

# Electronic Imaging in the Federal Market

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## Overview

- Market Environment
- Market Analysis and Forecast
- Agency Perceptions
- Active Vendors
- Recommendations

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# Imaging System Components

- Input/output devices
- Processing unit
- Software
- Storage devices

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## Market Pressures

- Improve records management
- Improve customer service
- Utilize available technology
- Integrate with other systems
- Avoid system obsolescence

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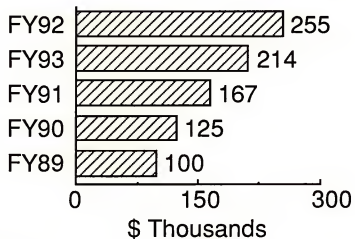
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## Proposed Expenditures



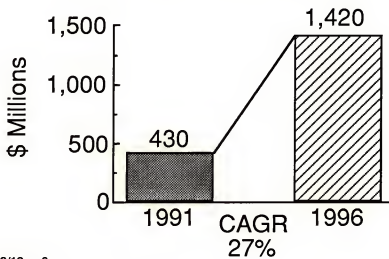
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## Market Forecast



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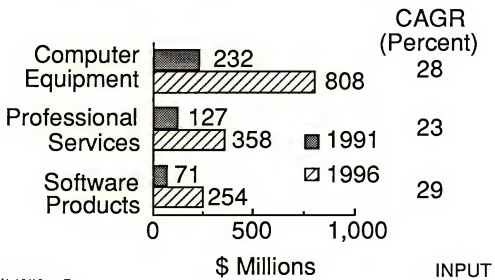
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# Component Forecast

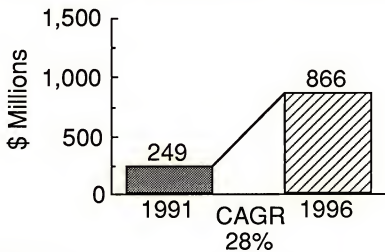


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## Civilian Market Forecast



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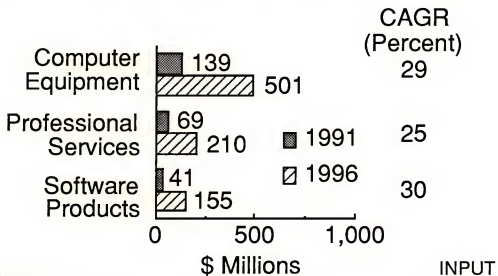
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# Civilian Component Forecast



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Let us now consider the case where  $\alpha = 1$ .

Let us assume that  $\beta = 1$  and  $\gamma = 1$ .

Let us assume that  $\delta = 1$  and  $\epsilon = 1$ .

Let us assume that  $\zeta = 1$  and  $\eta = 1$ .

Let us assume that  $\theta = 1$  and  $\iota = 1$ .

Let us assume that  $\kappa = 1$  and  $\lambda = 1$ .

Let us assume that  $\mu = 1$  and  $\nu = 1$ .

Let us assume that  $\xi = 1$  and  $\omicron = 1$ .

Let us assume that  $\pi = 1$  and  $\rho = 1$ .

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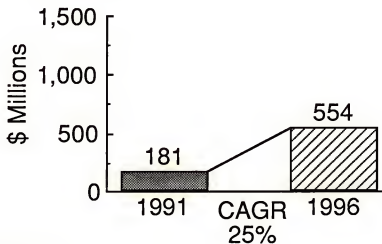
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## Defense Market Forecast



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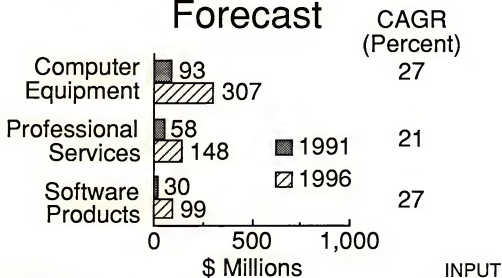
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# Defense Component Forecast



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## Largest Projects

- FBI
  - NCIC 2000 - National Crime Information Center
  - IAFIS - Integrated Automated Fingerprint Identification System

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## Largest Projects

- IRS
  - SCRIPS - Service Center Recognition/Image Processing System
  - DPS - Document Processing System
  - CHEX - Check Handling Enhancement and Expert System

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## Other Agency Initiatives

- FDA
- FBI
- FHA
- House
- USPS
- Archives

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## Anticipated Spending

	(\$000)	
	FY92	FY91-FY96
Agency Average	625	4,250

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## Selection Criteria

- Ease of implementation
- Vendor's support reputation
- Software features
- Product price
- Equipment reputation

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the 1990s, the number of people in the 15–24 age group has increased from 1.5 million in 1990 to 2.2 million in 2000, and is projected to reach 2.8 million by 2010 (Table 1). The increase in the number of young people is due to the increase in the birth rate, which has risen from 1.8 children per woman in 1990 to 2.2 children per woman in 2000, and is projected to reach 2.5 children per woman by 2010 (Table 1).

There are a number of reasons for the increase in the birth rate. One reason is the increase in the number of young people, which has led to an increase in the number of young people who are sexually active. Another reason is the increase in the number of young people who are sexually active, which has led to an increase in the number of young people who are sexually active.

