

Data Collection in TurkStat During COVID-19

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Contents

Data Collection Process Before The pandemic

- ▶ TurkStat in Brief
- ▶ Data Collection at TurkStat

Data Collection Process With The pandemic

- ▶ Primal Measures Taken at TurkStat
- ▶ Effects On Data Collection

Lessons Learned

- ▶ Challenges or Opportunities ?

Data Collection Process Before The Pandemic

TurkStat in Brief

- ✓ TURKSTAT – central and regional organization
- ✓ 26 Regional offices – covering 81 cities
- ✓ ≈ 50 Surveys (monthly, quarterly, annually)
- ✓ ≈ 20 Surveys (conducted in periods of 2-3-4 years...)



Data Collection at TurkStat

- Harzemli Central Data Collection System designed and developed by Turkstat is the backbone of the data collection system.

Business Surveys



HARZEMLİ SYSTEM



Household Surveys



Data Collection at TurkStat (2020)

Data Collection Method	Surveys	Total Number
Computer Assisted Web Interview (CAWI)	45	509,737
Computer Assisted Personal Interview (CAPI)	18	227,133
Others (e-mail,web,etc)	6	36,750
(CAPI) + CATI	1	231,960
Computer Assisted Telephone Interview (CATI)	1	4,274
Total	71	1,009,854

Data Collection at TurkStat



Computer
Assisted
Web
Interview
(CAWI)

% 63



Computer
Assisted
Personal
Interview
(CAPI)

% 25



Computer
Assisted
Telephone
Interview
(CATI)

% 2



% 8

Data Collection at TurkStat

- ✓ Starting from 2013, the studies on using administrative registers were conducted especially in business statistics. Questionnaires have been replaced with declarations (administrative registers) from 2020 on.

Statistics	2017	2020
Industrial Turnover Index	~ 24.000 Questionnaires	2.2 million declarations used
Retail Sales Index	~ 1.600 Questionnaires	530.000 declaration used
Industrial Labour Input Index	~ 30.000 Questionnaires	2.2 million declaration used

Data Collection Process With The Pandemic

General Effects of COVID 19 Measures

- Lockdowns
- The non-essential activity of the economy was stopped or reduced
- Working Hour Regulations



Primal Measures Taken at TurkStat

Fieldwork

- CAPI fieldwork was stopped
- 600 sim cards were bought; (5000 min. free talk and 2GB free net) for the interviewers in the regional offices.(for 3 months)
- work shifts in both central office and regional offices
- % 90 of our staff telecommuting and work homeoffice

CATI

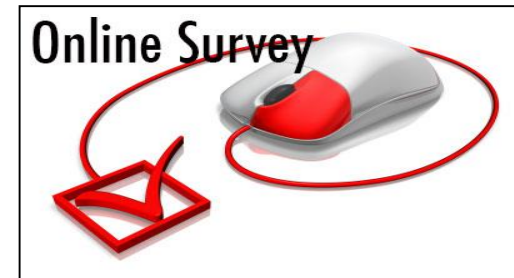
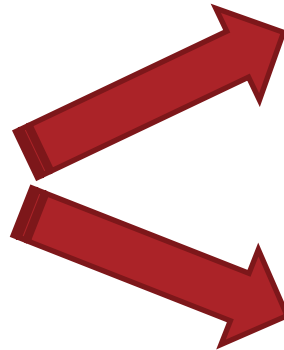
- CATI operators also work home office
- the regional offices also adopted and reorganized to our CATI System and software
- all the phone calls are still recorded and given quality scores.

Comm.

