Survey module

construction and prefesting

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Focus of the session

- construction and pretesting Introduce you to the basics of questionnaire
- · Make you a "better constructor" of questionnaires
- appropriate tools Assist you to collect good quality of data using

Basic Survey Process

- 2 Drawing a sample
- 3. Designing the questionnaire

- 4. Fielding a survey and collecting the data
- 5. Analysis
- 6. Reporting

Step 1: Deciding on a mechanism

- · Telephone
- Internet
- In-person

Seection

"To be or not to be" representative

Step 2: Drawing a sample - WHO?

Who is included in your sample:

- The Public
- Adults, non-elderly, kids, Gauteng adults
- Voters (registered, likely, swing voters)Specific health districts
- In telephone surveys, always "...in households with telephones"
- Subgroups and oversamples
- Africans, Coloureds, Indians, Whites
- Ederly
- Doctors, nurses, health professionals, caregivers

Step 2: Drawing a sample - How Wany?

- ➤ Decide on your analysis plan NOW!
- > Know the prevalence (incidence)
- Unweighted vs. Weighted N

Step 2: Response Rates

- Design of interview / Topic
- Length of interview
- Length of field period (callback #)
- Interviewer expertise

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- Oversamples
- What else is going on in the world

Calculating Response Rates

Step 3: Designing the questionnaire

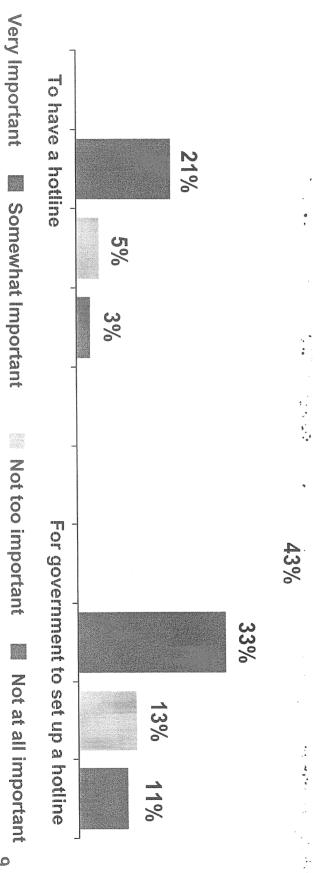
- Effect of a given word
- Balance in question wording
- Don't know answers offered or volunteered?
- Using scales
- Question order
- Pretesting and cognitive testing

Step 3: Questionnaire design The Effect of One Word

How important do you think it is to have a hotline telephone number people can call to get help when they have problems with their medical aid?

70%

How important do you think it is for the GOVERNMENT to set up a hotline telephone number people can call to get help when they have problems with their medical aid?



Step 3: Questionnaire design Balance In Question Wording

Which is a leading question?

support action to increase salaries of doctors and prevent brain-drain to better-paying countries? Public sector doctors are being forced out of medicine by low salaries because they can no longer afford to live on low salaries. Would you

improve the salaries of doctors and to prevent brain-drain. One OSD or provision of an immediate 50% salary increase for doctors? proposal is to give doctors an OSD to increase their pay packets As you may know, there have been some recent proposals to Under this plan, would you favour or oppose an introduction of an

Step 3: Questionnaire design Balance in question wording

What's wrong with these questions?

- Do you support the government taking action against sex workers?
- If you heard that MP X supported stricter smoking vote for her? control laws, would that make you more likely to
- Did you happen to vote in the elections in 2009?

Step 3: Questionnaire design Balance In Question Wording

Bad questions, moroved

- Do you support <u>or oppose</u> the government taking action against sex workers?
- If you heard that MP X supported stricter smoking control laws, would that make you more likely to vote for her, less likely to vote for her, or wouldn't it make much difference?
- Did you happen to vote in the elections in 2009, or

Step 3: Questionnaire design Open-ended or Closed-ended?

