Introduction to the Social Security Inquiry (SSI) | A Guided tour

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Introduction to the Social Security Inquiry Outline

- SSI main objective and rational
- The database as a central point for integration
- Where? Countries covered
- What? Scope
- How? Data collection
- How? Data dissemination
- Overview of the database
- ... and the guided tour:
 - Screen shots
- Next steps: under development and already planned
- What should be planned?

ILO Social Security Inquiry Main objective

Collect, store and disseminate, on a regular and sustainable basis, comparable statistics on social security systems/programs financing, expenditure, benefit levels and coverage.

Collected information should:

- Allow the calculation of indicators for specific social security schemes, and some aggregated indicators at national level for as many countries as possible.
- Constitute a basis for analysis within the framework of studies and research work.
- Contribute (partially) to the realization of the SPERs and other elements of the diagnostic that are needed for policy formulation
- Be accessible to internal and external users

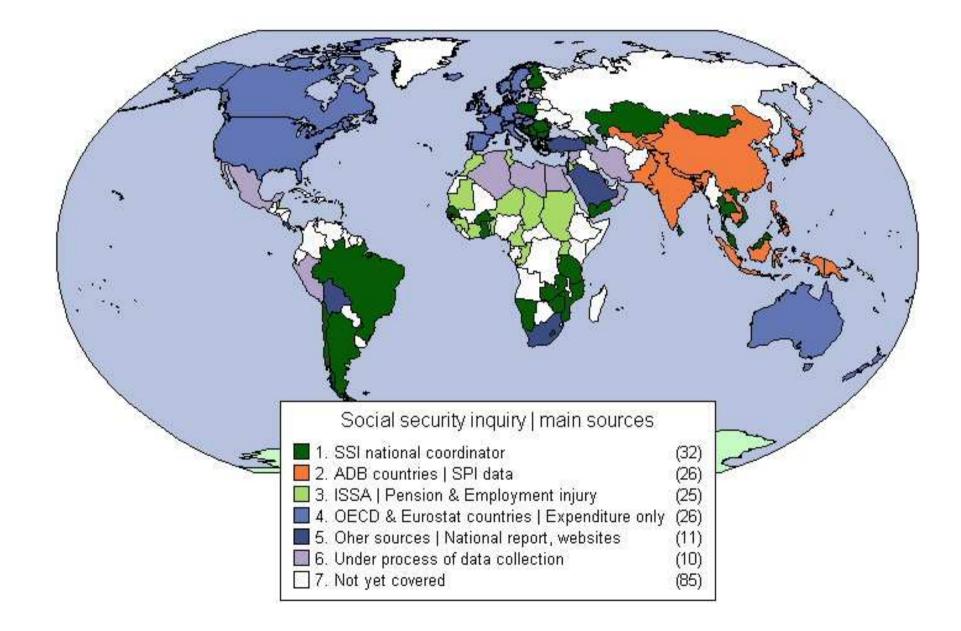
The ILO Social Security Inquiry: Rational

- Address the lack of (comparable) social security statistics outside the OECD world
- Follow-up to the ILO Inquiry into the Cost of Social Security, yet broader focus
- Systematic approach compatible with existing statistical standards (Methodological framework based on ESSPROS and OECD)
- Improve statistical knowledge base on social security on the national and international level
- Part of integrated approach of capacity building and awareness raising

The Social Security Inquiry: The database: central point for integration

- The central point for integration of part of more specific departmental databases (micro insurance, actuarial activities, textual social security information)
- Aimed at becoming a Common Database (non ILO « limited »)
- Significant expansion in the last two years
 - Inclusion of ISSA International social security association countries | <u>More</u>
 - Inclusion of data collected by ADB for the SPI project
 - Insertion of OECD data on social protection expenditure
- At present, nearly 100 countries ... with "some" data
 - Mainly low and medium income countries
 - More data on expenditure | Less on coverage & benefit level

Point 2 | Geographical extension



Scope of the Inquiry

- Includes data on:
 - Expenditure and revenue at national level and scheme level
 - Coverage and benefit levels
 - Some background information
- **Covers both formal and informal schemes** (including micro-insurance schemes)

• Functions covered

- The contingencies, risks and needs covered encompass those classified in ILO Convention No. 102 and ILO Recommendations Nos. 67 and 69 namely:
 - Old age; disability; survivors; sickness and health; unemployment; employment injury & occupational disease; family/children, maternity.
- Supplemented by those encompassed in the wider definition of social protection namely:
 - Housing; Basic education, other income support and assistance (n.e.c.) /social exclusion.
- Labour market programmes function has also been added to facilitate the correspondence between OECD-SSI and ADB-SSI

