



Carnegie Mellon  
Software Engineering Institute

# Process Maturity Profile

## CMMI<sup>®</sup> SCAMPI<sup>SM</sup> Class A Appraisal Results 2007 Mid-Year Update

September 2007

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.

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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# 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, team leaders and certified high maturity lead appraisers 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<sup>SM</sup>) v1.1/v1.2 Class A appraisals using Capability Maturity Model® Integration (CMMI) v1.1 /v1.2 \***

**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/index.html> for additional information or questions you may have about this briefing before contacting the SEI directly



# Current Status

**SCAMPI v1.1/v1.2 Class A appraisals conducted from the SCAMPI V 1.1 April 2002 release through June 2007 and reported to the SEI by July 2007**

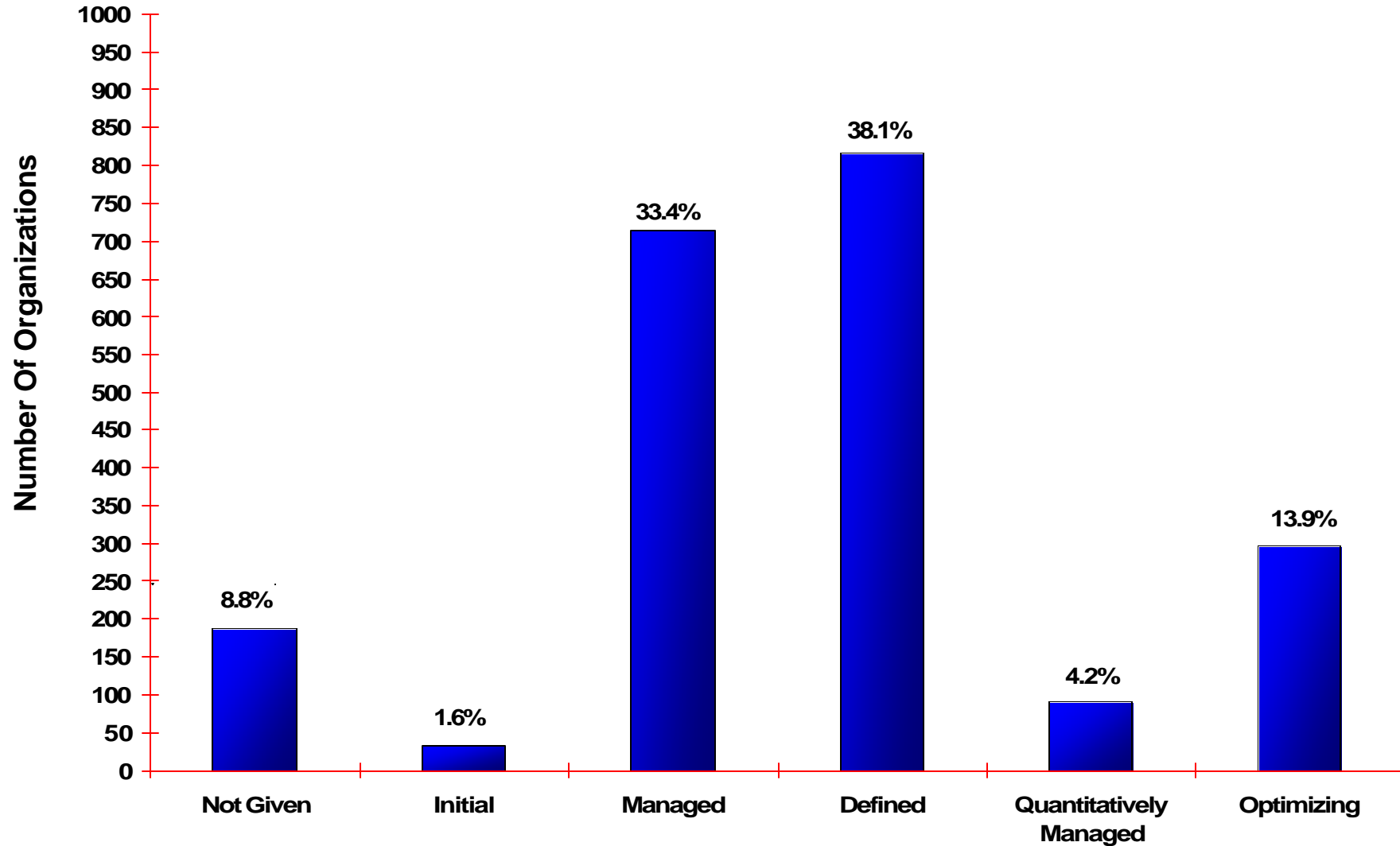
- **2,464** appraisals
- **2,140** organizations
- **1,417** participating companies
- **273** reappraised organizations
- **10,338** projects
- **67.1%** Non-USA organizations

**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 appraisal data is reported to the SEI over time.



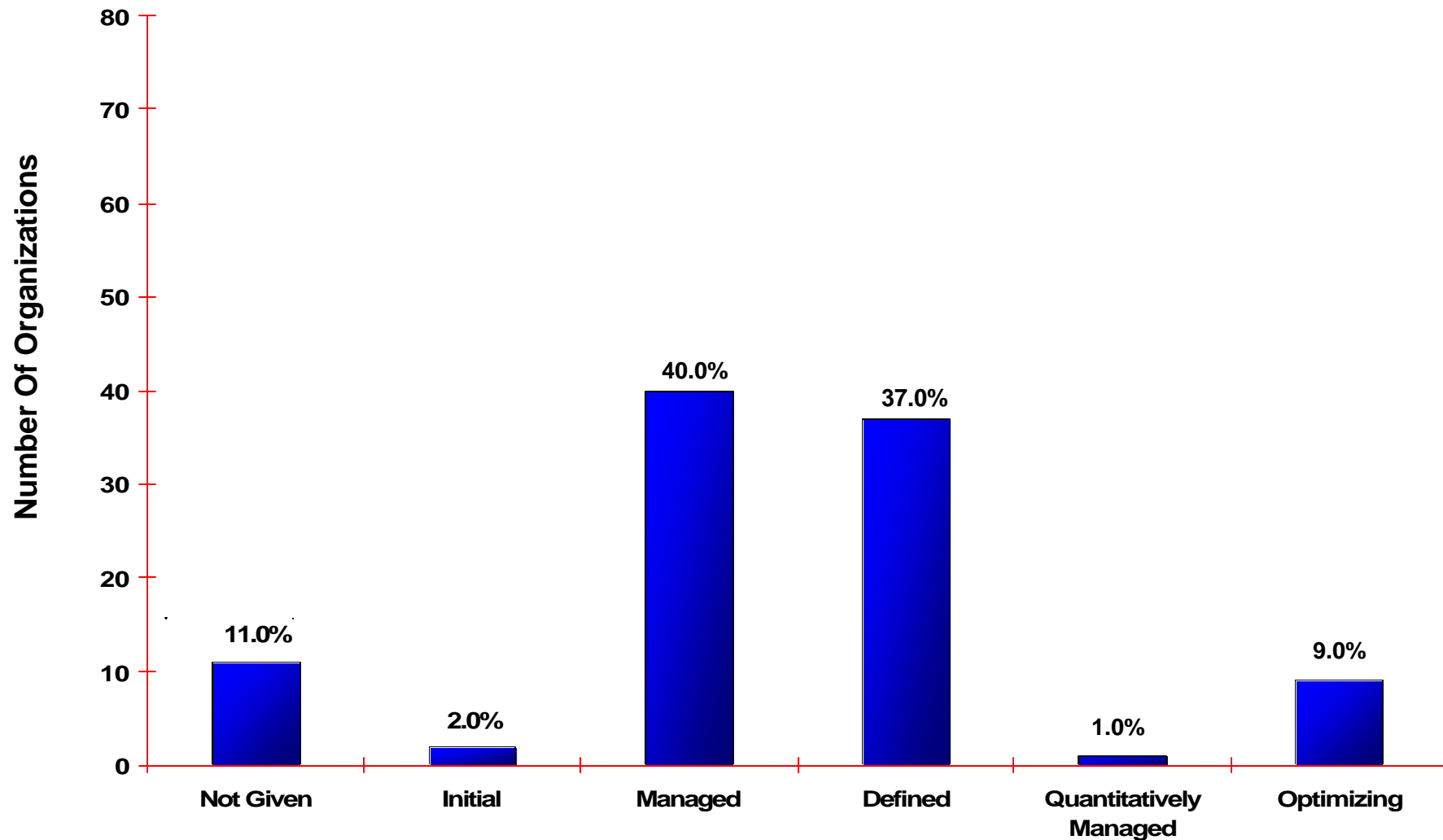
# Process Maturity Profile by All Reporting Organizations



