PARIS SCHOOL OF ECONOMICS

ANALYSIS AND POLICY IN ECONOMICS

MASTER'S THESIS

WEALTH DISTRIBUTION IN AUSTRALIA: EVIDENCE FROM INCOME CAPITALIZATION

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ABSTRACT

Australian wealth shares have known large fluctuations due to asset pricing volatility on Australian financial and housing markets. This paper intends to analyze those fluctuations through the relatively innovative approach that consists in drawing individual income data from aggregated fiscal data and in applying the income capitalization method to derive household wealth. First of all, we show that after an initial drop of top wealth shares up to 1996, the upward housing price dynamic triggered off a sharp increase in top wealth shares in 2003-2004 and a second one in 2006-2007. At the acme, the 1% wealth-iest individuals owned 20% of the total wealth. Secondly, we argue that this period of housing price growth has been marked by the penetration of home-owners in top-wealth groups, which initially included mostly owners of financial assets. Nonetheless, home-owners are no longer present in top-wealth groups above P99. Then, we intend to show that financial instruments, especially stocks, and business assets constitute between 70 and 90% of the wealth of the people belonging to the top 0.01%. Finally,using the house-hold survey HILDA, we show through non-parametric techniques that the behavior of Australian households is consistent with the life-cycle theory.

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1. Introduction

One of the fundamental intuitions of the permanent income hypothesis (Friedman, 1957) is that wealth accumulation should not be seen as a mere residual process but rather as a conscious choice. To that extent, wealth could be accumulated for a variety of reasons, to smooth consumption over time or for dynastic purposes for instance. That intuition had already been presented by Hicks (1975) and could even be tracked back to the distinction made by Fisher (1930) between money income (current income) and real income (permanent income). As these authors argued, studying wealth and savings at the house-hold level is of particular interest since it allows us to identify several crucial parameters that drive the agents' behavior (preference for the present, risk aversion...). Wealth is thus central in many dynamics models, especially those in which researchers adopt a life cycle approach (Ando and Modigliani, 1963).

The abundant literature on wealth distribution in the last years demonstrates the increased interest in trying to grasp the recent surge of inequalities. Wealth distribution has come to be of paramount importance for macroeconomists who used to focus solely on the aggregate level of wealth rather than how it was distributed. Such areas as monetary policy or banking regulations are more and more concerned with wealth distribution. An illustration of this would be that of macroeconomic models which question the efficiency of monetary policy intervention on financial markets as it might be curtailed by the fact that too "happy few" – those whose wealth is partly made of financial assets - benefit from it.

Rising interest regarding wealth distribution was accompanied by an increase in the documentation on the subject. To that extent, Piketty (2014) emphasized numerous stylized facts which can serve as a basis for our research. As he argues, since the 1980s many countries have experienced an increase in wealth inequality. This rising trend followed several decades of reduction in wealth inequality. Researchers assert that there are numerous reasons for this sudden increase. For instance, one could point to the increased return of education at the top of the income distribution that led to skyrocketing wages for highly educated people. Furthermore, many other factors, such as the change in the composition of the income of top earners or the increased role of capital gains that affected the return of financial assets have contributed to this rise.

Although, global trends such as the above-mentioned rise in inequalities have to be noted, it is of paramount importance to underline that wealth can be held in many forms and each component has its particular price that follows its own dynamic. Therefore, studying wealth at the aggregate level may be misleading and could hide many composition effects. Saez and Zucman (2016) studied US tax data, household survey and inheritance data, which led them to break wealth holdings in five components (housing, business assets, pension funds, equities and bonds). This decomposition allowed them to study how the aggregate dynamic (exposed in the US series of Piketty and Zucman, 2014) could be explained by the evolution of wealth at the individual level. They were also able to study how households changed their portfolio composition and their savings behavior over time, a behavior that can only be partially captured using national accounts data.

Documenting wealth inequality is a challenge since it requires high-quality data, which is sometimes hard to come around in some areas. However, the income capitalization method, exposed in Saez and Zucman (2016), is convenient for countries where income tax and national accounts data are available. Indeed, this method allows us to infer wealth distribution from capital income, measured in taxation data. Australia is particularly interesting to study with this capitalization method as it is a country where the "wealth to income ratio" has recently soared(Piketty and Zucman, 2014),.

Crossing evidence from Australian taxation data and from household survey data enables us to study how aggregate wealth, as measured in national accounts, is distributed among individuals. We can infer from the income capitalization method that Australian wealth inequalities have followed a U-shaped dynamic since 1994. From 1998 to 2000, the top 1% wealth holders saw their share of total wealth decrease from 15% to less than 10%. Nevertheless, in the aftermath of the housing and financial booms of the 2000s, Australia experienced an increase in wealth inequalities. In addition, capital owners benefited from important capital gains due to an increase in asset prices. Housing price growth was a key driver of this trend regarding the top of the wealth distribution, especially for the groups right below the top 1%. As regards the top 1% wealth group, financial asset holdings became overall the dominant source of wealth. Our series suggest that wealth inequalities have been higher than suggested by Katic and Leigh (2015). Furthermore, we also intend to show that the composition of the wealthiest groups has been volatile in times of fluctuations of asset prices. Additionally, we analyze how, when housing prices grow, land- and home-owners tend to be more present at the top of the wealth distribution.

The paper is structured as follows. Section 2 presents the challenges that need to be tackled when studying wealth distribution. In this section, the literature dedicated to Australian income and wealth dynamics is also broached. The data available to study wealth inequalities will be presented in Section 2.3. The income capitalization method we used to estimate wealth distribution is presented in Section 3. Section 4 presents some evidence on household wealth at the aggregate level. That section contains a specific analysis of several stylized facts on capital income composition derived from tax data. Section 5 details our results on wealth distribution directly derived from the income capitalization method. Finally, in Section 6 pieces of evidence derived from non-parametric techniques, which are linked to the life-cycle theory, will be analyzed. Most figures are reported on Appendix A. Technical details on the data selected and the assumption made to match data are presented in Appendix C.

2. The measurement of wealth inequality

2.1 Wealth inequality in the literature

Household wealth inequality became, in the recent years, one of the most prolific field of research. This topic is at the crossroads of several fields of economics (including literature regarding inequalities, DSGE heterogeneous agent models or even portfolio choice theory). Campbell (2006) suggested we might call *Household Finance* the wide range of study that focus on the distribution of national wealth between households and tries to understand how household choose their portfolio of assets.

Apart from Piketty (2014), the most discussed empirical contribution to this ongoing literature is that of Saez and Zucman (2016). This work has, legimately, been widely discussed as it revived the income capitalization method and produced long run wealth inequality series that extended our knowledge of US household wealth. With the increase in quality and time-span of wealth data, there has been a shift of the inequality literature from the study of top incomes to that of top wealth. Furthermore, the interest around wealth inequality has not been limited to this field. To explain the Great Recession, macroeconomists have renewed the heterogeneous agent approach suggested by Tobin (1982) in a DSGE framework. The recent contributions of Guerrieri and Iacoviello (2015) and Favilukis, Ludvigson, and Van Nieuwerburgh (2015) demonstrate how housing price growth and a low interest rate environment have been instrumental in the dramatic rise of the debt to income ratio.

Though the methodology followed by the two field of research (inequality literature, DSGE framework) is quite different, they question the relevance of studying wealth at the aggregate level. Indeed, at the micro level, wealth takes various forms that are unequally distributed - housing, deposits, stocks... - and such distorsions affect some macroeconomic variables¹.

Despite the lack of reliable long run data on wealth for many countries, an ongoing literature has tried to document the recent trends in wealth inequality/ The literature counts up to five known methods to estimate wealth distribution. The first method is known as the estate multiplier method, used for instance by Kopczuk and Saez (2004). It allows to infer the distribution of wealth of the livings using inheritance data, i.e. wealth data transmitted after death to new generations. As documented by Saez and Zucman (2016), this method fails to capture the dynamic of wealth at the top of the distribution in the recent period. A second method, which has been useful to study wealthiest individuals, consists in the analysis of wealth ranking produced by some institutions². It has enabled researchers to analyze the assets of the wealthiest individuals in some countries. The third method, which is commonly used since it produces a good identification of the middle and upper class wealth is the household survey based approach. This method

¹These two fields of research also use the same data, mostly the Survey of Consumer Finance (SCF), whose oversampling of wealthiest individual allow to draw a detailed picture of US household wealth at the micro level.

²See Piketty (2014) for a discussion of the interest and limits of such data.

may involve several sampling issues and hinder possible inferences. This is due to the fact that sampled top wealth groups include too few individuals.

The fourth method, which will be developed in section 3, consists in capitalizing flows observable in the income taxation data to infer the wealth that generated these income flows. It allows for a better identification of top income and wealth groups than surveys that are generally limited by the size of the sample. However, tax data have the drawback of varying with arbitrary legal changes. Those changes may affect the tax base and thus challenge the consistency of the measure across time³. Finally, the fifth method relies on the use of wealth taxation data. If the tax base is broad enough to provide a representative picture of national wealth and tax avoidance is not too large, this method can produce reliable data on wealth⁴. A drawback of using tax data, also present in the income capitalization method, is that tax base can be arbitrary. Moreover, tax base may not be comparable with other countries which could apply different valuation scheme or tax base definition.

In the following sections, we will adopt the third and forth approach, *i.e.* we will use the income capitalization and the survey based methods. Since the income capitalization method requires to cross fiscal and national account data, we chose to focus on Australia where official statistics, both fiscal and national accounts, are of excellent quality. We also use the household survey HILDA that allows to get a good picture of both capital income and wealth for the recent years. Section 2.2 and Appendix C present in full details the data we used and the assumptions we adopted to match data coming from different sources.

2.2 Top income and wealth literature in Australia

With the help of tabulated fiscal data, income distribution has been well documented for Australia. Atkinson and Leigh (2007) and Burkhauser, Hahn, and Wilkins (2015) have produced long run series of income distribution using tabulated tax data. Accounting for change in dividend tax legislation, Burkhauser, Hahn, and Wilkins (2015) showed that the recent period saw a rise in income inequality mostly driven by top 0.5 and 0.1%. Below these top income groups, inequality growth has been limited. The unit of analysis of top income literature is the individual since Australia has an individual based taxation system. Although the ideal unit of analysis for studying wealth is the household, we follow the tax unit level and will thus adopt the individual as unit of reference.

Existing literature on Australian household wealth is mostly based on survey data. The most important contribution has been made by Katic and Leigh (2015). Crossing evidence from survey and inheritance data, they argue that, after an initial drop of the wealthiest share in total wealth after 1915, a reversed trend occurred after the 1970s⁵. They suggest that the increase in wealth inequality is mostly imputable to the top of the wealth distribution. The results however suggest that wealth is more equally distributed in Australia than in the US or in the UK.

³For instance, Burkhauser, Hahn, and Wilkins (2015) show the sensitivity of the top income shares derived by Atkinson and Leigh (2007) to the change of dividend taxation legislation in Australia. As they point out, most of the changes in the top income shares measured by Atkinson and Leigh (2007) are imputable to this change of legislation.

⁴See Lundberg and Waldenström (2016) for a comparison of the wealth distribution provided by the income capitalization method and the wealth tax approach.

⁵Studies focused on the recent period have exploited the wealth module in the HILDA survey to draw summary statistics of the wealth distribution (Finlay, 2012). This study is of particular interest since it reviews the discrepancy in the definition and measurement of wealth between the ABS, the RBA and HILDA.

2.3 Data used

2.3.1 Household wealth in the national accounts

Measuring wealth distribution requires ampler datasets than studies dedicated to top incomes. The dataset provided by the Australian Bureau of Statistics (ABS), the Australian Taxation Office (ATO) and the Reserve Bank of Australia (RBA) allow us to have a good picture of household wealth and income. HILDA, the household survey we use, is provided by the Melbourne Institute. The 12th wave of HILDA, allows us to have annual income series from 2000 to 2011 and three wealth series (wave 2, 6 and 10, corresponding to years 2001, 2005 and 2009)⁶. For taxation data, we use the tabulated data provided by the ATO. They provide us detailed information on the taxable income and its composition, especially on capital income, for a series of different income brackets.

The ATO also proposes sample files, i.e. microdata based on individual returns, that represent 1 or 2% sample of the taxable population. However, for confidentiality purposes, the ATO imposes three treatment that alter the quality of the data, especially the last one: zero mean perturbation technique, bottom and top-coding. For this reason, despite the large number of items presented in these data, the use of sample files is problematic, especially when we are interested in top capital income earnings that are likely to be top-coded. We favored the use of the non-parametric Pareto curve approach (see 2.3.2). In the Appendix C.2, we compare the ATO sample with our synthetic population. We thus evaluate the quality of the fit by comparing population moments and taxable income distribution⁷.

Australian financial year starts on 1 July and ends on 30 June. We follow the time convention adopted by Burkhauser, Hahn, and Wilkins (2015) by denoting financial year N-N+1 "year N". Tabulated data give information on early filers, i.e. people that filled their tax return up to the year N+2⁸.

National accounts data are mostly sourced from the household income accounts (ABS 5204.0, T36) and wealth accounts (ABS 5204.0, T41). Some items have been extracted from the Survey of Income and Housing (SIH), a household survey conducted by the ABS, or from financial data proposed by the RBA⁹. Appendix C gives details on the items selected in each statistical publication. Our period of study starts in 1994 and ends in 2013. Control population is measured using beginning of the year population statistics (ABS 3105.0.65.001). We followed Burkhauser, Hahn, and Wilkins (2015) by considering control population as the whole population aged 15 or more¹⁰. The residual between the total population on tax data and control population is referred as non-taxable population¹¹.

¹⁰People below 15 earning income will appear on tax data. However, this exceptional situation should be insignificant and not affect our computations.

⁶Except for main residence and mortgage for which the collection rate is annual, wealth is collected every four years.

⁷For a discussion of the quality of sample files, see also Burkhauser, Hahn, and Wilkins (2016)

⁸Since lodging a return is not compulsory in Australia for people below the first taxation threshold, there is a significant number of Australians that do not lodge any return and thus do not appear on our statistics. The ATO proposes some information on late filers, i.e. people that lodged their returns between N+2 and N+3. However, this information is too aggregated to be used here.

⁹Non-profit institutions are included in the household sector. ABS provides satellite accounts (ABS 5256.0) that allow us, with use of the SIH, to gauge the importance of non-profit institutions on the computation of rate of returns. As shown in Appendix C, excluding NPIs from household sector has very limited effect on the rate of returns obtained. We thus decided to use the original national accounts data since the influence of NPIs is very limited.

¹¹This term is, in some sense, abusive since it is possible that the late filers population includes individuals that are taxable. To be consistent across time, we did not include individuals that filled a return but where not taxable in our tax population since this population is not systematically presented as a separate population in tax data.

2.3.2 Methodology to infer from tabulated fiscal data individual income

The income capitalization method (see section 3) requires individual data. To draw from tabulated data a population distribution, the Generalized Pareto Curve technique, a non-parametric estimation method, proposed by Fournier (2015) is convenient. This technique is based on the principles of the Pareto interpolation within each bracket of income $[\theta_1, \theta_2],]\theta_2, \theta_3], ...[\theta_n, ...\infty[$. The only required information is the number of taxable individuals belonging to this bracket and the total taxable income of this bracket. Starting from this limited information, the Pareto curve approach allows us to non-parametrically estimate the whole taxable population¹².

Using the taxable income brackets provided by the ATO, this technique allowed us to estimate the whole distribution of taxable income. By construction, the total taxable income in tax data is equal to the total taxable income of our estimated population. The components of income and other interesting items have been recovered assuming that all members of an income bracket have the same income composition and differ by their level of income. More precisely, let's denote y_i the taxable income of an individual belonging to tax bracket $[t_n, t_{n+1}]$ ($t_n \in [0, \infty[, t_{n+1} \in]0, \infty]$). Let's denote $Y^{t_n, t_{n+1}}$ the total taxable income of the bracket, i.e. $Y^{t_n, t_{n+1}} := \sum_{i=i_{t_n}}^{i_{t_{n+1}}} y_i di$. Let's denote the item we are interested in $X^{t_n, t_{n+1}}$ at the bracket level. The individual variable is defined as

$$x_i = y_i \frac{X^{t_n, t_{n+1}}}{Y^{t_n, t_{n+1}}}$$

One can think the univariate distribution of the components of income recovered, e.g. rents or gross interest, obtained as representing a synthetic distribution, not the actual one. This synthetic distribution tend to smooth the within income bracket dispersion. Once the income distribution of the taxable population have been estimated, we derived the income of the non-filers as the difference between the value in national accounts data and the total in the taxable population, taking care of excluding from national account the income that is not taxable¹³. Since we lack data allowing us to know the income distribution of non-taxable individuals, we assume the residual between national account and tax data total is uniformly distributed¹⁴.

The control we used for total income in national account is presented in Table C.4. This control has been used by Burkhauser, Hahn, and Wilkins (2015) but is here augmented with superannuation income and net rents on tenant occupied housing¹⁵. All the components of this income control only present the realized part of the income flow in national account item to be consistent with tax data. Realized capital gains have been excluded from our income definition since they are a separate item on national accounts¹⁶. The controls we used for property income are presented in Tables C.5-C.9.