Data collection: Several options

- Several options to fill the database
 - **Option 1:** Data collection at the country level:
 - The ideal case: direct entry online by the national institutions ...
 - Ministry of Finance: expenditure and financing on the national level, economic background information
 - Ministry of Labour, Health, etc.: Scheme inventory, socio-economic background information
 - **Social security schemes**: Scheme expenditure and financing, beneficiaries and protected persons, benefit levels
 - The reality: a national coordinator and hard work of identifying schemes and looking for information
 - Option 2: Inserting data from other sources and promoting the use of the social security inquiry tool by other organisations
 - Option 3: Import of existing data at international level: Developing functionalities to import data from existing sources, such as ESSPROS, SOCX, Population, Employment
- **Type of data**: Mainly administrative data

Data dissemination

- Differentiated access to the database
 - Consultation versus edit mode
 - Access to scheme information versus aggregated information
- Data can be disseminated depending on countries' preferences
 - National aggregates
 - Data aggregated by functions or groups of schemes
- Set of core indicators (automatic calculation from raw data)
 - Expenditure and financing
 - Coverage: beneficiaries and protected persons
 - ... and principle of Free public access to core indicators (aggregates)

Structure of the SSI Different levels of information and different sources of information

Background information - Population data - Employment data Inventory of social security schemesBackground information - GDP, Exchange rate, etc.Inventory of social security schemesSocial Security expenditure Social Security revenueScheme 1 Online data entry at scheme levelScheme 2 Online data entry at scheme levelScheme 2 online data entry at scheme levelScheme 2 online data entry at scheme level	y of Finances al institute of statistics			 Ministry in charge o protection National institute of 	National Level
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Online data input: main page levels of information



National level

- What?
 - Economic & financial information
 - Population
 - Employment
 - Poverty section to be developed

• Sources

- International data sources (automatic insertion)
- National sources

Scheme level Core data in SSI National | scheme data Data entry online Automatic calculation of indicators

National level Financial background information

 GDP, inflation and exchange rate A Sources: World bank for international data, otherwise national data

 Social expenditure and Social Revenue in IMF/GFS standards (1986 and 2001)

Sources: IMF for international data (loaded) otherwise national data

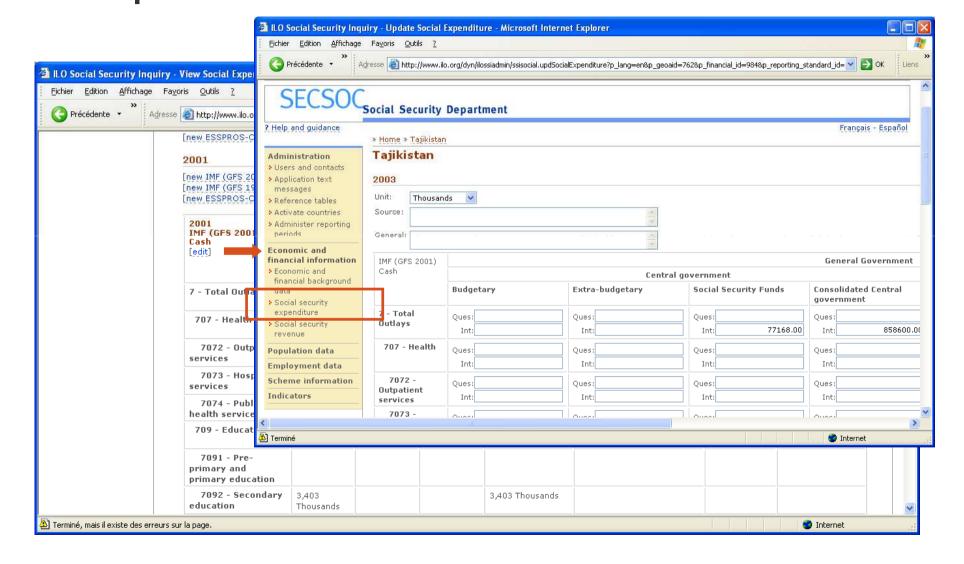
 Aggregated social protection expenditure in **EUROSTAT/ESSPROS** standard

> A Sources: SOCX and ESSPROS databases, otherwise national data

National level Economic & Financial background information - Uzbekistan [@]

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National level Social security expenditure - Tajikistan [@]