Based on most recent appraisal of **2140** organizations



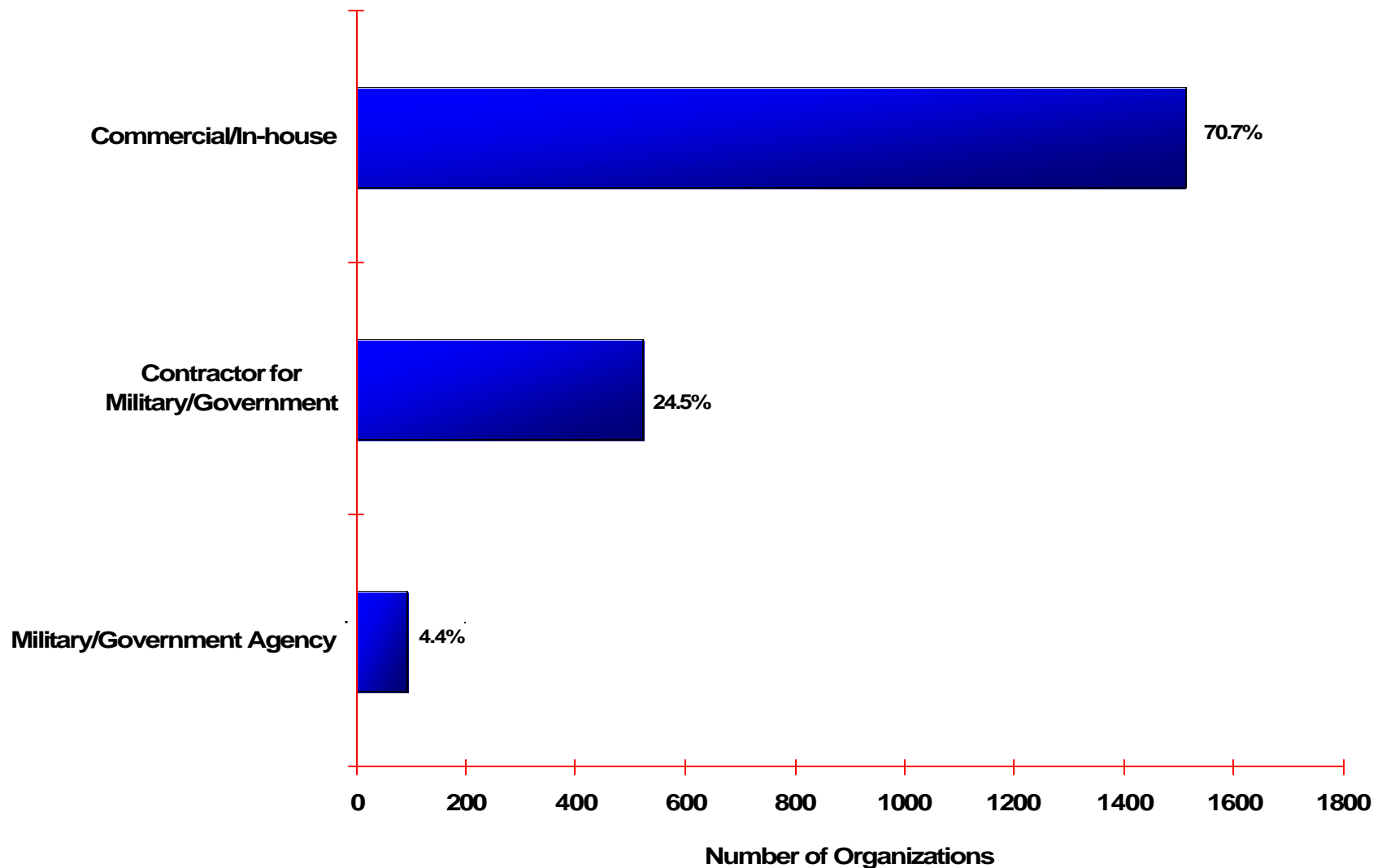
# Process Maturity Profile (V1.2) by All Reporting Organizations