Traditionally, Australian income distribution have been derived using the mean split histogram (MSH) technique (Atkinson and Leigh, 2007; Burkhauser, Hahn, and Wilkins,

¹²Details on the Pareto distribution can be found in Fournier (2015) or in the appendix of Piketty (2001).

¹³See section 3 for a discussion of these items.

¹⁴This can be problematic for the computation of summary statistics for the bottom of the distribution since, for some years, a large part of working population is not taxable. As a consequence, we generally restrict our attention on the middle and upper part of the distribution. See Appendix C.2.

¹⁵The income concept we adopted for rent is a net of depreciation and mortgage payment. The item used in the income control excludes owner-occupied net rent since it does not appear on taxation statistics. Since superannuation income in Household Sector accounts includes latent interest earnings from superannuation wealth, this item should be considered with caution. We considered the item that is closest to what has been effectively received by households using the SIH.

¹⁶Capital gains are subject to a specific tax but are part of the assessable income Australians return. We thus excluded capital gains from the taxable income definition we adopted to be consistent with tax data.

2015). We favored the Pareto interpolation approach presented above to derive the whole population distribution in order to study top income and wealth shares. However, as robustness check, we compare the top income shares obtained after Pareto interpolation with top income shares derived using MSH (Burkhauser, Hahn, and Wilkins, 2015)¹⁷.

¹⁷The discrepancy between Burkhauser, Hahn, and Wilkins (2015) and our results using the MSH is imputable to the slightly different total income control we used. See table C.4.

3. The income capitalization method

3.1 The capitalization of observable capital income

Assume we have identified J categories of wealth in Household Balance Sheet in national accounts (j = 1, ..., J) that produce income observable on taxation data. Let's denote Y_t^j the income item in national accounts and y_{it}^j the related item in taxation data for individual i. Assume all individuals have the same return within each class of assets, i.e. returns are orthogonal to wealth $(r^J(w) = r^J$ with w for wealth), an hypothesis we discuss at section 3.3. Once wealth in Household Balance Sheet have been associated with Income Accounts, we can compute annual rates of return using the following accounting identity,

$$r_t^j = \frac{Y_t^j}{W_t^j}$$

This rate of return is applied to taxation data to infer the value of the observable wealth at the individual level. Using the capital income declared on tax returns, we can infer wealth using the, reversed identity, at the individual level,

$$W_{it}^j = \frac{y_{it}^j}{r_t^j}$$

where the assumption of equal return across individuals intervenes. The discrepancy of the total across individuals n is imputed to non-taxable individuals. As Saez and Zucman (2016), we have decomposed wealth and capital income in five broad categories: housing and business assets representing the non financial part of wealth and deposits, stocks and superannuation¹ for the financial wealth. Tables C.1 and C.2 present the information extracted from the ABS data to compute the rates of return used for capitalization. The series derived are presented in section 4.

3.2 How the imputation of non-observable wealth is conducted

A special attention must be given to the wealth which is registered in national accounts but does not generate taxable income flows. This wealth is imputed at the individual level using survey data. For Australia, the income flows unobservable in tax statistics

¹In Australia, the defined contribution system is called superannuation system. Australian workers (or their employers) contribute to a financial vehicle during their active life that invest their funds on financial markets. Dividend and capital gains are retained by the pension fund along the active life, subject to an annual specific 15% flat tax, and paid upon retirement.

are main residence, mortgage on main residence, non-mortgage debt² and accumulated pension wealth for non-retired people.

We use HILDA to impute those levels of wealth and we follow the methodology proposed by Garbinti, Goupille, and Piketty (2015). To be consistent with the tax unit, the household wealth is individualized assuming equal splitting between spouses. Population is divided in nine income groups for both capital and labor incomes using the following percentiles: 0 to 24, 25 to 49, 50 to 59, 60 to 69, 70 to 79, 80 to 89, 90 to 94, 95 to 98, and 99 to 100³. Each income group (at most 81 groups) is associated, in the survey, to a share of the total wealth we want to impute from tax data. Finally, we apply these shares to the total population sorted out using the same income groups. This methodology allows us to recover the distribution of owner-occupied housing, pension funds, and non-mortgage debt. By construction, it yields the distribution of the unobservable wealth in tax data and thus allows us to recover the entire Household Balance Sheet total once combined with the income capitalization method.

3.3 Caveat

Applying the income capitalization method requires to cross sources. Though the intuition behind this method is quite straightforward, one can face some difficulties in its application. Since income capitalization requires to cross tax data, national accounts data and household survey, definitions discrepancies between the sources can constitute an hurdle since capital income and wealth are sometimes hard to evaluate. In particular, the price used to evaluate wealth can have dramatic effects on the value of wealth measured. For instance, as long as Tobin's q is not equal to one, the same wealth measured using book value or market value will be evaluated differently (Hayashi, 1982). In our case, HILDA uses book value to measure business assets while ABS uses market value (Finlay, 2012) leading to a discrepancy between the total wealth evaluated by the two sources.

The volatility of market prices creates another methodology problem. Within a year, some prices may experience large fluctuations, in particular those of financial assets. Evaluating wealth at market price implies to choose, within a year, the price that characterizes the asset's value. With unstable prices, this mat lead to biased results. Measuring wealth at mid-year value or at the average value in a given time frame can lead to very different estimations. We followed the ABS time convention and measured wealth at its mid-year value⁴.

The intuition behind the income capitalization method is that capital income observed at the tax unit level is an information which can be used to infer the wealth held by the tax unit. Returns are allowed to differ between the different wealth components. However, for a given wealth component j, returns are uncorrelated to individual wealth w, i.e. r(w) = r. This strong assumption means that wealthier people are not able to get higher

⁴In other words, to be consistent with yearly data provided by the ABS, when using quarterly data, we defined the quarter of June as representing the value we want for yearly data.

²People can register their student loans (HECS and SLS debt) on tax data. We favored the use of HILDA to estimate the distribution of these items

³Garbinti, Goupille, and Piketty (2015) also divide population in cohorts when imputing from survey to tax data. Since the units in our tax data are not real individuals but are inferred from tabulated data, we do not have personal characteristics such as age and thus we cannot use those control variables. They also use different income groups (0 to 24, 25 to 50, 50 to 74, 75 to 89, 90 to 94, 95 to 99 and 99 to 100). However, to avoid giving too much weight to the bottom of the distribution whose imputation might be problematic, we preferred add some income groups to better reproduce the sample distribution. To introduce the heterogeneity necessary to create income groups, we have randomly perturbated the labor and capital income of the individuals we had created by uniform imputation at this stage.

returns than poorer individuals if they have the same arbitrage between wealth components. A direct implication of this hypothesis is that there is no economies of scale or diversification gain that allow wealthy individuals to get higher return for given wealth composition⁵. For some wealth categories this might be true. For instance, this is true for deposits where there is no entry cost and no asset heterogeneity. This is also true for superannuation where a diversification strategy is implemented by the pension funds. Those pension funds aggregate returns for numerous people that may have very different wealth. However, for stocks directly held by individuals or for housing, diversification gains are more likely to occur. Theoretically, as Saez and Zucman (2016) argue, this assumption on individual returns can be derived from a perfect financial market model where return equalization is the consequence of the no-arbitrage condition⁶. However, there is an additional implication to that assumption. In any asset pricing model, if there are no economies of scale that allow wealthier individuals to benefit from porfolio diversification and thus get higher return for the same risk, rich and poor individuals will have the same portfolio. With return orthogonal to wealth, the arbitrage will be on the share of wealth held in risky/risk-free asset and will only depend on risk aversion. Since, in practice, wealthiest individuals tend to own a more important share of their wealth in risky assets (stocks) rather than in bank accounts, an implication of the equal return hypothesis made here is that risk aversion is not constant across population⁷.

3.4 Rates of return across distribution: evidence from HILDA

Figures A.12-A.14 show the mean return by income and wealth decile computed from HILDA⁸. The assumption of equal returns between wealth (or income) groups seems globally respected for housing. At the extreme upper part of the distribution, return seems to be a little bit higher than below P90. However, the difference is minor and remains inconclusive to attest for increasing rates of return.

For dividends or interest, the rates of return seem to be higher at the top. In that case, the income capitalization method might overestimate the wealth of top earners since the capitalization factor applied would be lower than the actual one. The increasing interest yield at the top of the distribution might reflect that middle and top wealth holders do not possess the same portfolio of interest-bearing assets. For the low and middle wealth brackets, the interest earnings could be derived from bank accounts deposits (a liquid source of wealth that brings low interest payments). For the top wealth holders, interests could come from assets that bring higher returns due to a risk or a liquidity premium. Since the interest-bearing assets aggregate financial instruments with different maturities, liquidity, risk, etc. it is likely that Figures A.12-A.14 capture portfolio composition effect. As regards stocks, the increasing return on Figures A.12-A.14 might be due to gains from diversification rather than to portfolio composition effects. The erratic business return we capture might be caused by the limited number of individuals holding

⁵However, the income capitalization method allows wealthier people to get higher returns if they invest a more important share of wealth in forms that give higher returns, for instance equities, rather than in low returns components, e.g. bank accounts deposits.

⁶Cochrane, 2009.

⁷This non-constant risk aversion does not affect our analysis here but one need to be cautious when estimating an econometric model on income capitalized data where the underlying theoretical model uses a CRRA utility function, e.g. a standard allocation portfolio model

⁸The rates of return on Figures A.12-A.14 are computed at the individual level, assuming equal splitting between spouses. We excluded unrealistic values (above 100% or below -100% rates of return) that might reflect collections problems. To reduce the remaining noise, we also excluded values that were three standard deviations above or below the mean.

business assets. This would explain the volatility of business returns, which would thus be noise.

If increasing average returns capture portfolio composition effects and are not the symptom of gains from diversification, reducing the number of assets within a category should permit applying the income capitalization without bias. In our case, isolating bonds from bank accounts should allow for a better measure of the fixed income claims held by Australian households. However, if returns are increasing with wealth or if the volatility of a given class of assets is not constant across the distribution, the income capitalization method might produce biased estimates. This problem is binding for equities for which wealthiest people might benefit from diversification by experiencing both higher mean returns and lower earnings variance. However, even under the no-arbitrage condition that ensures constant average return, it is possible that returns are more volatile at the top of the distribution where the exposition to aggregate risk is more important. Either due to variable idiosyncratic risk or to aggregate risk, applying the income capitalization method might then produce biased estimates because we would imperfectly estimate the diversity of wealth levels producing the same income flow.

4. Stylized facts on household wealth and income distribution

4.1 Household Wealth

4.1.1 Wealth in National Accounts

Figure 4.1 shows how wealth, scaled by national income, has evolved since 1989. The latter constitutes the first year where the ABS data follow the SNA08 standards. Figure A.1 presents the same data but rescaled: assets (resp. liabilities) are scaled using total assets (resp. liabilities). Since 1989, housing has represented around 60% of the portfolio of assets owned by Australian households. Through our period of study, Australian households have experienced few portfolio reallocations. The most important reallocation of assets has been due to pension wealth but this shift has been quite limited. The dynamics of net wealth have been mostly driven by the housing sector (A.2). The strong rise in housing prices during the early 2000s increased the wealth to income ratio. However, mortgages curbed that effect¹. Figure A.3 illustrates that housing booms are generally associated with large consumption increase². The consequence has been a near zero net saving rate. Overall net lending capacity has even been negative on the same period. This interaction between housing prices and household borrowings (for a theoretical model, see Kiyotaki and Moore, 1997) led to a sharp increase in interest payments on mortgages. Indeed, as housing prices rose, acquiring a property required an ever more important mortgage. Thus, this led to higher interest payments (supposing the interest rate constant). This resulted in a drop of net rents observable on figure A.4. Indeed, assuming gross rents constant, increased interest payments decrease the level of net rents. As a result, net rent (both tenant-occupied and owner-occupied) crossed the negative territory in 2004, that is to say income flows from renting newly-acquired houses (excluding capital gains) became lower than the interest payments and expenses owning a house induces.

4.1.2 Rates of return

The rate of return imputed to taxation data are presented on Figure 4.2. These rates of returns exclude all unobservable components in tax data. The nominal return on deposits and other fixed income claims was quite high at the beginning of the period. However, the slowdown of inflation contributed to lowering it (A.5). Superannuation return followed a similar path. This is due to the fact that a significant part of the superannuation wealth was invested in bonds, a consequence of the investing strategy of the pension

¹Totals can slightly differ from Piketty and Zucman (2014) since some wealth definitions are different. For instance, we did not exclude ownership transfer cost from wealth as they do.

²This figure is inspired from Guerrieri and Iacoviello (2015). It captures a correlation between housing price and consumption growth a correlation ofter found by many general equilibrium model. In order to establish a causal effect, one needs to introduce housing wealth effect.

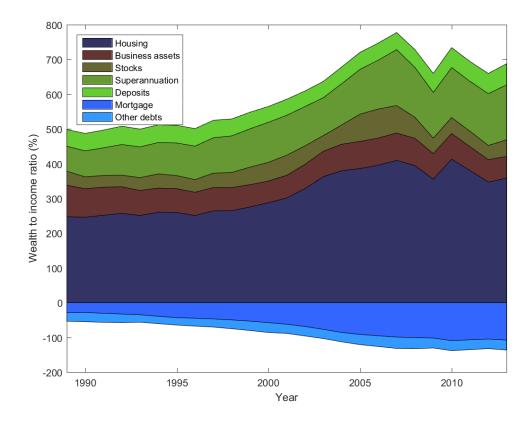


FIGURE 4.1: Australian household wealth (scaled by national income)

funds. However, the return on stocks and housing was lower. This is a direct consequence of the fact that those rates exclude capital gains, which usually increase the effective rate of return of those assets. The negative rate of return on housing was a direct consequence of the sharp increase in payments on housing debt since 2004³.

With the help of Figure A.7-A.11, we can compare the returns earned by Australian wealth holders with those of French (Garbinti, Goupille, and Piketty, 2015) and American holders (Saez and Zucman, 2016). rates of return for France include real capital gains while returns for the US and ours do not. The volatility of French returns is imputable to the inclusion of capital gains in the income derived from wealth holding. Returns are generally more stable in the US than in Australia.

For fixed income claims, Australian households generally get a higher nominal return (A.9). Because the gap with France and the U.S. has been roughly stable since the start of the Great Moderation in France and in the U.S., we interpret this gap as an inflation premium (see also A.5). Australian home-owners have experienced negative rates of return, a situation that never happened in the US. Though the two countries experienced a housing bubble in the 2000s, the housing rate of return reacted differently, suggesting a different adjustment mechanism in reaction to rising housing prices. The skyrocketing French housing return is a direct consequence of the housing price growth; if we had included holding gains in our returns, we would have had a similar situation in Australia. While Australia and France have experienced a similar decreasing pension return trend, American households have faced a rather stable and even slightly increasing return for

³The above-mentioned rate of return is not the rate of return on housing which includes capital gains. With a dramatic increase in housing prices during the 2000s, the latter is far higher than the former and is likely to be significantly positive.

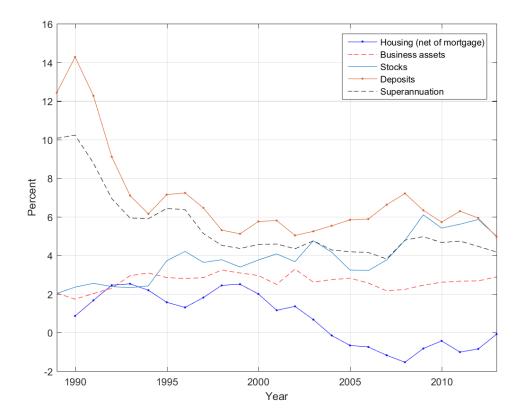


FIGURE 4.2: Rates of return computed from national accounts

their pension wealth. Since, for legislative and liquidity reasons, pension funds and life insurance organisms invest an important share of their funds in bonds, the decrease of pensions return may be a consequence of domestic desinflation⁴. The slightly increasing U.S. pension return might be the sign of an increased international portfolio diversification of pension funds that allowed American households to get increasing returns despite low short term interest rates environment. Equities return have been higher in Australia than in the US if we do not consider capital gains. Thus, Australian firms tend to pay more dividends than U.S. firms. This might be a consequence of a different sectoral composition of the stocks index. The Australian securities exchange index, ASX 200, is mostly composed of mineral companies. These companies, since they are in an advanced stage of their life-cycle, tend to distribute more dividends than US tech-companies, that will rather propose to their shareholders capital gains. This might explain why Australian stocks return is higher than Australian return if we only consider dividends. This gap between Australian and American shares might not have existed if we had included capital gains in our returns.

4.2 Capital income

Before turning to top wealth series, a short study of the income earned by the top-income brackets can provide interesting insights. We show in Appendix C.4 that the top income groups we derived using the Pareto curve approach are close to those obtained using the

⁴To see how the portfolio of asset of Australian pension funds is composed, see the data provided by the Australian Prudential Reglementation Administration (APRA).

methodology applied by Burkhauser, Hahn, and Wilkins (2015). This means our series are consistent with existing literature on top income earners.