National level - Other background data: Population and employment data

- Background data:
 - **Demographics**: population data by:
 - Sex
 - Age range
 - ≁ Urban | Rural
 - Sources: UN population data for international data; otherwise national data
 - Labour force, employment & unemployment by
 - Sex
 - Age range
 - Status in employment (for employed)
 - Sources: ILO Laborsta for international data, otherwise national data
 - Earnings, poverty line and poverty rates [not yet developed in the software online but will be]

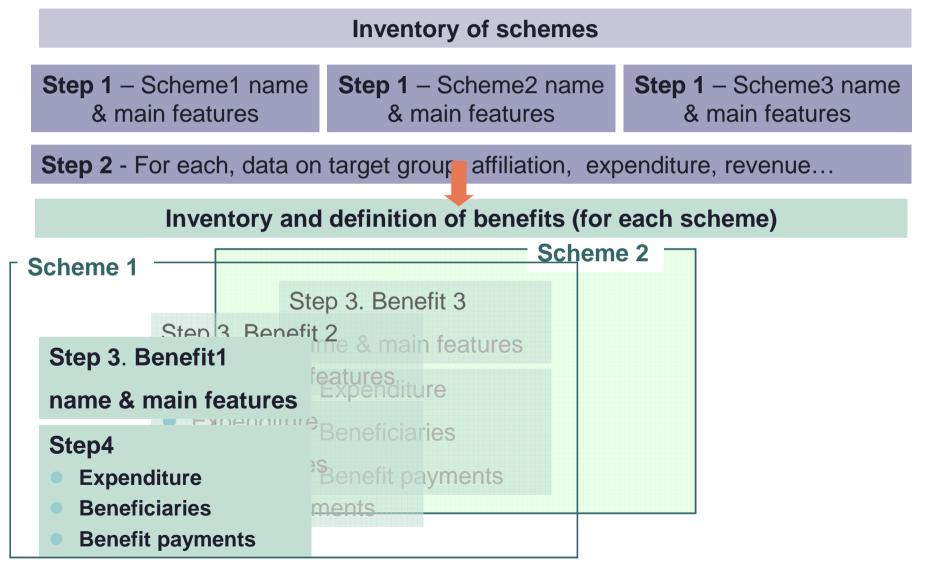
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Information collected at schemes/programmes level



Information collected at schemes/programmes level

- Inventory of social security schemes and
- Step 1 Definition of each scheme
 - **Name** in English and national language
 - Type of scheme:
 - Provident fund schemes
 - Defined contribution schemes
 - Defined benefit schemes
 - Contributory | non contributory
 - Private | public
 - If public, level of government
 - National, regional or local level

Inventory of schemes Laos [@]

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Administer reporting	All Micro Finance Programs [INGO/NPA/State Banks]				
periods	Amputees Insurance Fund [SASS]			Partially contributory	Central government
Economic and financial information > Economic and	Assistance to Food Insecure Households (Livelihood Stocks)			Non contributory	gereinnent
financial background data	Children's Allowance [SASS]			Partially contributory	Central government
 Social security expenditure Social security 	Community Based Health Insurance [MOPH]		Defined Contribution Scheme	Fully contributory	
revenue	Educational Scholarship [MOE]			Non contributory	
Population data	Food Allowance for Primary school Children [MOE]			Non contributory	
Employment data	Food for Work [World Vision]			Non contributory	
Scheme information	Funeral Allowance for Civil Servants [SASS]			Partially contributory	Central government
Indicators	Health Care Insurance for Civil Servants			Partially contributory	Central government
	Health Insurance Fund for private sector employees [SOS]		Defined Contribution Scheme	Fully contributory	

Step 1 – Scheme level Define the scheme [edit mode] [@]

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Step 2 – Scheme level General info & inventory of benefits

General information at scheme level

- Target groups [... will be further developed]
 - Civil servants, employees, self-employed, ... other
- No. of affiliated members, active contributors & Avg. gross earnings
- Expenditure at the scheme level
 - Benefits (cash, in kind, rerouted social contributions), Administration cost, Transfers to other schemes, Other expenditure
- Revenue at the scheme level
 - Social contributions (employers, employees/protected) persons, rerouted contributions); General government contributions (earmarked taxes, general revenue); Transfers from other schemes; Other receipts
- **Benefits inventory**

Step 2 – General info & inventory of benefits – Chinese Taipei [@]

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Step 3 – Scheme level Define benefits

- Inventory of benefits
- Definition of each benefit
 - Name of the benefit in English and in national language

• Function covered:	ך Mandatory info
Old Age	Survivors
Sickness and Health	Maternity
Employment Injury	Unemployment
Disability	Family and Children
🐢 Labour market Programme	Housing
Basic Education	Other income support / assistance.