Based on most recent appraisal of **100** organizations



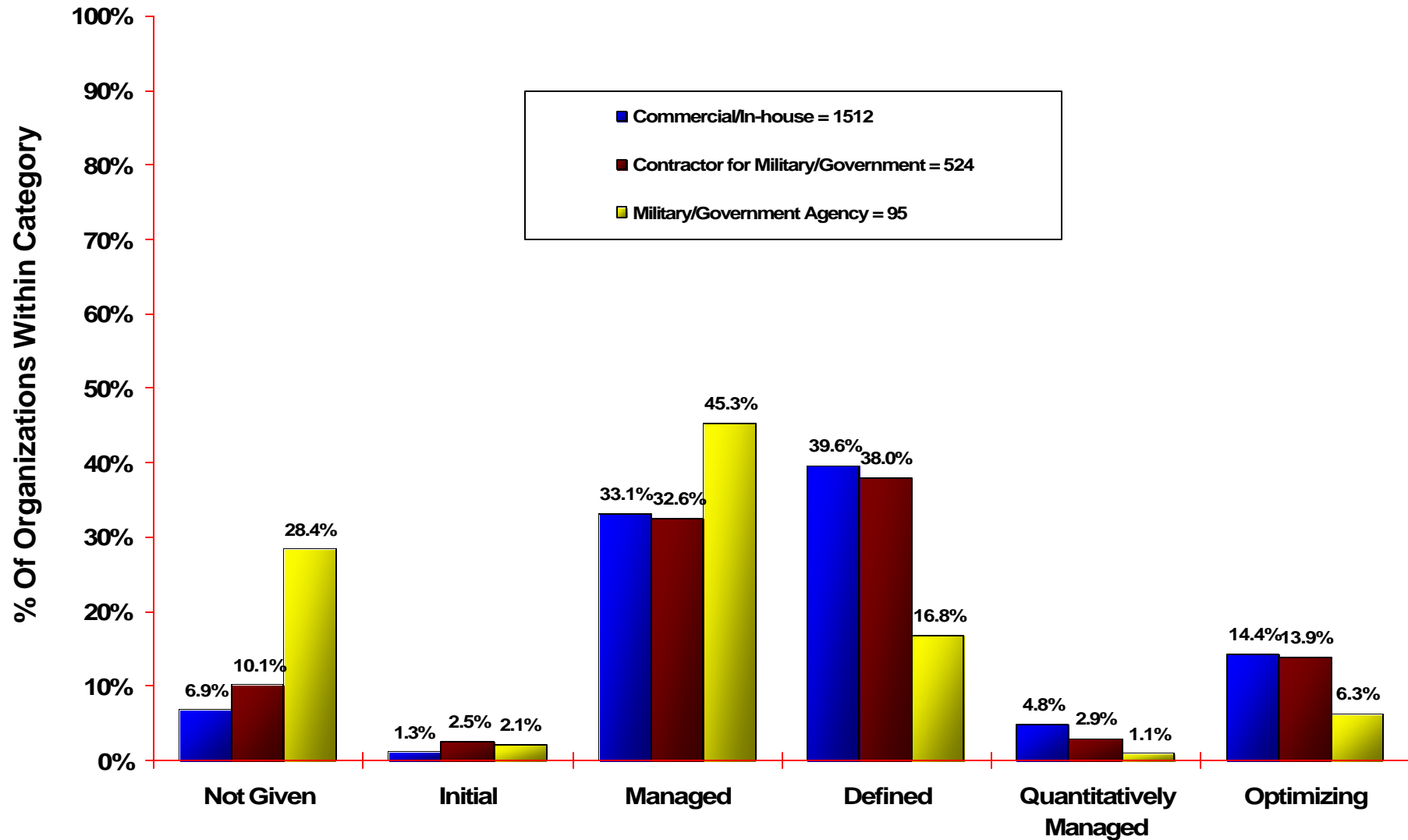
# Reporting Organization Categories



Based on **2131** organizations reporting an organization category



# Process Maturity Profile by Reporting Organization Categories



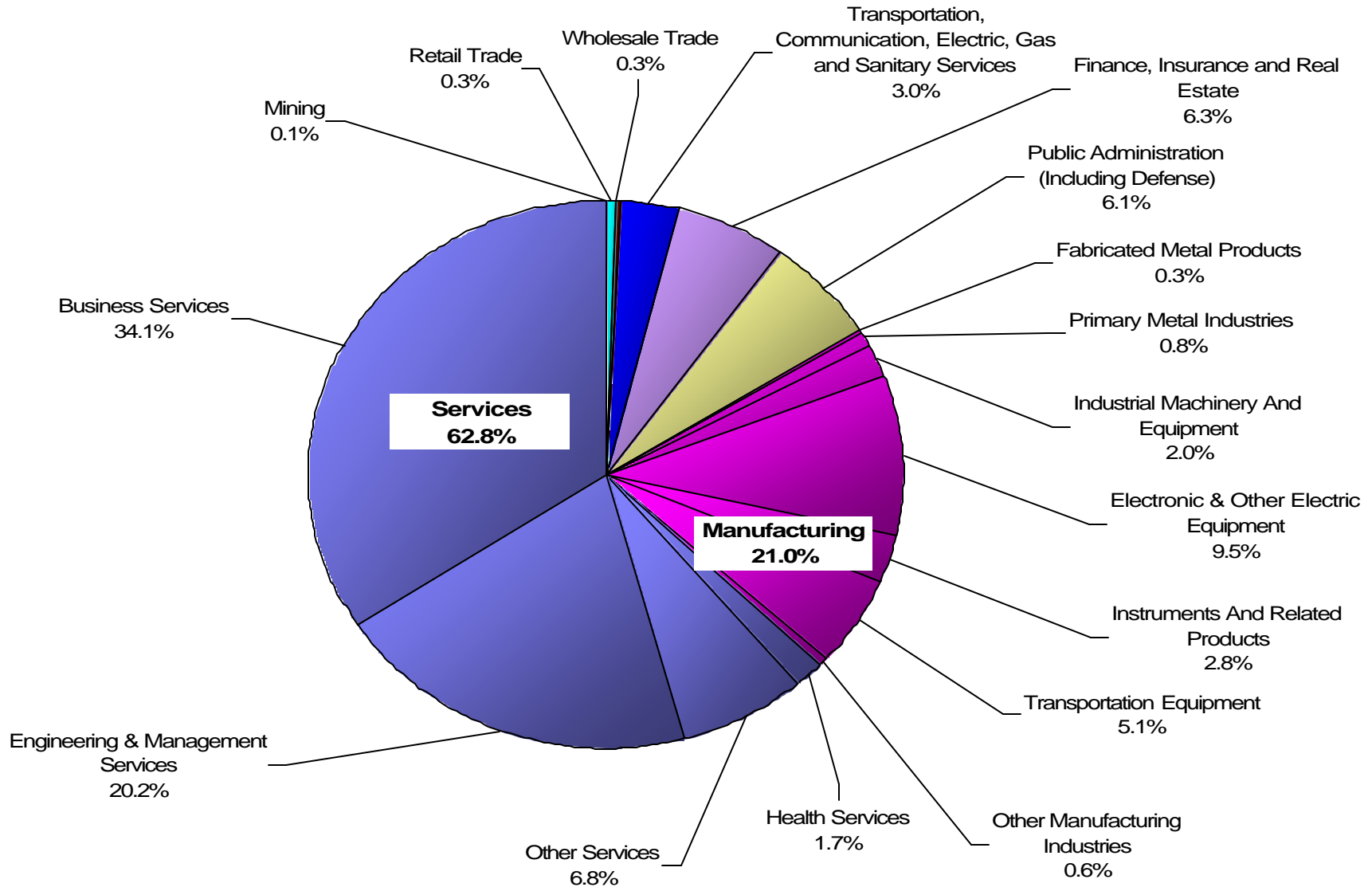
Based on most recent appraisal of **2131** organizations reporting an organization category





