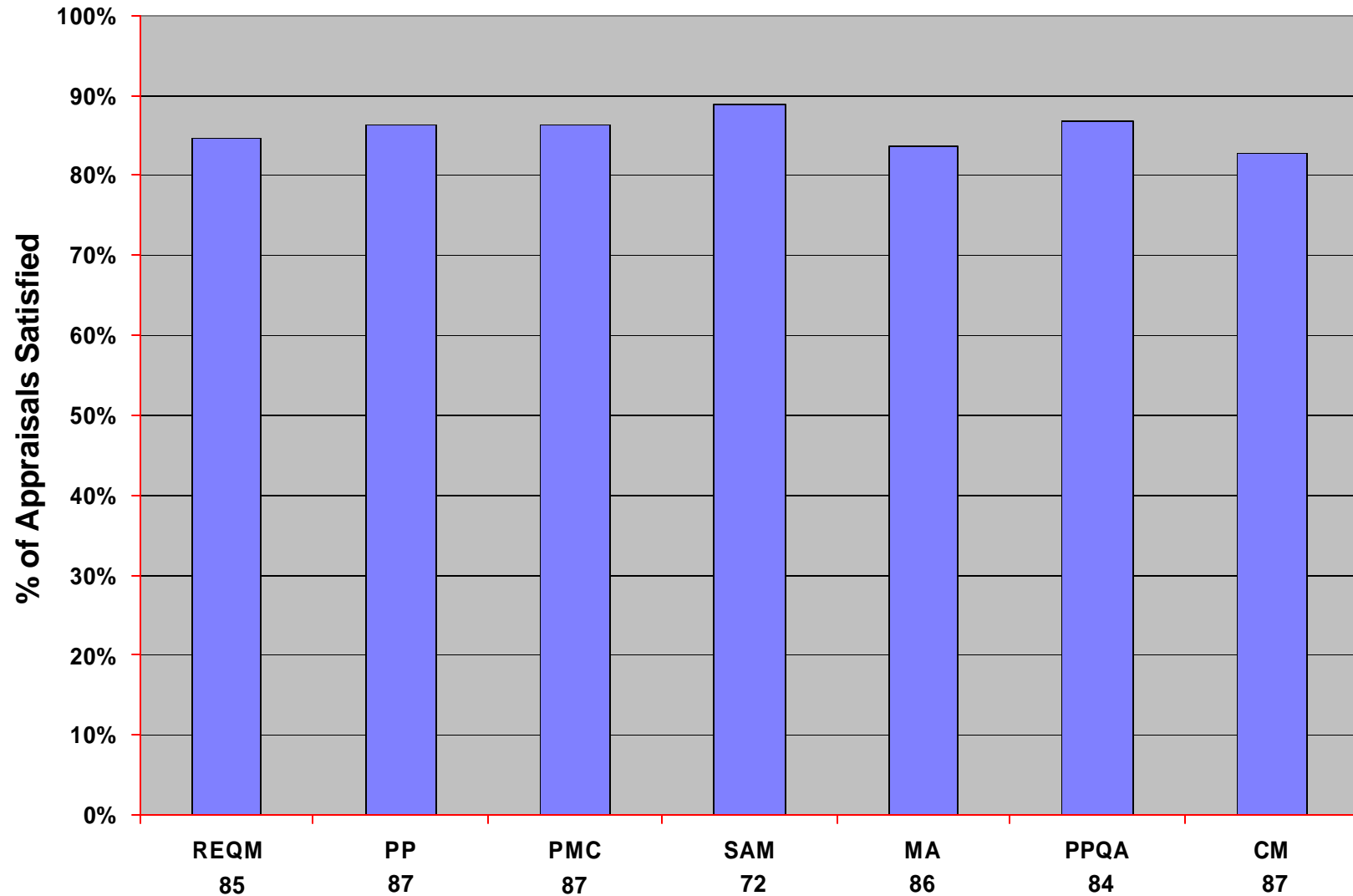
# USA and Offshore Summary Organizational Maturity Profiles



Based on 25 U.S. organizations and 41 offshore organizations reporting their maturity level rating