Figures A.15-A.21 illustrate how the capital income of top income groups is composed. As expected, the higher the income bracket, the more important capital income becomes⁵. While capital income represented, at most, 15% of the income of the top 10% income earners, capital income systematically represented more than 25% of the income of top 0.05%. Including capital gains in our income measure would reinforce this aspect. The contribution of interest earnings and profits from business assets in the income of top earners seems to be roughly similar across different income groups. Since net housing income have been negative for most of our period, it is not surprising that it represents a negligible source of income of top earners. The share of dividend earnings in total income is more significant. Dividend earnings, in themselves, account for more than 20% of the income of the top 0.01% income earners while they are a secondary source of income for top 10% earners (around 4%, at most 10% during the financial boom of the 2000s).

Defining income groups by taxable capital income yields Figure A.22-A.27 in which capital income is defined as the sum of the capital income observable in tax data. Overall, the trend of top capital income shares has been increasing. This suggests an increased concentration of capital income in favor of top capital holders. Top 1% capital earners, alone, own around 15% of total capital earnings, which is more than do people who belong to inferior groups (P95-P99). Comparing with the top income shares proposed in the Appendix C.4, we find the expected stylized fact that capital income is more unequally distributed than total income. Because capital income can be volatile, the top capital shares are generally more unstable than top income shares where the relative stability of labor earnings smoothes the dynamic.

⁵For this figure, we only considered positive income sources. That explains why net rental income share is almost zero: since many people experienced negative net rents along our period, when computing their capital income, rental income has been set to zero.

5. Wealth distribution

5.1 Top wealth shares

Figures 5.1 and Figures A.28-A.33 show how the wealthiest shares derived from the income capitalization method evolved across time. The top shares derived from the survey HILDA (at the household and individualized levels) and the series presented by Katic and Leigh (2015) are reported on the graphs for comparison purposes¹. With regard to other data, our series are a little bit low, an unusual fact for income capitalized data that generally produce a higher level of inequality than survey or inheritance tax data. If we look at the trend, our series generally fluctuate, from one year to the other, around the series derived by Katic and Leigh (2015) (the top 0.1% share are however almost systematically below the Katic and Leigh (2015) share). We shall thus be cautious in the interpretation of the series we derived since these low wealth shares might reflect a problem in the imputation of wealth non-observed in tax data².

We find that after a slight decrease in top wealth shares during the 1990s, the housing and financial booms of the 2000s reversed that trend. We also find the globally decreasing trend after 2006 that can be foresight with HILDA. Housing price and household mortgage borrowings drove the dynamic of wealth inequality. Housing price growth had a positive effect on the value of assets owned by the wealthiest individuals. As, at the same time, the liabilities of the rest of the distribution skyrocketed, thereby lowering their net wealth, top-wealth shares experienced several hikes. While owning around 35% of total wealth in the early 2000, our series suggest that the top 10% went back to less than 30% in recent years. On the same time, top 5% share oscillated between 30 and 20%. People belonging to the top 1% benefited from the housing boom of the early 2000s. Their share on total wealth culminated to 20% in 2003 before going back to lower levels. The upper part of the distribution has also experiency a peak when housing prices violently rose (2003, 2006) but the backward adjustment has been smoother suggesting that these wealth groups were less dependent of housing price. It is interesting to note that top 0.05% and 0.01% wealth shares have followed the inverse path of other wealth shares. When other income groups benefited from the housing price growth (e.g. around 2003) and their wealth shares skyrocketed, the shares of top 0.05% and 0.01% did not follow this pattern. This might be because individuals belonging to these wealth groups own a limited share of their wealth in housing assets (see below) thus they might did not experience large latent holding gains during this period. Since, at the same time, the aggregate wealth benefited from the housing boom, their share on total wealth decreased a little bit.

¹For a longer time frame, see Figure A.34-A.36.

²We tried, without success, to change the percentiles used in the imputation of wealth from HILDA to tax data. We finally kept nine labor and capital income groups (i.e. at most 81 groups) rather than the seven used by Garbinti, Goupille, and Piketty (2015) (i.e. at most 49 groups). Because our uniform imputation of non-filers income was problematic at this stage (too many identical individuals), we reintroduced at this stage heterogeneity by randomly perturbating the capital and labor income of individuals that had been created by uniform imputation. Then we grouped individuals by labor and capital income and created the income groups. It improved the fit but did not solve entirely the problem.

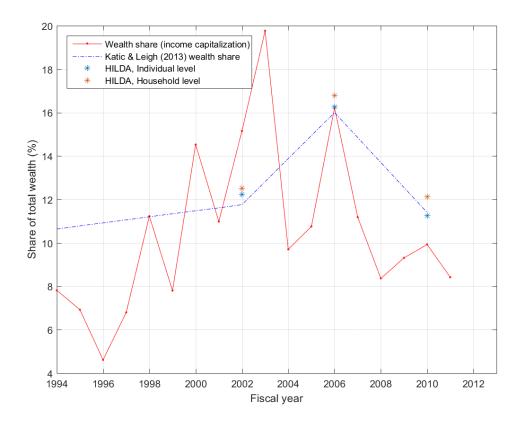


FIGURE 5.1: Top 1% wealth share

On the contrary, when the relative price of financial asset was going up, their shares on total wealth was substantially jumping.

Regarding the top wealth shares provided by the HILDA database, the choice of the unit of observation seems to have a small effect on the level of wealth inequality obtained. Assuming wealth is equally splitted between spouses slightly reduces the wealth inequality. One can see that wealth shares have sometimes been erratic in the interval between two wealth surveys. As a consequence, the linearity of the trend in the shares derived by Katic and Leigh (2015) sometimes hides those erratic effects. To that extent, the wealth series provided by the income capitalized method, despite their imperfections, do try to capture how the cyclicality of the asset prices affects the capital stock of top wealth earners.

As documented by Katic and Leigh (2015) and shown on Figure A.37-A.37, Australian wealth is more equally distributed than that of the US. While top 10% wealth share in the US has increased from 70% to 80%, top 10% share in Australia has reached a maximum of 40%, at a time of huge housing price growth. Whatever the level we are looking on, Australian wealth is far more equally splitted than American household wealth. In terms of dynamic, while the slightly increasing trend for the US is blatant, the trend is hard to grasp for Australia. Even if our series are lower than expected, this suggest Australian household wealth has not followed the same dynamic than that of the U.S. despite a common housing price boom and low household saving rate.

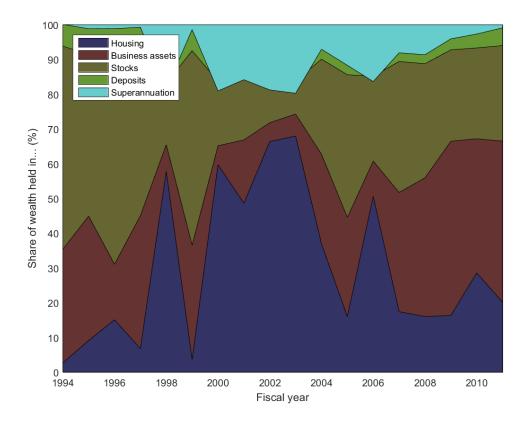


FIGURE 5.2: Composition of the wealth of the top 1% wealth holders

5.2 Composition of wealth

Figures 5.2 and A.43-A.48 decompose the wealth of the top wealth groups. First, we see that while housing represent the main asset of the top 10% wealth holders (A.43), its role becomes more and more limited at the top of the wealth distribution. Since below P99, business assets also represent an important share of wealth, non-financial wealth account for more than 50% of the wealth of people belonging to top 10% or top 5%. However, home and business owners progressively disappear when we go further. Owners of financial assets become predominant above P99. Their portfolios of financial assets are also different from those of people below P99. Below this threshold, pension wealth represents around 10% of net wealth owned but becomes an insignificant source of wealth when looking above P99. On the contrary, direct equity holdings become the prominent source of wealth. Across our period of study, shares have represented between 50% and 80% of the wealth of the top 0.01% wealth owners. This is 90% of the wealth of the top 0.01% that takes the form of equity or business assets. Even in periods of skyrocketing housing price, the composition of this wealth group has been rather stable apart from a continuous substitution from shares holding to physical firms holdings since 2007.

Figures 5.2 and A.43-A.48 bring other interesting insights regarding the composition of top wealth groups. While globally P90-99 group is constituted by home or land owners, we see that, as in the US (Saez and Zucman, 2016), the extreme of the distribution is constituted by owners of financial assets. However, we can see from the volatility of the share of housing in total wealth, that the composition of top wealth groups can fluctuate with asset prices. The changes in the composition of wealth we can see in Figures 5.2 and A.43-A.48 could either reflect portfolio reallocations or change in the individual

composition of top wealth groups. The former implies smoother change than the second in times of large asset prices fluctuations since many wealth sources are not easily liquidated (while financial assets can easily be sold, adjustment on physical assets is less easy). On the contrary, with large asset price fluctuations, the composition of top wealth groups can evolve quickly. In years of housing boom (see figure A.6) house-owners saw the market value of their wealth soar. This might have led some home-owners to penetrate the top wealth groups, thereby resulting in composition effects around the year 2003 (see, for instance, Figure A.47). On the contrary, when housing price growth diminished, the home-owners came back to their original wealth groups (below P99) and so did owners of financial assets. Thus, despite the homogeneity of wealth groups composition in the long run (below P99 home owners, above financial owners), asset pricing cycles can have significant effects on cross-sectional measures of top wealth groups composition.

Tables B.3-B.20 show in more details how are composed the asset and debt portfolios across the distribution³. The composition of the portfolio of the bottom 90% of the distribution has been stable. Housing represents the most important asset owned by individuals, while mortgages account for the main type of debt contracted by individuals. While owner-occupied mortgage represented, in the late 1990s the main debt of the bottom 90% of the wealth distribution, we observe a substitution in favor of tenant-occupied debt that become more and more predominant in the household debt portfolio. The stylized fact we observed at the aggregate level - the sharp increase of housing prices and mortgage value - might have been reflected at the individual level by a slight change in the investment behavior of household in favor of housing leveraging for investment purposes.

If we look carefully at the quintiles that compose the bottom 90% (tables B.21-B.37), we can see that the lowest quintiles (Q1 and Q2) own a limited share of their wealth in investment property up to 2003. For the years prior to 2003, this means that the middle and upper parts of the bottom 90% are responsible for the progressive substitution in the composition of wealth of the bottom 90%. However, from 2003 to 2006, one can see that the composition of the lowest quintiles, ranked by net worth, have been substantially different. While prior to 2003, the lowest quintiles were composed by home-owners whose capital stock was more or less reduced to their main residence, from 2003 to 2006, we observe that the lowest quintiles held a more important share of their portfolio in tenant-occupied housing (both asset and loans). This probably reflects the increase in the leveraging strategy of households leverage we have identified. It also reflects the observable household gearing ratio (RBA E2)⁴ that temporarily lowered the net wealth of some agents (when they borrow, period where their liabilities surge) before they were able to reintegrate top wealth groups once the investment they made produced latent holding gains. To support this claim, one can note that the cycles known by the gearing ratio are generally reflected in the liabilities of the lowest quintile groups. This suggests that some people might have borrowed significantly in some years, resulting in the reallocation of those individuals to the lowest quintiles. Then, those people went back to the middle or upper parts of the distribution once the rise in housing prices increased their wealth.

The financial portfolio of the bottom 90% of the distribution is mostly composed by pension wealth. Direct holding of equity are generally limited. Even in the top 10 or 5%, stock holdings are generally limited (tables B.21-B.37). Some home-owners or large pension wealth holders are able to penetrate in these top-wealth groups. However, once they

³Tables B.21-B.37 adopt a decomposition of total population by quintile to allow comparison with ABS data(ABS 6554.0). To be consistent with ABS data, business loans are deduced from business assets rather than being considered as a component of household liabilities in these tables.

⁴For the equivalent skyrocketing dynamic of the gearing ratio in the US, see Justiniano, Primiceri, and Tambalotti (2015)

have entered in the top 1% financial assets, in particular stocks, become the predominant source of wealth (except for some exceptional years where housing price skyrocketed). Representing less than 8% for the wealth groups below P99, stocks holdings generally amount to more than 15% of total assets for the top 1%. For the top 0.01% holders, housing is a secondary source of wealth. Business assets constitute the main assets in the non-financial portfolio. Stock holdings represent by far the main asset owned by people above P99.9. Though we are not able to isolate bond holdings from bank accounts (and other liquid low interest-bearing wealth), it is likely that the deposits wealth held by top wealth individuals is mostly constituted by the bonds. However, if the returns are positively correlated with wealth as suggested by Figures A.12-A.14, it is possible that we overestimate the equity and bonds held by the wealthiest individuals⁵. Though tenantoccupied housing represents a limited share of the wealthiest individuals' portfolios, it represents, by far, the main debt component. This is a scale effect: wealthiest agents have limited debts since the need to leverage in order to buy assets is limited. The little amount of debt they own is then housing investment debt whose term structure might be very different from mortgages contracted by the poorest people (short term maturity...).

5.3 Wealth composition compared to other data

Finally, we can compare our results with other sources measuring Australian household wealth distribution. Table B.1 shows how the wealth of the different net worth quintile is composed using ABS data devoted to wealth distribution (ABS 6554.0)⁶, HILDA wealth module (wave 10) and our sample. Valuables are included in the ABS wealth concept but are not in other sources. Overall, housing represents around 60% of the household asset on all studies. However, housing is distributed differently following the studies: HILDA and our sample suggest that housing is the main asset owned by people belonging to Q1 while ABS data suggest that it becomes a prominent source of wealth only for Q2. The different wealth definition in the ABS data might be partially responsible for this discrepancy.

Stocks are more equally owned in our synthetic population than in HILDA or ABS data. While on the three sources people belonging to Q5 own around 10% of their wealth in shares, our synthetic sample tend to give too much equities to people belonging to the bottom of the distribution (people belonging to Q1 would hold 4% of their wealth in equities following Table B.1). This is probably because the uniform imputation we conducted to ensure consistency with national accounts is too egalitarian for assets that should be very concentrated. The pattern followed by the interest bearing wealth is similar on the three samples: the portfolio is less and less allocated to deposit wealth when going to the top of the distribution. The trend followed by the superannuation wealth is also close on the three studies. The first quintile tend however to own a more important share of their wealth in superannuation in HILDA than in our sample (29% against 17%).

In the three samples, mortgages represent more than 85% of household liabilities. Individuals belonging to Q1 tend to own too much mortgage in our sample suggesting that individuals belonging to this low wealth quintiles might be more indebted in our synthetic sample than they should be. At the global level, we find a realistic share of student loans in total debt. However, the distribution of student loans differ in our population and in ABS and HILDA data. While our low wealth groups tend to have limited student debt (0.54% of their liability), probably because they are derived from low income

⁵For further research, it would be interesting to see how allowing for non-constant rate of returns might affect the estimates provided by the income capitalization method

⁶This study uses the household as level of analysis while our sample and HILDA present individualized data.

earners that have not studied for long, ABS data suggest that poorer people are those that have large student loans. HILDA survey suggest a similar student loans distribution.

Table B.2 shows some summary statistics aimed to compare the HILDA sample to our sample. The reasons for the discrepancies between the totals in HILDA and in the Household balance sheet are documented in Finlay (2012). The national accounts totals are, by construction, the totals provided by the income capitalized method.

Except for deposits, the income capitalized method leads to similar population means as those measured in HILDA. The discrepancy for business assets might be due to a different valuation method between HILDA (book value) and national accounts (market value)⁷. As regards deposits, the discrepancy remains significant. First of all, this gap can be traced back to the difference between the totals in the two sources. Nonetheless, it is not sufficient to explain such a discrepancy between the two distributions. The deposit wealth includes bank accounts wealth (and other interest-bearing assets such as bonds⁸) and non-mortgage loans. As debts were imputed from the data, it is reasonable to think non-mortgage loans and debts should have similar distributions. However, bank accounts are derived from tax returns and from national accounts data. An important share of the wealth registered in the national account is not present in tax data and is thus uniformly imputed to non-filers⁹.

The income capitalized approach allocates too much wealth to individuals below P50. This is another drawback of the uniform income imputation method for non-filers. Since those who did not filled a return are likely to be the poorest (if they were rich, they would have large capital income and thus would have to fill a return), the uniform imputation fails to replicate wealth concentration observable on survey data. Wealth statistics, which are provided by the income capitalization method, become reliable only for the middle and the top of the distribution. At those levels, tax datasets allow for a better understanding of the capital income than they do at the bottom of the distribution characterized by a lot of uncertainty.

⁷Finlay, 2012.

⁸The way interest-bearing bonds are treated might cause different results between the two sources. In HILDA, bonds are registered as financial assets and are included in the stock category. In taxation data, income derived from bonds are considered as gross interests and are thus considered as being part of the deposit category. However, since direct bond holdings stock might be very limited with respect to bank accounts wealth, this should be a minor problem.