# Organization Type

Based on Primary Standard Industrial Classification (SIC) Code

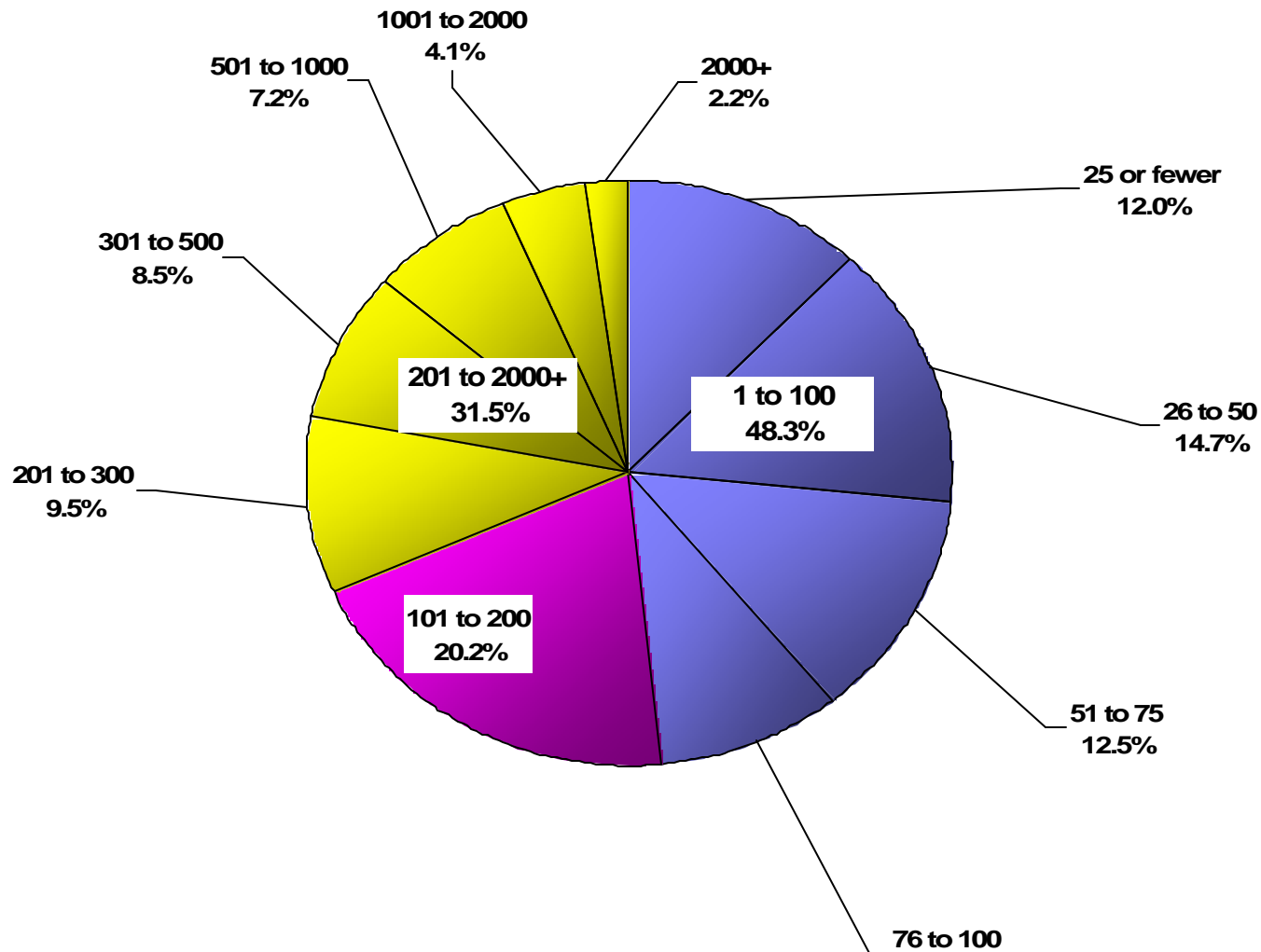


Based on 1190 organizations reporting SIC code. For more information visit: <http://www.osha.gov/oshstats/sicser.html>



