Ministerio de
Hacienda

## REPORT ON PUBLIC DEBT STATISTICS

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## I. Introduction

This report provides a systematized view of the statistics on assets and liabilities of the Central Government, the Central Bank and Government Companies. The figures correspond to the 12 months of each year from 1992 to 2011 and for provisional statistics of March 2011.

This information is the result of a joint effort of different institutions. For the Central Government, the sources are the General Comptroller of the Republic (CGR), the Treasury Service (TS) and the Budget Office (Dipres). The Central Bank has collaborated closely with the Ministry of Finance in providing figures on its financial assets and liabilities in the format required for this report. As of 2002, the Central Bank began to include in the notes to its balance sheets the details necessary to reconstruct the figures that are presented in this report. The information on government companies was obtained from the audited financial statements, while data on guaranteed debt of the rest of the public sector was provided by the Treasury Service. Statistics on recognition bonds were provided by the Social Security Institute (in Spanish, IPS), ex Social Security Normalization Institute (in Spanish, INP).

The study considers the methodological change of GDP accounting ( 2012 march), adopted by the Central Bank since 2003 figures. In this sense, the figures -as a percentage of GDP- not necessarily fit with former reports.

## II. Description

## II.1. Net Debt of the Central Government

At the end of March 2012, the gross debt of the Central Government totaled Ps. 13,656,581 million, equal to $10.5 \%$ of GDP, a nominal raise of Ps. 136,375 million compared with December 2010. Investments in financial assets totaled Ps. $24,146,136$ million in the same period, equal to $18.6 \%$ of GDP, which implies a decrease of 1.3 percentage points compared to December 2011.

Despite the increase of financial assets, the raise in in gross debt resulted in a decrease of the net creditor position of the Central Government of Ps. 42,082; reaching 8.1\% of GDP as of March 2012, which is low compared with $8.7 \%$ as of December 2011.

## II.2. Net Debt of the Central Bank of Chile

The Central Bank of Chile liabilities were equal to $14.0 \%$ of GDP as of March 2012, 3.1 percentage points less than December 2011. Central Bank assets were equal to $15.1 \%$ of GDP, with a decrease of 4.0 percentage points in comparison to December 2011.

The Central Bank recorded net liabilities of -Ps. 1,443,107 million as of March 2012 as measured in this report, going from $-2.0 \%$ in December 2011 to a $-1.1 \%$ of GDP at March 2012. This represents a 0.8 percentage points decrease.

## II.3. Consolidated Results

The consolidated gross debt of the Central Government and the Central Bank of Chile was equal to $23.3 \%$ of GDP as of September 2011, 4.1 percentage points less than it was at the end of 2011. The consolidated net creditor position as of December 2011 was equal to $9.2 \%$ of GDP, a decrease of Ps. 892,973 million compared to the end of 2011.

## II.4. Amortization Profile

The amortizations of consolidated debt of the Central Government and Central Bank present a regular path until 2019. The payments for 2013 will be Ps. 2,200,931 million, $94.4 \%$ corresponding to Central Bank debt. From 2014 to 2018, amortization will average Ps. 1,436,021 million per year, with Central Bank debt accounting for $44.84 \%$ of the total. Debt maturing from 2019 and after should average Ps. $4,698,246$ million per year, with $71.6 \%$ corresponding to Central Government debt, and $28.4 \%$ to Central Bank debt.

Amortizations for 2013 according denomination show that $20.4 \%$ of debt corresponds to dollar denominated, $72.3 \%$ to local inflation linked currency (UF), and residual to local currency debt.

Average amortizations between 2014 and 2018 are composed on average by $3.1 \%$ of abroad currency debt, and the residual in national currency debt or inflation link instrument debt. After 2018, amortizations are composed by $8.5 \%$ in local currency, $12.8 \%$ in dollars and the residual in indexed local currency (UF).

## II.5. Government Companies, Guaranteed Debt and Recognition Bonds

This report includes complementary information on the financial assets and liabilities of government companies, and on the stock of outstanding recognition bonds. These liabilities, assets and debt are different in nature from what is considered public debt, and in keeping with standard international practices, they are presented separately and are not consolidated with the statistics on the Central Government and Central Bank. In this manner, it supplements and enriches the available information without distorting it and facilitates international comparisons related to public indebtedness.

When debt indicators are relatively low, which is the case for a great majority of government companies, their indebtedness consists of liabilities that have been assumed based on the capital of each corporation. These liabilities are backed by investment projects under way that must be financed by future operating revenues without compromising public credit, except for debt under government guarantee, which is identified separately.

As of March 2012, Government Companies recorded a decrease in their liabilities. The gross debt of Government Companies was equal to $6.0 \%$ of GDP (Ps. 7,762,222 million), $0.8 \%$ lower than December 2011. At the same time, financial assets decrease Ps. 162,607million, reaching $0.9 \%$ of the GDP. The net debt of these companies was equal to $5.1 \%$ of the GDP.

In exceptional cases, when financial assets were not enough to guarantee the debt of government companies at a reasonable cost, the government has stepped in to guarantee part of the debt. Guaranteed debt for government companies reached $1.4 \%$ of GDP as of March 2011, or Ps. 1, 835,722 million, with $11.42 \%$ pertaining to Empresa de Ferrocarriles del Estado (the National Railroad Company), and $54.68 \%$ to Metro (the National Subway Company). Other important component of Guaranteed debt is the Superior Education funding, authorized by law (Law number 20,207), which
amounts Ps. 612,521 million, equivalent to $33.3 \%$ of total Guaranteed debt. Respect to the total of Guaranteed debt, $88.5 \%$ of this debt was issued locally and $11.4 \%$ in the external market.

Finally, recognition bonds represent a government liability owed to affiliates of the old pension system who changed to the new pension fund system (AFPs). Although this liability is of a different nature, future payments will be required and must be considered. As of March 2012 the stock of recognition bonds was equal to $3.6 \%$ of the GDP, in line with the downward trend begun in 1985 that is projected to continue over the coming years (see Appendix 4).

