

# Blaise and PIAAC

Building a survey management system for  
PIAAC with Blaise



OECD  
PIAAC

OECD Programme for International Assessment  
Monitoring Knowledge and Skills in the New Millennium



# The OECD Programme for the International Assessment of Adult Competencies(PIAAC)

**Competencies in technology-rich environments**

**Work-place skills**



**Numeracy**

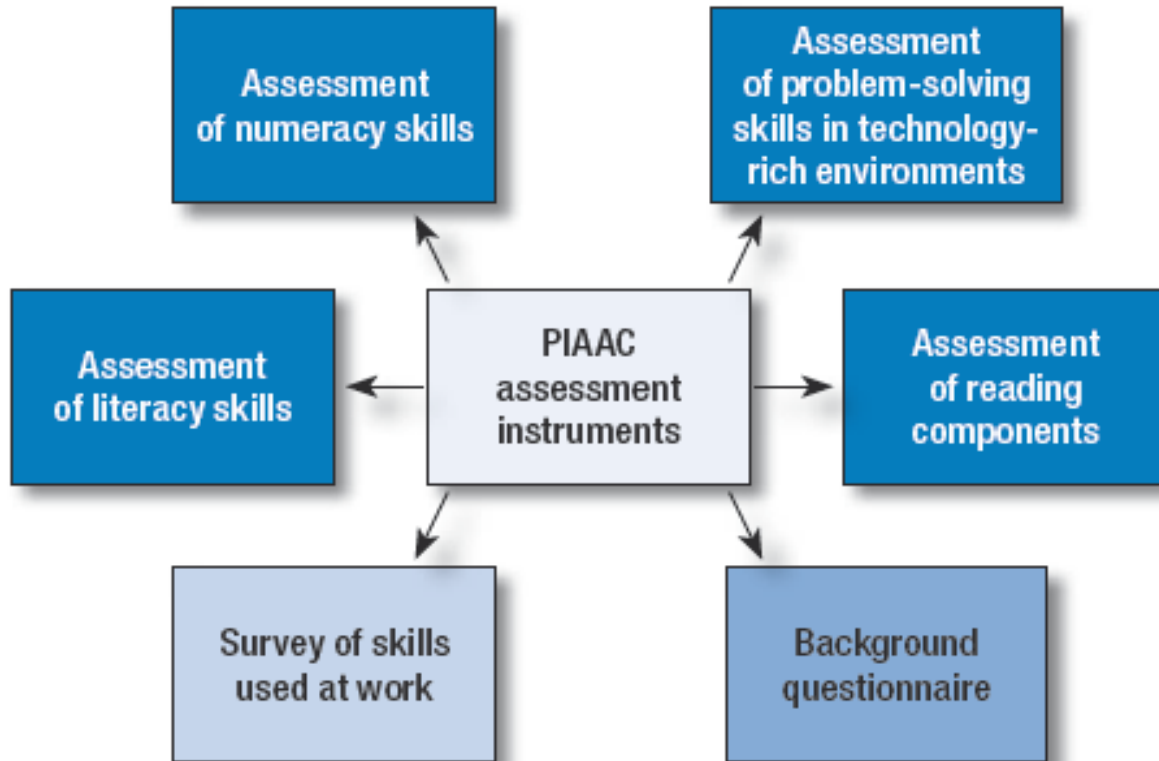


**Literacy**

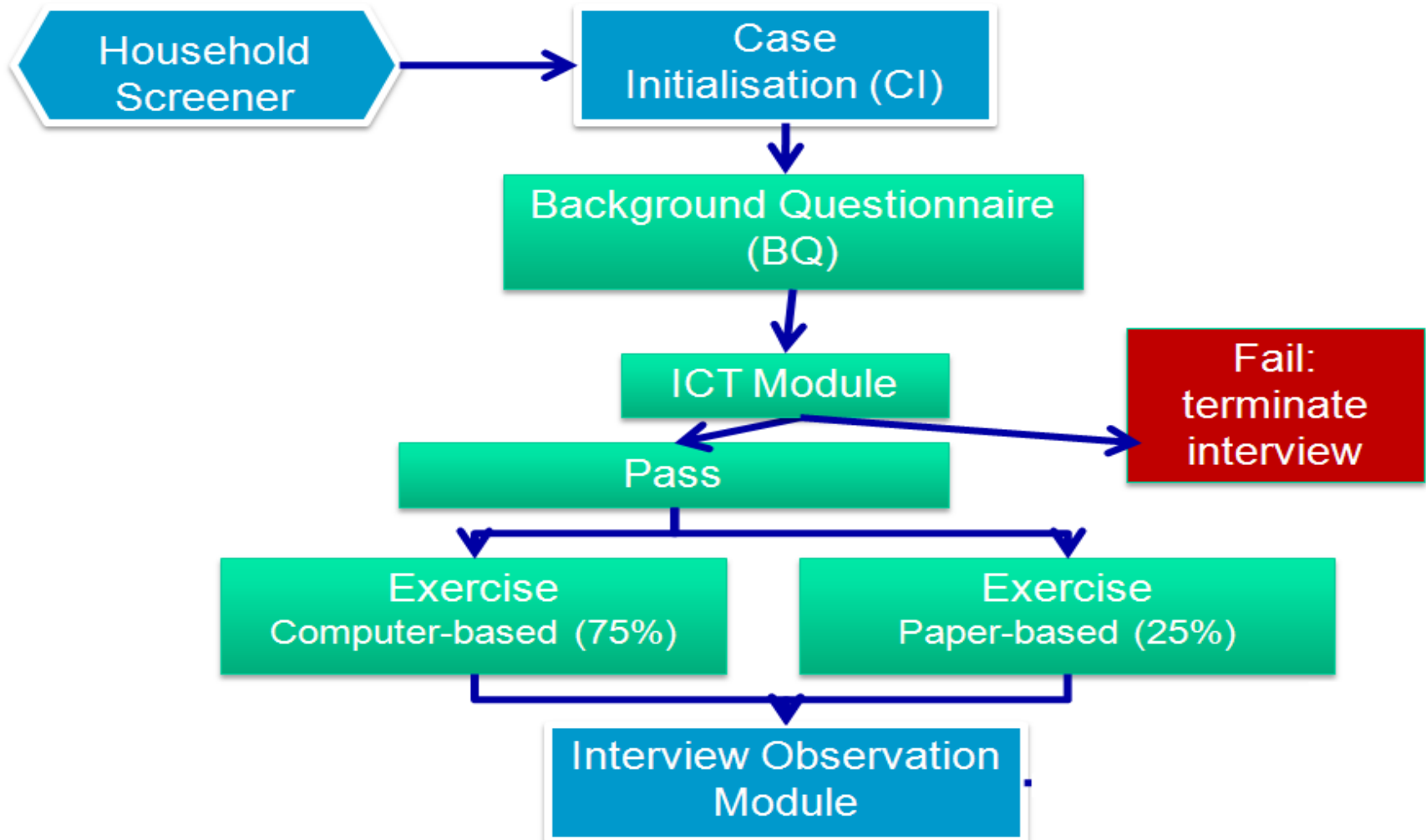