# Organization Size

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

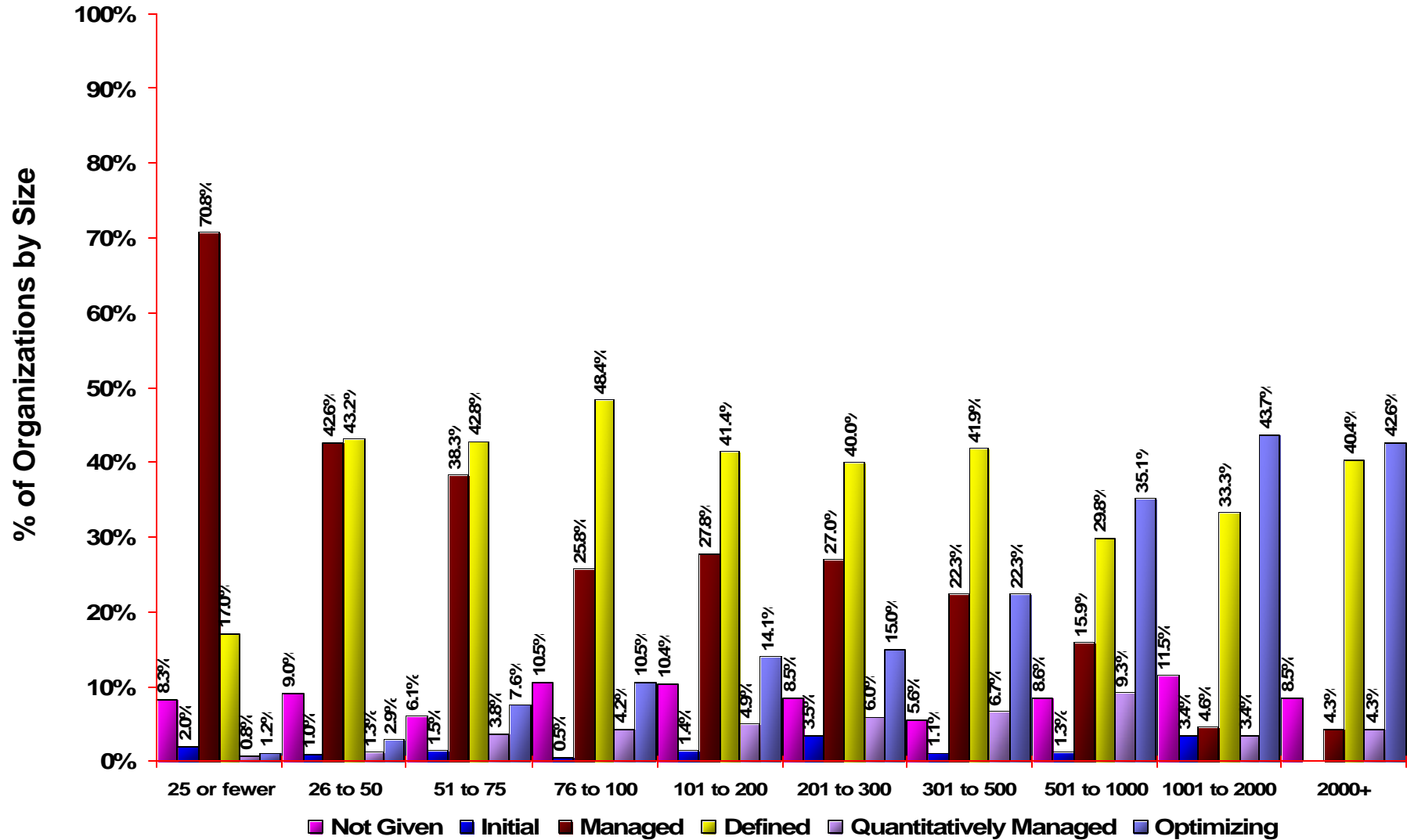


Based on **2106** organizations reporting size data



# Maturity Profile by Organization Size

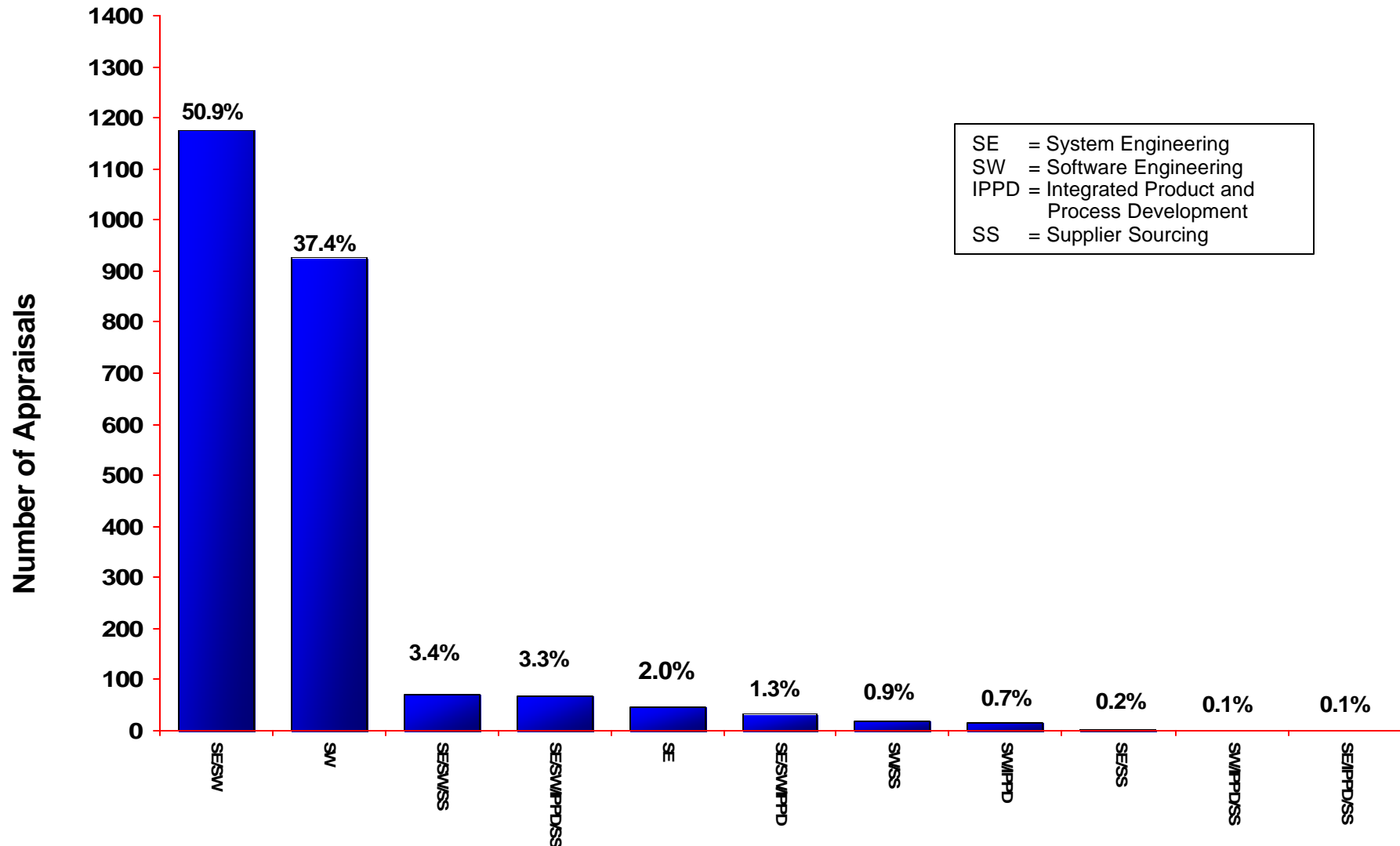
Based on the total number of employees within the area of the organization that was appraised



Based on 2106 organizations reporting size data



# Disciplines Selected for Appraisals (V1.1)

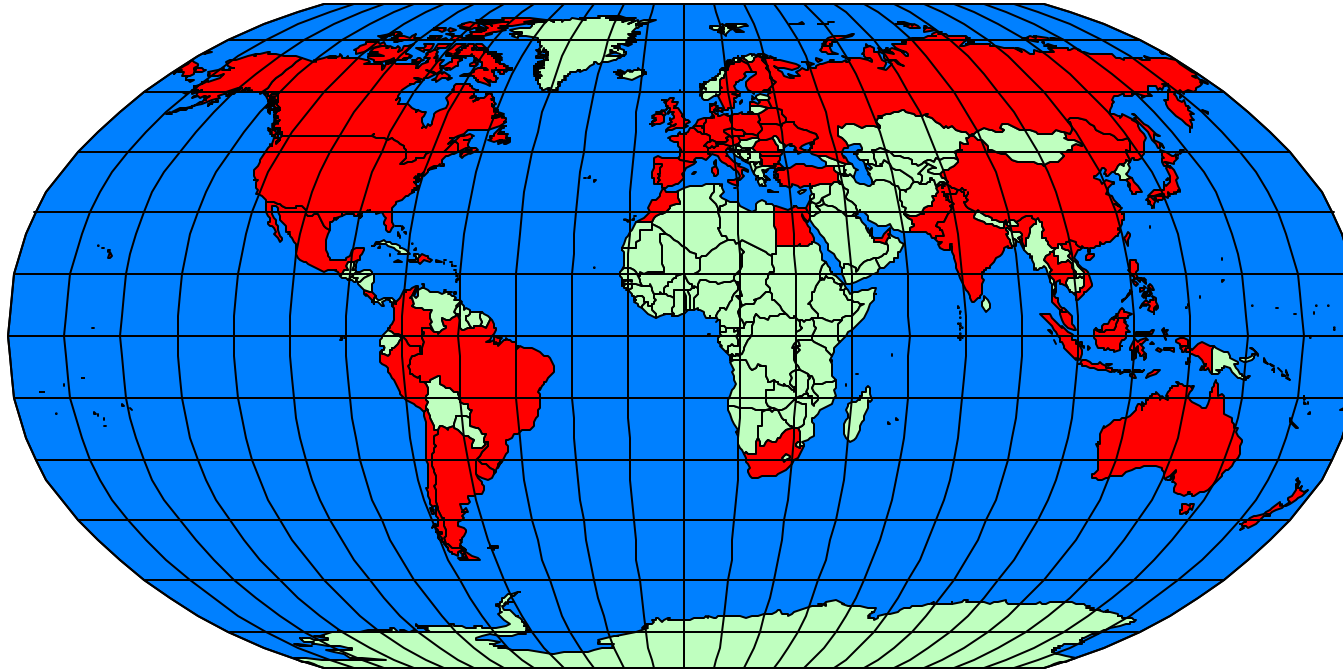


Based on **2,364** appraisals reporting discipline data

For more information about Allowable Models & Combinations, visit: <http://www.sei.cmu.edu/cmml/background/aspec.html>