Assets and Liabilities of the Central Government In millions a t the end of ach period

|  | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 202 | 203 | 204 | 2005 | 2006 | 2007 | 2008 | 209 | 2010 | 2011 | Mar-12 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Liabilitics is | ${ }^{513.034}$ | 589.886 | 59.174 | 597 | ${ }^{565.616}$ | ${ }^{556.169}$ | 87 | 514.414 | 53 | ${ }^{47.525}$ | 455.243 | 811 | 999.525 | 8 | 1.317 .575 | 1.704 .559 | 2.768.095 | 4.337.995 | 7.889 .100 | 8 | 11.813.908 |
| 1.1. Government Promissory Notes with the Central Bank | 67 | 478.031 | ${ }_{0}^{14}$ |  | 713 | 2.078 | 0.676 | 960 | $2.473$ | 912 | 165 | .73 |  | $04$ |  | 68.770 | $\begin{gathered} 0 \\ 0 \\ 0 \end{gathered}$ |  |  |  |  |
| 1.3. Oth | 100 |  | 60 | ${ }^{92.452}$ | 03 | 64.0 | .211 | 75.454 | 101.080 | 102 | 123.178 | 331. | 759.866 | 1.178,745 | 1.190 | 1.635 | 2.768 | 4.337 |  |  |  |
| 2. Assects in pesos | 1.668 .17 | 1.850.863 | 2.192.366 | 2.436.639 | 2.56.601 | 2.677.318 | 2.72.586 | 3.066 .135 | 3.159.348 | 3.199.550 | 3.282.336 | 3.03.877 | 3.319.806 | 3.871.122 | 3.989.793 | 4.699.394 | 5.333.181 | 5.850.344 | 6.885.997 | 9.408.290 | 10.359.429 |
| 2.1 Asscsts in pos | 1.454.943 | 1.678.663 | 2.017.051 | 2.209.644 | 2.301.769 | 2.408.984 | 2.390 .220 | 2.67.034 | 2.936 .941 | 3.292.240 | 3.069.108 | 2.880.979 | 3.14.281 | 3.689.346 | 3.884.458 | 4.569.733 | 5.210.214 | 5.736.367 | 6.884.775 |  | 0.359.355 |
| 2.1.1 Dpposit | 80.850 | 1.653 | 119.94 | 110.712 | 11.935 | 113.989 | 4.471 | 76.017 | 199.275 | 278.392 | 129.422 | 3.032 | 2.542 | 175 | 818 | 282 |  | 17.199 | 690 | 125.981 |  |
| 2.1.2 Cuntal Baw |  |  |  |  |  |  |  |  |  | 99.92 | 205.5 | 79.480 | 71.5 | 200.533 | 90.669 | 107.38 | 4.6 | 129.18 | 135.77 | , | 1.368.233 |
|  | 1.368 .994 213.674 | 1.56 .010 172.199 | ${ }_{1}^{1.897 .357} 17.316$ | ${ }_{\text {2 }}^{2098.932}$ | ${ }_{2}^{2.189 .835}$ | $\begin{gathered} 2.29+.895 \\ 258.454 \end{gathered}$ | ${ }_{\substack{2.276 .449 \\ 338.666}}^{2}$ | ${ }_{\substack{2.600 .017 \\ 30.101}}$ | ${ }_{\substack{2 \\ 2273.0666}}^{22.407}$ | ${ }_{\substack{2.770 .920 \\ 170.310}}^{\text {20, }}$ | ${ }_{\substack{2.73 .102 \\ 213.288}}$ | ${ }_{\text {2 }}^{27954.467}$ | 3.75 .208 <br> 170.526 <br> .225 | ${ }_{3}^{3.77 .938} 18.787$ |  | ${ }_{\text {4,462.112 }}^{129.611}$ | 5.065 .518 <br> 122.967 <br> 2.51 | $\xrightarrow{5.589 .983}$ | 6.679 .908 <br> 1.223 | ${ }_{837.377}^{74}$ | 991.122 |
| 3. Net liabilities in pesos: (1) - (2) | -1.15.583 | -1.260.977 | -1.601.192 | -1.839.374 | -1.997.885 | -2.111.149 | -2.844.999 | 720 | -2.645.795 | -2.721.025 | -2.824.093 | -2.419.066 | -2.324.282 | -2.50.674 | -2.672.219 | -2.994.835 | $-2.56 .086$ | -1.512.449 | 1.003.103 | 1.792.708 | 454.479 |
| Liabilitics in dollars MM | 12.0 | 11.7 | 12.0 | 10.9 | 9.78 | 9.181 | 8.5 | 8.702 | 8.794 | 9.200 | 9.585 | 10.066 | 9.348 | ${ }_{6} 6.7$ | 5.201 | 3.556 | 2.935 | 2.530 | 3.514 | 4.448 |  |
| 4.1 Government promissory notes wiht the Central Bank | 6.3 | 6.45 | 6.65 |  | 6.66 | 6.65 | ${ }_{6}^{6} .44$ |  | 6.21 | 6.19 |  | 5.36 |  | 2.4 | 1.0 |  |  |  |  |  |  |
| 4.2 Forieg debt | 5.705 | 5.231 | 5.375 | 3.990 | 3.123 | 2.527 | 2.461 | 2.79 | 2.58 | 3.008 | 3.737 | 4.70 | 4.49 | 4.23 | 4.171 | 3.556 | 2.935 | 2.530 | 3.514 | 4.448 | 3.762 |
| Assets in dollars | 2.516 | 2.542 | 3.276 | 3.647 | 3.986 | 4.733 | 4.109 | 2.680 | 1.910 | 1.197 | 467 | 304 | ${ }^{891}$ | 1.917 | 10.377 | 265 | 602 | 633 | 307 | 27.220 | ${ }^{28.150}$ |
| ${ }^{5.1}$ Central Bank deposis | 2.472 | 2.542 | ${ }^{3.276}$ | ${ }^{3.647}$ | 3.978 | 4.733 | 083 | 2.632 | 1.910 | ${ }^{1.197}$ | 460 | 145 | 282 | ${ }^{93}$ | 1.916 | 318 | 128 | 453 | 29 | 1.284 |  |
| 5.2 Central Band |  |  |  |  |  |  |  |  |  |  |  |  | 401 | ${ }^{6}$ | 0 |  | $0$ | $0$ |  | 0 |  |
| 5.3 Others ${ }^{(4)}$ | ${ }^{43}$ | 0 |  | 0 |  | 0 | 26 | 48 | 0 | 0 | 7 | 158 | 207 | 1.661 | 8.460 | 20.947 | 27.474 | 19.180 | 21.778 | ${ }^{26.636}$ | , 2 |
| Net liabilities in dolars: (4)-(5) MM USs | 9.228 | 9.164 | 8.758 | 7.321 | 5.800 | 4.448 | 4.392 | . 022 | 6.884 | 8.002 | 9.118 | 9.763 | ${ }^{8.457}$ | 4.803 | 5.176 | -17.69 | -24.667 | -17.103 | -18.793 | -23.473 | 24.388 |






