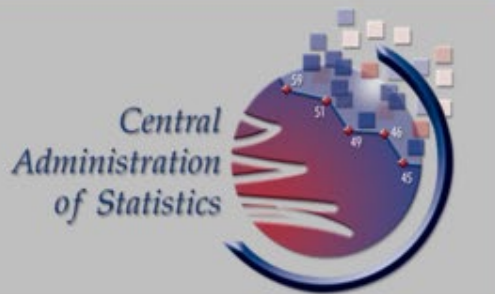


Lebanon's Experience in Energy Statistics

Supporting evidence-based policy-making through reliable and
timely energy data



Current Focus: Energy Supply Statistics

Overview of Lebanon's energy supply data sources and import reliance

Emphasize Lebanon's reliance on energy imports

Lebanon fully depends on energy imports with no national production except renewable energy sources, highlighting the supply side focus in energy statistics.

Utilize Ministry of Energy and Water data

Monthly petroleum product import data are collected from the Ministry of Energy and Water to monitor supply trends.

Incorporate renewable energy statistics from LCEC

Solar capacity and generation statistics are provided by the Lebanese Center for Energy Conservation (LCEC) to capture renewable energy contributions.

Analyze electricity data from Electricité du Liban

Monthly electricity production and sales data, disaggregated by plant type, are sourced from Electricité du Liban (EDL) for detailed supply analysis.

Challenges in Demand-Side Statistics

Addressing limitations in household energy consumption data collection and insights

01



Limited regular surveys capture energy consumption behavior

A major challenge is the scarcity of frequent surveys that effectively record household energy consumption patterns.

02



CAS uses MICS 6 Survey for household energy indicators

The Multiple Indicator Cluster Survey (MICS 6) collects data on access to electricity, main lighting sources, and types of cooking fuels used by households.

03



MICS 6 Survey faces data release delays and incomplete coverage

Data dissemination was postponed due to war conditions, and the survey does not cover all regions comprehensively.

04



MICS 6 provides valuable early insights despite limitations

Despite its constraints, the survey offers important preliminary information on household energy use and renewable energy reliance.

Future Directions and Strategic Plans

Key initiatives supporting Lebanon's energy data and climate policy integration

01

Technical assistance for energy estimations

CAS seeks support to develop approximate energy use estimations and build survey capacity

02

Collaboration with ESCWA on solar energy

Joint project focused on mapping and monitoring access to solar energy resources

03

Supporting climate policy formulation

Initiative aims to provide data for climate policy and socio-economic planning efforts

04

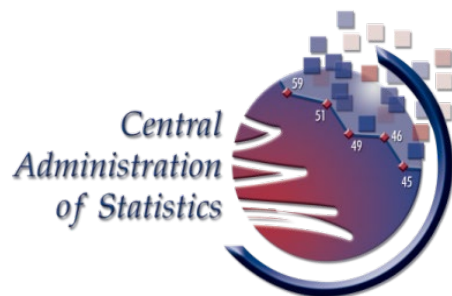
Integrating renewable energy data

Emphasis on incorporating renewable energy consumption patterns into national energy profiles



Support Lebanon's efforts to enhance energy data quality and collaboration

Strengthening Lebanon's energy data for sustainable development and resilience



Thank you

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