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

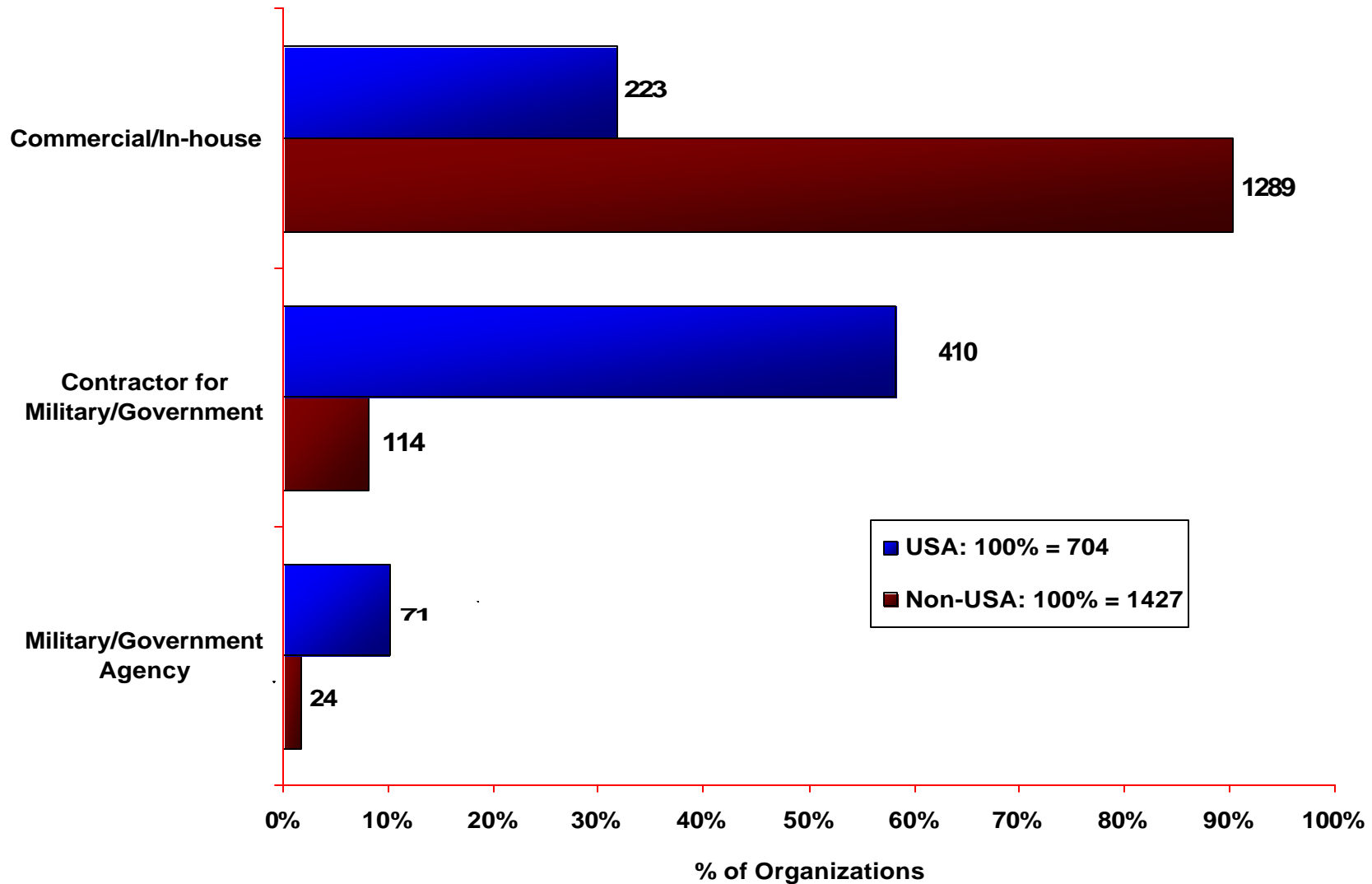


Argentina	Australia	Austria	Bahrain	Belarus	Belgium	Brazil	<b>Bulgaria</b>
Canada	Chile	China	Colombia	<b>Costa Rica</b>	Czech Republic	Denmark	Dominican Republic
Egypt	Finland	France	Germany	Hong Kong	India	Indonesia	Ireland
Israel	Italy	Japan	Korea, Republic Of	Latvia	Malaysia	Mauritius	Mexico
Morocco	Netherlands	New Zealand	Pakistan	Peru	Philippines	<b>Poland</b>	Portugal
<b>Romania</b>	Russia	Singapore	Slovakia	South Africa	Spain	Sweden	Switzerland
Taiwan	Thailand	Turkey	United Kingdom	<b>Ukraine</b>	<b>United Arab Emirates</b>	United States	<b>Uruguay</b>
Viet Nam							