| Assets and Liabilities of the Central Government $\%$ GDP |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1992 | 1993 | 199 | 1995 | 199 | 1997 | 1998 | 199 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | Mar-12 |
| 1. Liabilitices in pesos | 3,2\% | 3,0\% | 2,5\% | 2,1\% | 1,8\% | 1,6\% | 1,5\% | 1,4\% | 1,3\% | 1,1\% | 1,0\% | 1,2\% | 1,6\% | 2,\% | 1,6\% | 1,9\% | 2,9\% | 4,5\% | 7,1\% | 9,3\% | 9,1\% |
| 1.1. Government Pronissory Notes with the Central Bank | 2,5\% | 2,5\% | 2,1\% | 1,8\% | 1,6\% | 1,4\% | 1,3\% | 1,2\% | 1,0\% | 0,9\% |  | 0,5\% | 0,4\% | 0,3\% | 0,2\% | $0,1 \%$ | 0,0\% | 0,0\% | 0,0\% | 0,0\% | 0,0\% |
| 1.2. Forcign D Dibt | 0,0\% | 0,0\% | 0,0\% | 0,0\% | 0,0\% | 0,0\% | 0,0\% | 0,0\% | 0,0\% | 0,0\% | 0,0\% | 0,0\% | 0, \% | 0,0\% | 0,0\% | $0,0 \%$ | 0,0\% | 0,0\% | $0,2 \%$ | $0,4 \%$ | ${ }_{0} 0,3 \%$ |
| 1.3.O Others (a) | 0,6\% | 0,6\% | 0,4\% | 0,3\% | 0,2\% | 0,2\% | 0,2\% | 0,2\% | 0,2\% | 0,2\% | 0,3\% | 0,6\% | 1,3\% | 1,7\% | 1,5\% | 1,8\% | 2,9\% | 4,5\% | 6,9\% | 9,0\% | 8,8\% |
| 2. Assects in pesos | 10,3\% | 9,5\% | 9,4\% | 8,6\% | 8,2\% | 7,\%\% | 7,5\% | 8,2\% | 7,8\% | 7,3\% | 7,1\% | 5, \%\% | 5,5\% | 5,\% | 4, \% | 5,2\% | 5,\%\% | 6,0\% | 6,2\% | 7,8\% | 8,0\% |
| 2.1 Assest in pesos not including got'owned companies (b) | 8,\% | 8,6\% | 8,\%\% | 7,8\% | 7,4\% | 6,\%\% | 6,5\% | 7,2\% | 7,2\% | 6,\%\% | 6,6\%\% | 5,5\% | 5,2\% | 5,3\% | 4,\% | 5,1\% | 5,\%\% | 5,9\% | 6,2\% | 7,8\% | 8,0\% |
| 2.1.1 Dposaisis intuc Cumbal Bawk | 0,5\% | 0,6\% | 0,5\% | 0,4\% | 0,4\% | 0,3\% | 0,3\% | 0,2\% | 0,5\% | 0,6\% | 0,3\% | 0,0\% | 0,0\% | 0,\% | 0,0\% | 0,0\% | 0,0\% | 0,0\% | 0,1\% | 0,1\% | 0,0\% |
| 2.1.2 Cuntal Bame Notes | 0,\% | 0,0\% | 0,0\% | 0,0\% | 0,0\% | 0,0\% | 0,\% | 0,0\% | 0,0\% | 0,2\% | $0,4 \%$ | 0,2\% | 0,1\% | 0,3\% | 0,1\% | 0,1\% | 0,2\% | 0,1\% | 0,1\% | 0,4\% | 1,1\% |
| 2.13 Oibers ${ }^{\text {(4) }}$ | 8,4\% | 8,1\% | 8,1\% | 7,4\% | 7,0\% | 6,6\% | ${ }_{6,2 \%}$ | 7,0\% | 6,7\% | 6,1\% | 5,9\% | 5,3\% | 5,1\% | 5,1\% | 4,6\% | 4,9\% | 5,4\% | 5,8\% | ${ }_{6,1 \%}$ | 7,3\% | 6,9\% |
| 2.2 Financial Debt of Govt Companics Owed to | 1,3\% | 0.9\% | 0.8\% | 0,8\% | 0.8\% | 0,7\% | 0.9\% | 1,0\% | 0.5\% | 0.4\% | 0.5\% | ${ }_{0}^{0.3 \%}$ | 0.3\% | ${ }^{0.3 \%}$ | 0,1\% | ${ }_{0}^{0.1 \%}$ | 0.1\% | ${ }^{0.1 \%}$ | 0,0\% | 0.0\% | 0,0\%\% |
| 3. Net liabilitics in pesss: (1) - (2) | -7,1\% | -.,5\% | -. $6, \%$ | -.6,5 | -6,4\% | -6,1\% | -., \%\% | -6,9\% | -6,5\% | -6,2\% | -6, 1 \% | -4,6\% | -.3,\% | -3,6\% | -3,3\% | -3,3\% | -2,\% | -1,6\% | 0,9\% | 1,5\% | 1,1\% |
| 4. Liabilitics in dollars | 28,3\% | 26,0\% | 20,\%\% | 15,7\% | 13,3\% | 1,6\% | 11,\% | 12,3\% | 12,4\% | 12,1\% | 14,7\% | 11,5\% | 8,6\% | 5,\% | 3,4\% | 2,0\% | 2,0\% | 1,3\% | 1,5\% | 1,9\% | 1,5\% |