- **Category**: Basic | Supplementary
- **Frequency**: Periodic, one off, ad-hoc
- **Benefit type**: Cash, in kind, re-routed contribution
- **Beneficiaries**: Individuals | Households

Mandatory info -

• **Means tested**: Means-test, no means-test, partially means-test

Step 4 – Information at benefit level

• Expenditure associated to the benefit

- Guaranteed minimum: Yes | No
- Average benefit and periodicity (Annual, Daily, Monthly)
- Total expenditure
- Unit
- Data quality
- Number of beneficiaries
 - Stocks of beneficiaries at a given moment (i.e. end of reporting period)
 - By sex and age group (0-14, 15-64, 65+)
- Average benefit levels
 - Average benefit in payment at a given date (i.e. in December each year)
 - By sex and age group (0-14, 15-64, 65+)

Step 3 – Definition of benefit – Chinese Taipei [@]

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Social security expenditure	Benefit type	Cash	data > Social security expenditure > Social security	Beneficiaries Means-test	Total Individuals No means-test		
Social security revenue	Beneficiaries	Total In	Population data	General remarks	National Statistics Bureau		
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heme information	save changes	;cance		Total expenditure Data quality General remarks	148,565 Millions Reliable		
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Step 4 – Information at benefit level – Chinese Taipei

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	Beneficiaries by grou	р	Administration		01 Jan 2005 - 31 Dec 2005	
	01 Jan 2006 - 31 Dec 20	106[edit]	 Application text messages Reference tables 	Old age		
	No beneficiaries have been		> Activate countries	Unit	Units	
	No belieficialies have been		Administer reporting periods	Source remarks	National Statistics Bureau	
	01 Jan 2005 - 31 Dec 20	105[edit]	Economic and financial information			× ×
	0-14	0 Units	 Economic and financial background 	Group	Number of persons or households	General remarks
	0-14, Female	0 Units	data > Social security	0-14	0	
	0-14, Male	0 Units	expenditure > Social security	0-14, Female	0	
	15-64	128,150 Units		0-14, Male	0	
	15-64, Female	58,645 Units	Population data Employment data	15-64	128150	
	15-64, Male	69,505 Units	Scheme information	15-64, Female	58645	
	65 and over	27,001 Units	Indicators	15-64, Male	69505	
	65 and over, Female	12,227 Units		65 and over	27001	
	65 and over, Male	14,774 Units		65 and over, Female	12227	
	Total Individuals	155,151 Units	5	65 and over, Male	14774	
	Total Individuals, Female	70,872 Units	-	Households		
	Total Individuals, Male	84,279 Units	-	Total Individuals	155151	
				Total Individuals, Female	70872	
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	15-64	97,894 Units				-

Step 5 - Indicators Systematic calculation of a set of indicators

Expenditure indicators

- Total social security expenditure in percentage of GDP total public expenditure
 - From national level data (international sources and national sources)
 - From the aggregation of expenditure at scheme level
- Total social expenditure by function
- To be developed
 - Expenditure in kind | in cash, Expenditure by private scheme | public scheme, Etc.

Coverage indicators by function

- Protection indicators (contributors and affiliated)
- Recepients indicators (beneficiaries)

Benefit indicators

Average benefit by function compared to GDP per capita

Point 2 | Indicators consultation lay-out [1]