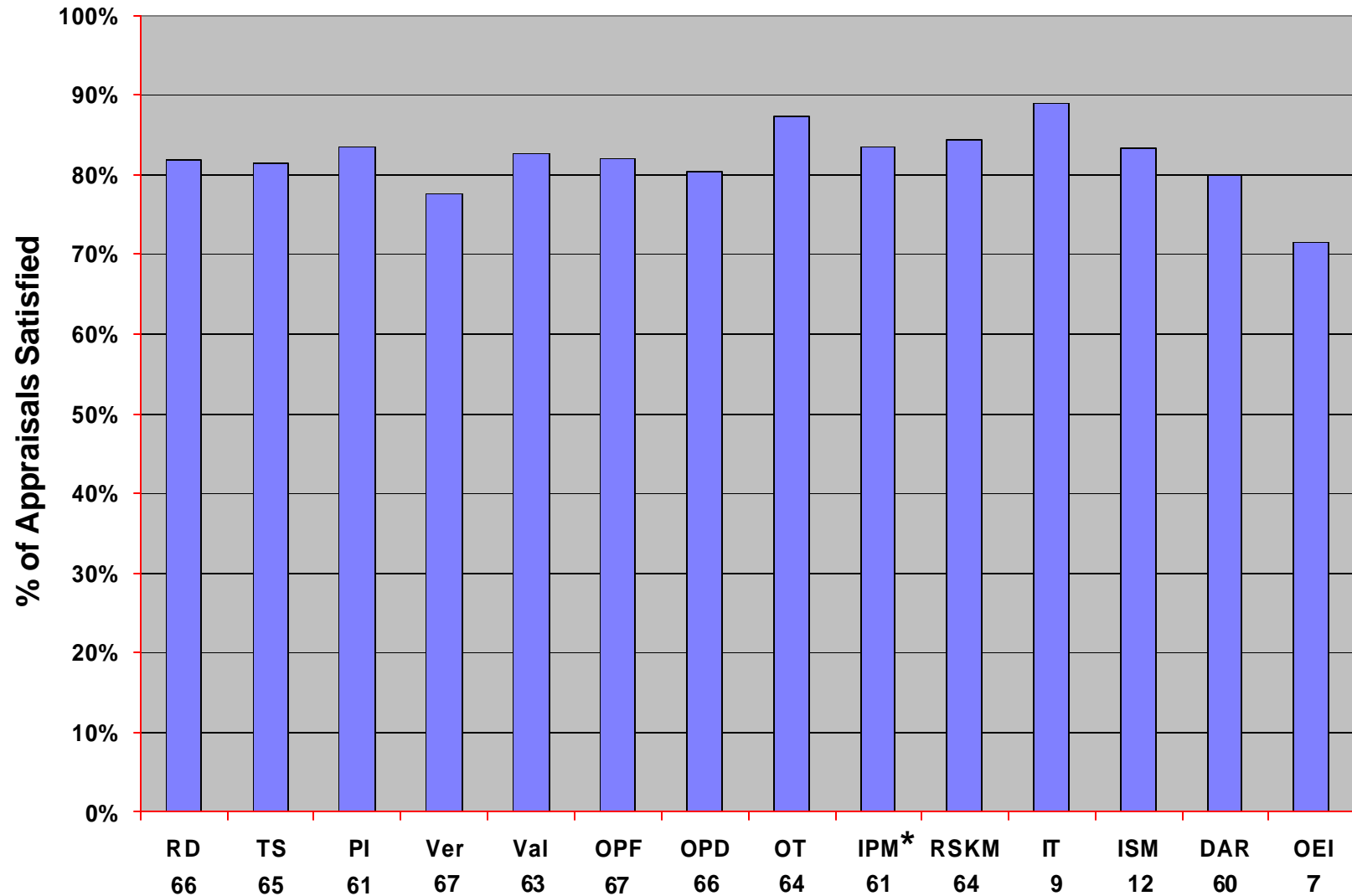
# Process Area Satisfaction – Maturity Level 2