| 4.1 Goverrnment promissory notes with the Central Bank | 14,9\% | 14,4\% | 11,5\% | 10,\% | 9,1\% | 8,4\% | 7,8\% | 8,4\% | 8,7\% | 8, 1 \% | 9,0\% | 6,1\% | 4,1\% | 1,9\% | 0,7\% | 0,0\% | 0,0\% | $0,0 \%$ | 0, \% | $0,0 \%$ | $0,0 \%$ |
| 4.2 Foriegn debt | 13,4\% | 11,6\% | 9,3\% | 5,7\% | 4,2\% | 3,2\% | 3,2\% | 4,0\% | 3,6\% | 3,9\% | 5,7\% | 5,4\% | 4,6\% | 3,2\% | 2,7\% | 2,\%\% | 2,0\% | 1,3\% | 1,5\% | 1,9\% | 1,5\% |
|  |  | $\begin{aligned} & 5,6 \% \\ & \substack{5,0 \% \\ 0,0 \% \\ 0,0,0 \%} \\ & 0,0 \% \end{aligned}$ | $\begin{gathered} 5,7 \% \\ \substack{5,7 \% \\ j, 0 \% \\ 0,0 \% \%} \\ 0,0 \% \end{gathered}$ | $\begin{aligned} & \frac{5}{5,2 \%} \% \\ & 5,2,0 \% \\ & 0,0 \% \% \\ & 0,0 \% \end{aligned}$ | $\begin{aligned} & 5,4 \% \\ & 5,4,4 \\ & 0,0,0 \\ & 0,0 \% \% \end{aligned}$ | $\begin{gathered} 6,0 \% \\ \hline, 0 \% \\ 0,0 \% \\ 0,0,0 \\ 0,0 \% \end{gathered}$ |  |  | $\begin{aligned} & 2,7 \% \\ & \substack{2,7 \% \\ 0,0,0 \\ 0,0,0} \\ & 0,0 \% \end{aligned}$ | $\begin{gathered} 1,6 \% \\ \substack{1, \sigma_{0} \\ 0,0 \\ 0,0 \%} \\ 0,0 \% \end{gathered}$ | $\begin{aligned} & 0,7 \% \\ & \substack{0,7 \% \\ 0,0,0 \\ 0,0,0 \%} \\ & 0,0 \% \end{aligned}$ |  |  | $\begin{aligned} & 1,4,4,0 \\ & 0,0,10 \% \\ & 0,0,0 \% \\ & 1,2 \% \% \end{aligned}$ |  |  |  |  | $\begin{aligned} & 9,5 \% \\ & , 0,2,2, \\ & 0,0,0 \\ & 9,2 \% \% \end{aligned}$ |  |  |
| 6. Net liabilitics in dolarss (4) -(5) | 22,4\% | 20,3\% | 15,2\% | 10,5\% | 7,9\% | 5,6\% | 5,7\% | 8,5\% | 9,7\% | 10,5\% | 14,0\% | 11,1\% | 7,8\% | 3,6\% | -3,4\% | -9,7\% | -16,5\% | -. 8 \% | -8,\% | -10,2\% | -9,2\% |
| 7. Gross Financial Deb: (1) + (4) | 31,4\% | 29,0\% | 23,4\% | 17,\%\% | 15,1\% | 13,2\% | 12,5\% | 13,\%\% | 13,6\% | 14,\%\% | 15,7\% | 12,\%\% | 10,3\% | 7,0\% | 5,0\% | 3,9\% | 4,9\% | 5,8\% | 8,6\% | 11,2\% | 10,5\% |
| 8. Total Financial Assests: $(2)+$ (5) | 16,2\% | 15,2\% | 15,1\% | 13,\%\% | 13,6\% | 13,\% | 12,\% | 12,\% | 10,5\% | 9,1\% | 7,8\% | 6,1\% | 6,3\% | 7,1\% | 11,6\% | 16,\% | 24,2\% | 16,3\% | 15,7\% | 19,9\% | 18,6\% |
| 9. Total Net Financial Liabilitics: (7) - (8) | 15,3\% | 13,8\% | 8,3\% | 4,0\% | 1,5\% | -0,4\% | -0,3\% | 1,7\% | 3,2\% | 5,8\% | 7,9\% | 6,5\% | 4,0\% | -0,1\% | -.6,\% | -13,\% | -19,3\% | -10,5\% | -7,1\% | -8,7\% | -., \% |
| (d) Includes the Economic and Social Stabilization Fund, the Pension Rescrve Fund, the Pectroleum Stabilization fund, the Infrastructure Fund, and the central government investment fund in foreign currency. (c) Figures include Methodological change applied by Central Bank ( 2003 GDP). It could not fit with former reports |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ry figurs |