Total social expenditure in percentage of GDP | from scheme data

Application text messages Reference tables Activate countries Make countries Make countries Administer reporting periods Conomic and financial background data Social security expenditure Social security revenue	International Labour Organization Frençeis - Español SECSOC Social Security Department Frençeis - Español diministration Users and contacts Application texts Application texts Application texts Adviate countries Chinese Taipei - E-1b - Total social expenditure (from scheme questionnaires Chinese Taipei - E-1b - Total social expenditure (from scheme questionnaires Total 9.6% 10.2% 10.1% 10.4% Chinese Taipei - E-1b - Total social expenditure (from scheme questionnaires Total 9.6% 10.2% 10.1% 10.4% Vera 2000 2001 2002 2003 Chinese Taipei - E-1b - Total social expenditure (from scheme questionnaires Total 9.6% 10.2% 10.1% 10.4% Vera 2000 2001 2002 2003 Chinese Taipei - E-1b - Total social expenditure (from scheme questionnaires Total 9.6% 10.2% 10.1% 10.4% Numerator - Total social expenditure (LCUs) from scheme questionnaires Total 9.63,372,000,000 1,007,370,000,000 10,293,346,000,000 10,519,574,000,000 <t< th=""><th>😵 🔠 🕫 🛞 ILO Socia</th><th>al Security Inq</th><th>uiry 🛛 🛞 ILO Social S</th><th>ecurity Inquiry 🗙</th><th></th><th>-</th><th></th><th></th><th>S - 🖶 • 🖻</th><th>Page 👻 🔘 Outils 🤹</th><th>·</th></t<>	😵 🔠 🕫 🛞 ILO Socia	al Security Inq	uiry 🛛 🛞 ILO Social S	ecurity Inquiry 🗙		-			S - 🖶 • 🖻	Page 👻 🔘 Outils 🤹	·
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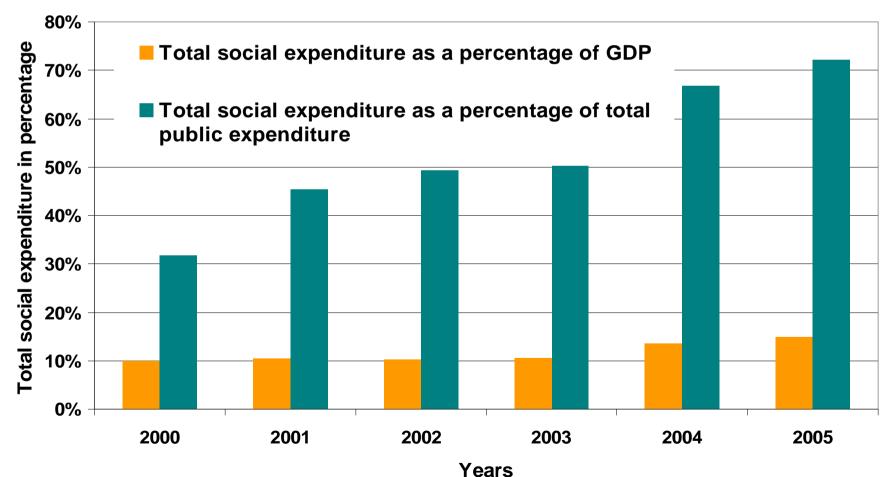
Point 2 | Indicators consultation lay-out [2]

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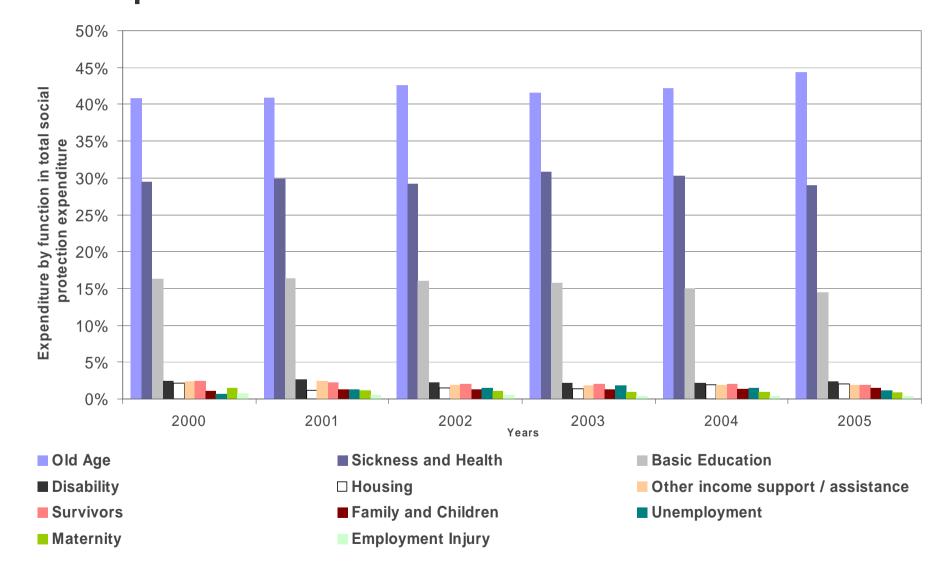
Indicators: Expenditure indicators – Chinese Taipei [@]

Chinese Taipei:

Total social expenditure in percentage of GDP and in percentage of total general government expenditure (aggregated data on expenditure from scheme)



Indicators: Expenditure by function - Chinese Taipei [@]



Indicators:Coverage indicators

- SSI presents 2 types of indicators at present
 - **Protection indicators:** This indicator reflects to what extent
 - The current working-age population (Affiliates or Contributors)
 - The current economically active population
 - The current employed population

is protected regarding the different functions (old age, maternity, disability, etc.)

Recipients indicators: Number of beneficiaries of a given function reported to either the old age population (for old age benefit); to the total population or to the working age population.