⁹In theory, any bank account interest earned should be declared. However, it might be possible that some small amounts are undeclared. As a result, those small amounts aggregated together might affect the taxation statistics. The large discrepancy also comes from the fact that many individuals, who did not fill a return or did it too late, escape our statistics. If the variance of the interest earnings of non-filers is important, our uniform imputation will necessarily fail to capture non-filers bank accounts wealth

6. Wealth over the life cycle

The preceding repeated cross sectional measures allowed us to draw a clear-cut picture of the evolution of household wealth. However, it failed to provide insights on an important aspect of wealth accumulation: the dynamics of that accumulation over a lifetime at the individual level. An interesting aspect of the life cycle approach (Ando and Modigliani, 1963) is that it tackles how wealth is influenced by age, a variable that cannot be identified Zin our repeated cross sections. Pudney (1993) and Fernández-Villaverde and Krueger (2007) proposed to use non-parametric techniques to measure how wealth evolves with age. They propose to use Nadaraya-Watson (1964) estimator to measure the conditional distribution of income (or wealth) to age $\mu(a) = f(y|a)$ where *y* is the outcome variable, *f* the conditional distribution function and *a* is age. Since nonparametric techniques propose minimal assumptions and allow for very flexible functional forms, they might be the best-suited techniques to confront the life cycle theory with our data. Indeed, those techniques avoid misidentification resulting from wrong parametric assumptions¹.

The Nadaraya-Watson (1964) estimator, given a bandwidth h, a kernel K and a distance d(.) is defined as

$$\mu(x)_h = \frac{\sum_{i=0}^N K\left(\frac{d(x,x_i)}{h}\right) y_i}{K\left(\frac{d(x,x_i)}{h}\right)}$$

As any non-parametric technique, the flexibility of the estimation comes at the cost of large confidence intervals. Since there are no general rules for the selection of bins and bandwidth, we have adopted the Silverman (1986) rule of thumb bandwidth

$$h = \left(\frac{4s^5}{3n}\right)^{1/5}$$

where n represents the number of observation for the year used. We used an Epanechnikov kernel

$$K(u) = \frac{3}{4}(1 - u^2)\mathbf{1}_{\{|u| \le 1\}}$$
(6.1)

With the help of wealth modules in HILDA² to estimate the interaction between age and wealth (fiscal years 2001, 2005 and 2009). Confidence intervals are bootstrapped using 10,000 iterations. Given the large confidence intervals obtained at certain iterations

¹For cross-sectional income or wealth distribution, data suggest a Pareto shape. However, for the distribution of wealth conditional on age, there is no obvious distribution. Imposing a distribution might then easily lead to misidentification

²Once again, to derive individual wealth from household wealth, we assumed for each household, an equal share of wealth among individuals aged from 20 to 90 years old.

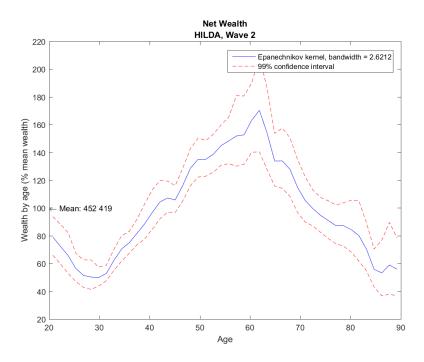


FIGURE 6.1: Net wealth along the life cycle (Nadaraya-Watson estimator)

the dynamic followed by the estimates is more interesting than the absolute numbers yielded by the estimator.³.

The broad picture provided by our estimates follows the predictions of the life cycle theory. Indeed, overall wealth seems to follow a hump-shaped pattern over the lifetime of individual agents. Moreover, also consistent with the life cycle theory, people tend to borrow young and accumulate assets later (A.50, A.51, A.52). Furthermore, superannuation follows the expected pattern: it increases up to the age of retirement and then goes down (A.53, A.54, A.55, upper panel). To that extent, direct holdings of stocks follow a close dynamic (A.56,A.57,A.58, upper panel) which suggests equity holdings might have the same consumption- smoothing purpose as superannuation wealth⁴. The dynamic of asset accumulation over time is mostly driven by housing wealth accumulation (A.56, A.57, A.58, bottom panel). The persistence of an important housing wealth at the end of the individual's lifetime suggests that they might be used for bequests.. Bank account holdings seem to follow the same bequest purpose (A.53, A.54, A.55, bottom panel) at the end of the individual's lifetime. Indeed, deposit holdings are not completely spent by retired individuals but rather saved perhaps with a view to bequeath that wealth to their descendants. This suggests that bank accounts are not held solely for transaction purposes.

³As regards some wealth components, the estimation can be erratic and yield large confidence intervals since, for some wealth components, the restricted sample of individuals owning those components is limited. Nonetheless, a survey oversampling the wealthiest individuals should allow for smoother results.

⁴An alternative interpretation of the decrease of equity holdings with age is that we might capture generation effect. It is possible that nowadays retired individuals have not experienced the change in white collars earnings composition (stocks-options) as much as the younger generation. Supporting this claim is the move, from Wave 2 to Wave 3, in the climax of equity holding that roughly corresponds to the time between the two waves.

Conclusion

Over the course of this study, we analyzed the U-shaped form of Australian wealth inequalities. Based on aggregated taxation data, we infer an income distribution at the individual level for the whole population. Then, we use this inference to compute wealth at the individual level with the help of the income capitalization method, taking into account wealth that does not generate income flows. In order to derive wealth from income data, we used the HILDA dataset as well as national accounts data. As a result, we analyze for each wealth group the various wealth components and the idiosyncratic dynamics of the value of those components. Although, the samples of individuals change each year, this method allows us to follow wealth groups over time. Hence, this provides us with the opportunity to conduct a thorough time series analysis of wealth concentration in Australia from 1994 to 2012. These time series enabled us to grasp the evolution of the different wealth brackets and how these dynamics affected the overall trend during the period.

One of the main results of our study is that two specific components of wealth, housing and financial assets have had substantial effects on the composition at the top of the wealth distribution. Indeed, not only did housing and financial assets affect levels of wealth, but they significantly triggered important shift in group composition. As a mere example, in the middle of the years 2000s, skyrocketing housing prices positively affected the wealth of the home-owners, thereby perhaps pushing individuals from one wealth bracket to the other. As a consequence, and in response to that price hike, this might have triggered property acquisition to increase as well.

Finally, with a view to combining the life cycle theory with our analysis, we used nonparametric techniques to estimate the influence of variables such as age on wealth accumulation. In compliance with this theory, individual agents do conform to the assumed behavior, namely they borrow young and accumulate wealth later in life. However, contrary to one of the main assumptions of the life cycle analysis, that is, the non-bequest assumption, individual agents do tend to keep nonzero- bank account deposits at the end of their lives.

The wealth series obtained suggest a degree of wealth concentration superior to that found by Katic and Leigh (2015). Nonetheless, wealth concentration in Australia is still far from that of the U.S. (Saez and Zucman, 2016).

For future research, it would be interesting to extend our period prior to 1994. Moreover, it would be of great value to compute synthetic saving rate (saving rates per percentile). This could allow for a better understanding of the link between asset prices and wealth accumulation.

A. Figures

A.1 Rate of return and other macrodata

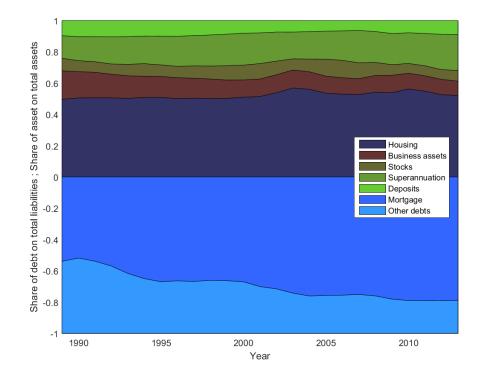


FIGURE A.1: Assets and liabilities

Note: Housing, business assets, equities and superannuation are scaled by the total asset in Household Balance Sheet. Mortgage and other debts (HECS, consumer credit, business debt...) are scaled by total liabilities.

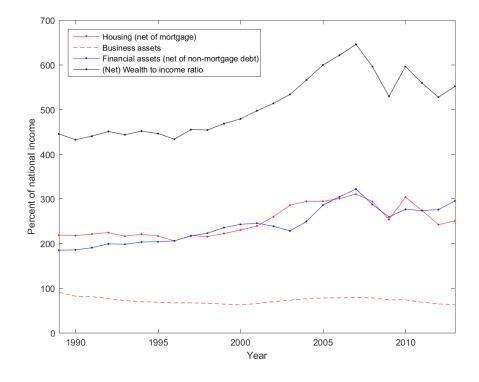


FIGURE A.2: Wealth to income ratio (β)

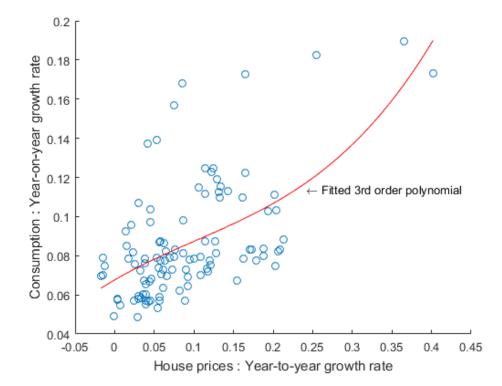


FIGURE A.3: Housing price growth and consumption growth

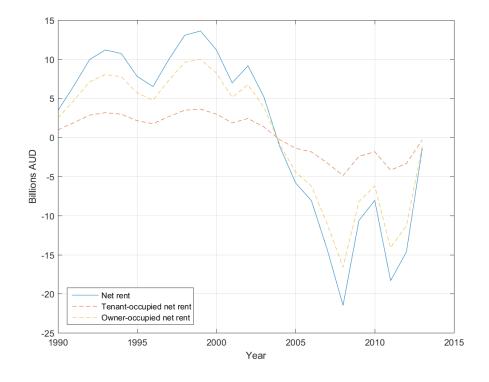


FIGURE A.4: Net rent

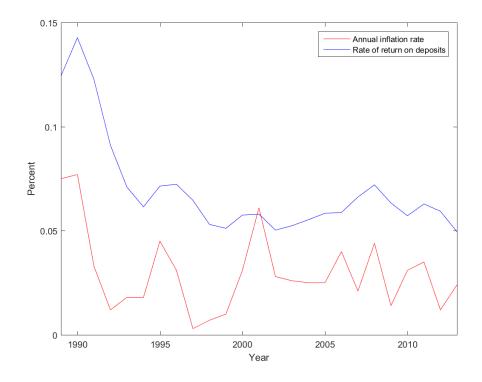


FIGURE A.5: Rate of return: superannuation wealth

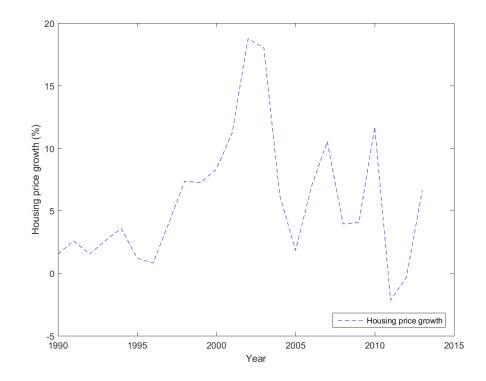
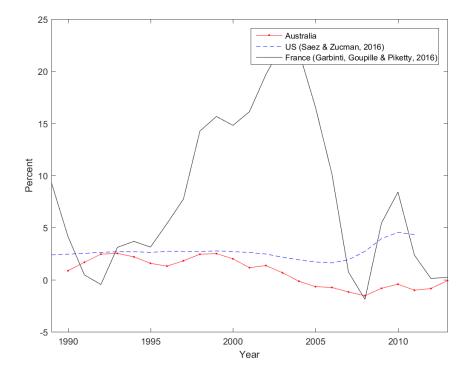
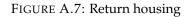


FIGURE A.6: Housing price growth

A.1.1 Rates of return: Australia compared to other countries





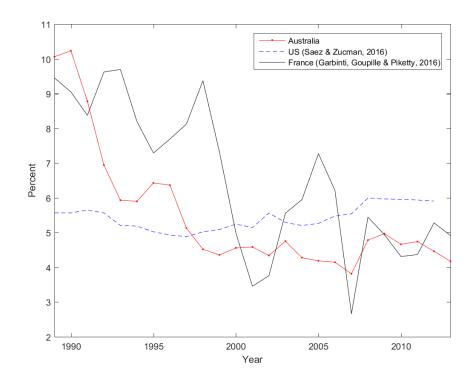


FIGURE A.8: Return pensions and life insurance

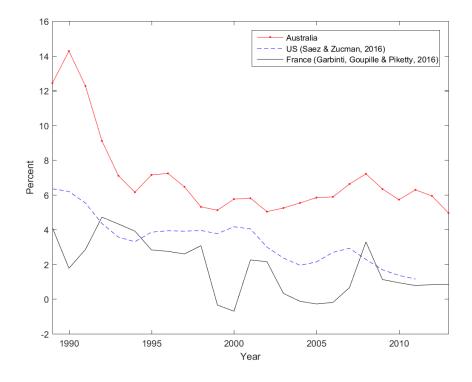


FIGURE A.9: Return on deposits and other fixed income claims

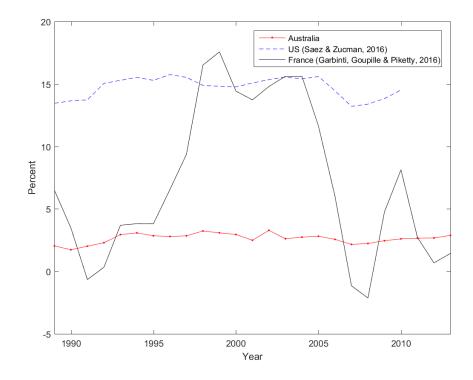


FIGURE A.10: Return on business wealth

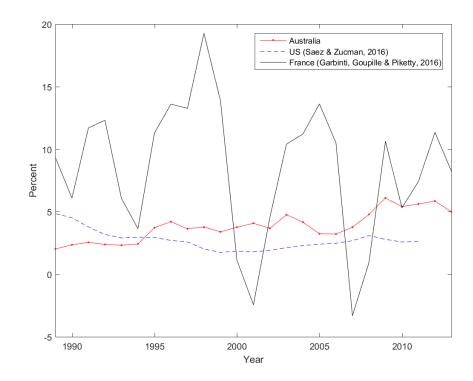


FIGURE A.11: Return on stocks

A.2 Rate of returns by income and wealth decile

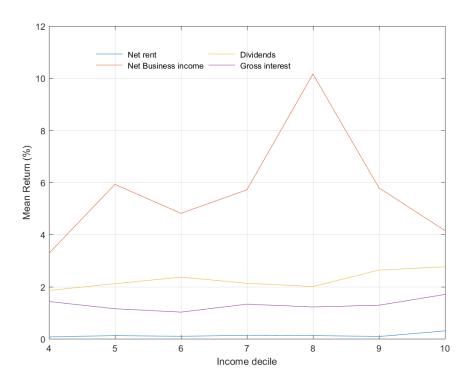
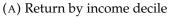
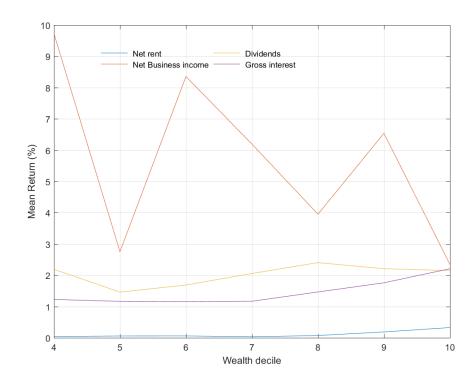


FIGURE A.12: Return by income and wealth decile: HILDA, Wave 2





(B) Return by wealth decile

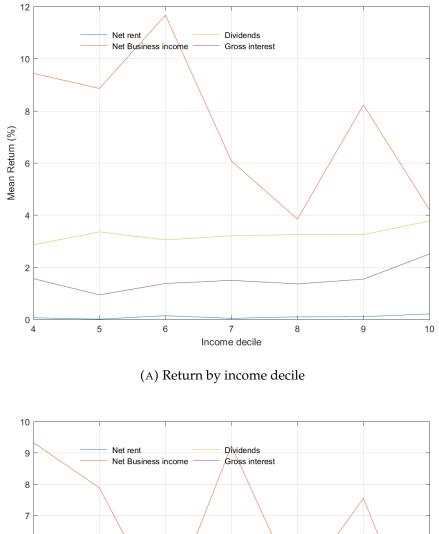
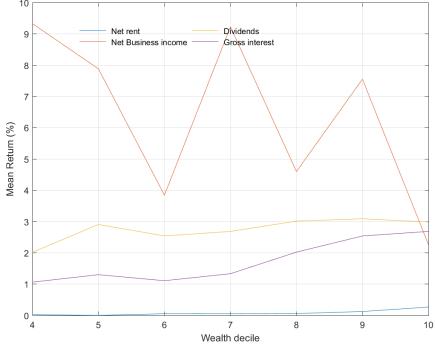