## Assets and Liabilities of the Chilean Central Bank

 As a \% GDP|  | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | Mar-12 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1. Liabilities | 49,7\% | 46,8\% | 45,7\% | 39,8\% | 38,6\% | 40,2\% | 36,4\% | 35,4\% | 35,4\% | 34,4\% | 31,7\% | 26,8\% | 22,6\% | 19,1\% | 15,6\% | 10,3\% | 13,4\% | 15,4\% | 11,2\% | 17,1\% | 14,0\% |
| 1.1 Central Bank Issues (a) | 32,0\% | 30,5\% | 30,9\% | 28,8\% | 30,0\% | 31,6\% | 28,6\% | 30,2\% | 31,0\% | 30,9\% | 29,8\% | 24,8\% | 20,1\% | 15,0\% | 10,5\% | 8,6\% | 11,3\% | 12,0\% | 8,1\% | 11,0\% | 12,2\% |
| 1.1.1 Nominal | 1,0\% | 0,1\% | 0,3\% | 0,0\% | 0,0\% | 1,2\% | 2,0\% | 4,6\% | 4,0\% | 6,3\% | 7,2\% | 6,7\% | 5,9\% | 5,2\% | 4,4\% | 3,2\% | 3,6\% | 5,7\% | 3,6\% | 3,8\% | 5,5\% |
| 1.1.2 Indexed (UF) | 29,8\% | 29,3\% | 29,6\% | 27,8\% | 29,0\% | 29,4\% | 24,3\% | 23,4\% | 26,1\% | 18,6\% | 13,9\% | 10,9\% | 8,8\% | 7,2\% | 5,6\% | 5,2\% | 7,7\% | 6,2\% | 4,5\% | 7,2\% | 6,8\% |
| 1.1.3 Dollar indexed (b) | 1,8\% | 1,7\% | 1,3\% | 1,1\% | 1,0\% | 0,9\% | 2,5\% | 2,2\% | 2,1\% | 7,2\% | 9,1\% | 7,3\% | 5,3\% | 2,5\% | 0,5\% | 0,2\% | 0,0\% | 0,0\% | 0,0\% | 0,0\% | 0,0\% |
| 1.1.4 Others (c) | -0,6\% | -0,6\% | -0,3\% | -0,1\% | 0,0\% | 0,0\% | -0,2\% | -0,1\% | -1,1\% | ${ }_{-1,1 \%}$ | -0,5\% | -0,1\% | 0,1\% | 0,1\% | 0,0\% | 0,0\% | 0,0\% | 0,0\% | 0,0\% | 0,0\% | 0,0\% |
| 1.2 Goverrment debt | 6,3\% | 6,2\% | 6,2\% | 5,6\% | 5,8\% | ${ }_{6,3 \%}$ | 5,6\% | 3,9\% | 3,2\% | 2,4\% | 1,0\% | 0,2\% | 0,3\% | 0,1\% | 1,2\% | 0,2\% | 0,1\% | 0,3\% | 0,3\% | 0,7\% | 0,2\% |
| 1.2.1 Domesticatrreng | 0,5\% | 0,6\% | 0,5\% | 0,4\% | 0,4\% | 0,3\% | 0,3\% | 0,2\% | 0,5\% | 0,6\% | 0,3\% | 0,0\% | 0,0\% | 0,0\% | 0,0\% | 0,0\% | 0,0\% | 0,0\% | 0,1\% | 0,1\% | 0,0\% |
| 1.2.2. Forign uturrag | 5,8\% | 5,6\% | 5,7\% | 5,2\% | 5,4\% | 6,0\% | 5,3\%\% | $3,7 \%$ | 2,7\% | 1,6\% | 0,\%\% | $0,2 \%$ | 0,3\% | 0,1\% | 1,2\% | $0,2 \%$ | 0,1\% | $0,2 \%$ | $0,2 \%$ | 0,6\% | 0,2\% |
| 2.3 Others (d) | 11,3\% | 10,0\% | 8,7\% | 5,4\% | 2,8\% | 2,4\% | 2,2\% | 1,2\% | 1,2\% | 1,0\% | 0,9\% | 1,8\% | 2,2\% | 4,0\% | 3,9\% | 1,6\% | 2,0\% | 3,2\% | 2,8\% | 5,5\% | 1,6\% |
| 2. Assets wi/o subordinated debt | 45,6\% | 43,3\% | 41,2\% | 35,5\% | 33,6\% | $34,3 \%$ | $31,2 \%$ | 31,5\% | 31,8\% | 33,8\% | 34,1\% | 26,3\% | 21,3\% | 16,6\% | 14,8\% | 10,1\% | 16,7\% | 16,9\% | 11,9\% | 19,1\% | 15,1\% |
| 2.1 Interational reserves | 22,6\% | 22,7\% | 24,1\% | 21,9\% | 21,5\% | 23,1\% | 21,1\% | 21,2\% | 21,3\% | 18,9\% | 23,5\% | 18,0\% | 14,8\% | 12,7\% | 12,\% | 9,3\% | 15,5\% | 13,3\% | 11,8\% | 18,2\% | 14,9\% |
| 2.2 Government Promisory Notes | 17,4\% | 16,8\% | 13,7\% | 11,8\% | 10,7\% | 9,8\% | 9,1\% | 9,6\% | 9,8\% | 10,2\% | 9,7\% | 6,6\% | 4,5\% | 2,1\% | 0,8\% | 0,1\% | 0,0\% | 0,0\% | 0,0\% | 0,0\% | 0,0\% |
| 2.2.1 Domestic currny | 2,5\% | 2,5\% | 2,1\% | 1,8\% | 1,6\% | 1,4\% | 1,3\% | 1,2\% | 1,0\% | 0,9\% | 0,7\% | 0,5\% | 0,4\% | 0,3\% | 0,2\% | 0,1\% | 0,0\% | 0,0\% | 0,0\% | 0,0\% | 0,0\% |
| 2.2.2. Forrign urreng | 14,9\% | 14,4\% | 11,5\% | 10,0\% | 9,1\% | $8,4 \%$ | $7,8 \%$ | $8,4 \%$ | $8,7 \%$ | $8,1 \%$ | 9,0\% | 6, $1 \%$ | 4,1\% | 1,9\% | ${ }_{0}^{0,7 \%}$ | 0,0\% | o,0\% | 0,0\% | 0,0\% | 0,0\% | 0,0\% |
| 2.3 Others (e) | 5,5\% | 3,8\% | 3,4\% | 1,9\% | 1,5\% | 1,3\% | 1,0\% | 0,8\% | 0,7\% | 2,0\% | 0,9\% | 1,6\% | 2,0\% | 1,9\% | 1,3\% | 0,8\% | 1,2\% | 3,6\% | 0,1\% | 0,9\% | 0,2\% |
| 3. Total net liability wi/o |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| subordinated debt: (1) - (2) | 4,1\% | 3,5\% | 4,5\% | 4,2\% | 4,9\% | 6,0\% | 5,2\% | 3,9\% | 3,6\% | 0,5\% | -2,4\% | 0,5\% | 1,3\% | 2,5\% | 0,8\% | 0,2\% | $-3,3 \%$ | -1,5\% | -0,7\% | -2,0\% | -1,1\% |
| Note: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Adjusted subordinated debt (f) | 5,3\% | 5,1\% | 4,2\% | 3,6\% | 3,3\% | 2,0\% | 2,2\% | 2,2\% | 2,1\% | 2,0\% | 1,9\% | 1,8\% | 1,5\% | 1,4\% | 1,1\% | 1,1\% | 1,1\% | 0,9\% | 0,8\% | 0,7\% | 0,6\% |





## Assets and Liabilities of the Central Bank

In domestic/foreign currencies
In pesos (dollars) at the end of the period

|  | 2011 |  |
| :---: | :---: | :---: |
| 1. Liabilities in domestic currency | 17.213 Billion \$ | 13,3\% \% GDP |
| 1.1 Central Bank debt issues (a) | 15.847 | 12,2\% |
| 1.1.1 Nominal | 7.067 | 5,5\% |
| 1.1.2 Indexed (UF) | 8.780 | 6,8\% |
| 1.1.3 Indexed to the exchange rate | 0 | 0,0\% |
| 1.2 Government deposits | 0,0 | 0,0\% |
| 1.3 Others (b) | 1.365 | 1,1\% |
| 2. Assets in domestic currency | 121 Billion \$ | 0,1\% \% GDP |
| 2.1 Government promissory notes | 0 | 0,0\% |
| 2.2 Others (b) | 121 | 0,1\% |
| 3. Net liabilities in domestic currency | 17.092 Miles Mill. \$ | 13,2\% \% GDP |
| 4. Liabilities in foreign currency | 1.957 Mill. US \$ | 0,7\% \% GDP |
| 4.1 Dollar-denominated Central Bank Issues | 0 | 0,0\% |
| 4.2 Government deposits | 568 | 0,2\% |
| 4.3 Others (b) | 1.389 | 0,5\% |
| 5. Assets in foreign currency | 39.801 Mill. US \$ | 15,0\% \% GDP |
| 5.1 International reserves | 39.551 | 14,9\% |
| 5.2 Government promissory notes | 0 | 0,0\% |
| 5.3 Others (b) | 250 | 0,1\% |
| 6. Net liabilities in foreign currency: (4) - (5) | -37.844 Billion \$ | -14,3\% \% GDP |
| 7. Total Liabilities: (1) + (4) | 18.171 Billion \$ | 14,0\% \% GDP |
| 8. Total Assets: (2) + (5) | 19.614 Billion \$ | 15,1\% \% GDP |
| 9. Net Liabilities: (7) - (8) | -1.443 Billion \$ | -1,1\% \% GDP |

(a) Indudes PDBC, BCP , BCU, BCD and others
(b) See Annex No. 2 for more detail on other assets and liabilities. p: preliminary figures Source: Central Bank

