

Improving User Experience through Simplicity

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UNECE Data Dissemination Workshop Geneva, Switzerland June 2017



How do you define the User Experience?



Data Reliability

Data is sufficiently complete and e convincing for its purpose and cor

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Visual Design

VD focuses on the aesthetics of a site and its related materials by strategically implementing images, colors, fonts, and other elements

Informati



User Experience

Encompasses all aspects of user's interaction with the com its services, and its products UX focuses on the user and journey through the product

IA is the structural design of shared information environments; the art and science of organizing and labelling websites, intranets, online communities and software to support usability and findability

Findability Re Dat

The ease with which information contained on a for service website can be found. 0.1 s.: th

```
~2.0 s.: 1
```

~10 s.: the limit for keeping the user's attention focused on the dialogue

d visual elements u use to interact

request

Increased performance: new algorithms, additional indexes











Is the ILOSTAT website easy to use?

STATEMENT		\odot	8	8
Easy to use the data provided in Excel format	0%	69%	25%	6%
Easy to use the data provided in csv format	0%	50%	19%	13%
Easy to download the data I was looking for	6%	56%	13%	25%
Easy to find the data that I was looking for	6%	31%	44%	19%
Easy to navigate through the website	6%	25%	56%	13%
Easy to understand the different datasets	0%	25%	69%	6%



1.Faster overall performance**2.Simpler** navigation**3.More** data



How can I be fast, faster, fastest.....

- Improved data query for efficiency
- Proper database indexing
- Use Oracle result cache
- Eliminate unnecessary and redundant client/server round-trip

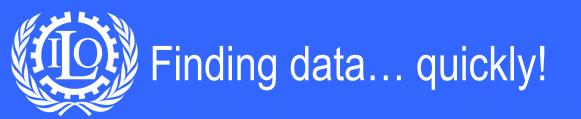


Technical Constraints

- Infrastructure
 - Oracle stack
 - Web Portal
 - ADF
- Compatibility of versions and patches



HOME	DOWNLOAD	METADATA
 Quick access to tables and tools Key indicators Browse Data Tools 	 Customized Bulk 	 Glossary Indicator Descriptions Resolutions Manuals



- Key Indicators of the Labour Market (KILM)
 - Most popular tables
 - 1-click to download (Excel) or view (online)
 - Simplified tables
 - Latest figures for best source only and aggregated breakdowns
- Browse
 - Select a subject to find an indicator
 - Customize report as needed
 - More download choices
- Data Tools



International _abour Organization

Home Download

Metadata

Key Indicators of the Labour Market (KILM)

- X Q Labour force participation rate*
- X Q Employment-to-population ratio*
- X Q Status in employment*
- **X** Q Employment by sector*
- **X** Q Employment by occupation*
- **X Q** Employment by education
- X Q Hours of work
- * ILO modeled estimates

- **X Q** Informal economy **X** Q Unemployment rate*
- X Q Youth NEET rate
- X Q Time-related underemployment
- **X Q** Earnings
- X Q Labour costs
- X Q Labour productivity*

- X Q Employment by economic class*
- **X** Q Industrial relations
- X Q Labour market projections*
- **X** Q Wage growth by region*
- X Q Global and regional indicators*
- **X** Q Quarterly indicators

Data Tools

Excel Add-In







Country Profiles



Country Profiles Mobile App



SDMX API 🚸 sdmx

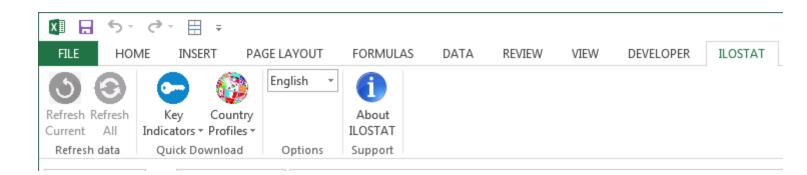
Browse Indicators by Subject Annual Quarterly Monthly ILO modeled estimates Population and labour force Employment Unemployment and labour underutilization H Youth Working time Earnings and labour cost E Labour productivity Social protection Safety and health at work Industrial relations Labour migration E Consumer prices

Multiple Indicator Report (MIR)

- Used for KILM tables
- Flexible report design
 - Combine multiple indicators
 - Select display of information in rows or columns
 - Select defaults:
 - Countries / regions
 - Classifications or items \rightarrow typically selected more aggregated
 - Source types
 - And whether to show all or «best» source only for each country
 - Frequency and time span
- View key figures with defaults pre-selected
 - Customize for details



- Download data directly in Excel
- 1-click download of tables
 - KILM table
 - Country Profile
- Click to refresh data already downloaded
- Forthcoming: Browse indicators by subject





Find tables



Download tables

Add labels

Store on disk

Query, download, manipulate and visualize data in reproducible manner

Beta version on https://github.com/ilostat/ilostat



Behind the scenes: More and Better Data

- Continually improving data collection mechanisms to improve response rates
- Data and metadata cleaning
 - Including removing unnecessary metadata from data collection
- Calculations in batch
 - Aggregations (eg, 5-year to 10-year age bands)
- Harmonization
 - Adjusting local currency to common currency
 - Microdata processing (following international definitions)
 - ILO estimates: imputations for missing and not comparable data



- Portal is quick for static contents, but hard to customize
- Heavy infrastructure and maintenance cost
- Responsiveness
- Search Engine Optimisation (SEO)
- Usage statistics (<u>http://www.ilo.org/dyn/ilostat/f?p=45137:112</u>)



ILOSTAT

the world's leading source on labour statistics