FIGURE A.13: Return by income and wealth decile: HILDA, Wave 6 $\,$



(B) Return by wealth decile

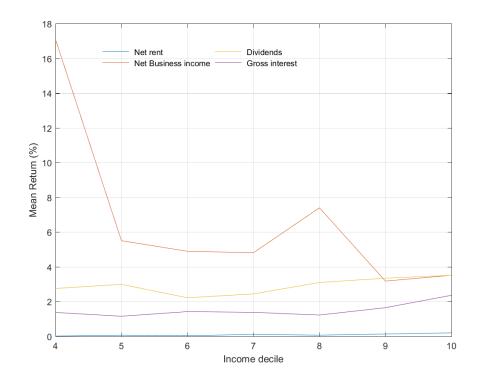
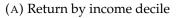
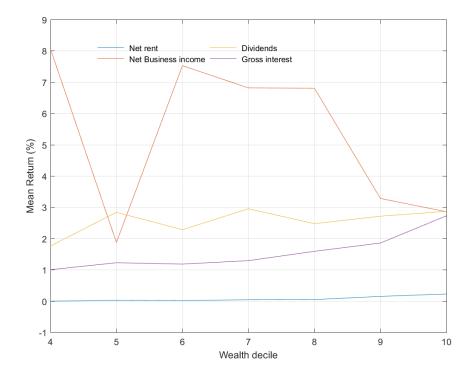


FIGURE A.14: Return by income and wealth decile: HILDA, Wave 10





(B) Return by wealth decile

A.3 Top income series

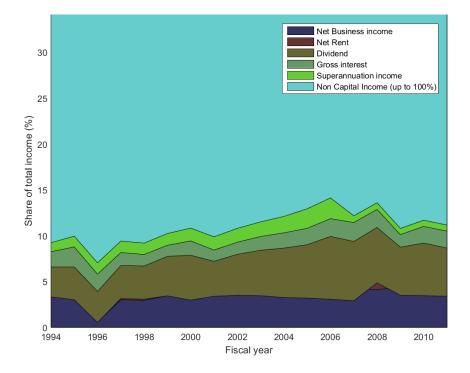


FIGURE A.15: Capital income composition: top 10% income earners

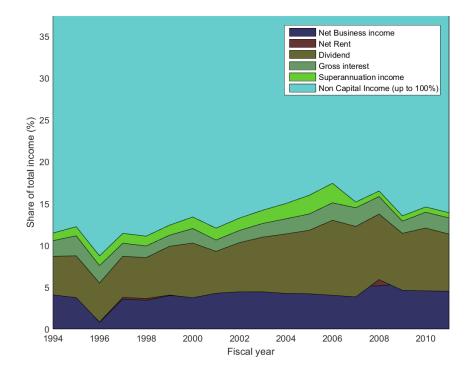


FIGURE A.16: Capital income composition: top 5% income earners

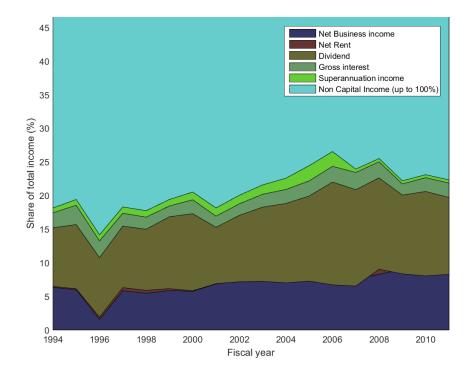


FIGURE A.17: Capital income composition: top 1% income earners

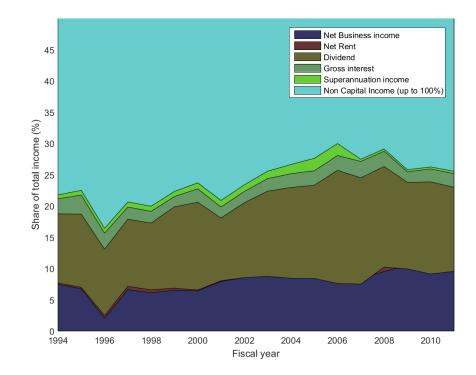


FIGURE A.18: Top 0.5% income earners

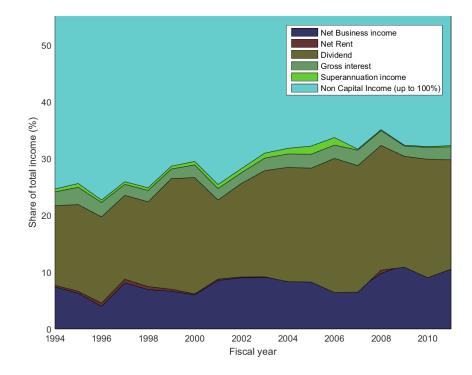


FIGURE A.19: Top 0.1% income earners

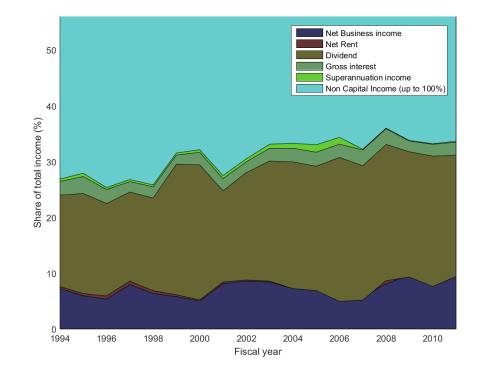


FIGURE A.20: Top 0.05% income earners

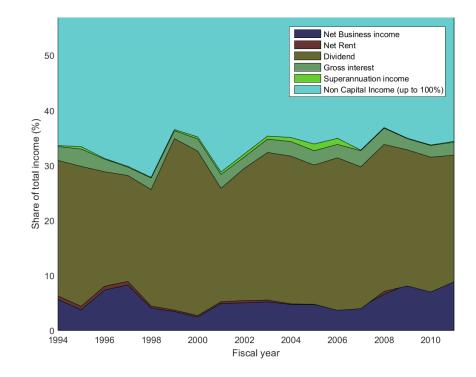


FIGURE A.21: Top 0.01% income earners

Note: Income groups are defined by taxable income. When negative, the components of capital income have been set to zero, explaining the low level of rental income in top earners income (many individuals faced negative rental income). The y-scale changes from one graph to the other.

Top capital income shares

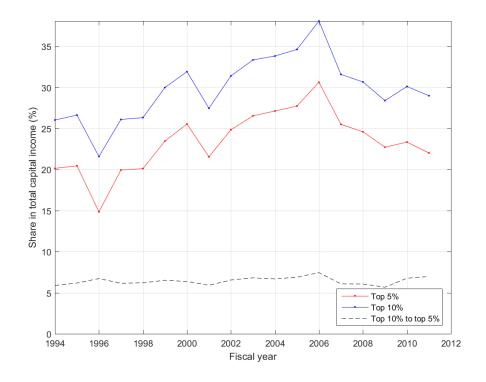


FIGURE A.22: Top capital income shares, top 10 and 5%

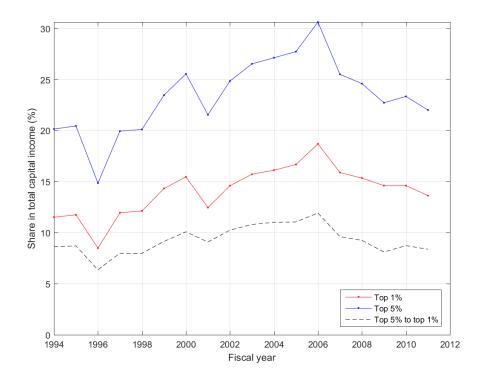


FIGURE A.23: Top capital income shares, top 5 and 1%

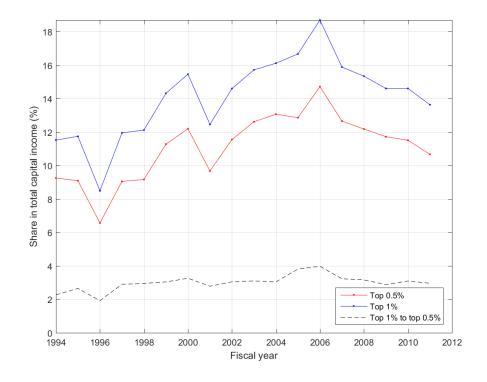


FIGURE A.24: Top capital income shares, top 1 and 0.5%

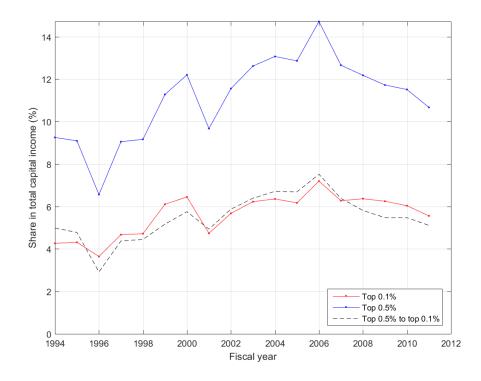


FIGURE A.25: Top capital income shares, top 0.5 and 0.1%

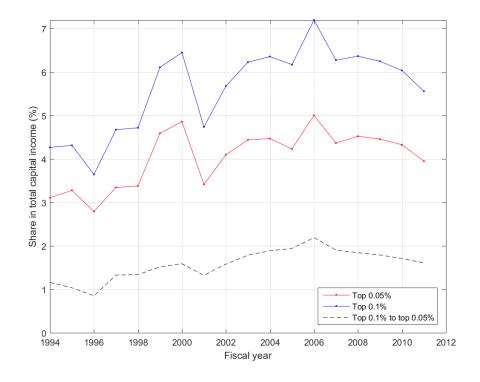


FIGURE A.26: Top capital income shares, top 0.1 and 0.05%

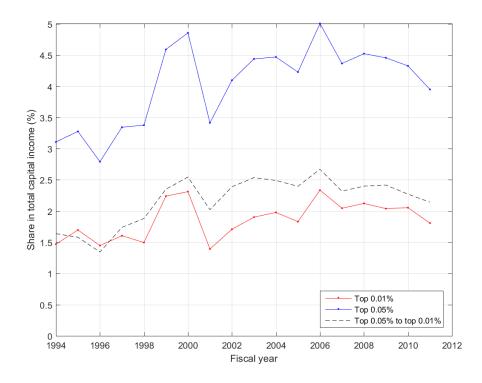
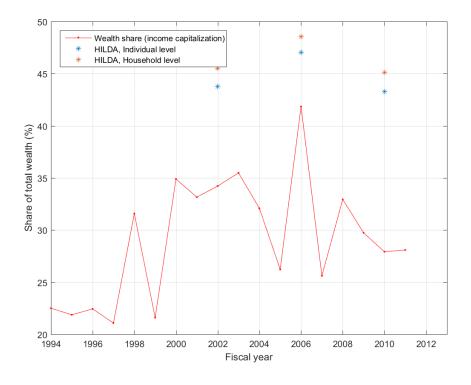
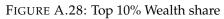