December 2012

Consolidated Government and Central Bank Debt




Consolidated Government and Central Bank Debr
As \% of GDP

|  | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | Mar-12 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Consolidated Gross Central Bank Debr | ,3\% | 52,8\% | 49,3\% | 40,2\% | 37,2\% | 37,3\% | 2\% | 35,6\% | ¢, 1\% | 3,5\% | 3,3\% | 32,5\% | 27,6\% | 23,5\% | 18,4\% | 13,8\% | 18,1\% | 20,8\% | 19,4\% | 27,4\% | 23,3\% |
| Consolidated Net Debt | 19,4\% | 17,4\% | 12,\% | 8,3\% | 6,4\% | 5,5\% | 4,9\% | 5,6\% | 6.8\% | 6,3\% | 5,5\% | 7,0\% | 5,3\% | 2,4\% | -5,8\% | -12,8\% | -22,6\% | -12,0\% | -7.8\% | -10,7\% | -9,2\% |



## Debt Amortizations

Consolidated Central Government (1) + Central Bank (2)

|  | Gobierno Central TOTAL Dollars | $\begin{gathered} \text { Ch\$ } \\ \text { Dollars } \end{gathered}$ | $\begin{gathered} \text { UF } \\ \text { Dollars } \end{gathered}$ | US\$ Indexed Dollars | External Dollars | Central Bank <br> TOTAL <br> Dollars | Ch\$ <br> Dollars | UF <br> Dollars | $\begin{array}{\|c\|} \hline \text { US\$ indexed } \\ \text { Dollars } \end{array}$ | in US\$ <br> Dollars | TOTAL <br> Dollars |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2012 | -1.930.802.976 | -1.747.437.520 | -237.494.076 | 0 | 54.128.620 | 1.618.944.562 | 354.694.136 | 1.264.250.426 | 0 | 0 | -311.858.414 |
| 2013 | 250.999.419 | -38.804.721 | -626.192.470 | 0 | 915.996.610 | 4.242.898.377 | 366.670.410 | 3.876.227.967 | 0 | 0 | 4.493.897.796 |
| 2014 | 982.587.238 | 304.506.289 | 583.297.619 | 0 | 94.783 .330 | 522.056.570 | 292.430.987 | 229.625.583 | 0 | 0 | 1.504.643.808 |
| 2015 | 2.175.535.760 | -4.675.760 | 2.083.105.400 | 0 | 97.106 .120 | 727.002.840 | 222.837.716 | 504.165.124 | 0 | 0 | 2.902.538.600 |
| 2016 | 109.853.172 | 0 | 13.363 .592 | 0 | 96.489 .580 | 3.274.215.248 | 145.920.451 | 3.128.294.797 | 0 | 0 | 3.384.068.420 |
| 2017 | 2.572.133.073 | 347.108.788 | 2.133.360.635 | 0 | 91.663.650 | 612.619 .118 | 78.571.137 | 534.047.981 | 0 | 0 | 3.184.752.191 |
| 2018 | 1.899.236.788 | 1.817.216.596 | 7.096 .802 | 0 | 74.923.390 | 1.785.220.190 | 68.059 .866 | 1.717.160.324 | 0 | 0 | 3.684.456.978 |
| 2019 | 1.335.712.624 | 0 | 1.266.780.184 | 0 | 68.932 .440 | 179.643.939 | 62.938.991 | 116.704 .948 | 0 | 0 | 1.515.356.563 |
| Resto | 17.709.125.678 | 1.964.004.971 | 12.590.072.861 | 0 | 3.155.228.790 | 5.869.928.995 | 99.768.254 | 5.770.160.741 | 0 | 0 | 23.579.054.673 |

(1) Exduding issues of the Central Bank held by the Treasury and Corfo (see Annex N ${ }^{\circ}$ 2) Source: the Central Bank and the Ministry of Finance

## APPENDIX 1

## Assets and Liabilities of the Central Government

## a. Explanation of figures

## Liabilities

Central Government debt is comprised of domestic and foreign debt of the Treasury Service and Corfo. The figures presented in this report are based on data from the Budget Office (Dipres) and the Treasury Service that have been harmonized to satisfy the requirements of this report.

Local currency debt is domestic debt of the Central Government and the Central Bank, the stock of papers in UF and pesos issued on the domestic market (BTU and BTP), and the domestic debt assumed by Corfo.

## Foreign currency debt

- Domestic debt. Debt owed by the Treasury Service to the Central Bank.
- Foreign debt: Debt of the Treasury Service and Corfo issued abroad in local and foreign currency, provided by Dipres. The figures differ from the foreign debt figures of the Central Government presented by the Central Bank in its two-week reports, mainly because the Central Bank does not include bonds issued by residents and held by nationals.


## Assets

Local currency assets excluding government companies: Figures provided by the Comptroller General, presented in the Public Sector Equity Statements under the items local currency in cash, investments and placements in local currency in deposits, promissory notes, stocks and other securities and instruments; and loans in local currency, excluding loans to other government agencies and other loans.

Financial debt of government companies with the government: The financial debt of government companies obtained from their balance sheets and excluding income tax and deferred taxes.

Foreign currency assets: Cash in foreign currency investments and placements in foreign currency in deposits, including the Economic and Social Stabilization Fund (ESSF) and the Pension Reserve Fund (PRF); and loans in foreign currency to employees. Placements in foreign currency-denominated stocks are excluded because they correspond to shares of the government in international agencies that are permanent in nature.

## APPENDIX 2

## Assets, Liabilities and Amortizations of the Central Bank of Chile

The information on assets and liabilities of the Central Bank of Chile are figures published in the balance sheets of the Central Bank of Chile, although the classification criteria may differ. However, starting with publication of the balance sheet of December 2002, the Central Bank of Chile disclosed details to allow the replication of the figures presented in this report. ${ }^{1}$

Below is a description of the contents of each item in this publication as well as the nature of the information on the amortization schedule.

## Liabilities

Notes issued by the Central Bank: Corresponds to the amount of notes, excluding interest and advance discounting. Bills issued for the purchase of overdue portfolio from banks (1989-1996) are also excluded.

Fiscal deposits in local and foreign currency: Includes deposits in the OPSF, funds for special international agency programs, the Infrastructure Fund and other deposits by the government. The assets from credits financed by international agencies are deducted from deposits in local currency. ${ }^{2}$

Other: The sum of other deposits and obligations, plus amounts in other liability accounts, plus the purchase of dollars under a net resale agreement (if the net balance is a liability), plus swaps and other foreign liabilities, excluding DEG allocations.

[^0]
## Assets:

Reserve Assets: In order to homologate the series through 2001, it includes reserve assets plus interest collectible abroad, less reserve liabilities, excluding from the latter liabilities under swaps. This concept was added as of 2002 to the book measurement of reserve assets.

Fiscal notes in local and foreign currency: This corresponds to notes that originated from fiscal transfers to the Central Bank under Laws 18,267 and 18,768. Prepayments of interest or principal are deducted from notes in dollars.