**Problem solving skills**

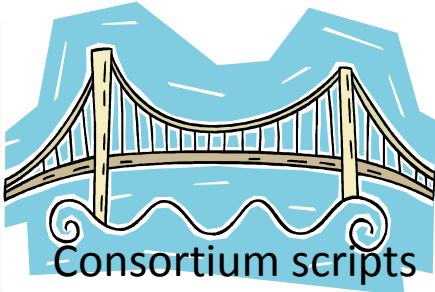
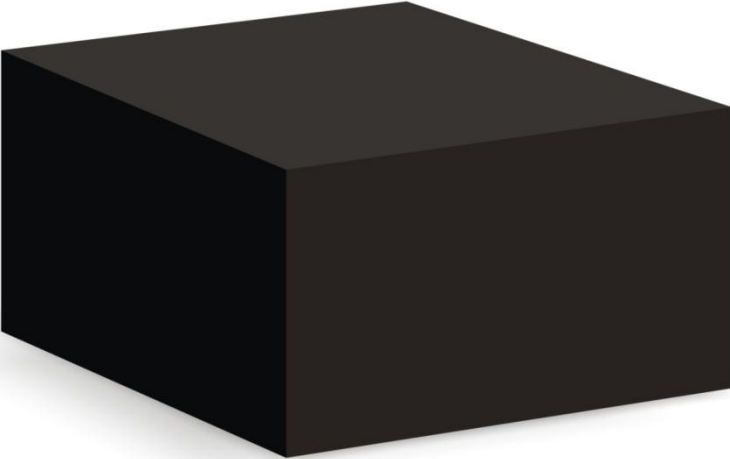
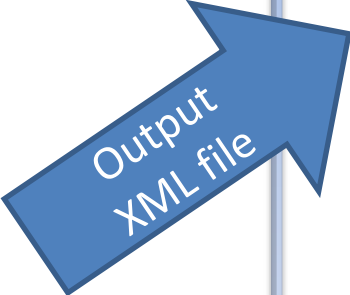
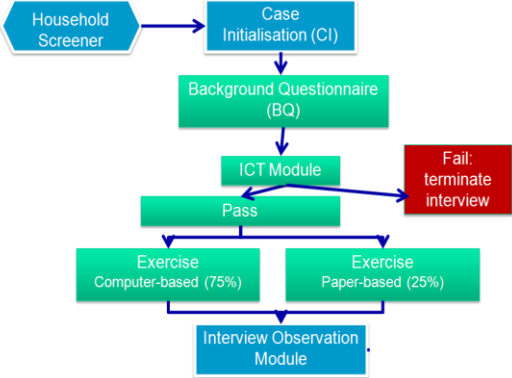
# PIAAC Assessments

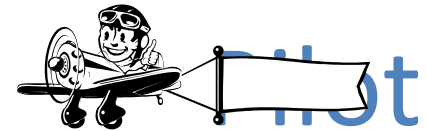


# Survey Instrument



# AC Software





## New Requirements

- Screener to identify household constituents
- Selection of random person to complete assessment
- Data to be passed into the PIAAC VM
- Admin/para data collection

## Difficulties

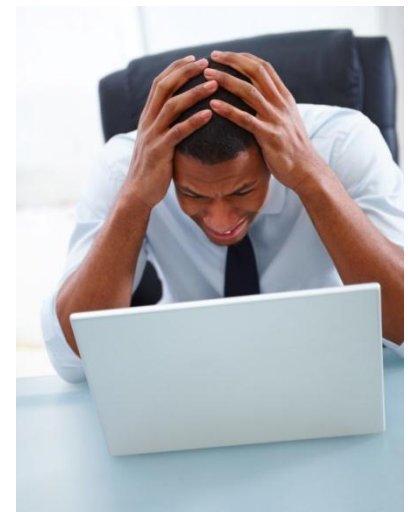
- Time constraints
- Familiarisation with consortium software
- PIAAC cases stored as objects





# Pilot Issues

- Poor transition between Screener and start of the PIAAC assessment
- Multiple versions of the VM open at the same time
- Mis-matched data as interviewers could create new case IDs
- Other VM issues



# New Design

- Better integration of applications
- More automation
- Enhanced access and views of the case details



