

Use of Electronic Devices for 2011 Population and Housing Census Data Collection

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12-15 March, 2019

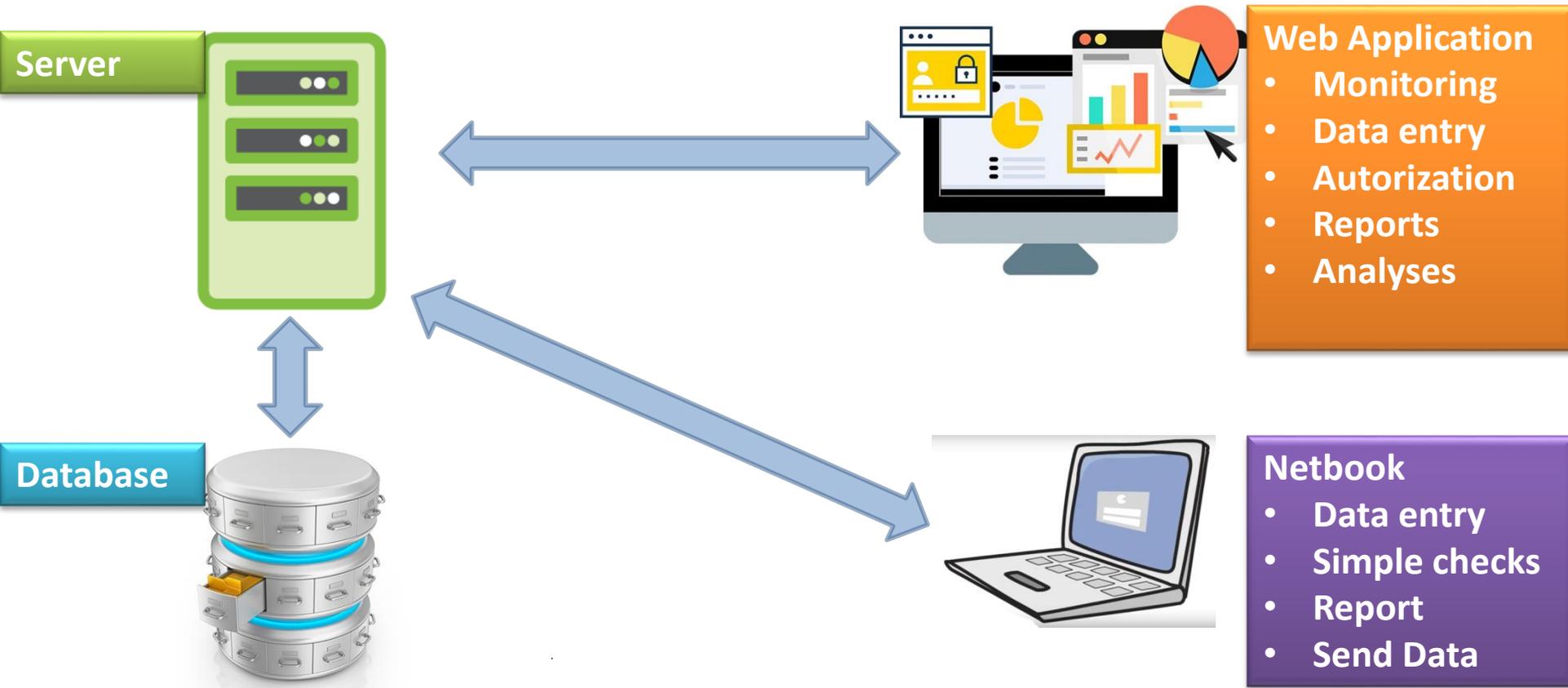
Ankara

2011 PHC Methodology

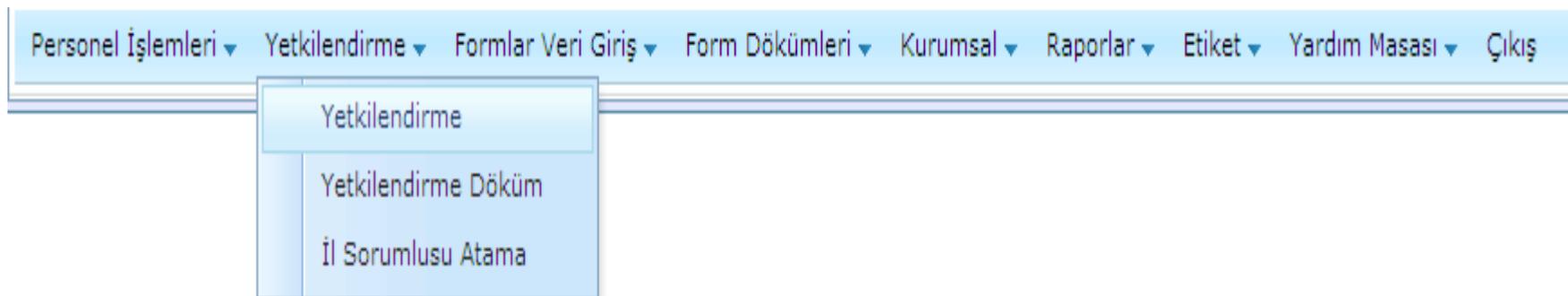
- The field application was carried out between 3 October-31 December 2011.
- About 2.2 million households
- Complete enumeration in institutional places.
- Information was collected face to face from about 9 million people during the field study.

	2000 PC	2011 PHC
Method	Traditional	Combined
Definition for population	De-facto	De-jure
Duration of field application	One day application with a national curfew	2-3 month
Questionnaire	Standard	Household + Institutional Places
Collection method	PAPI	PAPI and CAPI
Data entry	ICR	Online data transfer for CAPI, Web-based program for PAPI
# of staff	1 million	4.500

