

What has technology done for us and to us?

Are we ready for what's next?

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Overview

- What have we sought from technology?
- What came along for the ride?
- What's next, and are we ready?

What have we sought?

- Quality improvements

Quality

- Relevance
- Accuracy
- Timeliness
- Coherence
- Accessibility
- Completeness
- Comparability
- Interpretability

Andersson et al, 1997; Arondel and Depoutot, 1998; Brackstone, 1999, Eurostat, 2000; and others.

Quality

- Relevance
- **Accuracy**
- **Timeliness**
- Coherence
- **Accessibility**
- **Completeness**
- Comparability
- Interpretability

Accuracy

- What?
 - Exert Control
 - Ease Implementation of Practices
- When?
 - Before collection
 - During collection
 - After collection

Accuracy – during collection

Exert Control

- Branching/skips
- Question order
- Interviewer monitoring
- Consistency between answers
- Consistency between contacts

Ease of Implem't

- Complex, real-time sampling
- Control and study of “effects”
- Customization
- Concept clarification

Accuracy – before collection

Exert Control

- [questionnaire testing]

Ease of Implem't

- Cognitive understanding
- Interviewer training
- **Complexity**

Accuracy – after collection

Exert Control

- audit trails

Ease of Implem't

- Complex imputation and editing
- QC follow-up
- Coding

Quality

- Timeliness
- Accessibility
- Completeness

What have we sought?

- Quality improvements
- Efficiency

Efficiency

- Timeliness of process

Efficiency

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- Cost

Efficiency

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- Cost
- Implementation of complex processes

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- **Shift between modes of collection**

Efficiency

- Timeliness of process
- Cost
- Implementation of complex processes
- Shift between modes of collection
- Respondent burden

What have we sought?

- Quality improvements
- Efficiency
- To meet growing expectations of the public

Public Expectations

- Expect technology

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- Maximize convenience for respondent

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- Establishments – take directly from their record keeping

Public Expectations

- Expect technology
- Maximize convenience for respondent
- Establishments – take directly from their record keeping
- Panel – access to previous answers

What came along for the ride?

- Competition for respondents
- Public concerns and reactions
- Organizational changes

Competition

- Victims of our own success
- Technology made it easier to field “bad” surveys

Public concerns and reactions

- Fear and loathing
- Desire to Escape
- Privacy
- Counter - technology

Organizational Changes

- Relative roles between “cognitive” and technology resources

- Interviewers

What's Next? Are We Ready?

- Trends will continue!
- Technology continues to make it easy to field “bad” surveys!
- Telephone surveys??
- Technology moving quickly --- lack of funding for research on quality.

I'm Optimistic about:

- Database approaches
- Customized approaches
- Panel and incentives
- Alternatives to surveys

I'm Optimistic about:

FEDCASIC!

Presented at FEDCASIC 2005



Thank you!

Presented at FEDCASIC 2005