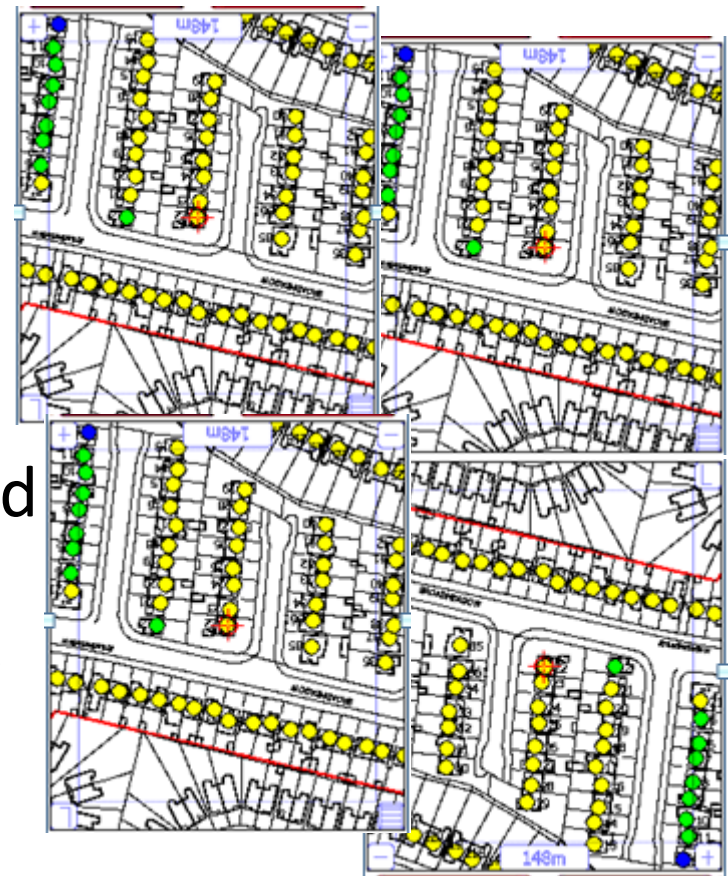
# New Design

- Blaise Maniplus used for all GUIs
  - Interviewer
  - Field Supervisor
  - Office
- Maniplus/Manipula scripts used for all data management