PHC Application Chart

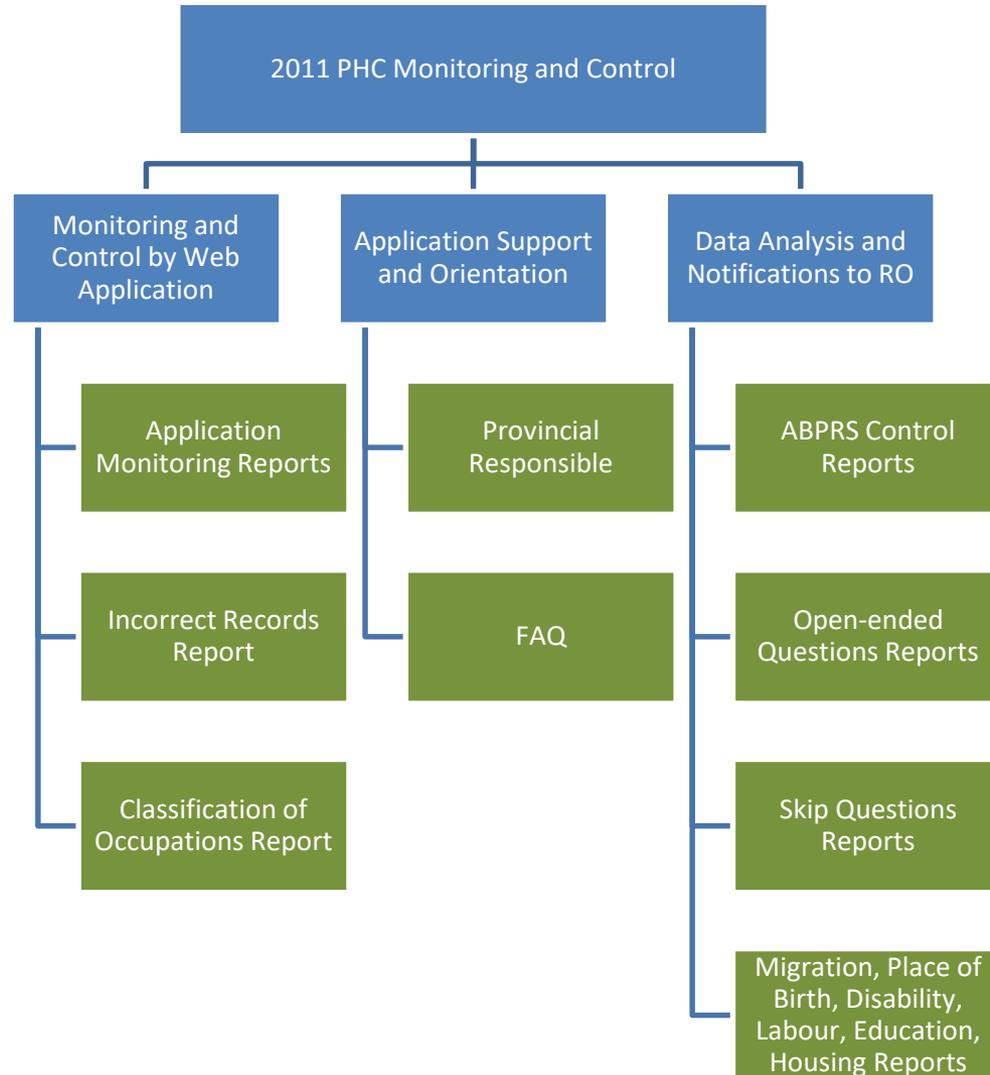


Web Application: Authority Identification Procedures

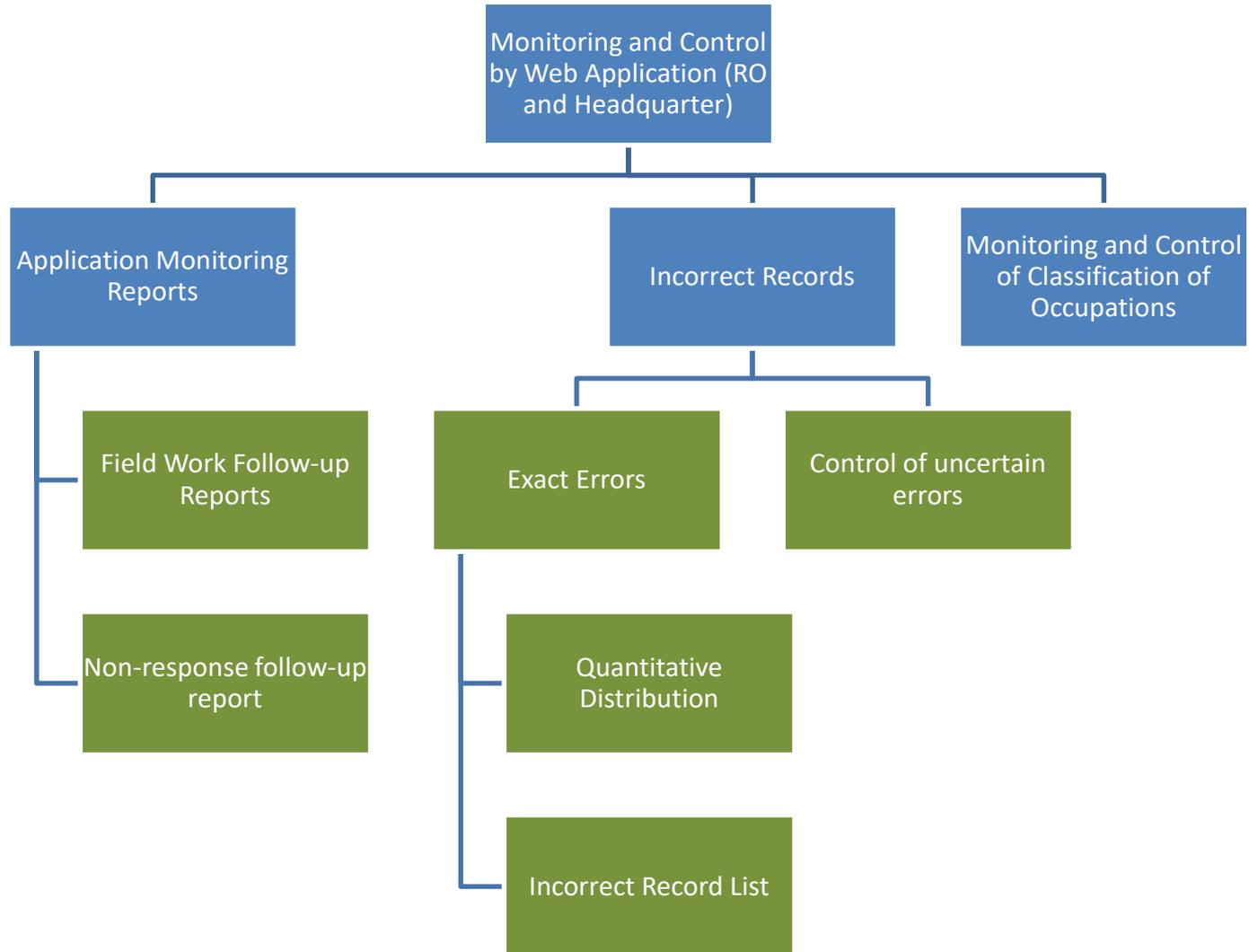


- ❑ Data entry and authorisation to any enumeration areas as an interviewer is carried out over the web application by the supervisor.