Based on the number of appraisals listed above that rated the process area



# Process Area Satisfaction – Maturity Level 3

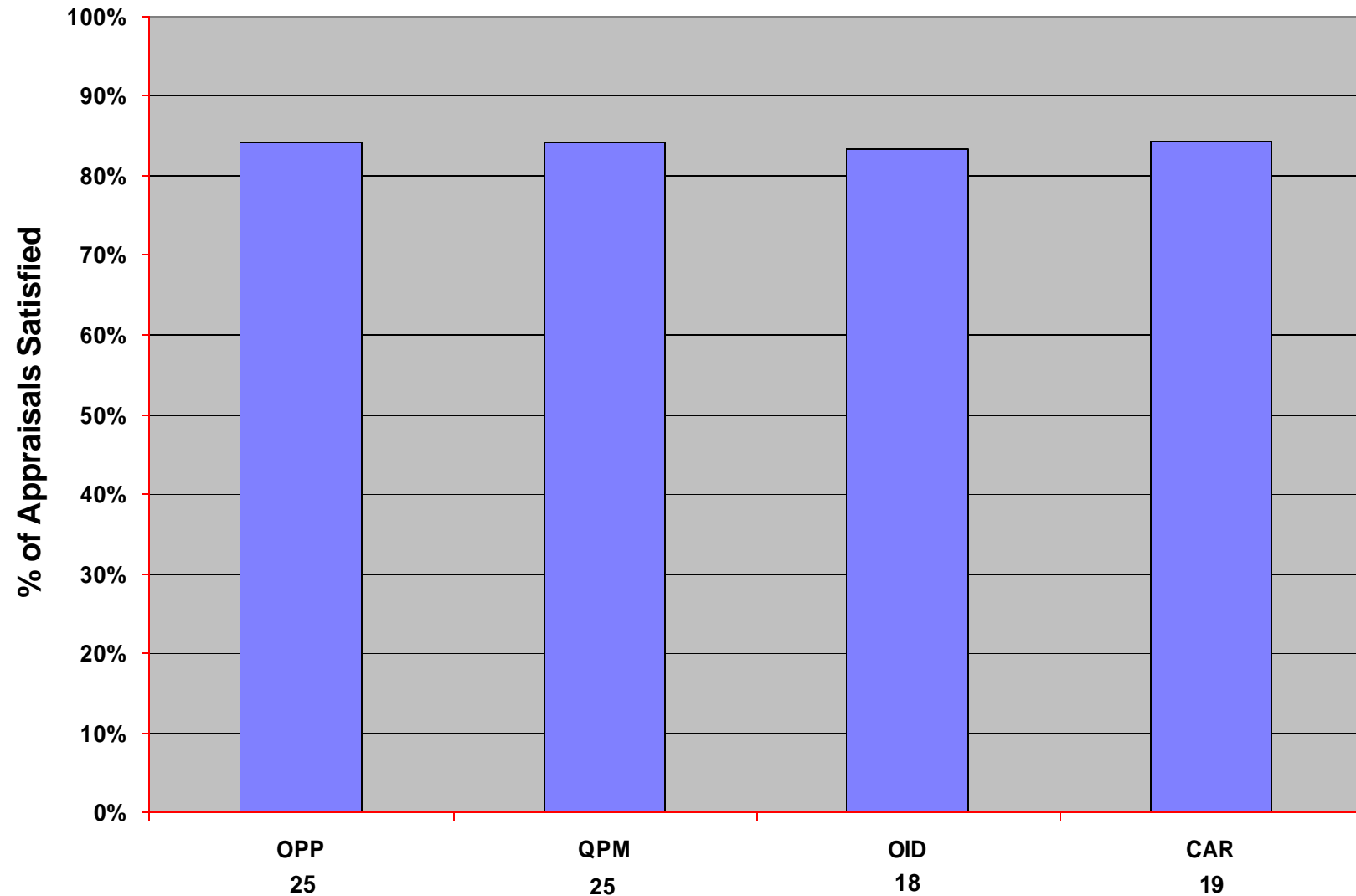


Based on the number of appraisals listed above that rated the process area

7 of the 61 appraisals rating IPM also examined the IPPD goals.  
6 of these 7 appraisals satisfied IPM with the IPPD goals.