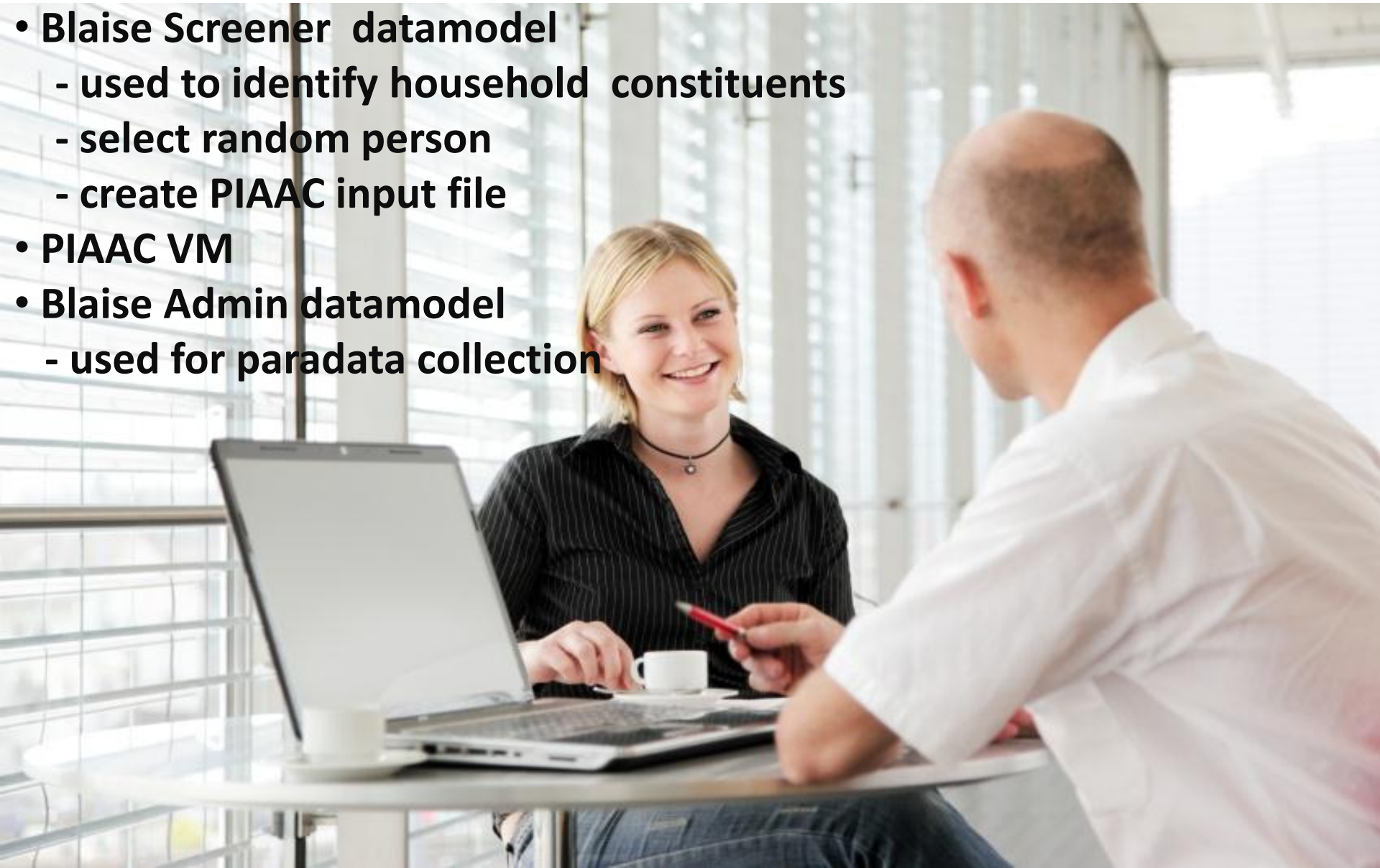
# Sample

- An Interviewer number was assigned to every Case ID in the sample file
- Same file distributed to all interviewers
- Maniplus application filtered cases to only display cases relevant for each interviewer



# Data Collection

- **Blaise Screener datamodel**
  - used to identify household constituents
  - select random person
  - create PIAAC input file
- **PIAAC VM**
- **Blaise Admin datamodel**
  - used for paradata collection



# Welcome to PIAAC Interview System

## ▶ Active Interviews

Status	CI_PersID	Interview	Start/Resume the case
✔	57493960010	57493960010	Finished Interview
✔	57494050019	57494050019	Finished Interview
✔	57494080047	57494080047	Finished Interview
✔	57502570010	57502570010	Finished Interview
✔	57502340020	57502340020	Finished Interview
✔	57502930018	57502930018	Finished Interview
✔	57502520024	57502520024	Finished Interview
✔	57512670027	57512670027	Finished Interview
✔	57682230014	57682230014	Finished Interview
⏸	50011480012	50011480012	📄 CBA_Start