Web Based Monitoring And Controls



Web Based Monitoring And Controls

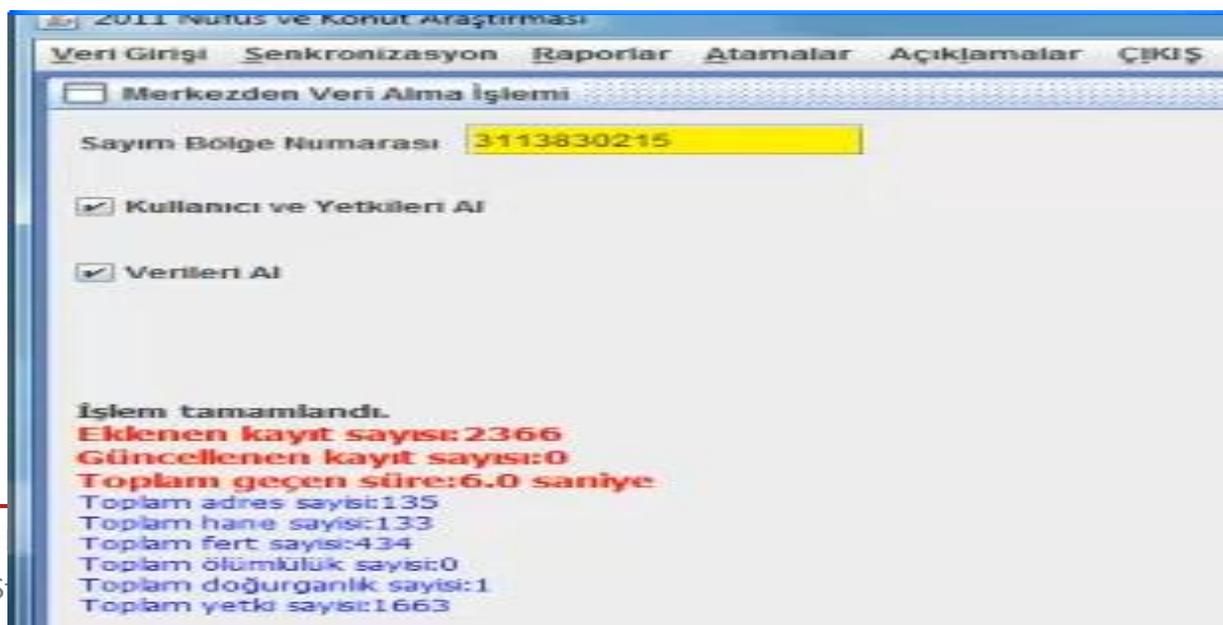


NETBOOK APPLICATION

Netbook Application: First Entry and Receiving Data

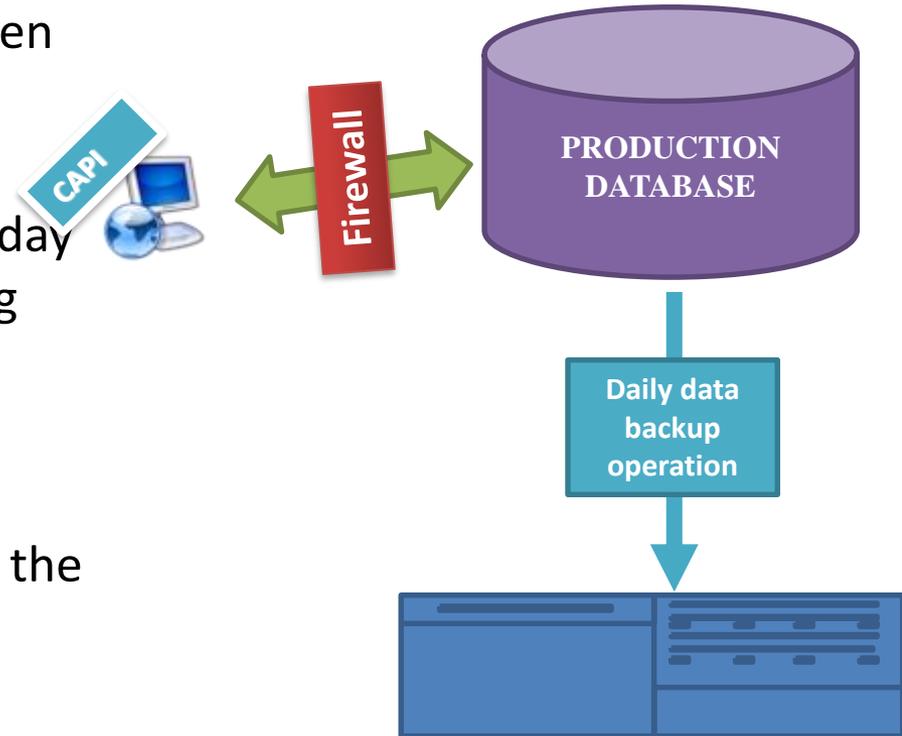
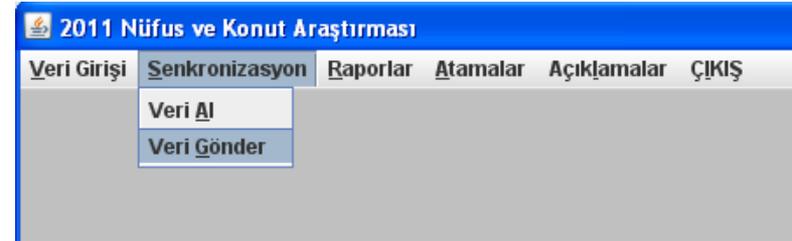
Right to access to the enumeration area is given via the web application.