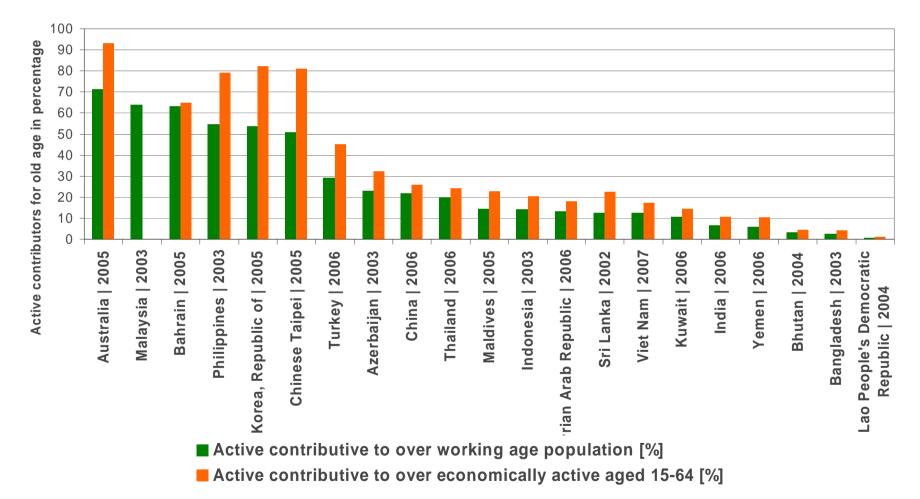
Basic principles of calculation (to be adapted)

- At present, Benefit function as main & only basis for calculation
- To avoid double counting, beneficiaries of so called "supplementary benefit" are not counted

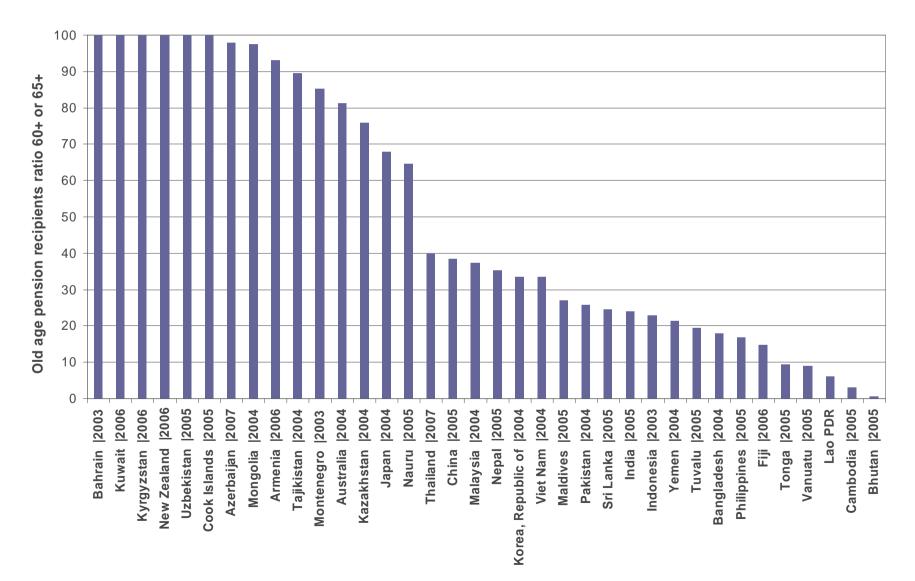
Some of the Missing indicators

- Some additional indicators reported to target groups
- Indicators covering all beneficiaries for any type of benefits cash or kind, periodic or ad hoc

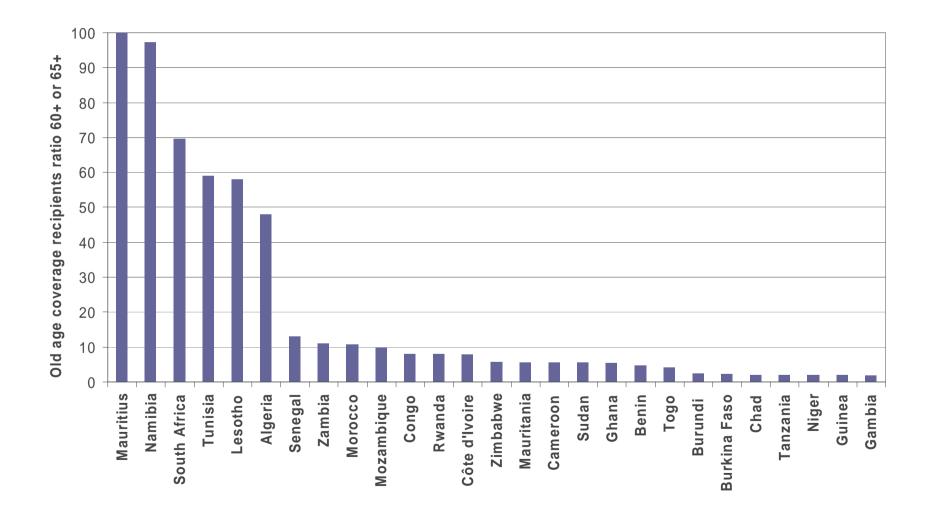
Point four | The ILO social security Old age demographic protection ratio | Old age-Active contributors