Red country name: New additions with this reporting



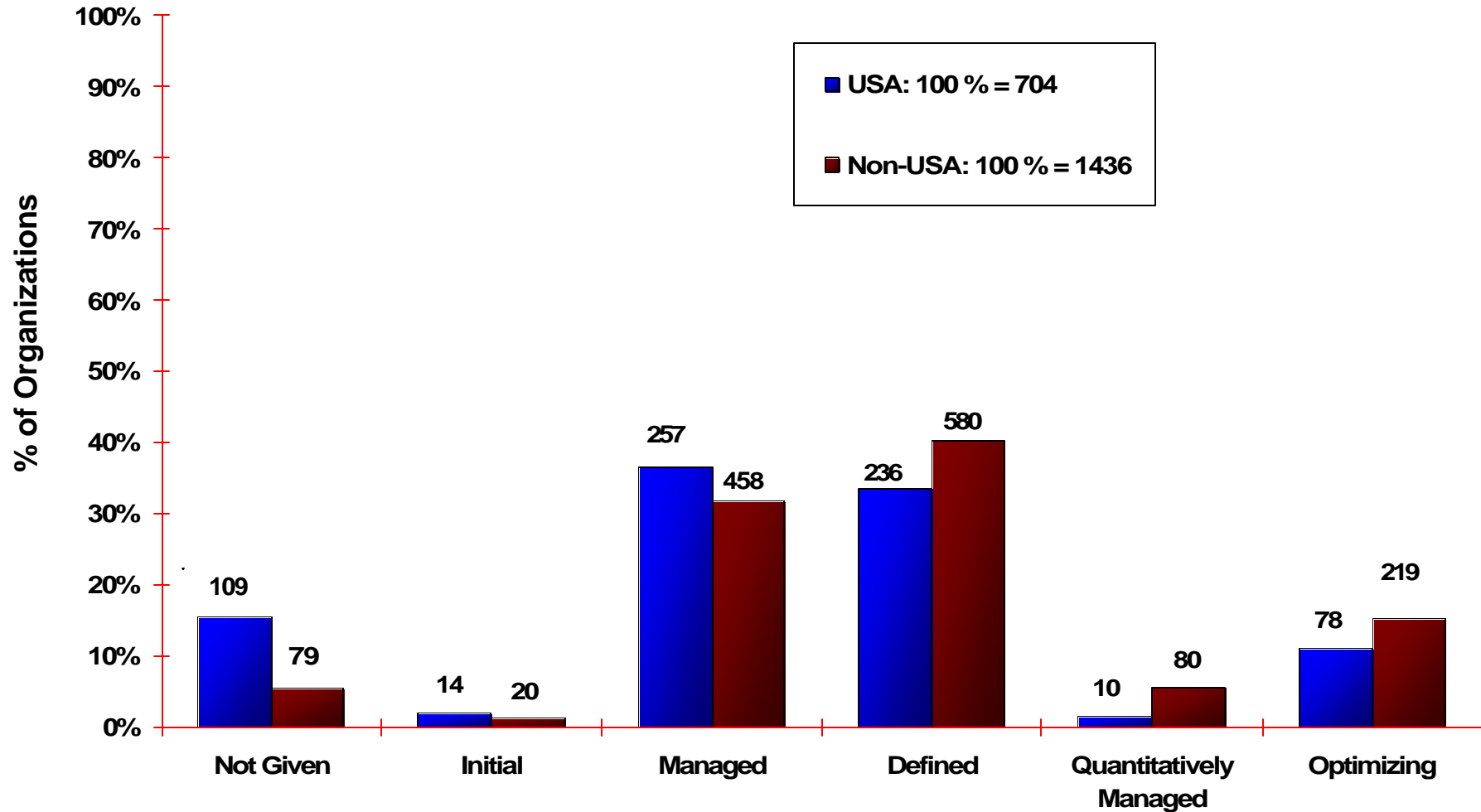
# USA and Non-USA Reporting Organization Categories



Based on **704** USA organizations and **1427** Non-USA organizations reporting an organization category



# Maturity Profile by All Reporting USA and Non-USA Organizations



Based on **704** USA organizations and **1436** Non-USA organizations



# Number of Appraisals and Maturity Levels Reported to the SEI by Country

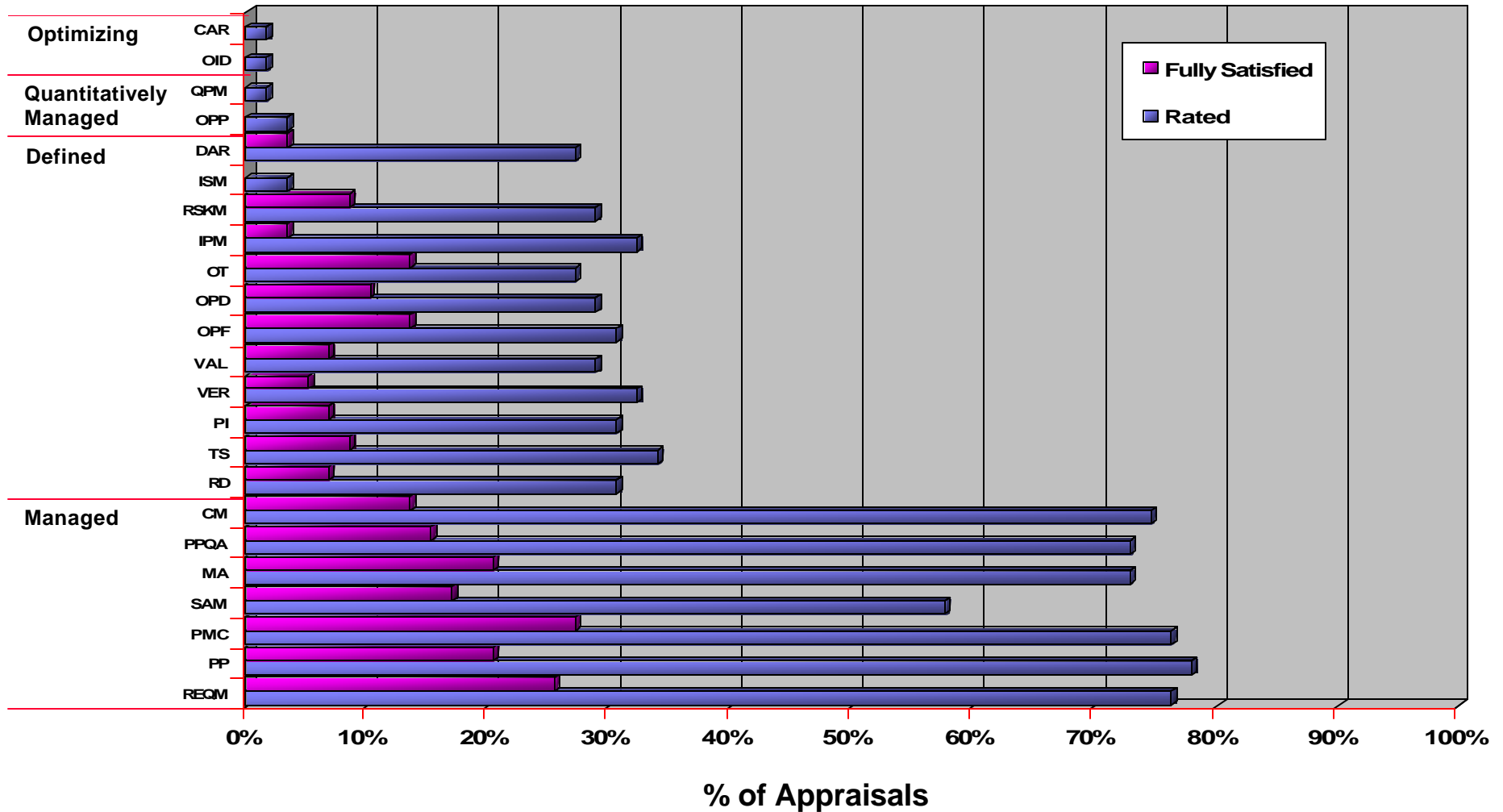
Country	Number of Appraisals	Maturity Level 1 Reported	Maturity Level 2 Reported	Maturity Level 3 Reported	Maturity Level 4 Reported	Maturity Level 5 Reported	Country	Number of Appraisals	Maturity Level 1 Reported	Maturity Level 2 Reported	Maturity Level 3 Reported	Maturity Level 4 Reported	Maturity Level 5 Reported
Argentina	26	No	Yes	Yes	Yes	Yes	Malaysia	29	No	Yes	Yes	No	Yes
Australia	26	Yes	Yes	Yes	Yes	Yes	Mauritius	10 or fewer					
Austria	10 or fewer						Mexico	29	Yes	Yes	Yes	Yes	Yes
Bahrain	10 or fewer						Morocco	10 or fewer					
Belarus	10 or fewer						Netherlands	10 or fewer					
Belgium	10 or fewer						New Zealand	10 or fewer					
Brazil	58	No	Yes	Yes	Yes	Yes	Pakistan	10 or fewer					
Bulgaria	10 or fewer						Peru	10 or fewer					
Canada	38	No	Yes	Yes	Yes	Yes	Philippines	17	No	Yes	Yes	No	Yes
Chile	17	No	Yes	Yes	No	Yes	Poland	10 or fewer					
China	321	Yes	Yes	Yes	Yes	Yes	Portugal	10 or fewer					
Colombia	16	No	Yes	Yes	Yes	Yes	Romania	10 or fewer					
Costa Rica	10 or fewer						Russia	10 or fewer					
Czech Republic	10 or fewer						Singapore	10					
Denmark	10 or fewer						Slovakia	10 or fewer					
Dominican Republic	10 or fewer						South Africa	10 or fewer					
Egypt	25	No	Yes	Yes	Yes	Yes	Spain	55	No	Yes	Yes	Yes	Yes
Finland	10 or fewer						Sweden	10 or fewer					
France	94	Yes	Yes	Yes	Yes	Yes	Switzerland	10 or fewer					
Germany	41	Yes	Yes	Yes	Yes	Yes	Taiwan	71	No	Yes	Yes	No	Yes
Hong Kong	10						Thailand	10 or fewer					
India	256	No	Yes	Yes	Yes	Yes	Turkey	10 or fewer					
Indonesia	10 or fewer						Ukraine	10 or fewer					
Ireland	10 or fewer						United Arab Emi	10 or fewer					
Israel	12	No	Yes	Yes	No	Yes	United Kingdom	57	Yes	Yes	Yes	Yes	Yes
Italy	12	No	Yes	Yes	No	No	United States	859	Yes	Yes	Yes	Yes	Yes
Japan	197	Yes	Yes	Yes	Yes	Yes	Uruguay	10 or fewer					
Korea, Republic Of	87	Yes	Yes	Yes	Yes	Yes	Viet Nam	10 or fewer					
Latvia	10 or fewer												