What do you think is the most important problem in health or health care for the government to address? (top 7 answers)

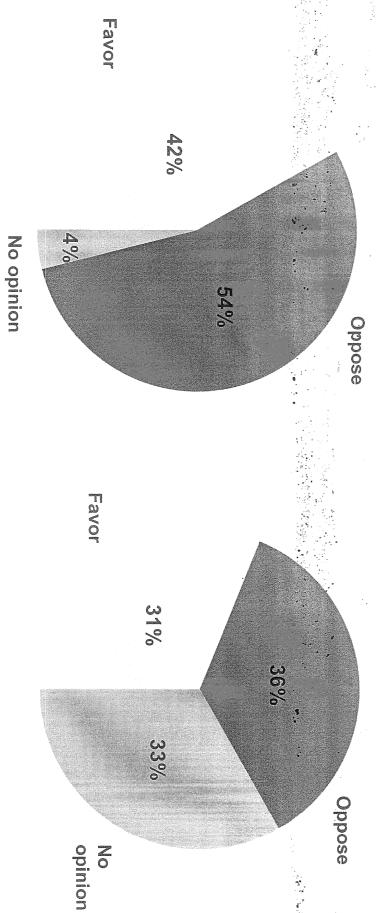
Which of the following do you think is the most important health care issue for the Government to deal with?

| Cost of medical aid 7% | Rx coverage for seniors 8 | Chronic conditions | Africans TB, Malaria | Provision of ARVs Health care for all South | |
|---|---------------------------|--------------------------------------|--|--|----------------------------------|
| Helping the poor with the cost of medical aid | 8% | 10% Lowering the cost of medical aid | Making health care more financially sound for future generations | health care for all South 15% Africans | Helping PLWHA get access to ARVs |
| 8% | | 11% | 18% | 27% | 27% |

Don't Know Answers - offered or volunteered? Step 3: Questionnaire design

Do you favour or oppose the government offering provinces money or "vouchers" to send their patients to private hospitals?

Do you favour or oppose the government offering provinces money or "vouchers" to send their patients to private hospitals or haven't you heard enough about that to have an opinion?



Using scales - getting to the most Step 3: Questionnaire design

Now, I'm going to read you some different health care issues. As I read each one, please tell me how important you think it is for the President and Congress to deal with this issue – very important, somewhat important, not too important, or not important at all.

Percent saying "very important"

When forced to choose...
Which of the following issues you say are very important do you think is most important?*

Percent saying "most important"

| | Improving the state of public hospitals | Increasing the number of South Africans covered by medical aid | Increasing the salaries of health workers | Helping DI M/HA to get ART |
|------------|---|---|---|----------------------------|
| | 64% | 74% | © & & & & & & & & & & & & & & & & & & & | |
| economical | 8% | 27% | 19% | |
| | | | | |

Introducing a National Health

- 2 %

*Also includes those

important;

who named only one issue as "very

Insurance for all patients

How questions can affect one another Step 3: Questionnaire design

- facing the nation) Ask general priority questions first (e.g. most important problem
- Pay attention to how one question might influence answers to future questions:
- In considering whether or not to vote for a political candidate, how important is the candidate's position on HIV/AIDS in making your choice?
- What do you think are the two most important health care issues for the government to
- questions that could bias one another: Decide when it would be best to "split" the sample to ask two
- To what age do you think boys should wait before having sexual intercourse?
- To what age do you think girls should wait before having sexual intercourse?

Step 3: Questionnaire design

- Prestage of the state of the st
- Focus groups

Example of questionnaire

Section B: Establishment-based sex workers

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|-----------------|--|---------------------------|----------------------------|--|---|-------------------------|----------------------------|
| | | | | | E | Denote the second | O C C C C C |
| | | | you operate? | establishment where | What is the type of | | Question |
| Other (specify) | Flat/Apartment | Rothel | Bar | | Hotel | | Coding category |
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EXERCISE

- Identify a study which you plan to conduct in the next 3 months
- Develop a questionnaire for this study:

- · Use several (Sub)Headings for each section e.g. Demographic data, Knowledge, Attitudes, etc.
- Indicate Coding categories e.g Yes/No, True/False, Agree/Disagree/Unsure, etc
- Indicate Codes for each question e.g. Male = 1;
- Pilot-test the questionnaire with two of your colleagues and make corrections as suggested

Some references

http://roperweb.ropercenter.uconn.edu/iPOLL/

American Association for Public Opinion Research http://aapor.org/

National Journal Pol Tack http://national.org/

Public Agenda Online http://publicagenda.org/

Pew Research Center for the People and the Press http://people-press.org/

http://www.americans-world.org/ Program on International Policy Attitudes: Americans and the World

Public Opinion on Health:

Kaiser Family Foundation: Kaiser Health Poll Report http://www.kff.org/healthpollreport

Kaisernetwork.org: Health Poll Search http://www.kaisernetwork.org/health_poll/