

# 1988 INFORMATION SYSTEMS SURVEY

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## Preliminary Results

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NOTES:

USM1-DT2-1



## Focus

- Large Information Systems Organizations
- Application Development
- Data Base Management Systems
- Budget and Issues

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USM1-DT2-2



## Objectives— Application Development

- Allocation of Resources
- Use of Professional Services and Purchased Software

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USM1-DT2-3



## Objectives— Application Development

- Application Development Productivity
- Progress with CASE
- End-User Application Development

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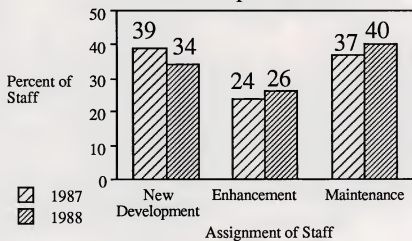
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USM1-DT2-3a





### Assignment of Applications Development Staff



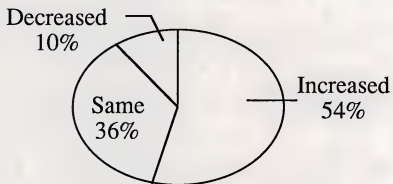
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## Status of Applications Backlog 1988 vs. 1987



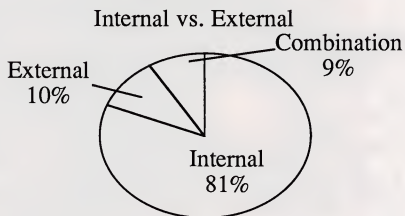
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## Source of Development Resource



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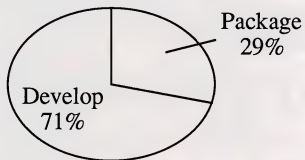
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USM1-DT2-6



## Source of Development Resource

Package vs. Develop



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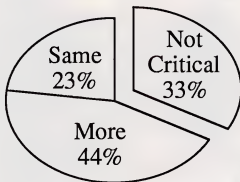
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## Development Productivity Level of Criticality vs. Prior Years



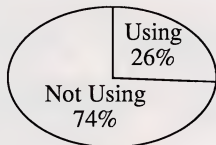
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USM1-DT2-7



## Development Productivity Using CASE Tools



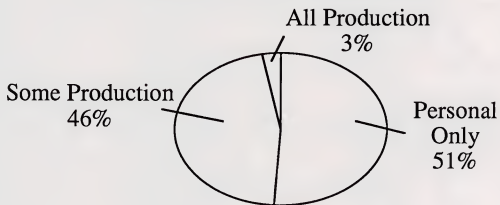
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### Application Development by Users Production vs. Personal Systems



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## Objectives—Data Base Management Systems

- Status of Data Administration Function
- Progress with Relational DBMS
- Progress with Distributed DBMS

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## Objectives—Data Base Management Systems

- Status of Data Dictionary Technology
- Use of DBMS Technology by End User
- End-User Use of Relational DBMS

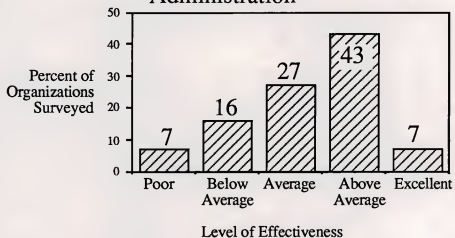
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### Effectiveness of Data Administration



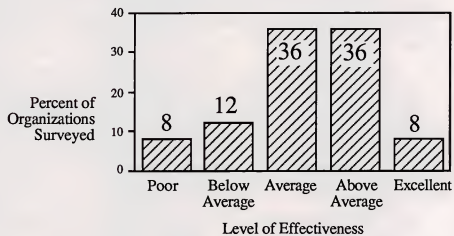
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### Effectiveness of Data Dictionary



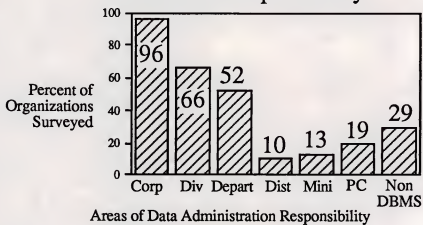
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### Data Administration Breadth of Responsibility



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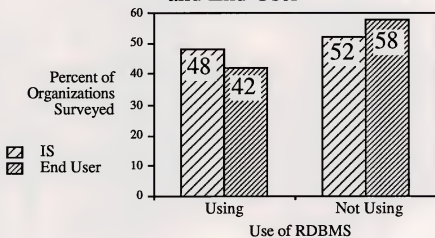
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### Use of Relational DBMS by IS and End User



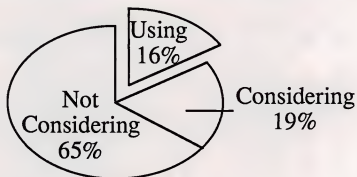
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## Use of Distributed DBMS



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