NTA Mexico

Iván Mejía Guevara
Carlos Galindo

CONSEJO NACIONAL DE POBLACIÓN
CEPAL/IDRC PROJECT

Honolulu, June 19 2008
Introduction
TFR, 1950-2050

Sharp fertility decline, total population still growing
Household Head

- Reported ones are older than economic HH

![Household Heads chart](chart.png)
Household Head

- Given population age distribution (young), HH rates are very different
Workers / Population

Age

National Transfer Accounts
LCD
LCD, Mexico 2004

Per Capita Public Consumption, Mexico, 2004
(Relative to 30-49 YL)

Mexican Pesos

Age

LND
Economic Dependency Rate

Economic Dependency Rate, Mexico, 1900-2050
(2004 Profile)
PULIC TRANSFERS
Public Transfers, Inflows

Public Transfers Inkind, Mexico, 2004

Age

Mexican Pesos

Total
Education
Health
Other
# Public Income

## Institutional

### Federal Government
- **Tributary**
  - ISR - income
  - IVA - consumption
  - IEPS
- Imports
- Owning a car
- ISAN – new car
- Other
  - **Non tributary**
    - Rights
    - Products
    - Fines, interests and other revenues
    - Improvements ?

### Public Enterprises
- Pemex (Oil)
- Other

### Other
- Oil – non Oil dependant

## Oil / non Oil

### Oil
- **Tributary**
  - ISR - income
  - IVA (VAT)
  - IEPS
  - Rights
  - Imports
- Specially for Pemex
- **Non Oil**

### Non Oil
- **Tributary**
  - IVA (VAT)
  - IEPS (Alcohol, Tobacco, Beverages)
- Imports
- Other

### Government
- Rights
- Products
- Fines, interests and other revenues
- Other

### Other Enterprises (without Pemex)

Source: HCP
Public Resources, Mexico 2006

Sources: HCP

<table>
<thead>
<tr>
<th>Sources</th>
<th>Uses</th>
<th>Uses</th>
<th>Uses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal Gov</td>
<td>Debt 20</td>
<td>Committed expenditure 566.6</td>
<td>Adefas 13.9</td>
</tr>
<tr>
<td>Public Enterprises</td>
<td>1,339.8</td>
<td>Unpledged expenditure 1,406.9</td>
<td>Financial cost 261.8</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>State &amp; local Gov. 638.4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Other Gov. Inst 42.9</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Public Enterprises 367.8</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Central Public Admin 648.7</td>
</tr>
</tbody>
</table>

Source: HCP
Oil and Non-Oil Budget Dependency

Source: SHCP

National Transfer Accounts
Distribution of Income Tax

Source: SHCP
Tax Revenue 2000 (% GDP)

Source: OECD, SHCP
Per capita GDP and Tax Revenue
OECD

Source: OECD, SHCP

National Transfer Accounts
Public Transfers, Outflows

Per Capita Public Transfers Outflows, Mexico, 2004
## Contribution of ISR and SSC by Income deciles

<table>
<thead>
<tr>
<th>Income decil</th>
<th>Contribution to Total ISR</th>
<th>Contribution to Total SSC</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>0.9</td>
<td>1.08</td>
</tr>
<tr>
<td>II</td>
<td>2.2</td>
<td>2.87</td>
</tr>
<tr>
<td>III</td>
<td>3.1</td>
<td>3.58</td>
</tr>
<tr>
<td>IV</td>
<td>4.2</td>
<td>4.83</td>
</tr>
<tr>
<td>V</td>
<td>5.6</td>
<td>5.73</td>
</tr>
<tr>
<td>VI</td>
<td>7</td>
<td>7.44</td>
</tr>
<tr>
<td>VII</td>
<td>9.1</td>
<td>9.48</td>
</tr>
<tr>
<td>VIII</td>
<td>11.4</td>
<td>11.6</td>
</tr>
<tr>
<td>IX</td>
<td>14.5</td>
<td>17.16</td>
</tr>
<tr>
<td>X</td>
<td>41.9</td>
<td>36.23</td>
</tr>
<tr>
<td>Tot</td>
<td>100</td>
<td>100</td>
</tr>
</tbody>
</table>

(2004 Mexican pesos)

Source: SHCP
Contribution of ISR and SSC by Income deciles

National Transfer Accounts
Public Transfers, Outflows

Public Transfers Indirect Taxes (VAT, IEPS), Mexico, 2004

- INDIRECT TAXES
- DIRECT TAXES
- OTHER TAXES
- SSC
- Total

Mexican Pesos

Age

1 6 11 16 21 26 31 36 41 46 51 56 61 66 71 76 81 86 91

N a t i o n a l  T r a n s f e r  A c c o u n t s
Cash Public Transfers

Per Capita Public Cash Transfers (inflows), Mexico, 2004

Mexican Pesos

Age
Net Public Transfers

Net Public Transfers, Mexico, 2004

- Inflows
- Outflows
- Net Transfers

Age

Mexican Pesos
DIVIDENDS
Dividend

MEXICO: Dividends 5-year step

- First: \( \frac{L}{N} \)
- Second: \( \frac{c_{\text{bar}}}{y_{\text{bar}}} - \frac{L}{N} \)
- Total: \( \frac{c_{\text{bar}}}{y_{\text{bar}}} \)

\[ \text{Tau}=0.5 \]
\[ \text{TG}=0.015 \]
\[ \text{AVD}=0.03 \]
\[ \text{AIR}=0.06 \]
Wealth

National Transfer Accounts
Thank You!