FIGURE A.27: Top capital income shares, top 0.05 and 0.01%

A.4 Top wealth shares





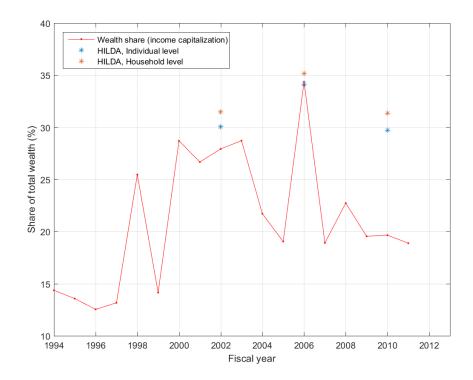


FIGURE A.29: Top 5% Wealth share

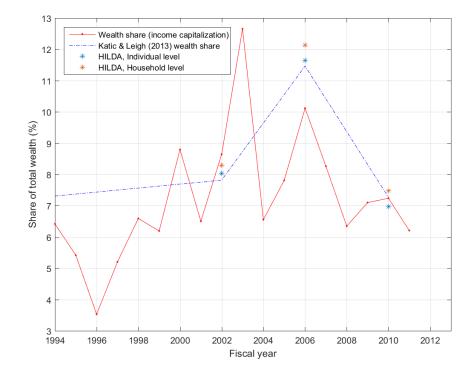


FIGURE A.30: Top 0.5% Wealth share

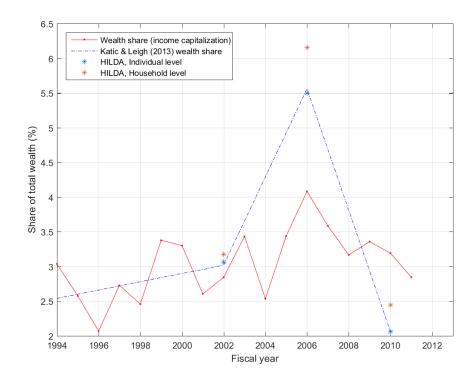


FIGURE A.31: Top 0.1% Wealth share

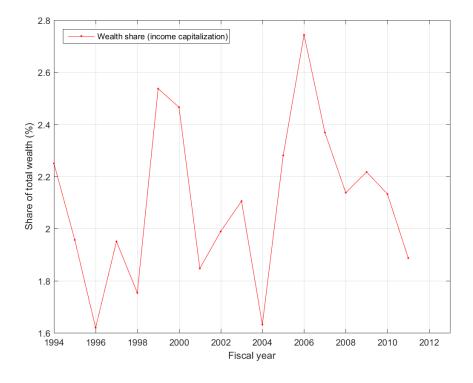


FIGURE A.32: Top 0.05% Wealth share

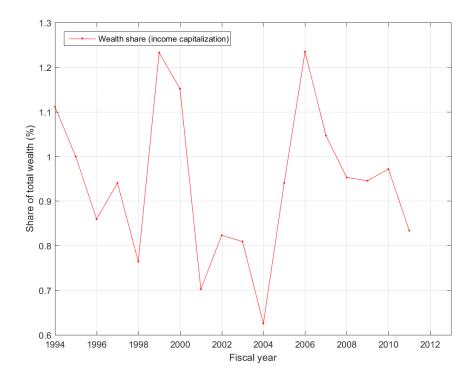


FIGURE A.33: Top 0.01% Wealth share

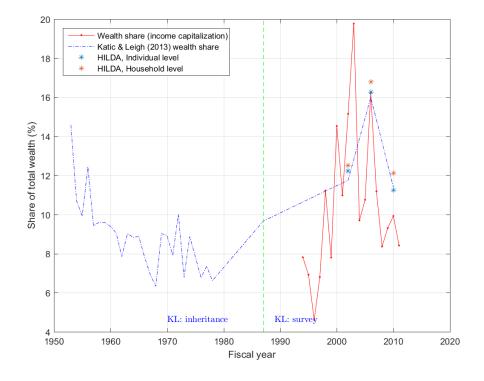


FIGURE A.34: Top 1% Wealth share, long run perspective

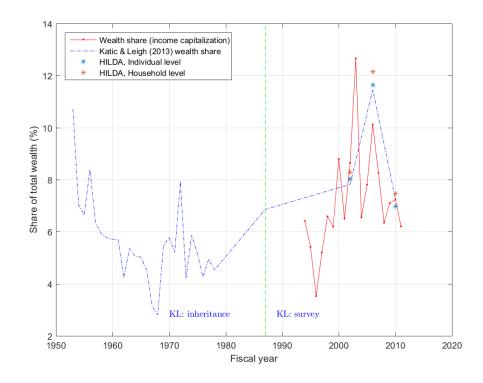


FIGURE A.35: Top 0.5% Wealth share, long run perspective

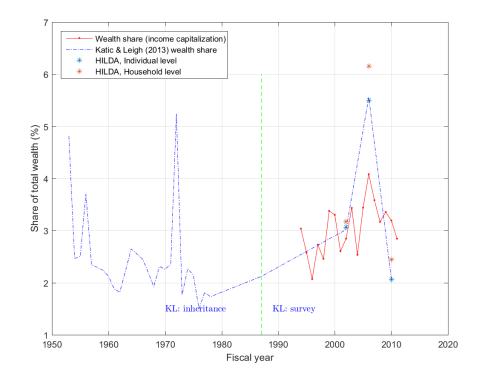


FIGURE A.36: Top 0.1% Wealth share, long run perspective

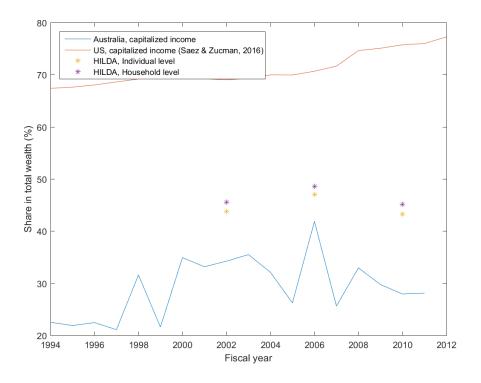


FIGURE A.37: Top 10% wealth share: Australia vs US

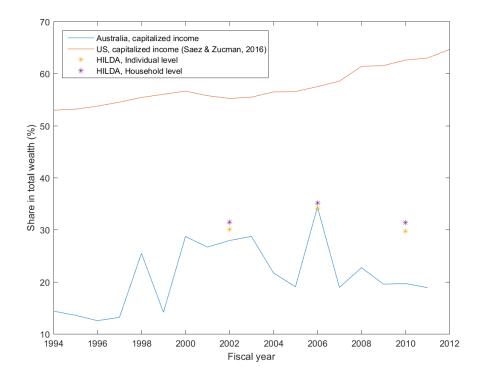


FIGURE A.38: Top 5% wealth share: Australia vs US

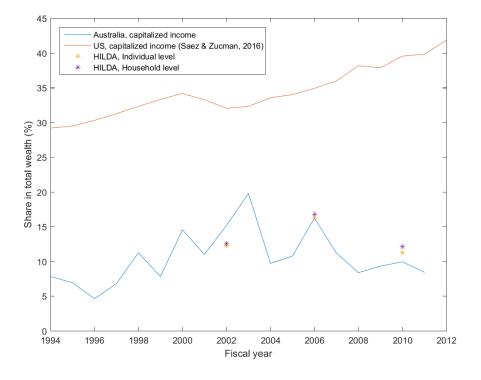


FIGURE A.39: Top 1% wealth share: Australia vs US

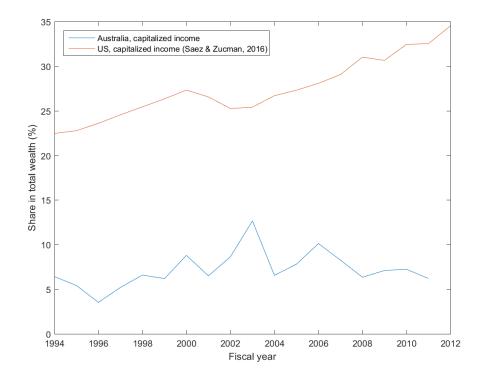


FIGURE A.40: Top 0.5% wealth share: Australia vs US

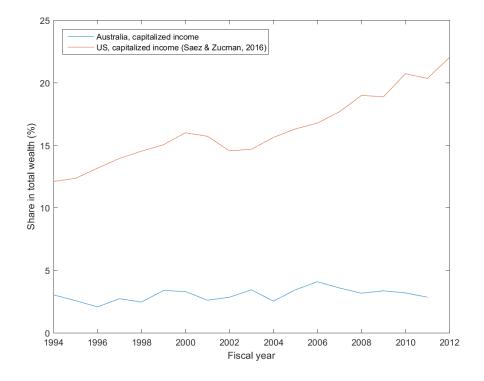


FIGURE A.41: Top 0.1% wealth share: Australia vs US

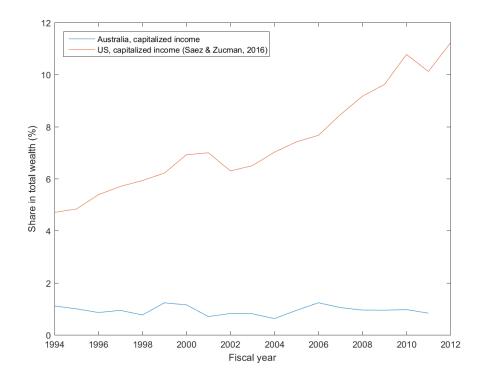


FIGURE A.42: Top 0.01% wealth share: Australia vs US

A.5 Wealth composition of top wealth groups

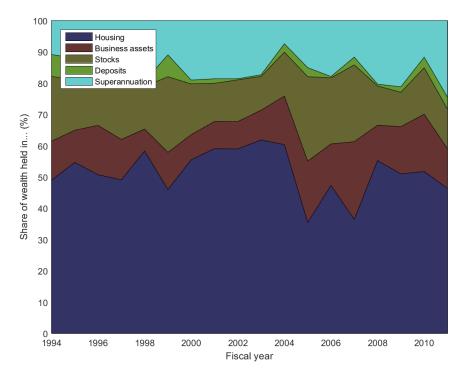


FIGURE A.43: Composition of the net wealth of the wealthiest 10%

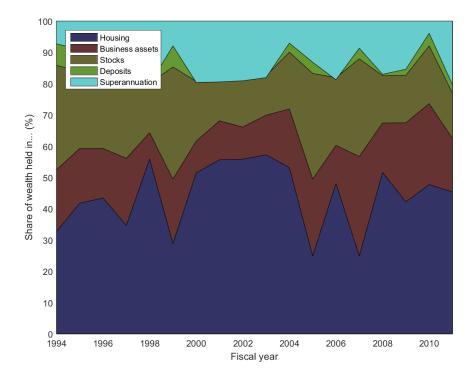


FIGURE A.44: Composition of the net wealth of the wealthiest 5%

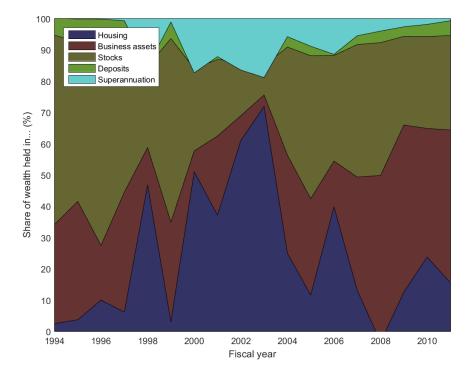


FIGURE A.45: Composition of the net wealth of the wealthiest 0.5%

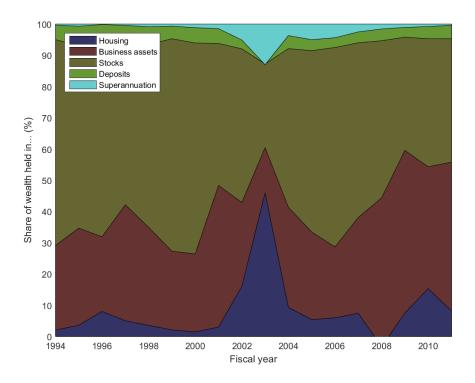


FIGURE A.46: Composition of the net wealth of the wealthiest 0.1%

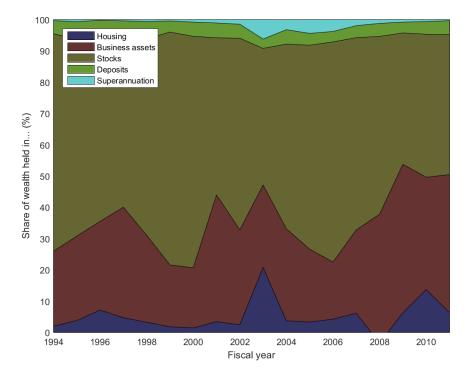


FIGURE A.47: Composition of the net wealth of the wealthiest 0.05%

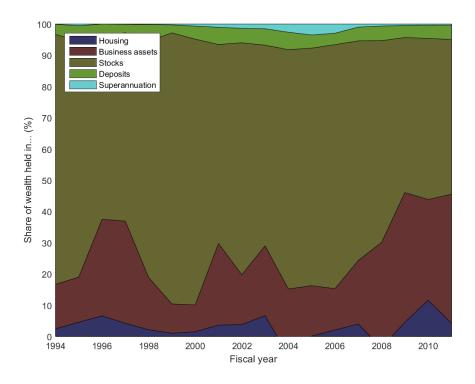


FIGURE A.48: Composition of the net wealth of the wealthiest 0.01%

A.6 Wealth and age: Nadaraya-Watson estimator

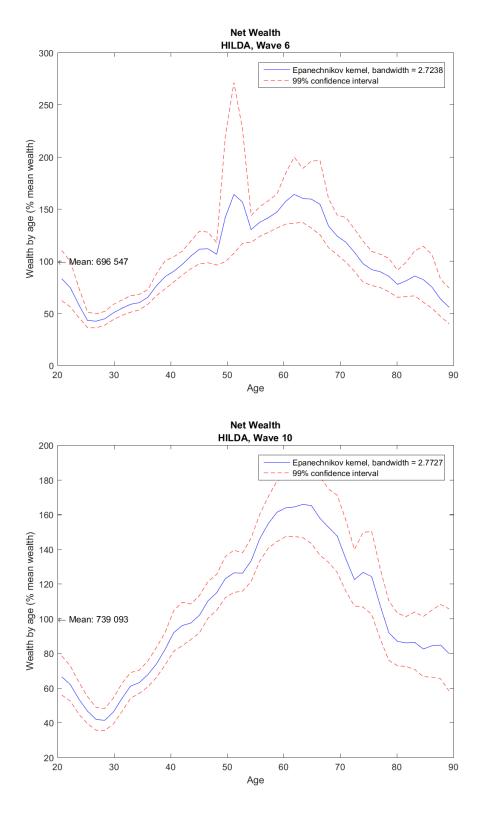


FIGURE A.49: Net wealth over the life cycle

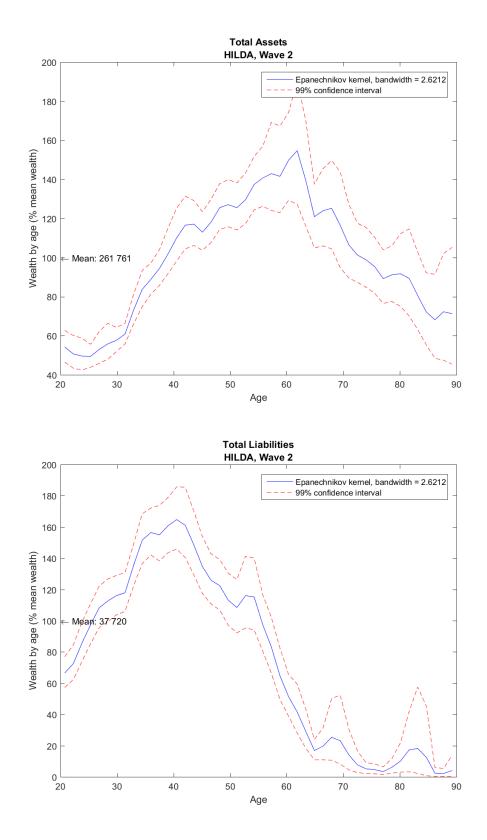


FIGURE A.50: Assets and liabilities along life: HILDA, Wave 2

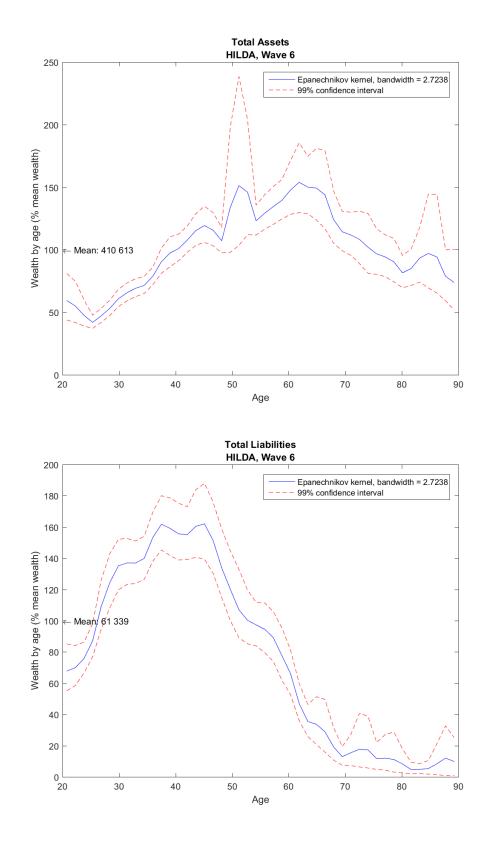


FIGURE A.51: Assets and liabilities along life: HILDA, Wave 6

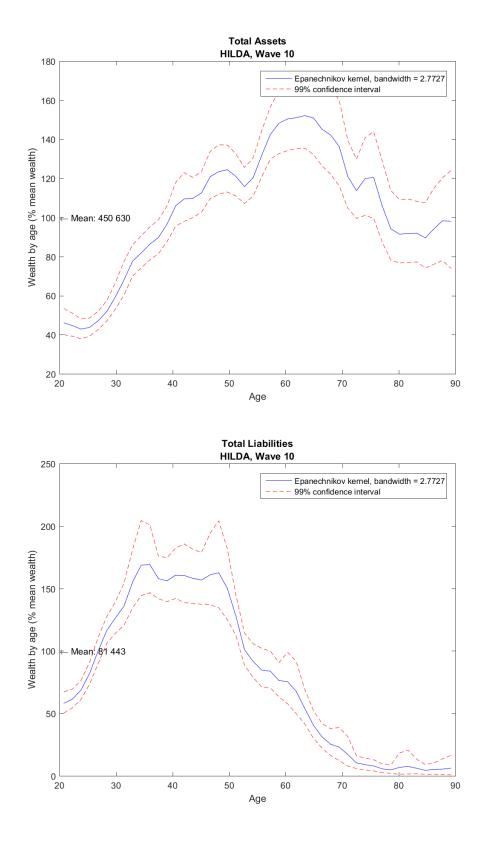


FIGURE A.52: Assets and liabilities along life: HILDA, Wave 10

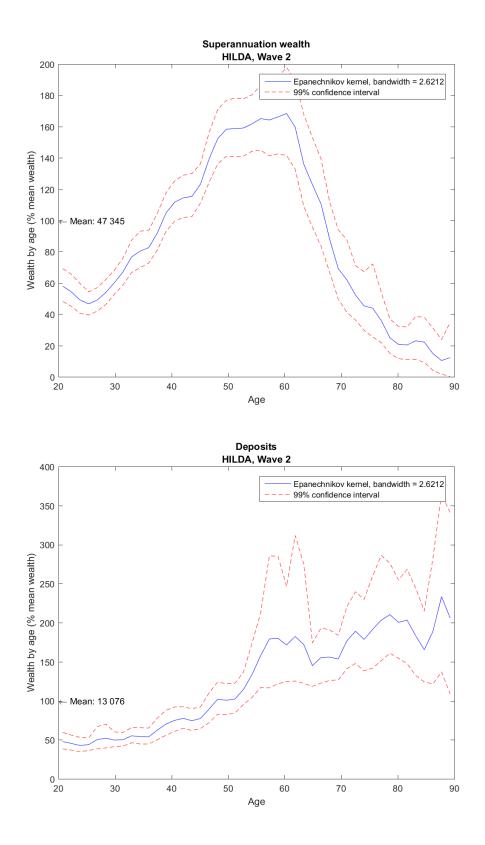


FIGURE A.53: Superannuation and bank accounts along life: HILDA, Wave 2

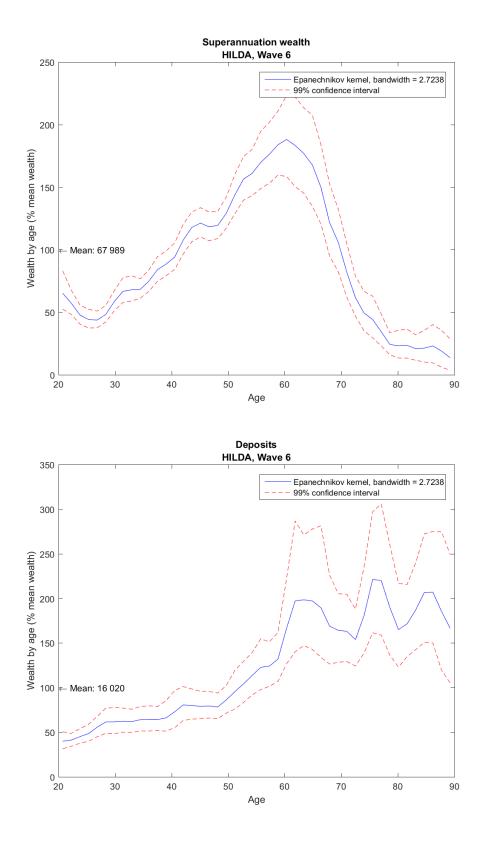


FIGURE A.54: Superannuation and bank accounts along life: HILDA, Wave 6

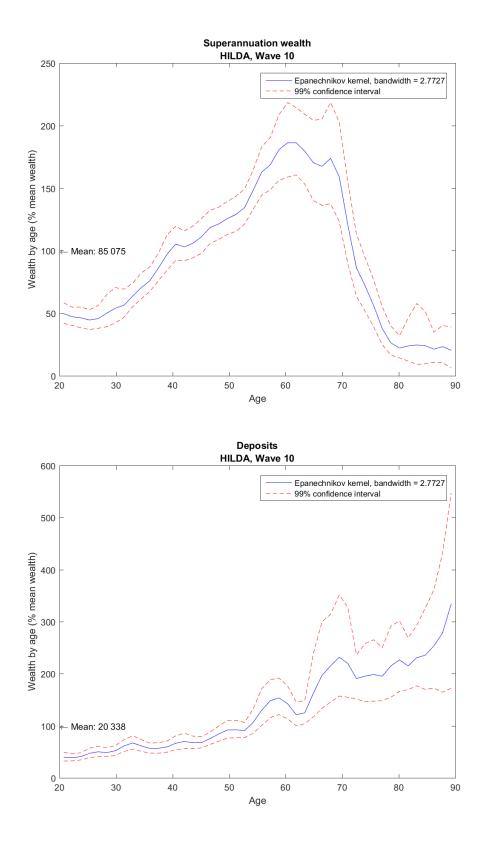
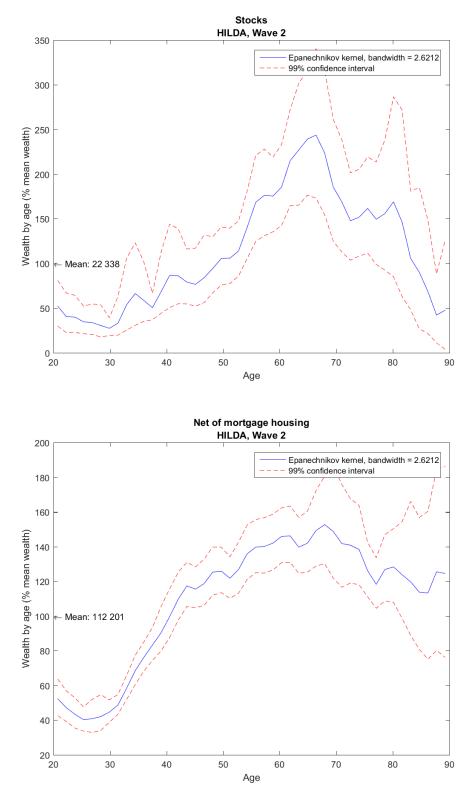
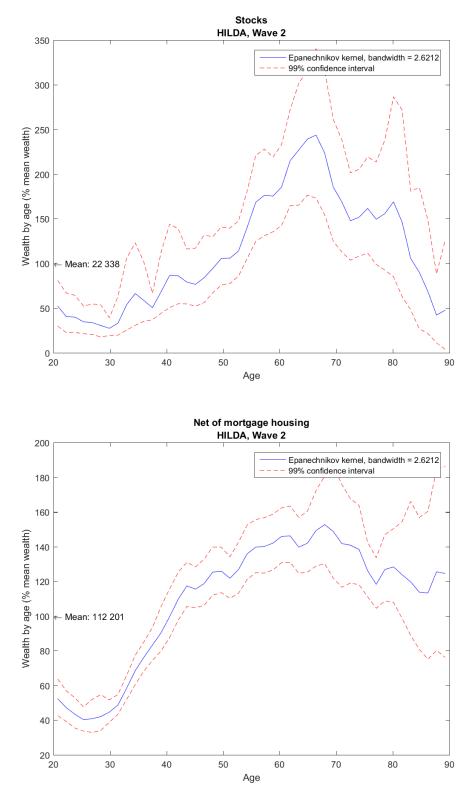


FIGURE A.55: Superannuation and bank accounts along life: HILDA, Wave 10



(A) Housing wealth over life cycle (Wave 2)

FIGURE A.56: Equity holdings and housing along life: HILDA Wave 2



(A) Housing wealth over life cycle (Wave 6)

FIGURE A.57: Equity holdings and housing along life: HILDA Wave 6

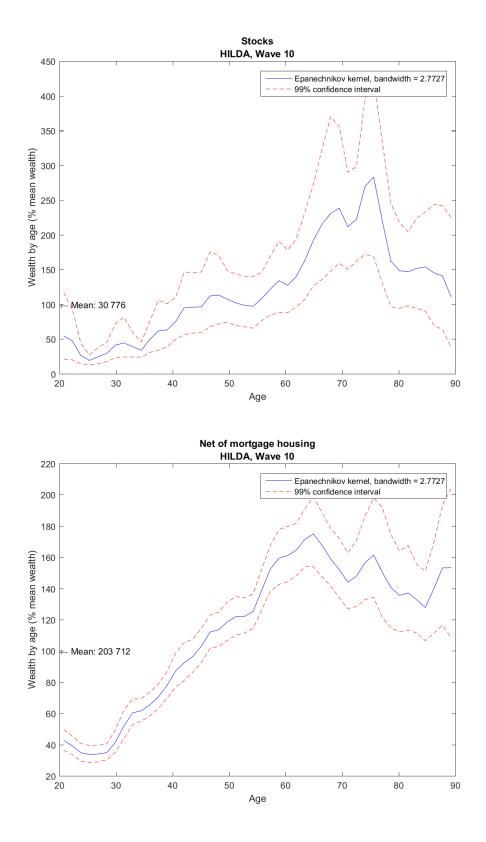


FIGURE A.58: Equity holdings and housing along life: HILDA Wave 10

B. Tables

| WEALTH | | Q1 | Q2 | Q3 | Q4 | Q5 | All |
|--------------------------------------|--------------|----------------|--------|-------|---------------|--------------|----------------|
| CAPITALIZED I | | E (2009 | ·2010) | | | | |
| | SSETS | 66 40 | 64 72 | 67.07 | 60.06 | 65.02 | 66 52 |
| Non Financial assets | % | 66,49 71.91 | 64,72 | 67,07 | 69,06 | 65,83 | 66,53 57 21 |
| Housing | % | 71,81 | 54,17 | 52,43 | 54,33 | 52,60 | 57,21 |
| Tenant occupied dwelling | % | 14,79 57.02 | 21,70 | 17,54 | 24,82 | 11,57 | 16,62 |
| Owner occupied dwelling | % | 57,02 | 32,46 | 34,89 | 29,51 | 41,03 | 40,59 |
| Business assets (net of liabilities) | % | -5,31 | 10,55 | 14,65 | 14,73 | 13,23 | 9,32 |
| Financial assets | % | 33,51 | 35,28 | 32,93 | 30,94 5.70 | 34,17 | 33,47 |
| Stocks | % | 4,38 | 4,42 | 4,39 | 5,79 | 9,57 5.70 | 6,45 7.04 |
| Deposits | % | 11,26 | 8,96 | 7,76 | 7,60 | 5,76 | 7,94 |
| Superannuation | % | 17,88 | 21,90 | 20,78 | 17,55 | 18,84 | 19,08 |
| Total Assets | % BILITIE | 100 | 100 | 100 | 100 | 100 | 100 |
| Mortgage | BILIIIE % | .s 96,54 | 87,01 | 80,22 | 79,28 | 65,49 | 88,06 |
| Tenant occupied dwelling | % | 37,88 | 79,53 | 76,82 | 77,92 | 64,24 | 53,55 |
| Owner occupied dwelling | % | 58,66 | 7,48 | 3,39 | 1,36 | 1,25 | 34,51 |
| Student loans | % | 0,54 | 1,92 | 2,66 | 2,06 | 4,25 | 1,54 |
| Other loans | % | 2,91 | 11,07 | 17,13 | 18,65 | 30,26 | 10,40 |
| Total Liabilities | % | 100 | 100 | 100 | 10,05 | 100 100 | 10,40 |
| ABS 65540. | | | | | | | |
| Non Financial assets | .001 (2 % | 73,9 | 82,8 | 85,5 | 81,1 | 72,9 | 76,9 |
| Housing | % | 26,8 | 62,1 | 70,2 | 67,7 | 55,0 | 59,8 |
| Tenant occupied dwelling | % | 9,9 | 8,9 | 8,9 | 10,5 | 21,2 | 16,3 |
| Owner occupied dwelling | % | 16,9 | 53,2 | 61,3 | 57,2 | 33,8 | 43,5 |
| Valuables | % | 46,6 | 19,9 | 14,2 | 11,8 | 5,8 | 9,7 |
| Business assets (net of liabilities) | % | 0,5 | 0,8 | 1,1 | 1,6 | 12,1 | 7,4 |
| Financial assets | % | 26,1 | 17,3 | 14,4 | 18,9 | 27,2 | 23,0 |
| Stocks | % | 1,1 | 1,1 | 1,1 | 2,1 | 7,9 | 5,2 |
| Deposits | % | 8,3 | 4,6 | 3,6 | 4,1 | 3,9 | 4,0 |