## ▶ Initialize new Interview

New Interview

## ▶ My roles

Interviewer

# Replaced with LaunchPiaac script



Seq No.	Block No.	Ldu No.	PersId	Contact Name	Screener Status	Piaac Status	Finalised	Visit No.	Last Day	Last Visit Date
10	5012	053	50120530015	ANDY ALLEN	Complete - 1 sample person selected	Finished End	Yes	2nd Visit	Wednesday	02/11/2011
10	5012	059	50120590017	BETTY BROWNE	Call back - no appointment		No	7th Visit	Thursday	17/11/2011
10	5012	062	50120620017	CONOR CRONIN	Complete - 1 sample person selected	Finished End	Yes	3rd Visit	Wednesday	09/11/2011
10	5012	065	50120650018	DONAL DOWNEY	Complete - 1 sample person selected	Finished End	Yes	3rd Visit	Thursday	27/10/2011
10	5012	083	50120830012	ELLIE ELLIS	Complete - 1 sample person selected	Finished End	Yes	6th Visit	Thursday	17/11/2011
10	5012	087			Not at home		No	3rd Visit	Saturday	05/11/2011
11	5013	264			Initial refusal		No	3rd Visit	Thursday	17/11/2011
11	5013	268	50132680012	FRANK FORD	Complete - 1 sample person selected	Finished End	Yes	3rd Visit	Friday	11/11/2011
11	5013	289	50132890017	GERRY GREENE	Complete - 1 sample person selected	Finished End	Yes	3rd Visit	Saturday	12/11/2011
11	5013	293			Not at home		No	6th Visit	Tuesday	15/11/2011
11	5013	295	50132950018	HARRY HOLMES	Complete - 1 sample person selected	Finished End	Yes	1st Visit	Saturday	05/11/2011
11	5013	298	50132980028	ITA INGALLS	Complete - 1 sample person selected	Finished End	Yes	3rd Visit	Tuesday	15/11/2011
11	5013	302	50133020022	JAMES JOYCE	Complete - 1 sample person selected	Finished End	Yes	5th Visit	Tuesday	15/11/2011
11	5013	306	50133060020	KAREN KRAMER	Complete - 1 sample person selected		Yes	6th Visit	Tuesday	15/11/2011
11	5013	316	50133160010	LEO LYONS	Complete - 1 sample person selected	Finished End	Yes	1st Visit	Saturday	05/11/2011
11	5013	318	50133180014	MARY MURPHY	Complete - 1 sample person selected	Finished End	Yes	3rd Visit	Wednesday	09/11/2011
11	5013	323			Complete - no eligible sample persons		Yes	2nd Visit	Friday	11/11/2011
11	5013	337			Initial refusal		No	1st Visit	Wednesday	09/11/2011
11	5013	346			Not at home		No	6th Visit	Tuesday	15/11/2011
11	5013	357	50133570013	NODDY NICOLS	Initial refusal		No	4th Visit	Thursday	17/11/2011
11	5013	362			Unable to locate dwelling unit		No	1st Visit	Wednesday	09/11/2011
12	5014	181			Complete - no eligible sample persons		Yes	1st Visit	Monday	21/11/2011
12	5014	252	50142520010	JOHN SMITH						

Search:

Key type:

Secondary

Sort

Start Screener

Start PIAAC

Start Admin

Cancel

Write a remark (F4) View calendar (F7)

Forward

I need to verify a few pieces of information:

[CI\_Name] Your First Name

Respondent first name: JOHN

[CI\_Gender] Your gender

- < 01 > Male
- < 02 > Female

[CI\_Month] The month of your birth

- < 01 > January
- < 02 > February
- < 03 > March
- < 04 > April
- < 05 > May
- < 06 > June
- < 07 > July
- < 08 > August
- < 09 > September
- < 10 > October
- < 11 > November
- < 12 > December

DK RF

[CI\_Year] The year of your birth

Year:

[CI\_Age] Your age

Respondent age: 35

[CI\_Telephone] Your telephone number

Interviewer Instruction

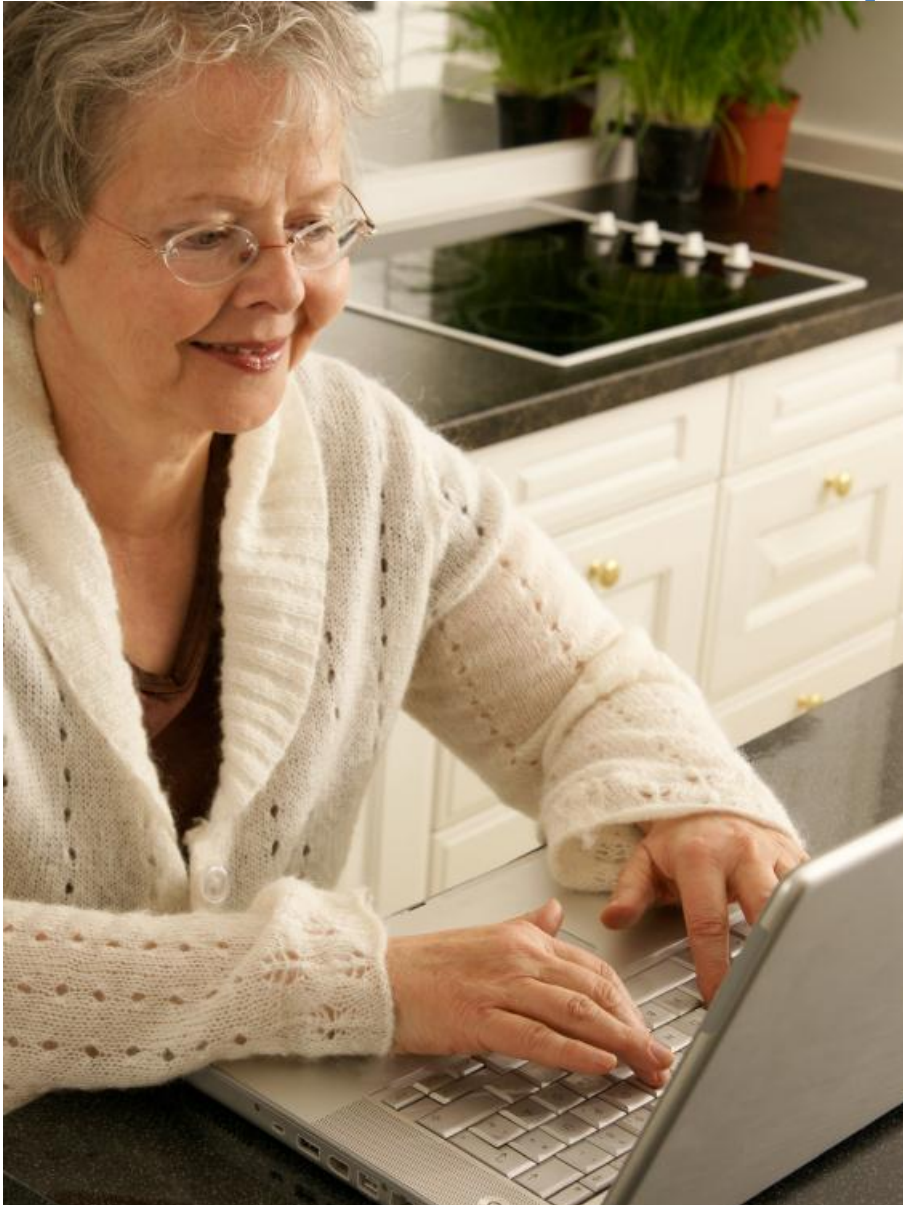
Do not enter the country code, enter the area code and the full number in a continuous sequence