- a special assigned communication tool (1XY)
- announcement of the changes through informative letters and Respondent Information Module on TurkStat website
- SMSs and emails

Effects on Data Collection

CAPI  **CATI,CAWI**



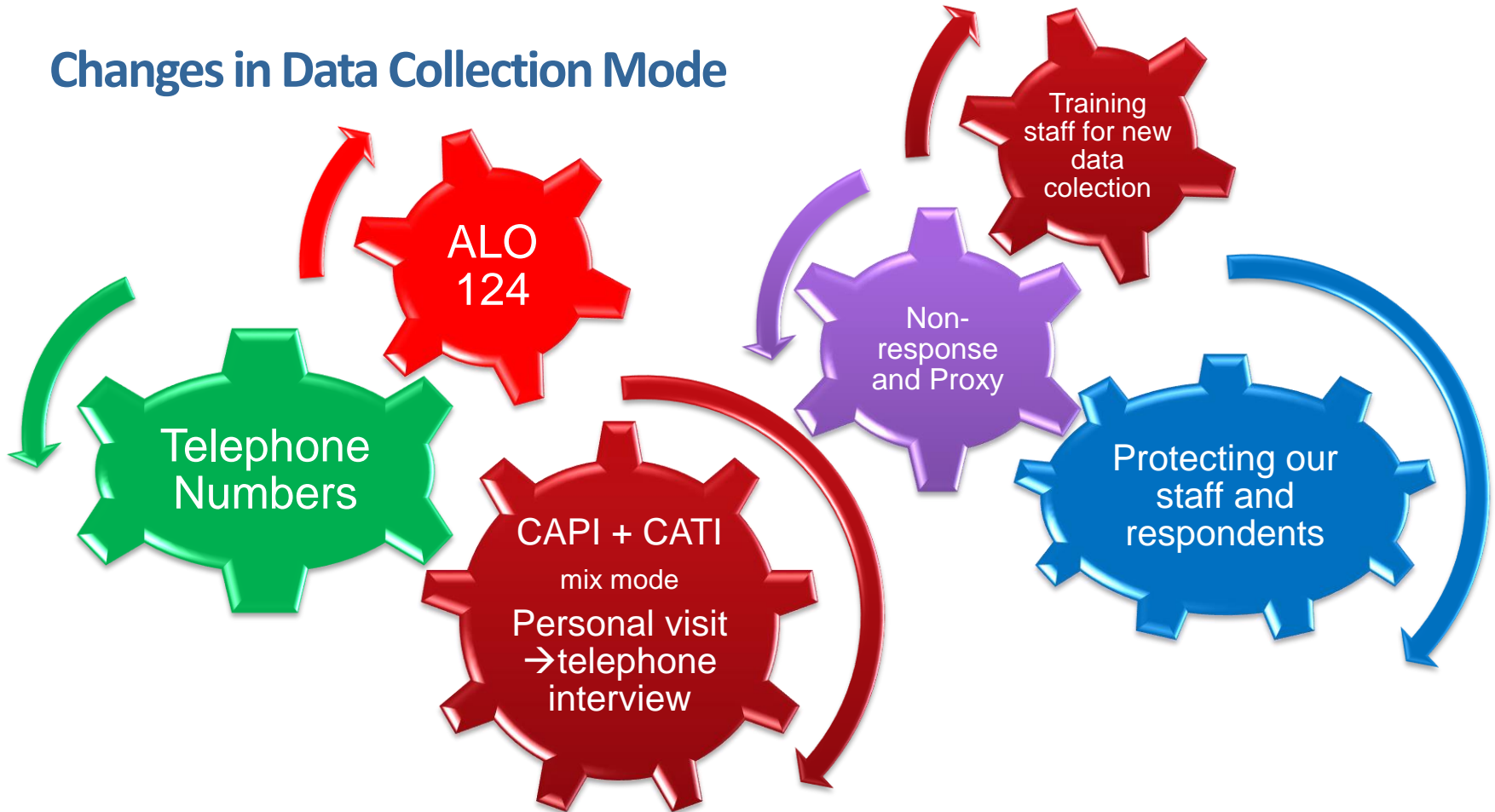
Effects on Data Collection

- ✓ ALO 124 CALL CENTER
- ✓ 30 operators
- ✓ inbound&outbound call



Effects on Data Collection

Changes in Data Collection Mode



Effects on Data Collection

