

The Ada Market in 2005

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Ada Market
119 completed surveys
plus Individual interviews

Market size: \$5.6 billion
Lines of Ada Code: 322.0 million
Lines of Other Code: 2.5 million
Estimated Lines of Code: 335.0 million

Projects' range

**from 800 LOAC
to 3 million**

**and
from a total of
800 LOC
to 5 million**

**and
from free (volunteers)
to \$2 billion (\$2,000 million)**

Which Countries the Surveys Represent

**Australia
Austria
Brazil
Belgium
Denmark
Germany
Italy
Korea
The Netherlands
Poland
Spain
Sweden
Switzerland
U.K.
USA**

Project Stage 119 Completed

Planning:	7 [6%]
Development:	78 [66%]
Complete:	31 [26%]
Fielded:	51 [43%]
Maintenance:	54 [45%]
Other stage:	13 [11%]

Project type 119 completed surveys

Embedded systems:	41 [34%]
Command and control systems:	32 [27%]
Other types:	32 [27%]
Tools:	28 [24%]
Simulation projects:	29 [16%]
Graphics:	20 [17%]
Libraries:	11 [9%]
IT projects:	7 [6%]

Unusual Ada Systems Applications Outside the Aerospace/Defense Box and from Hobbyists

**Accounting
Artificial vision
Banking & Financial
Bible Studies
Book Title Image Matching
Commercial Imaging
Court Workflow
Currency Trading
Database Tools
DNA Analysis
Electronic Voting Machine
Industrial Control
Interlingual Machine Translator
Internet Security
Medical Devices & Testing
Neuroscience Research
Photonic Materials Research
Security Assessment
Semiconductor Factory
Small Office Applications
Spellcheck
Telecommunications
Tension Structure Analysis
Warehouse Management/Control**

Use Ada 95:	108 [91%]
Open Source:	22 [19%]

Ada 2005 features

109 Completed

Feature	Avg.
New packages	4.05
Never use: 4	
Rarely use: 16	
Occasionally use: 30	
Frequently use: 33	

Ada 2005 features (cont.)

Feature	Avg.
Anonymous access type	3.53
Never use: 8	
Rarely use: 26	
Occasionally use: 23	
Frequently use: 19	
Prefixed views	3.52
Never use: 14	
Rarely use: 16	
Occasionally use: 23	
Frequently use: 23	
Interfaces	3.45
Never use: 18	
Rarely use: 21	
Occasionally use: 24	
Frequently use: 16	

Ada 2005 features (cont.)

Feature	Avg.
Scheduling	3.27
Never use: 26	
Rarely use: 23	
Occasionally use: 18	
Frequently use: 12	
Containers	3.27
Never use: 5	
Rarely use: 21	
Occasionally use: 25	
Frequently use: 32	
Limited with	3.24
Never use: 6	
Rarely use: 31	
Occasionally use: 24	
Frequently use: 10	

Ada 2005 features (cont.)

Feature	Avg.
Limited agg/function	3.15
Never use: 7	
Rarely use: 25	
Occasionally use: 26	
Frequently use: 8	
Nested extension	3.12
Never use: 11	
Rarely use: 22	
Occasionally use: 27	
Frequently use: 7	
Unicode IDs	3.12
Never use: 33	
Rarely use: 21	
Occasionally use: 19	
Frequently use: 7	

Ada 2005 features (cont.)

Feature	Avg.
Ravenscar	3.02
Never use: 36	
Rarely use: 9	
Occasionally use: 18	
Overriding indicators	2.82
Never use: 7	
Rarely use: 16	
Occasionally use: 19	
Frequently use: 12	

More Data to Come
on www.adaic.org

**Which Ada 2005 Features
Will Non-Ada Insiders
Use?**

Hosts and Targets Used

New Success Stories

Nag, Nag, Nag!

Please Complete
the Ada Use Survey

on

www.adaic.org

Posting New Results Monthly

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