The Challenges of Implementing the China Family Panel Study (CFPS)

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Overview

- Introduction
- CFPS CAPI Sample Management
- CFPS Blaise Instruments
- Challenges
- Summary
Induction

- CFPS is China’s first nation wide panel survey with comprehensive research design
- 2008 Summer paper questionnaire pilot
- 2009 Summer CAPI follow up pilot
- 2010 Summer baseline data collection production
Background (1)

• 2008 paper questionnaire pilot:
  - 2375 households in three cities and province in China: Beijing, Shanghai, and Guangdong
  - 2375 family Qs + about 8,000 around individual Qs who ware from age 1 to 80 + 95 community Qs
  - “China Report” has been published by using the pilot which has been submitted to the China State Council
Background (2)

• 2009 Summer CAPI follow up pilot
  - Re-interview 2008 families and all the individuals, no communities
  - New move in and move out from the family, no re-interview will conducted
  - First time using SurveyTrak and Blaise…
Background (3)

• 2010 main data collection
  ▪ Cover 25 provinces, 160 counties in rural and districts in urban, 640 villages in rural and neighborhood communities
  ▪ The 25 Provinces cover 95% of the total population in China
  ▪ The Qs will reach 16,000 households and 56,000 individuals from age 0 to 80
CFPS CAPI Management System

• Used University of Michigan SurveyTrak system as base
• Translated all the interface screen from English to Chinese
• Added more functions which is suitable to the data collection environment in China
• Created full training procedures for Chinese field interviewers
SurveyTrak in English
SurveyTrak in Chinese
CFPS Blaise Instruments

• 6 interview questionnaires:
  ▪ Screening
  ▪ Family Member Confirmation
  ▪ Family
  ▪ Community
  ▪ Adult
  ▪ Child

• 1 observation questionnaire
CFPS2010年访问管理系统设计图

住宅/住户过滤问卷 → 加载所有抽中住宅样本地址信息及ID → 住宅过滤问卷 → 随机抽取住宅内的一个住户作为访问家庭

家庭人口确认问卷 → 加载家庭样本 → 确认家庭内访问人数 → 生成受访者ID

家庭问卷 → 记录受访者访谈类型 → 记录家庭地址、联系方式

个人问卷 → 加载受访者样本 → 记录受访者其他联系人联系方式

全部完成家庭记录 → 支付系统
Challenges

• Study Design and Operation Challenges
  ▪ Family level of survey with five subprojects
  ▪ Add more functions needed for China production environment
  ▪ Math and word testing with randomly assigned to respondents

• Technical Challenges
  ▪ Different Database software for SurveyTrak
  ▪ Blaise Transition (not just questionnaire)
Blaise in Chinese

- Set up the Blaise Chinese Environment so that Chinese can be displayed right
- Translation Blaise system text to Chinese
- Test, test, test… in Chinese
<table>
<thead>
<tr>
<th>姓名</th>
<th>是否在家</th>
<th>原因</th>
<th>通知</th>
<th>生日</th>
<th>年龄</th>
<th>性别</th>
<th>婚姻</th>
<th>学历</th>
<th>主要工作</th>
<th>主要职业</th>
<th>行业</th>
<th>死亡年</th>
<th>生亡</th>
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<tbody>
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<td>[1] 刘建新</td>
<td>1</td>
<td></td>
<td></td>
<td>1970-6-7</td>
<td>38</td>
<td>1</td>
<td>1</td>
<td>123</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>[2] 孟岩</td>
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<td></td>
<td></td>
<td>1970-12-1</td>
<td>38</td>
<td>4</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>[3] 刘宁轩</td>
<td></td>
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<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

1. 男
2. 女
<table>
<thead>
<tr>
<th>姓名</th>
<th>刘建新</th>
<th>孟岩</th>
<th>刘宇轩</th>
</tr>
</thead>
</table>

主要工作

- 警察及军人
  - 8.1 公安干部、交通干部
    - 8.1.811 公安、交警机构局级及以上级别的干部
  - 8.1.812 公安、交警机构处级干部
  - 8.1.83 公安、交警机构科级干部
  - 8.1.814 公安、交警机构股级干部
  - 8.1.815 普通公安人员（警察）、交通警察

主要职业

- 1 国家机关、党政组织、企业、事业单位负责人
- 2 专业技术人员
- 3 办事人员和有关人员
- 4 商业工作人员
- 5 服务性工作人员
- 6 农、林、牧、渔、水利业生产人员
- 7 生产工人、运输工人和有关人员
- 8 警察及军人

13th International Blaise Users Conference
BlaiseIS for CFPS

- Data Verification
- Sample Address maintenance

- Both systems are not truly “Web Survey”, they are internal systems for management needs.
Outcome for CFPS

• 2010 Production started on April 3rd, 2010
• 2010 Production ended on September 25, 2010 (with some area needed to go back in late fall or early months of 2011.)
The Numbers are impressive!

<table>
<thead>
<tr>
<th>Survey Type</th>
<th>Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screening Survey</td>
<td>14806</td>
</tr>
<tr>
<td>Family Confirmation Survey</td>
<td>14221</td>
</tr>
<tr>
<td>Family Survey</td>
<td>14097</td>
</tr>
<tr>
<td>Adult Survey</td>
<td>31861</td>
</tr>
<tr>
<td>Child Survey</td>
<td>8727</td>
</tr>
<tr>
<td>Community Survey</td>
<td>586</td>
</tr>
<tr>
<td><strong>Total cases completed</strong></td>
<td><strong>84298</strong></td>
</tr>
</tbody>
</table>
The Rates...

- Response Rate: 80.00%
- Cooperate Rate: 98.17%
- Refusal Rate: 1.13%
- Contact Rate: 1.49%
Summary

• It was great collaborative work!
• We wished that we had Blaise NG (Roger: you heard us 😊)
• Any Sample/Case management is a business oriented system, it must reflect an organization's business vision and decisions. (Vese: let us continue to discuss this)
• IBUC needs to go to China soon! (Hilde, what do you think? come on!)
Thank you!

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11/3/2010
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