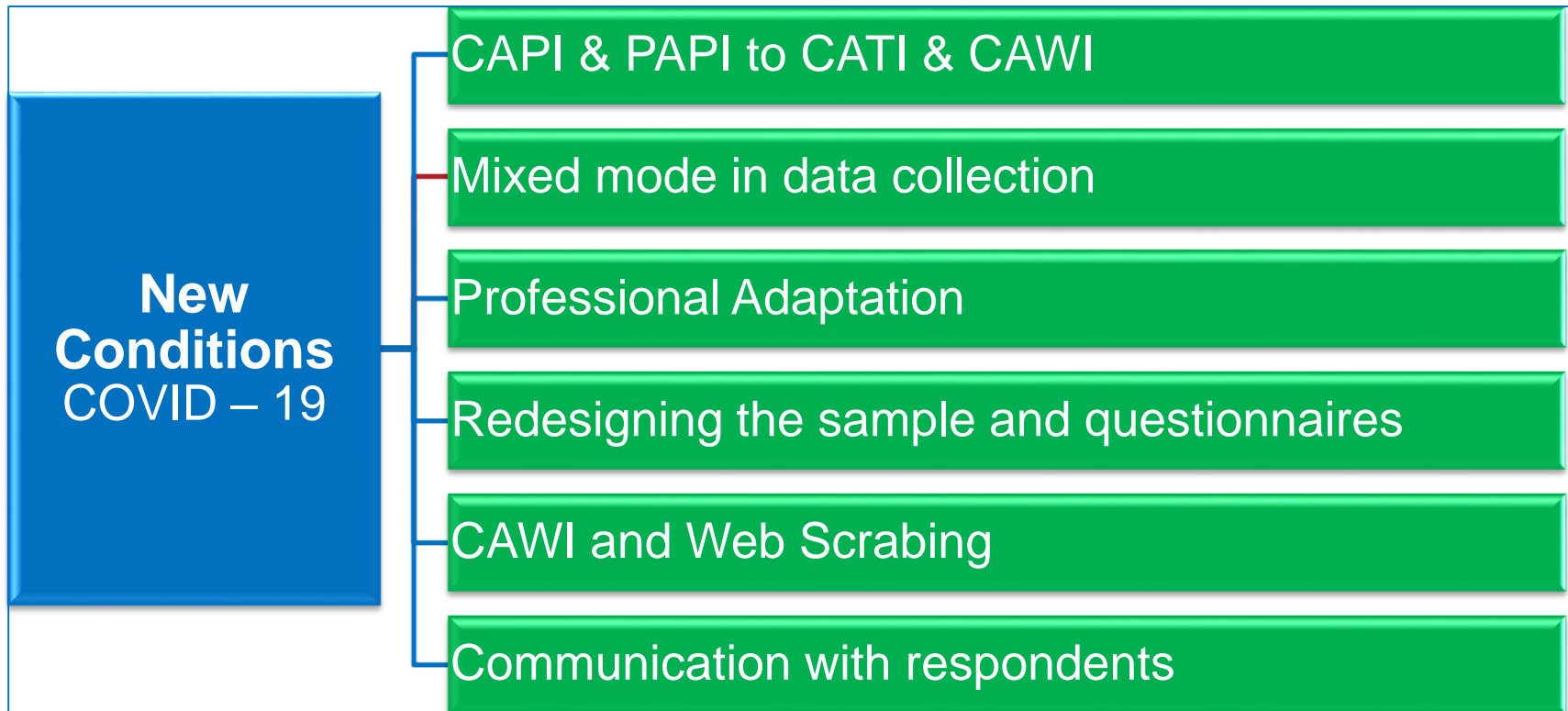
Surveys transferred CAPI to CATI because of COVID-19

Survey	Data Collection Method	New Data Collection Method	Total
Labour Force Survey	CAPI+ CATI	CATI	231,960
Consumer Tendency Survey	CAPI	CATI	58,608
Household Budget survey	CAPI	CAPI, CATI	15,552
Tourism Survey	CAPI	CATI	31,344
Survey Of Income and Living Conditions	CAPI	CATI	26,904
Survey on Information and Communication Technology Usage in Households	CAPI	CATI	16,010