Other: This corresponds to the sum of credits to commercial banks plus the credit to Banco Estado, plus the credit to government companies, excluding credits to Corfo associated with popular capitalism (Law 18,401) and credit facilities using Treasury Service funded from international agencies; plus credit to other institutions, excluding the Central Savings and Loan Fund and the National Savings and Loan Association; plus contributions to International Agencies; plus other amounts in other assets abroad; plus other amounts in other asset accounts, excluding deferred loss, interest and advance discounting; plus the purchase of dollars under a net resale agreement (if the net balance is an asset).

Subordinated Debt: ${ }^{3}$ For greater transparency, the amount of subordinated debt is presented even though it is not considered an asset of the Central Bank. Associated liabilities are subtracted (bills issued for the purchase of portfolio and subordinated debt provisions) and adjusted retroactively from 1989 to 1997 because of the deferred loss.

[^1]
## Amortizations:

The amortization program only includes notes on the over-the-counter market. The combined balance is equal to more than $99 \%$ of the total. The figures have been obtained from scheduled maturities that include principal and interest so the component of interest to be deducted had to be defined. In the case of notes with coupons, the amount of the respective coupon payment considered as interest has been considered as such, and for instruments that are redeemed with a single payment, the original issue discount has been considered as interest.

The scheduled amortizations exclude interest accrued and not yet serviced, which forms part of the scheduled payments considered to be interest. Moreover, the scheduled payments of principal on notes with coupons do not include the premium or discount balances at which the instruments were placed because coupon rates were used instead of historic placement rates.

## APPENDIX 3

Government Company Debt and Guaranteed Debt of the Rest of the Public Sector

| Financial Assets and Liabilities Ac Consolidated Government-Owned In millions of pesos at the end of each pe | cording Compan iod | o Audite <br> ies | Financ | Statem |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | Mar-12 |
| 1. Financial Liabilities | 685.766 | 594.650 | 701.211 | 830.453 | 1.012.333 | 1.251.043 | 1.798 .437 | 1.978.695 | 2.015.481 | 2.318.610 | 3.006 .923 | 3.349.577 | 3.554.849 | 3.757 .195 | 4.128 .943 | 4.315.748 | 6.103.784 | 6.021.192 | 6.832 .865 | 8.131.773 | 7.762.222 |
| 1.1. Short Term (a) | 181.983 | 187.670 | 272.486 | 326.850 | 229.781 | 337.589 | 452.539 | 396.886 | 526.757 | 579.471 | 660.217 | 689.119 | 280.686 | 299.983 | 149.905 | 356.650 | 1.495.041 | 607.132 | 697.626 | 1.269.801 | 1.220.037 |
| 1.2 Long Term (b) | 290.110 | 234.781 | 253.409 | 276.608 | 520.721 | 655.020 | 1.007.231 | 1.191.709 | 1.266.317 | 1.568.828 | 2.133.479 | 2.505.560 | 3.103.638 | 3.269.435 | 3.873.702 | 3.829.437 | 4.485.775 | 5.300.084 | 6.134.016 | 6.861 .898 | 6.542.111 |
| 1.3 Finannial L Liabilities witht the Government | 213.674 | 172.199 | 175.316 | 226.995 | 261.832 | 258.434 | 338.666 | 390.101 | 222.407 | 170.310 | 213.228 | 154.898 | 170.526 | 187.777 | 105.335 | 129.661 | 122.967 | 113.977 | 1.223 | 74 |  |
| 2. Financial Assets (4) | 160.462 | 169.087 | 279.794 | 288.312 | 243.489 | 127.858 | 182.774 | 214.942 | 16.498 | 173.749 | 251.325 | 210.569 | 327.420 | 273.389 | 665.084 | 1.236.557 | 545.962 | 548.356 | 688.005 | 1.301.721 | 1.139 .115 |
| 3. Net Financial Liabilities: (1) - (2) | 525.304 | 425.564 | 421.417 | 542.141 | 768.844 | 1.123.184 | 1.615.663 | 1.763.753 | 1.845 .983 | 2.144 .860 | 2.755.598 | 3.139.008 | 3.227.430 | 3.883.805 | 3.463 .859 | 3.079.191 | 5.557.821 | 5.472 .836 | 6.144 .859 | 6.830.052 | 6.623 .107 |
| Note: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Financial liabilities excluding debt owed |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| the government | 472.092 | 422.451 | 525.896 | 603.458 | 750.501 | 992.609 | 1.459.771 | 1.588.595 | 1.793.074 | 2.148 .299 | 2.793.695 | 3.194.679 | 3.384.323 | 3.569.418 | 4.023.607 | 4.186.086 | 5.980.817 | 5.907.215 | 6.831 .642 | 8.131.700 | 7.762.148 |
| Net financial liabilities excluding debt owed the government | 311.630 | 253.364 | 24.101 | 315.146 | 507.013 | 864.750 | 1.276 .997 | 1.373.652 | 1.623 .576 | 1.974 .550 | 2.542 .371 | 2.984 .110 | 3.056.904 | 3.296.029 | 3.358.524 | 2.949 .530 | 5.434.854 | 5.358.859 | 6.143.637 | 6.829 .978 | 6.623.034 |
|  |  |  |  |  |  |  |  |  | (a) Includes short-term obligations and the short-term portions of long-term obligations with banks and financial institutions, bonds and the short-term |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | (b) Includes long-term obligations with banks and financial institutions, bonds, and long term credits with suppliers. |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | (c) Excluding deferred tax and income tax. Since 2010, this item corresponds to explicit debt with the central government. Previously, it corresponded to the item called "payable accounts to related companies". |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | (d) Including disposable, certificates of deposit, net negotiable securities, financial investment agreements. p: provisional figures |  |  |  |  |  |  |  |  |

Financial Assets and Liabilities According to Audited Financial Statements
Consolidated Government-Owned Companies