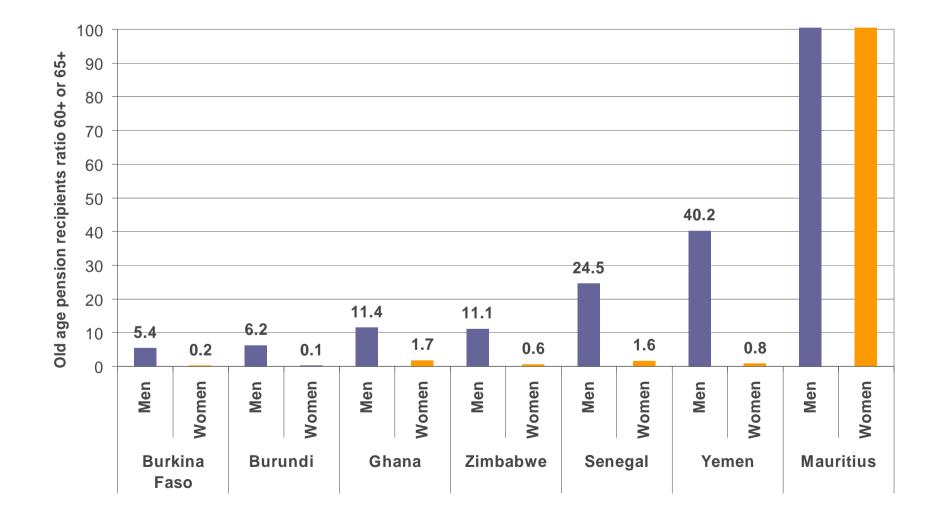
Point four | The ILO social security Asian countries - Old age pension recipient ratio 60+ (or 65+) | incl. mean-tested periodic benefit



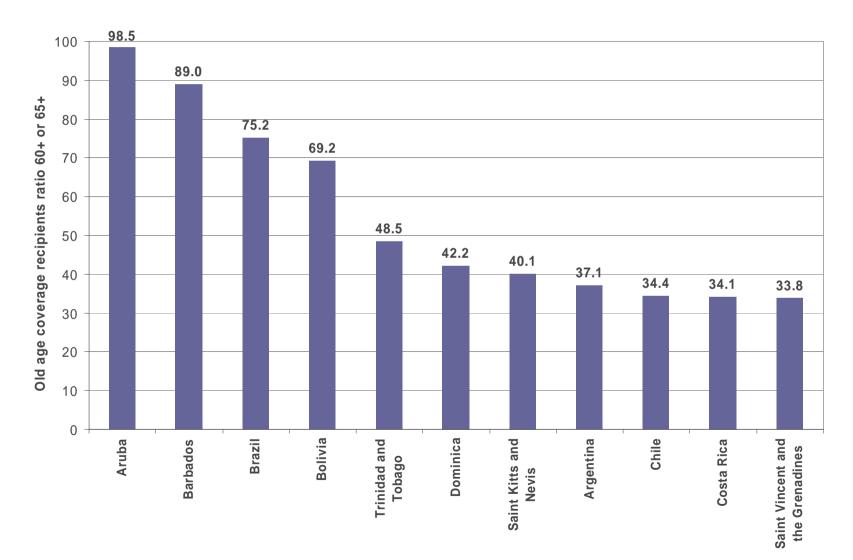
Point four | The ILO social security Africa - Old age pension recipient ratio 60+ (or 65+) | incl. mean-tested periodic benefit