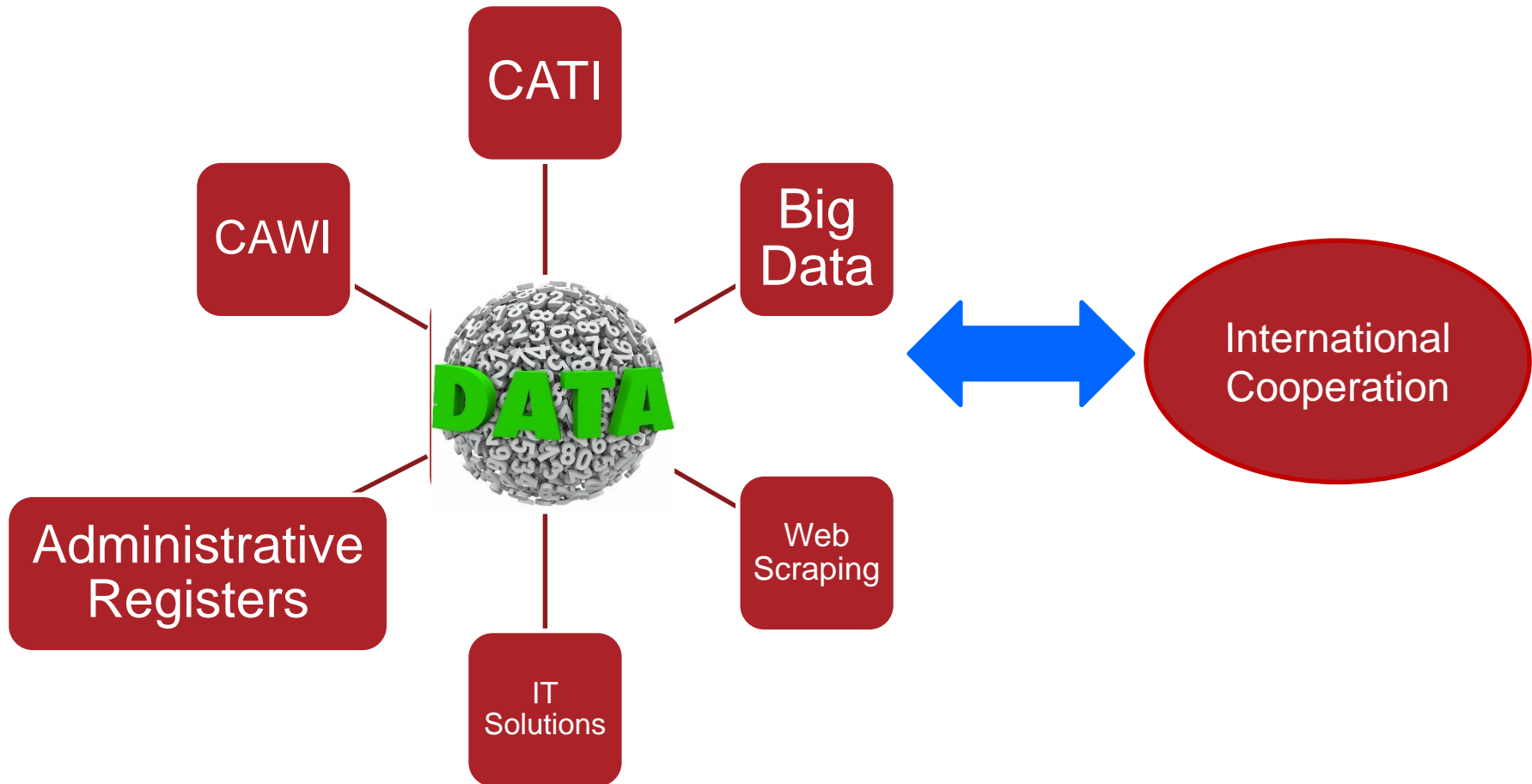
Lessons Learned

Challenges or Opportunities ?

Changes in Data Collection Content



Challenges or Opportunities ?



- ✓ Flexible & mix datacollection
- ✓ Technological infrastructure+ qualified staff
- ✓ Corporate vision and flexibility



Thank you for your attention!

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