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## Hardware Platform

Hardware	Percent
Mainframe	33
Minicomputer	33
Microcomputer	22
Special-purpose computer	22

Note: More than one response allowed

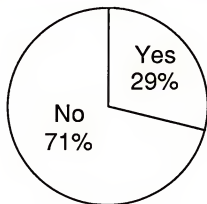
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## Imaging-Reducing Paper-Related Technology



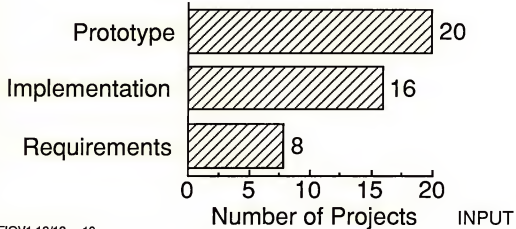
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## Imaging Projects by Life Cycle State

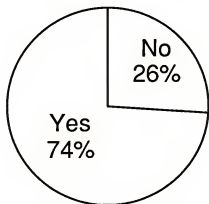


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## Future Imaging System Acquisition



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## Justification Factors

Justification	Avg. Rating
Improved customer service	4.4
Improved records management	4.0
Savings on storage media	3.6
Space savings	3.2
Personnel savings	2.8

Ratings: 1-5, with 5 being most important

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Notes

the 1990s, the number of publications in the area of research on the effects of the environment on human health has increased substantially. This has led to a growing awareness of the need to integrate environmental and health research.

The present study is part of a larger research project, the Dutch Environmental Health Study (DEHS), which aims to investigate the effects of environmental factors on human health. The study is a multi-disciplinary effort involving researchers from various fields, including epidemiology, toxicology, and environmental health.

The study is based on a large, representative sample of the Dutch population. The sample is divided into several groups, each of which is followed up over time to assess the effects of environmental factors on health.

The study is designed to investigate the effects of environmental factors on human health in a number of different ways. These include: (1) the effects of environmental factors on the development of disease; (2) the effects of environmental factors on the severity of disease; and (3) the effects of environmental factors on the quality of life.

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## Acquisition Method Preference

Method	Avg. Rating
RFP	3.9
Requirement contract	2.5
GSA schedule	2.3
Excess equipment	1.6

Ratings: 1-5, with 5 being most important

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The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry, no matter how small, should be recorded to ensure the integrity of the financial statements. This includes not only sales and purchases but also expenses, income, and any other financial activity.

The second part of the document provides a detailed breakdown of the accounting cycle. It outlines the ten steps involved in the process, from identifying the accounting entity to preparing financial statements. Each step is explained in detail, with examples provided to illustrate the concepts.

The third part of the document discusses the various types of accounts used in accounting. It categorizes accounts into assets, liabilities, equity, revenue, and expense accounts. It also explains the normal balances for each type of account and how they are used to calculate the net income or loss for a period.

The fourth part of the document discusses the importance of adjusting entries. It explains how these entries are used to ensure that the financial statements reflect the true financial position of the company at the end of the period. Examples of adjusting entries are provided to illustrate the process.

The fifth part of the document discusses the preparation of financial statements. It outlines the steps involved in preparing the balance sheet, income statement, and statement of owner's equity. It also discusses the importance of comparing the financial statements to the company's budget and industry trends.

The sixth part of the document discusses the importance of internal controls. It explains how these controls are used to prevent and detect errors and fraud. Examples of internal controls are provided to illustrate the process.

The seventh part of the document discusses the importance of ethics in accounting. It explains how accountants should maintain objectivity and integrity in their work. Examples of ethical dilemmas are provided to illustrate the process.

The eighth part of the document discusses the importance of communication in accounting. It explains how accountants should effectively communicate financial information to management and other stakeholders. Examples of communication scenarios are provided to illustrate the process.

The ninth part of the document discusses the importance of technology in accounting. It explains how accounting software and other technologies can be used to improve the efficiency and accuracy of the accounting process. Examples of technology applications are provided to illustrate the process.

The tenth part of the document discusses the importance of continuous learning in accounting. It explains how accountants should stay up-to-date on the latest developments in the field. Examples of learning opportunities are provided to illustrate the process.

## Selection Criteria

Criteria	Avg. Rating
Ease of implementation	4.4
Vendor's support reputation	4.2
Software features	4.2

Ratings: 1-5, with 5 being most important

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## Selection Criteria

Criteria	Avg. Rating
Product price	4.0
Equipment reputation	4.0
Vendor's federal experience	3.1

Ratings: 1-5, with 5 being most important

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Table 1. Mean (SD) age, height, weight, body mass index (BMI), and body fat percentage of the participants

Variable	Mean (SD)
Age (years)	12.5 (0.5)
Height (cm)	152.5 (6.5)
Weight (kg)	42.5 (10.5)
BMI (kg m <sup>-2</sup> )	18.5 (3.5)
Body fat (%)	12.5 (3.5)

of the participants. The mean (SD) age, height, weight, BMI, and body fat percentage of the participants are shown in Table 1.

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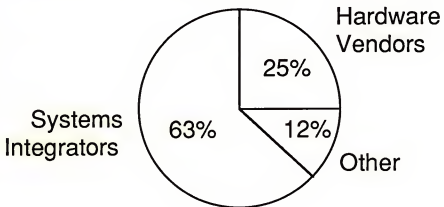
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## Types of Vendors Preferred



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## Leading Imaging Vendors

- Filenet
- IBM
- Wang
- TRW
- PRC

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## Recommendations

- Establish strong alliances
- Build strong agency relationships
- Incorporate technological advances
- Use standards

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