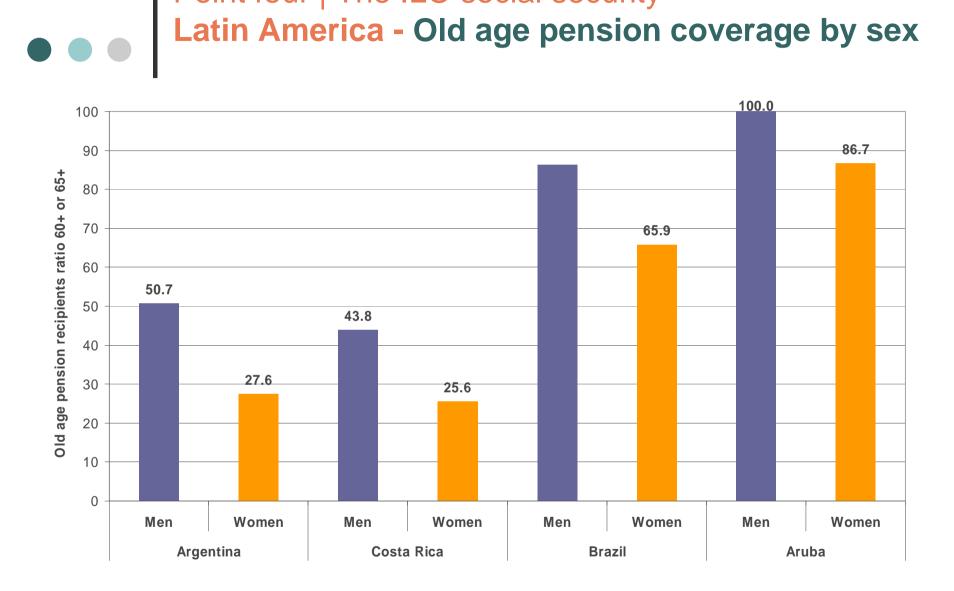
Point four | The ILO social security Africa - Old age pension coverage by sex



Point four | The ILO social security Latin America - Old age pension recipient ratio 60+ (or 65+) | incl. mean-tested periodic benefit

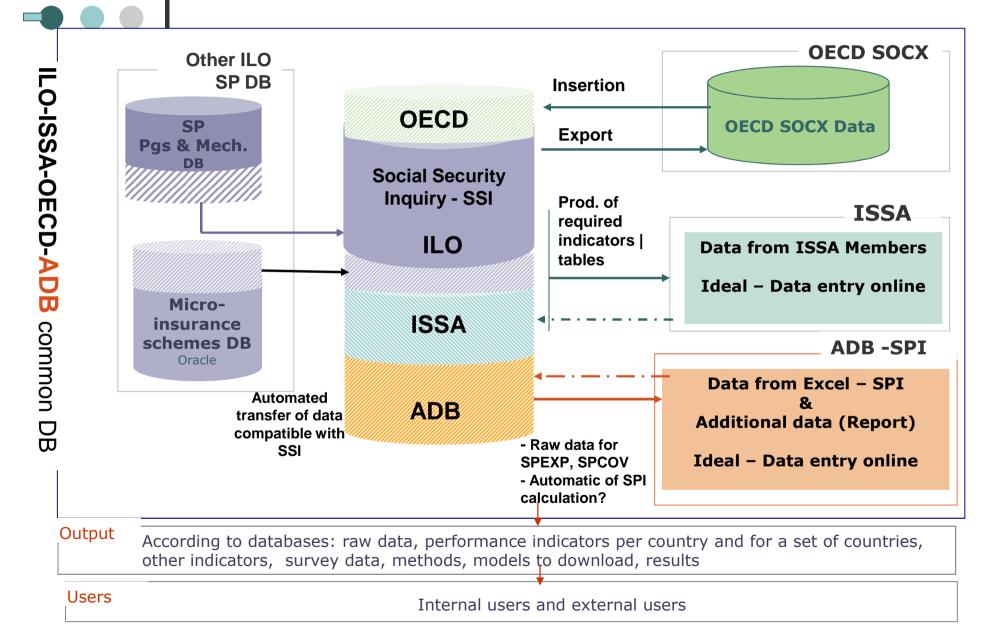


Point four | The ILO social security Latin America - Old age pension coverage by sex



Towards an ILO-ISSA-OECD-ADB SP DB

A centralized compilation and data spreading mode





- ILO social security inquiry
 http://www.ilo.org/dyn/ilossiadmin/ssimain.home?p_lang=en
- ISSA social security statistics database
 <u>http://www.issa.int/engl/homef.htm</u>
- Social Security Security Manual
 <u>http://www3.ilo.org/public/english/protection/secsoc/downloads/1123sp1.pdf</u>
- Micro-insurance scheme database
 http://www.ilo.org/gimi/
- Socio-economic security database

www.ilo.org.sesame

- Social security expenditure database (based on IMF, OECD, WHO data)
- Social security mechanisms and programmes database
- People security Household surveys



Merci.... Thank you 고마워요