- Interviewer log on to the netbook with username and password.
- By using **Get Data** option under the **Synch** menu, the user name, password and authority of the interviewer assigned to the enumeration area were stored in the netbook.
- If the request will be successful number of register , address , people dead and born can be seen as summary of this enumeration area.



Netbook Application: Sending Data

- ❑ During this process the computer must be connected to the internet.
- ❑ Only newly entered and updated data are sent. Record can be sent more than one during the day, but the last sent is taken as a backup.
- ❑ Since sending data is a burden on the system, it was useful to do this one a day like the end-of-day operation. Sending data will be turned off after 24:00 because of backup process.
- ❑ To be able for sending data the interviewer need to be authorized to the enumeration area.



Netbook Application: Consistency checks

- ❑ There was no independent transition over sections to avoid inter-relationship,
- ❑ Consistency control was applied to the application as much as possible,
- ❑ Nonetheless, inconsistencies that have been overlooked are detected in SAS reports and send to Regional Office.



Netbook Application: Reports

2011 Nüfus ve Konut Araştırması

Veri Girişi Senkronizasyon Raporlar Atamalar Açıklamalar ÇIKIŞ

Anketör İş Takip Raporu

Sayım Bölge Numaraları: 617460330 Raporu Görüntüle Kapat

İl Adı: ANKARA Mahalle/Köy Bağlısı Adı: BOĞAZIÇI
 İlçe Adı: MAMAK Örnek Sayım Bölge No: 617460330
 Bucak Adı: MERKEZ
 Belediye/Köy Adı: MAMAK BELEDİYESİ

Sayım Bölgesinde Bulunan

Toplam adres sayısı: 140
 ADNKS'ye göre kişi kayıtlı adres sayısı: 101

Anketörün Soru Kağıdı alan uygulaması sırasında

Yeni bulunan adres sayısı	ADNKS Kontrolü (Form B Kontrolü)		Sürekli ikamet eden kişilerin olduğu adres sayısı	Soru kağıdı uygulanan adres sayısı	Soru kağıdı uygulanmayan (cevapsız) adres sayısı	Form A3(*), Form C, Form D uygulamaları		
	ADNKS kontrolü yapılan adres sayısı	ADNKS kontrolü yapılmamış veya eksik (yarım bırakılmış) adres sayısı				Tamamlanan adres sayısı	Tekrar ziyaret (Kısmen tamamlanan adres sayısı)	Hiç işlem görmemiş adres sayısı
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
0	4	136	6	1	0	0	5	0

MANUEL DATA ANALYSIS

Data Analysis and Notifications to RO

- ABPRS (Form-b) Control Results
 - Responses To Open Ended Questions
 - Skip (Bypass) Questions
 - Migration Questions
 - Labor Force Status
 - Fertility Status
 - Mortality
 - Education
 - Chronic Disease And Quality Of Life Indicators
- ❑ Births, death, health,... data sent from field to the headquarter were **matched** with administrative records (ABPRS, social security records etc.) **for consistency control**; and statistically compared with the results of related surveys (LFS, health survey, disability survey) for coherence.
 - ❑ Generated analyses are sent to RO to be checked.

Summary

- ✓ Online data transfer
- ✓ Web based data transfer
- ✓ CAPI
- ✓ Online field application monitoring
- ✓ Several quality crosscheck

Time



Cost



Labor



Quality



Thank you for your attention !