| Superannuation | % | 16,7 | 11,6 | 9,7 | 12,7 | 15,4 | 13,8 |
| Total Assets | % | 100 | 100 | 100 | 100 | 100 | 100 |
| Mortgage | % | 64,5 | 91,5 | 92,4 | 90,9 | 82,1 | 87,6 |
| Tenant occupied dwelling | % | 24,6 | 14,2 | 21,8 | 32,3 | 48,6 | 30,6 |
| Owner occupied dwelling | % | 39,9 | 77,3 | 70,6 | 58,6 | 33,6 | 57,0 |
| Student loans | % | 13,1 | 1,7 | 1,1 | 1,1 | 1 | 1,7 |
| Credit card | % | 7,5 | 2,2 | 2 | 1,8 | 1,9 | 2,2 |
| Other loans | % | 14,9 | 4,6 | 4,6 | 6,3 | 15,0 | 8,5 |
| Total Liabilities | % | 100 | 100 | 100 | 100 | 100 | 100 |
| HILDA WAY | | | | - | - | - | |
| Non Financial assets | % | 60,18 | 73,87 | 76,91 | 72,28 | 65,00 | 68,75 |
| Housing | % | 62,16 | 72,66 | 75,39 | 70,24 | 56,13 | 63,14 |
| Tenant occupied dwelling | % | 16,88 | 11,09 | 11,09 | 13,00 | 18,88 | 15,93 |
| Owner occupied dwelling | % | 45,29 | 61,57 | 64,30 | 57,24 | 37,25 | 47,21 |
| Business assets (net of liabilities) | % | -1,98 | 1,21 | 1,53 | 2,04 | 8,87 | 5,61 |
| Financial assets | % | 39,82 | 26,13 | 23,09 | 27,72 | 35,00 | 31,25 |
| Stocks | % | 2,11 | 1,53 | 1,63 | 3,44 | 10,02 | 6,67 |
| Deposits | % | 8,67 | 5,38 | 4,92 | 5,19 | 4,55 | 4,88 |
| Superannuation | % | 29,04 | 19,22 | 16,54 | 19,09 | 20,43 | 19,70 |
| Total Assets | % | 100 | 100 | 100 | 100 | 100 | 100 |
| Mortgage | % | 68,18 | 87,03 | 88,39 | 88,52 | 87,50 | 85,64 |
| Tenant occupied dwelling | % | 24,27 | 13,55 | 18,05 | 24,92 | 37,71 | 24,77 |
| Owner occupied dwelling | % | 43,91 | 73,48 | 70,34 | 63,61 | 49,79 | 60,87 |
| Student loans | % | 6,69 | 2,04 | 1,58 | 1,39 | 0,63 | 1,93 |
| Credit card | % | 3,07 | 1,55 | 1,40 | 1,04 | 0,53 | 1,30 |
| Other loans | % | 22,06 | 9,38 | 8,64 | 9,05 | 11,34 | 11,13 |
| - the source | 70 | 100 | 100 | 100 | 100 | 100 | 100 |

TABLE B.1: ASSETS AND LIABILITIES COMPOSITION BY WEALTH QUIN-TILE, 3 DIFFERENT SOURCES (2009)

| Wealth | Bottom 50 | Top 50_10 | Top 10_5 | Top 5_1 | Top 1 | All | Total (\$b) |
|-------------------------|------------------|-------------------|-------------------|------------------|---------------------|-------------------|--------------|
| | (| CAPITALIZI | ED INCOM | E: 2002 | | | |
| Non Financial Assets | 95 871 | 139 367 | 178 982 | 411 400 | 2 067 638 | 149 812 | 2 631 |
| Housing | 74 149 | 123 200 | 171 111 | 305 428 | 1 836 082 | 125 530 | 2 204 |
| Tenant occupied | 15 110 | 49 786 | 45 231 | 58 944 | 44 085 | 32 529 | 571 |
| Owner occupied | 59 040 | 73 414 | 125 880 | 246 484 | 1 791 997 | 93 001 | 1 633 |
| Business assets | 21 722 | 16 167 | 7 870 | 105 971 | 231 556 | 24 282 | 426 |
| Financial Assets | 50 760 | 64 525 | 67 279 | 251 073 | 894 570 | 73 564 | 1 292 |
| Stocks | 9 847 | 13 606 | 7 986 | 108 907 | 339 980 | 18 531 | 325 |
| Deposits | 11 350 | 17 790 | 22 282 | 30 918 | 47 233 | 15 615 | 274 |
| Superannuation | 29 562 | 33 129 | 37 012 | 111 247 | 507 358 | 39 419 | 692 |
| Mortgages | 35 409 | 35 684 | 7 030 | 58 113 | 42 671 | 35 082 | 616 |
| Tenant occupied | 13 766 | 32 517 | 4 775 | 53 696 | 10 564 | 22 382 | 393 |
| Owner occupied | 21 643 | 3 167 | 2 255 | 4 416 | 32 107 | 12 700 | 223 |
| Other debts | 4 516 | 5 107 7 547 | 2 233 14 030 | 4 410 33 515 | 216 867 | 9 493 | 223 167 |
| Student loans | 4 310 334 | 7 347 726 | 14 030 1 921 | 2 275 | 15 649 | 9 493 801 | 107 |
| Consumer loans | 2 375 | 3 643 | 8 610 | 16 802 | 13 649 116 752 | 4 918 | 14 86 |
| | 2 375 1 807 | 3 043 3 177 | 3 498 | 16 802 14 438 | | 4 918 3 774 | 86 66 |
| Business loans | | 203 892 | | | 84 466 2 962 208 | | |
| Assets | 146 631 | | 246 261 | 662 472 | | 223 376 | 3 923 782 |
| Liabilities | 39 925 | 43 231 | 21 060 | 91 627 | 259 538 | 44 574 | 783 |
| Net Worth | 106 706 | 160 661 | 225 201 | 570 845 | 2 702 670 | 178 802 | 3 140 |
| | | HILD | A: WAVE 2 | | | | |
| Non Financial Assets | 45 026 | 179 994 | 368 820 | 575 533 | 1 684 631 | 152 866 | 2 141 |
| Housing | 44 005 | 170 603 | 327 196 | 454 024 | 941 503 | 134 209 | 1 880 |
| Tenant occupied | 4 350 | 26 777 | 73 868 | 133 003 | 405 884 | 25 969 | 364 |
| Owner occupied | 39 655 | 143 826 | 253 328 | 321 021 | 535 619 | 108 239 | 1 516 |
| Business assets | 1 021 | 9 390 | 41 625 | 121 509 | 743 127 | 18 657 | 261 |
| Financial Assets | 18 245 | 87 595 | 220 589 | 380 931 | 856 312 | 79 015 | 1 107 |
| Stocks | 1 981 | 15 450 | 68 597 | 141 915 | 434 926 | 20 638 | 289 |
| Deposits | 4 037 | 15 242 | 27 496 | 54 915 | 120 073 | 12 892 | 181 |
| Superannuation | 12 226 | 56 903 | 124 496 | 184 101 | 301 313 | 45 486 | 637 |
| Mortgages | 20 601 | 30 820 | 36 109 | 34 404 | 83 298 | 26 645 | 373 |
| Tenant occupied | 2 6 5 2 | 8 262 | 12 486 | 14 127 | 50 163 | 6 323 | 89 |
| Owner occupied | 17 949 | 22 558 | 23 623 | 20 277 | 33 136 | 20 322 | 285 |
| Other debts | 5 269 | 4 207 | 7 203 | 8 980 | 17 211 | 5 209 | 205 73 |
| Student loans | 950 | 4 207 530 | 484 | 260 | 377 | 5 209 725 | 10 |
| Consumer loans | 930 665 | 330 467 | 404 275 | 200 379 | 945 | 558 | 8 |
| Business loans | 3 653 | 407 3 211 | 6 443 | 8 341 | 943 15 889 | 3 926 | 8 55 |
| | | | 6 443 589 409 | 8 341 956 464 | | | 55 3 248 |
| Assets Lighilities | 63 271 25 870 | 267 589 35 027 | | | 2 540 943 | 231 881 31 854 | |
| Liabilities | 25 870 27 401 | 35 027 | 43 311 546 008 | 43 383 | 100 509 | 31 854 | 446 |
| Net Worth | 37 401 | 232 561 | 546 098 | 913 081 | 2 440 434 | 200 028 | 2 802 |