Respondent telephone number: 230948230498

[CI\_Address] Your address

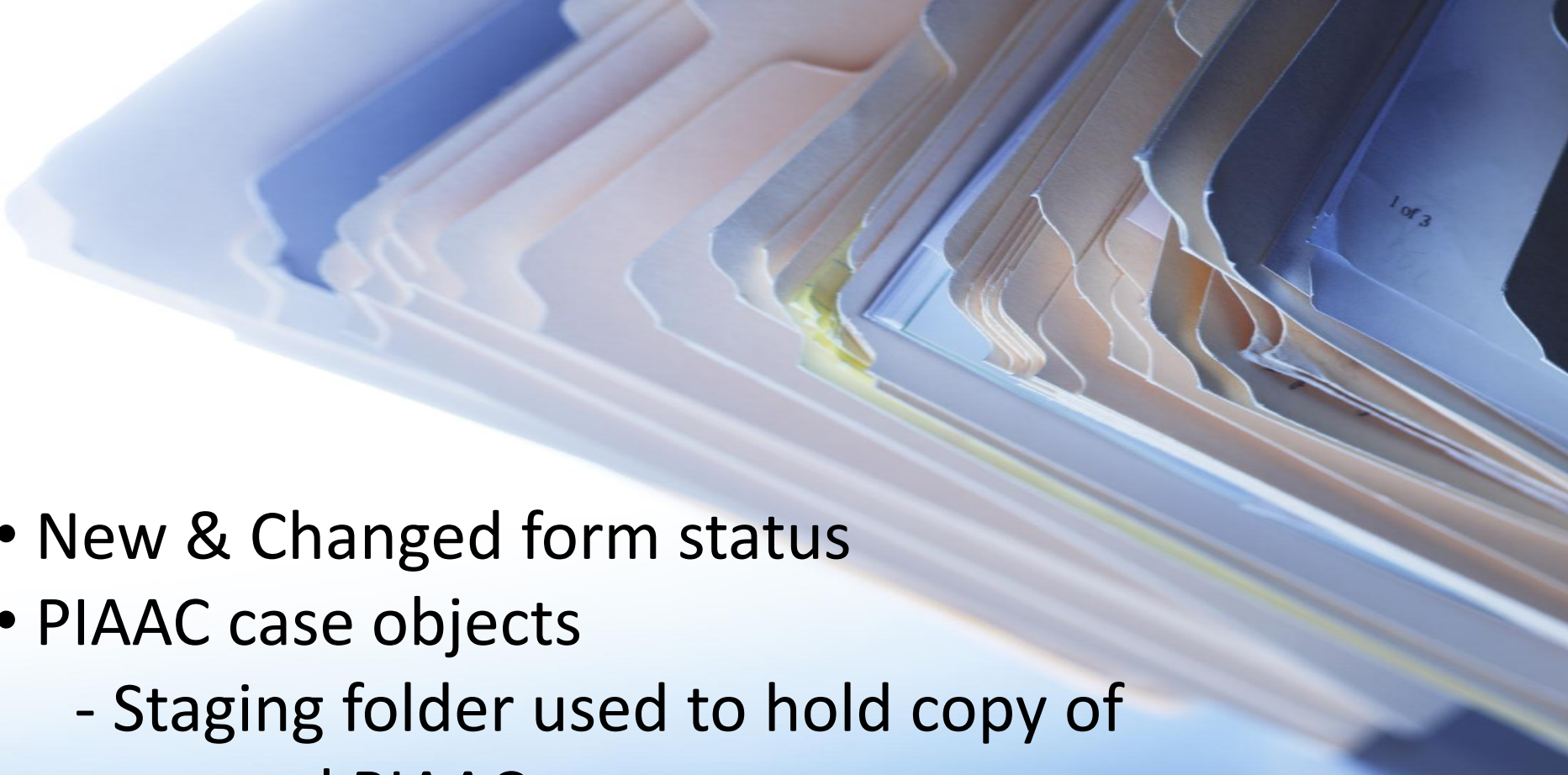
Interviewer Instruction

# Self-completion Exercises



*Some examples .....*

# Data Management

- 
- New & Changed form status
  - PIAAC case objects
    - Staging folder used to hold copy of accessed PIAAC cases

# Management Applications



## Field Supervisor & Office

- access to latest regional/all data
- daily production monitoring
- interviewer reports
- review the date and time transmissions

# Current Position

- Data collection phase complete
- Good response rate
- Positive feedback for IT applications
  - ✓ Achieved better integration
  - ✓ Automation of tasks
  - ✓ Reduced support issues
- Plans to reuse applications for new household survey



# Any Questions?