# Process Area Satisfaction – Maturity Levels 4&5

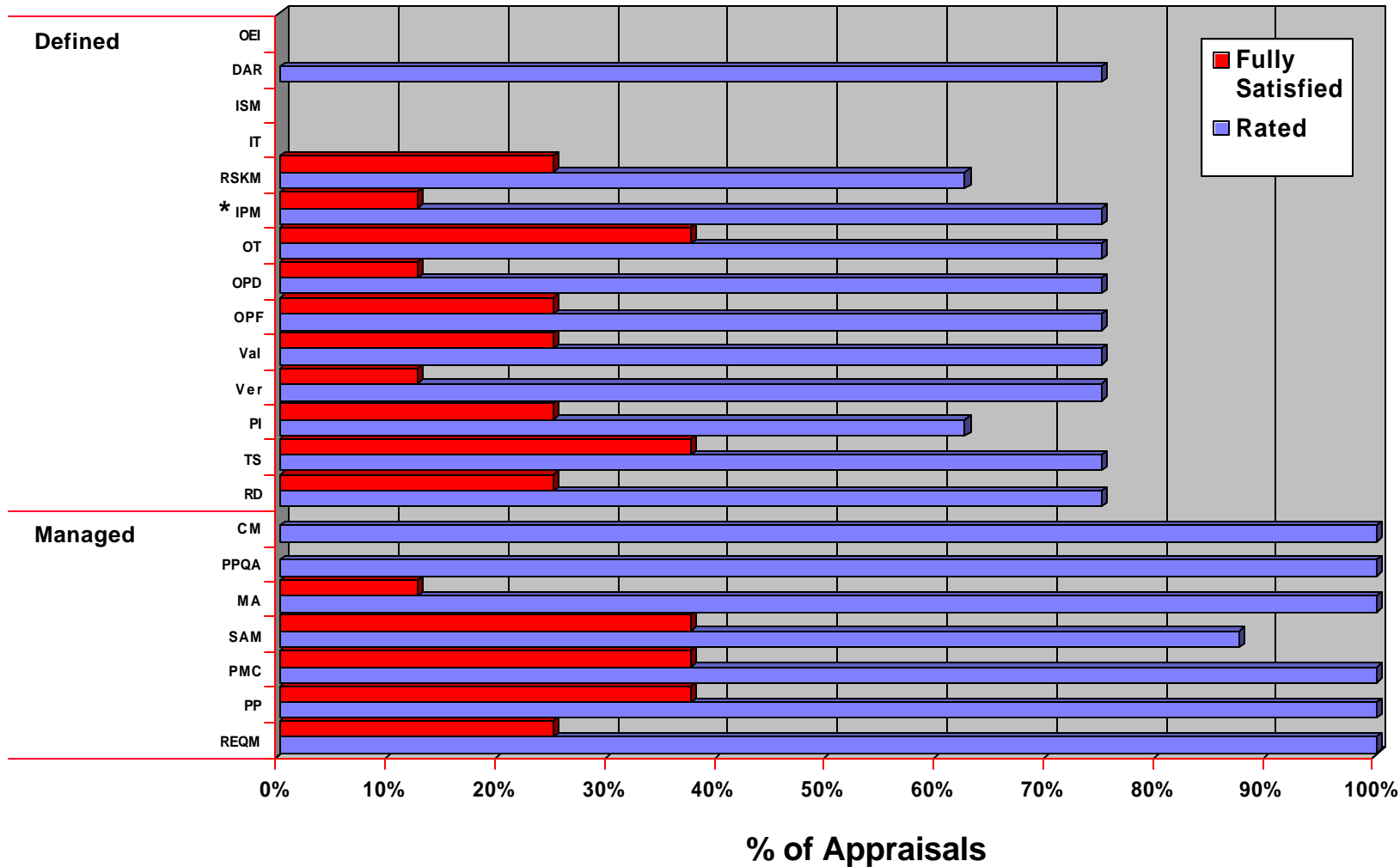


Based on the number of appraisals listed above that rated the process area



# Process Area Profiles - 1

## Organizations Appraised at Maturity Level 1



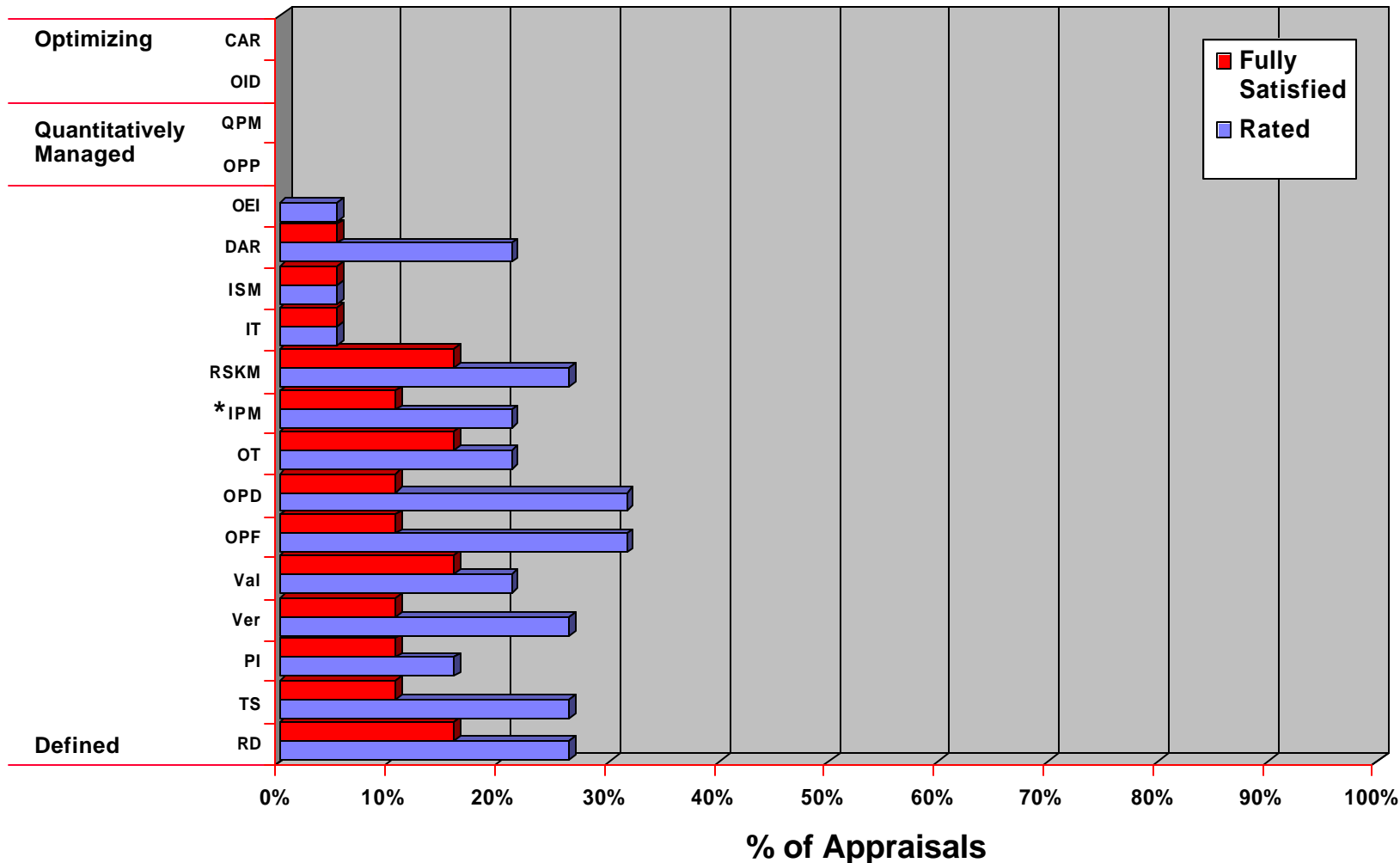
Based on 8 appraisals reporting a maturity level rating

\* None of the 8 appraisals selected the IPPD discipline



# Process Area Profiles - 2

## Organizations Appraised at Maturity Level 2



Based on 19 appraisals reporting a maturity level rating

\* 1 of the 19 appraisals rating IPM also examined the IPPD goals. That appraisal satisfied IPM.



## Summary

**100 appraisals have been reported to the SEI in the 13 months since the April 2002 release of the SCAMPI Class A Version 1.1 appraisal method for CMMI Version 1.1**

**Relatively even reporting from the Commercial and DoD Contractor communities**

**Of U.S. organizations, the services and manufacturing industries reported most appraisals**

**Compared to the early reports of the SW-CMM maturity profile, the early data reflects a relatively more mature CMMI profile**

**Additional information and charts will be added to this briefing as more appraisals are reported and therefore more data is available to support these 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.
- Offshore** - 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/sema/report.html>**

**for forms, information, and instructions on how to report appraisals to the SEI**



## Contact Information

**Please visit:**

**[http://www.sei.cmu.edu/sema/profile\\_about.html](http://www.sei.cmu.edu/sema/profile_about.html)**

**and review the information provided before contacting:**

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