# Process Area Profiles - 1

## Organizations Appraised at Maturity Level 1

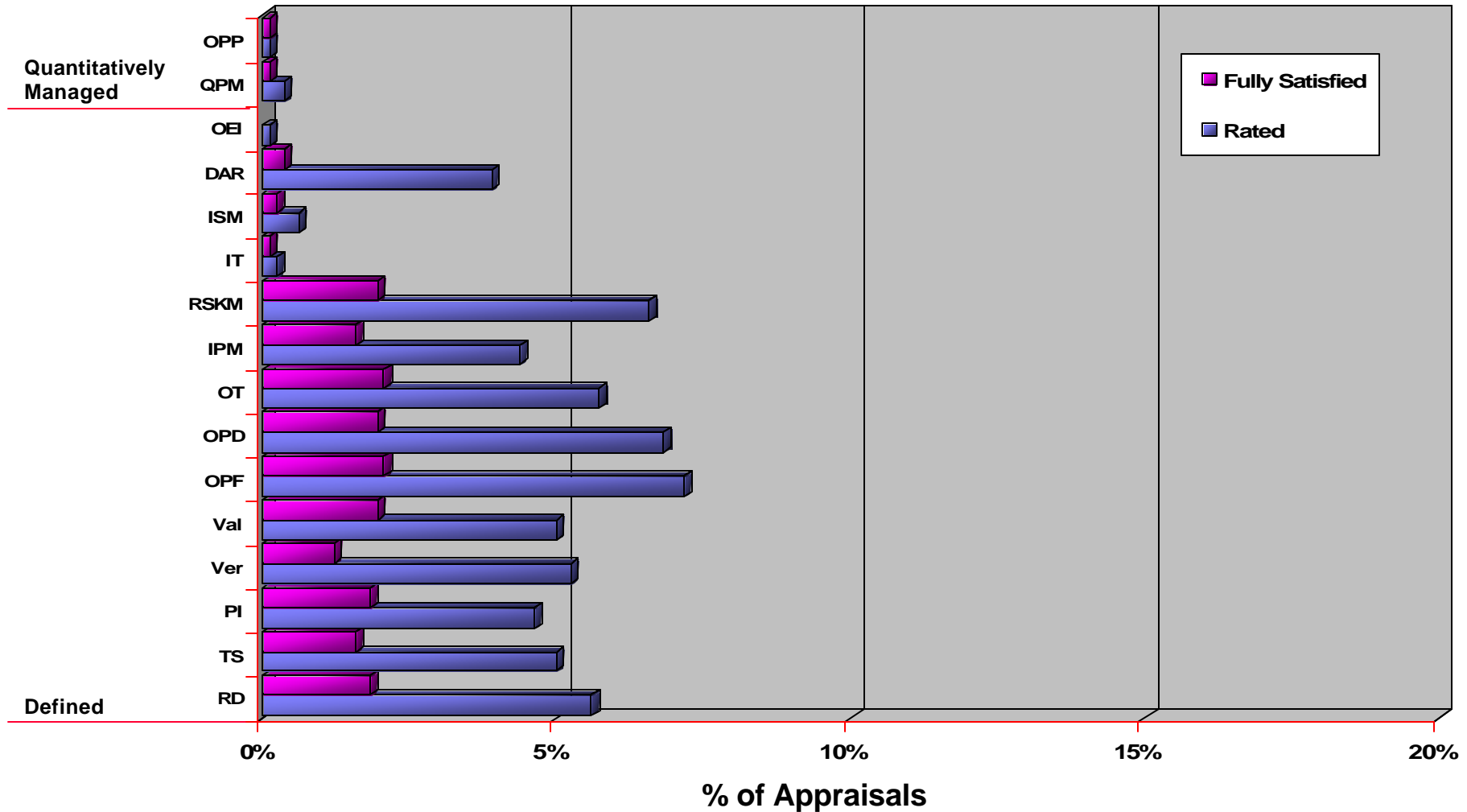


Based on 59 appraisals reporting a maturity level 1 rating



# Process Area Profiles - 2

## Organizations Appraised at Maturity Level 2



Based on 822 appraisals reporting a maturity level 2 rating



# Summary

**2464 appraisals have been reported to the SEI in 64 months**

**Organization Category Commercial/In-house reports most of the appraisals**

**The highest percentage of Commercial/In-house reporting appraisals is from outside the USA**

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

**Outside the USA: China, India, Spain, France and Malaysia reporting appraisals are increasing at a rapid rate**

**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/index.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/index.html>

and review the information provided before contacting:

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