|  | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | Mar-12 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CODELCO | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| ENAP | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| ENAMI | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| Empresas portuarias |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Emporchi | x | x | x | x | x | x | x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Arica |  |  |  |  |  |  |  | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| Iquique |  |  |  |  |  |  |  | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| Antofagasta |  |  |  |  |  |  |  | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| Coquimbo |  |  |  |  |  |  |  | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| Valaparaíso |  |  |  |  |  |  |  | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| San Antonio |  |  |  |  |  |  |  | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| San Vicente Talcahuano |  |  |  |  |  |  |  | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| Puerto Montt |  |  |  |  |  |  |  | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| Chacabuco |  |  |  |  |  |  |  | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| Austral |  |  |  |  |  |  |  | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| Empresas Sanitarias |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ESSAT | x | x | x | x | x | x | x | x | x | x | x | x | x | x | - | - | - | - | - | - | - | - |
| ESSAN | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| EMSSAT | x | x | x | x | x | x | x | x | x | x | x | x | x | x | - | - | - | - | - | - | - | - |
| ESSCO | x | x | x | x | x | x | x | x | x | x | x | x | x | x | - | - | - | - | - | - | - | - |
| ESVAL | x | x | x | x | x | x | x | x | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ESSEL | x | x | x | x | x | x | x | x | x | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ESSAM | x | x | x | x | x | x | x | x | x | x | x | x | x | x | - | - | - | - | - | - | - | - |
| ESSBIO | x | x | x | x | x | x | x | x | x | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ESSAR | x | x | x | x | x | x | x | x | x | x | x | x | x | x | - | - | - | - | - | - | - | - |
| ESSAL | x | x | x | x | x | x | x | x | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EMSSAT | x | x | x | x | x | x | x | x | x | x | x | x | x | x | - | - | - | - | - | - | - | - |
| ESMAG | x | x | x | x | x | x | x | x | x | x | x | x | x | x | - | - | - | - | - | - | - | - |
| EMOS | x | x | x | x | x | x | x | x | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Lago Peñuelas |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | x | x | x |
| EFE | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| Correos | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| Metro | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| Polla | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | $x$ | x |
| ZOFRI | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| ENACAR | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| EMAZA | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| SACOR | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| COTRISA | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| La Nación | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| Puerto Madero |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | x | x | x |
| SASIPA | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| TV Nacional | N/I | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| Asmar |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | x | x | x |
| Enaer |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | x | x | x |
| Famae |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | x | x | x |
| Casa de Monedas |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | x | x | x |
| Empresas Privatizadas |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| EDELAYSEN | x | x | x | x | x | x | x | x | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EDELNOR | x | x | x | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| COLBUN | x | x | x | x | x | x | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ENDESA | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| TRANSMARCHILAY | N/I | x | x | x | x | x | x | x | - | - | - | - | - | - | - | - | - | - | - | - | - | - |



## APPENDIX 4

## Recognition Bonds

Recognition bonds are an obligation of the Chilean State owed to future pensioners, which will come due as they retire. This financial instrument therefore makes explicit the debt owed to workers who formerly contributed into the old social security system.

These obligations are not conceptually different from other social security obligations in other countries. The practical difference is that in most countries, these obligations are accumulated as future spending commitments through a social security system that are not recorded in the accounting. This is what has been commonly called the implicit social security debt of nations.

Virtually no country, either developed or developing, records social security commitments or implicit social security debt as part of the public debt.

The Recognition Bond is calculated as the necessary principal for the affiliate, who changed over from the old system, to receive a pension equal to $80 \%$ of the pensionable salary earned between September 1978 and 1979, save exceptions, multiplied by the proportion of his or her active life during which he paid into the old system. This amount is compounded at a real rate of $4 \%$ annually from the time of the change to the new pension system.

When the beneficiaries meet the requirements for retirement, the bonds are redeemed by the Pension Fund Managers (AFP). The Government, through the Social Security Institute (in Spanish, IPS), ex Social Security Normalization Institute (in Spanish, INP), transfers a lump sum that is recorded as below-the-line financing in the new presentation of the fiscal figures of the Central Government. This redeemed bond is added to the affiliate's individual capitalization fund and used to create a future pension flow in any of the possible modalities.

The number of bonds issued and redeemed from 1982 to December 2011 is presented in the table below. The stock has decreased over time as a percentage of GDP.

## Recognition Bonds <br> Redeemed and outstanding bonds

| Year | $\mathrm{N}^{\circ}$ of bonds redeemed | Outstanding bonds <br> Current amounts (a) |  |
| :---: | :---: | :---: | :---: |
|  |  | MM Ps. | \% GDP |
| 1982 | 371 | 488.454 | 41,4\% |
| 1983 | 3.229 | 637.962 | 42,5\% |
| 1984 | 4.324 | 817.449 | 44,1\% |
| 1985 | 4.599 | 1.082 .006 | 40,7\% |
| 1986 | 6.439 | 1.330 .766 | 37,3\% |
| 1987 | 8.442 | 1.691 .879 | 35,6\% |
| 1988 | 9.365 | 1.939 .343 | 31,0\% |
| 1989 | 9.994 | 2.420 .769 | 31,5\% |
| 1990 | 11.424 | 3.222.179 | 33,0\% |
| 1991 | 10.292 | 3.918 .719 | 30,5\% |
| 1992 | 12.179 | 4.595 .872 | 28,2\% |
| 1993 | 15.738 | 5.261.522 | 27,1\% |
| 1994 | 16.416 | 5.825.973 | 25,0\% |
| 1995 | 18.251 | 6.390 .559 | 22,5\% |
| 1996 | 18.452 | 6.878.566 | 22,0\% |
| 1997 | 19.712 | 7.344.100 | 21,1\% |
| 1998 | 22.874 | 7.657 .946 | 20,9\% |
| 1999 | 25.296 | 7.795.408 | 20,9\% |
| 2000 | 28.068 | 8.062.517 | 19,8\% |
| 2001 | 30.495 | 8.142.093 | 18,6\% |
| 2002 | 28.733 | 8.217 .112 | 17,7\% |
| 2003 | 33.615 | 8.047.589 | 15,3\% |
| 2004 | 37.887 | 7.910.404 | 13,1\% |
| 2005 | 39.322 | 7.780.123 | 11,3\% |
| 2006 | 42.878 | 7.385 .246 | 9,0\% |
| 2007 | 44.897 | 7.357.455 | 8,1\% |
| 2008 | 49.258 | 7.930 .928 | 8,5\% |
| 2009 | 48.299 | 6.448 .311 | 6,7\% |
| 2010 | 54.216 | 6.120 .596 | 5,5\% |
| 2011 | 54.636 | 5.641.241 | 4,7\% |
| Mar-12 | 18.701 | 4.689 .677 | 3,6\% |

(a) The current value of recognition bonds is the sum of the readjusted nominal value plus capitalized interest of all bonds issued and not paid by a determined date.
(b) Figures through March 2011.

Source: IPS.


[^0]:    1. Except for the local currency/foreign currency separation in other liabilities and assets.

    2 Since the commercial risk is assumed by the Treasury Service, it was deemed appropriate to consider it a reduction in liabilities instead of an asset.

[^1]:    ${ }^{3}$. Through 1995, this was a transaction by which some commercial banks had to allocate a fraction of their surpluses to servicing, for an indeterminate period of time, debt assumed by the Central Bank because of the financial crisis in the 80's. In that year, Laws 19,396 and $19, .359$ were enacted that empowered banks unable to extinguish the debt in a period of 40 years to pay the debt by issuing new shares that were either listed for trading or given in payment. The difference between the book value of the debt and the market price of the shares resulted in a book loss that was deferred under such laws for absorption by subsequent surpluses.