TABLE B.2: AVERAGE WEALTH BY WEALTH GROUP: CAPITALIZED INCOME VS HILDA

| | | FI | ISCAL YEAR: 1994 | R: 1994 | | | | | |
|--------------------------|------------------|-----------|-------------------------|------------|------------|-------------|--------------|---------|-------|
| WEALTH | BOTTOM 90 | $ToP10_5$ | $ToP5_1$ | $ToP1_0.5$ | TOP0.5_0.1 | TOP0.1_0.05 | TOP0.05_0.01 | TOP0.01 | ALL |
| | | | ASSETS | [S | | | | | |
| Non Financial assets | 66,75 | 60,49 | 63,80 | 68,10 | 39,43 | 51,25 | 79,38 | 50,73 | 64,90 |
| Housing | 54,12 | 42,35 | 46,22 | 59,24 | 6,17 | 44,21 | 79,36 | 46,02 | 51,48 |
| Tenant occupied dwelling | 14,31 | 3,27 | 1,10 | 0,57 | 1,25 | 0,62 | 0,20 | 1,55 | 10,66 |
| Owner occupied dwelling | 39,81 | 39,09 | 45,13 | 58,67 | 4,92 | 43,59 | 79,16 | 44,47 | 40,82 |
| Business assets | 12,63 | 18, 14 | 17,58 | 8,86 | 33,26 | 7,04 | 0,02 | 4,71 | 13,42 |
| Financial assets | 33,25 | 39,51 | 36,20 | 31,90 | 60,57 | 48,75 | 20,62 | 49,27 | 35,10 |
| Stocks | 3,78 | 13,05 | 12,15 | 9,77 | 50,97 | 22,11 | -0,02 | 36,21 | 7,86 |
| Deposits | 12,11 | 6,87 | 4,69 | 1,75 | 5,29 | 1,20 | 0,14 | 1,47 | 9,80 |
| Superannuation | 17,37 | 19,59 | 19,35 | 20,38 | 4,31 | 25,44 | 20,50 | 11,59 | 17,44 |
| Total Assets | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | LIABILI | TIES | | | | | |
| Mortgage | 74,91 | 48,58 | 45,08 | 39,53 | 10,36 | 6,33 | 15,26 | 16,51 | 68,52 |
| Tenant occupied dwelling | 30,77 | 36,95 | 28,82 | 13,49 | 4,52 | 0,26 | 0,12 | 1,59 | 28,78 |
| Owner occupied dwelling | 44,13 | 11,63 | 16,26 | 26,04 | 5,84 | 6,06 | 15,14 | 14,92 | 39,74 |
| Student loans | 2,38 | 4,07 | 4,78 | 3,28 | 5,77 | 6,04 | 5,16 | 5,08 | 2,73 |
| Other loans | 12,69 | 28,60 | 29,78 | 61,45 | 21,27 | 22,87 | 45,77 | 45,10 | 15,74 |
| Business loans | 10,02 | 18,75 | 20,35 | -4,25 | 62,60 | 64,77 | 33,81 | 33,31 | 13,01 |
| Total Liabilities | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

TABLE B.3: ASSETS AND LIABILITIES COMPOSITION BY WEALTH PERCENTILE (1994)

| Borrtom 90Torl0.5Torl0.1Dorl.0.5Torl0.1.0.05lassets $66,63$ $66,23$ $66,23$ $66,68$ $75,37$ $65,28$ $46,14$ lassets $54,04$ $59,45$ $51,87$ $71,06$ $46,32$ 202 sets $54,04$ $59,45$ $51,87$ $71,06$ $46,32$ 202 sets $35,99$ $49,01$ $50,47$ $70,81$ $44,13$ $91,93$ sets $33,37$ $33,32$ $24,43$ $34,74$ $7,61$ sets $33,37$ $33,32$ $24,63$ $34,74$ $7,61$ sets $33,37$ $33,32$ $24,63$ $34,74$ $7,61$ sets $33,37$ $33,32$ $24,63$ $34,74$ $7,61$ sets $33,37$ $33,32$ $20,63$ $17,24$ $3,74$ $7,61$ ation 100 100 100 100 100 100 100 ation $16,92$ $22,13$ $20,63$ $21,26$ $13,20$ $2,29$ sets $81,27$ $62,37$ $44,59$ $17,32$ $24,21$ $97,65$ ation 100 100 100 100 100 100 100 ation $16,92$ $22,13$ $20,63$ $21,26$ $17,32$ $24,21$ $97,65$ ation 100 100 100 100 100 100 100 100 ation $12,64$ $47,76$ $27,57$ $1,64$ $6,63$ $96,91$ apied dwelling $8,86$ $25,86$ 3 | | | FI | ISCAL YEAR: 1995 | R: 1995 | | | | | |
|---|------------------------|----------|--------------|------------------|------------|--------------|---------------|--------------|---------|-------|
| ASSETSASSETSial assets $66/63$ $66/23$ $66/68$ $77/37$ $65/28$ $54/04$ $59/45$ $51/87$ $71/06$ $46/32$ $52/90$ $10/44$ $1/40$ $0/26$ $1/18$ $52/90$ $49/01$ $50/47$ $70/81$ $45/14$ $55/99$ $49/01$ $50/47$ $70/81$ $45/14$ $55/99$ $49/01$ $50/47$ $70/81$ $45/14$ $55/99$ $49/01$ $50/47$ $70/81$ $45/14$ $55/37$ $33/77$ $33/32$ $24/63$ $34/72$ $5/23$ $4/47$ $9/20$ $2/133$ $17/78$ $11/21$ $7/17$ $3/49$ $1/244$ $3/72$ $11/21$ $7/17$ $3/49$ $1/244$ $3/77$ $11/21$ $7/17$ $3/49$ $1/244$ $3/77$ $11/21$ $7/17$ $3/49$ $1/244$ $3/77$ $11/21$ $7/17$ $3/49$ $1/244$ $3/77$ $11/21$ $7/17$ $3/49$ $1/244$ $3/77$ $11/21$ $7/17$ $3/49$ $1/244$ $3/77$ $11/21$ $7/17$ $3/49$ $1/244$ $3/77$ $11/21$ $7/17$ $3/49$ $1/244$ $3/77$ $11/21$ $7/17$ $3/49$ $1/726$ $13/26$ $11/21$ $7/17$ $3/49$ $1/726$ $13/26$ $11/21$ $7/17$ $2/757$ $1/64$ $6/63$ $11/21$ $1/7/76$ $17/32$ $24/21$ $11/702$ $12/66$ $17/76$ $17/57$ <t< th=""><th></th><th>OTTOM 90</th><th>$ToP10_{-5}$</th><th>$TOP5_1$</th><th>$ToP1_0.5$</th><th>$TOP0.5_0.1$</th><th>$ToP0.1_0.05$</th><th>TOP0.05_0.01</th><th>TOP0.01</th><th>ALL</th></t<> | | OTTOM 90 | $ToP10_{-5}$ | $TOP5_1$ | $ToP1_0.5$ | $TOP0.5_0.1$ | $ToP0.1_0.05$ | TOP0.05_0.01 | TOP0.01 | ALL |
| ial assets $66,63$ $66,23$ $66,68$ $75,37$ $65,28$ $54,04$ $59,45$ $51,87$ $71,06$ $46,32$ $5cupied dwelling$ $35,99$ $49,01$ $50,47$ $70,81$ $45,14$ $35,99$ $49,01$ $50,47$ $70,81$ $45,14$ $35,99$ $49,01$ $50,47$ $70,81$ $45,14$ $35,99$ $49,01$ $50,47$ $70,81$ $45,14$ $35,99$ $49,01$ $50,47$ $70,81$ $45,14$ $35,23$ $4,47$ $9,20$ $2,13$ $17,78$ $33,37$ $33,77$ $33,32$ $24,63$ $34,72$ $35,23$ $4,47$ $9,20$ $2,13$ $17,78$ $37,49$ $11,21$ $7,17$ $3,49$ $1,24$ $3,74$ $37,49$ $11,21$ $7,17$ $3,49$ $1,778$ $37,49$ $11,21$ $7,17$ $3,49$ $1,778$ $37,49$ $1,24$ $3,74$ $3,74$ $37,49$ $1,24$ $3,74$ $3,74$ $37,49$ $1,24$ $3,74$ $3,74$ $37,49$ $1,24$ $3,77$ $3,77$ $38,127$ $62,37$ $44,59$ $1,732$ $24,63$ $31,26$ $32,766$ $17,732$ $24,73$ $37,732$ $31,26$ $6,69$ $5,05$ $4,776$ $5,757$ $1,757$ $32,80$ $14,61$ $17,702$ $16,46$ $6,63$ $31,95$ $31,95$ $47,79$ $47,79$ $47,79$ $32,80$ $14,61$ $17,702$ $17,732$ $24,21$ <td></td> <td></td> <td></td> <td>ASSET</td> <td>s</td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | | ASSET | s | | | | | |
| 54,0459,45 $51,87$ $71,06$ $46,32$ occupied dwelling18,0610,44 $1,40$ $0,26$ $1,18$ occupied dwelling35,9949,01 $50,47$ $70,81$ $45,14$ assets35,37 $33,37$ $33,32$ $24,63$ $34,72$ sets $33,37$ $33,37$ $33,32$ $24,63$ $34,72$ sets $5,23$ $4,47$ $9,20$ $2,13$ $17,78$ uation $10,21$ $7,17$ $3,49$ $1,24$ $3,74$ $11,21$ $7,17$ $3,49$ $1,24$ $3,74$ $11,21$ $7,17$ $3,49$ $1,24$ $3,74$ $11,21$ $7,17$ $3,49$ $1,24$ $3,74$ $11,21$ $7,17$ $3,49$ $1,24$ $3,74$ $11,21$ $7,17$ $3,49$ $1,24$ $3,74$ $11,21$ $7,17$ $3,49$ $1,24$ $3,74$ $12,21$ $7,17$ $3,49$ $1,24$ $3,74$ $12,21$ $7,17$ $3,49$ $1,24$ $3,74$ $12,21$ $7,17$ $3,49$ $1,24$ $3,74$ $12,22,13$ $20,63$ $21,26$ $13,70$ 100 100 100 100 100 100 100 100 100 $12,4$ $3,74$ $3,74$ $3,74$ $3,74$ $3,74$ $12,757$ $1,64$ $6,63$ $12,757$ $1,64$ $6,63$ $12,66$ $17,22$ $24,21$ $13,75$ $6,93$ $31,95$ $47,96$ </td <td>inancial assets</td> <td>66,63</td> <td>66,23</td> <td>66,68</td> <td>75,37</td> <td>65,28</td> <td>46,14</td> <td>42,62</td> <td>19,04</td> <td>66,17</td> | inancial assets | 66,63 | 66,23 | 66,68 | 75,37 | 65,28 | 46,14 | 42,62 | 19,04 | 66,17 |
| occupied dwelling18,0610,441,400,261,18occupied dwelling $35,99$ $49,01$ $50,47$ $70,81$ $45,14$ assets $33,37$ $33,77$ $33,32$ $24,63$ $34,72$ assets $11,21$ $7,17$ $3,39$ $12,43$ $37,72$ sets $5,23$ $4,47$ $9,20$ $2,13$ $17,78$ $11,21$ $7,17$ $3,49$ $1,24$ $3,74$ $11,21$ $7,17$ $3,49$ $1,24$ $3,74$ 100 $17,32$ $24,21$ $1,56$ $6,69$ $5,05$ $4,776$ $27,57$ $1,64$ $6,63$ $1,56$ $17,68$ $17,72$ $15,68$ $17,57$ $1,56$ $5,05$ $4,79$ $4,79$ $4,79$ $4,756$ $1,56$ $6,69$ $5,05$ $4,79$ $4,756$ $1,56$ $17,62$ $17,62$ $17,63$ $17,57$ $1,56$ $14,61$ $17,02$ $15,68$ $17,57$ $1,56$ $14,66$ $5,05$ <t< td=""><td>Ising</td><td>54,04</td><td>59,45</td><td>51,87</td><td>71,06</td><td>46,32</td><td>2,02</td><td>2,48</td><td>4,63</td><td>53,49</td></t<> | Ising | 54,04 | 59,45 | 51,87 | 71,06 | 46,32 | 2,02 | 2,48 | 4,63 | 53,49 |
| occupied dwelling $35,99$ $49,01$ $50,47$ $70,81$ $45,14$ assets $12,59$ $6,78$ $14,81$ $4,31$ $18,96$ assets $33,37$ $33,77$ $33,32$ $24,63$ $34,72$ sets $5,23$ $4,47$ $9,20$ $2,13$ $17,78$ $11,21$ $7,17$ $3,49$ $1,24$ $3,74$ $11,21$ $7,17$ $3,49$ $1,24$ $3,74$ $11,21$ $7,17$ $3,49$ $1,24$ $3,74$ 100 $17,50$ | mant occupied dwelling | 18,06 | 10,44 | 1,40 | 0,26 | 1,18 | 1,98 | 2,47 | 4,63 | 14,33 |
| assets 12,59 6,78 14,81 4,31 18,96 sets 33,37 33,77 33,32 24,63 34,72 5,23 $4,47$ 9,20 2,13 17,78 11,21 7,17 3,49 1,24 3,74 16,92 22,13 20,63 21,26 13,20 100 | wner occupied dwelling | 35,99 | 49,01 | 50,47 | 70,81 | 45,14 | 0,03 | 0,02 | 00′0 | 39,16 |
| sets $33,37$ $33,77$ $33,32$ $24,63$ $34,72$ $5,23$ $4,47$ $9,20$ $2,13$ $17,78$ $11,21$ $7,17$ $3,49$ $1,24$ $3,74$ $11,21$ $7,17$ $3,49$ $1,24$ $3,74$ 100 $17,32$ $24,21$ $17,57$ $17,65$ $47,56$ $47,56$ $47,56$ $18,86$ $25,86$ $31,95$ $41,58$ $40,07$ 100 100 100 100 100 $17,57$ | iness assets | 12,59 | 6,78 | 14,81 | 4,31 | 18,96 | 44,13 | 40,14 | 14,41 | 12,68 |
| 5,23 $4,47$ $9,20$ $2,13$ $17,78$ $11,21$ $7,17$ $3,49$ $1,24$ $3,74$ $11,21$ $7,17$ $3,49$ $1,24$ $3,74$ 100 100 100 100 100 100 100 100 100 100 100 100 LIABILITIES $81,27$ $62,37$ $44,59$ $17,32$ $24,21$ $81,27$ $62,37$ $44,59$ $17,32$ $24,21$ $81,27$ $62,37$ $44,59$ $17,32$ $24,21$ $6,69$ $5,05$ $4,776$ $27,57$ $1,64$ $6,63$ $1,56$ $6,69$ $5,05$ $4,79$ $4,56$ $4,76$ ns $8,86$ $25,86$ $31,95$ $41,58$ $40,07$ ns $8,31$ $5,09$ $18,42$ $36,30$ $31,16$ ns $8,31$ $5,09$ $18,42$ $36,30$ $31,16$ | ial assets | 33,37 | 33,77 | 33,32 | 24,63 | 34,72 | 53,86 | 57,38 | 80,96 | 33,83 |
| uation $11,21$ $7,17$ $3,49$ $1,24$ $3,74$ uation $16,92$ $22,13$ $20,63$ $21,26$ $13,20$ 100 $12,75$ $44,59$ $17,32$ $24,21$ $15,68$ $17,57$ $1,461$ $17,02$ $15,68$ $17,57$ $1,56$ $6,69$ $5,05$ $4,779$ $4,56$ $40,07$ $1,56$ $6,69$ $5,05$ $41,58$ $40,07$ $1,56$ $18,42$ $36,30$ $31,16$ $1,50$ $18,42$ $36,30$ $31,16$ | ks | 5,23 | 4,47 | 9,20 | 2,13 | 17,78 | 43,97 | 49,52 | 75,35 | 6,98 |
| uation $16,92$ $22,13$ $20,63$ $21,26$ $13,20$ 100 120 $17,32$ $24,21$ $6,63$ $1,56$ $6,69$ $5,77$ $1,64$ $6,63$ $1,56$ $1,7,92$ $15,68$ $17,57$ $17,57$ ns $1,56$ $5,05$ $4,776$ $27,57$ $4,79$ ns $8,86$ $25,86$ $31,95$ $41,58$ $40,07$ ns $8,31$ $5,09$ $18,42$ $36,30$ $31,16$ ns ns ns ns ns ns | osits | 11,21 | 7,17 | 3,49 | 1,24 | 3,74 | 7,61 | 6,24 | 4,87 | 9,44 |
| 100 100 100 100 100 100 100 $IIABILITIES$ 17,32 24,59 17,32 24,21 cupied dwelling $48,46$ $47,76$ $27,57$ $1,64$ $6,63$ as $1,56$ $6,69$ $5,05$ $4,79$ $4,56$ $17,57$ as $1,56$ $6,69$ $5,05$ $4,79$ $4,56$ $40,07$ as $8,86$ $25,86$ $31,95$ $41,58$ $40,07$ as $8,31$ $5,09$ $18,42$ $36,30$ $31,16$ | erannuation | 16,92 | 22,13 | 20,63 | 21,26 | 13,20 | 2,29 | 1,62 | 0,74 | 17,42 |
| LIABILITIEScupied dwelling $81,27$ $62,37$ $44,59$ $17,32$ $24,21$ 9 cupied dwelling $48,46$ $47,76$ $27,57$ $1,64$ $6,63$ 9 as $32,80$ $14,61$ $17,02$ $15,68$ $17,57$ 9 $1,56$ $6,69$ $5,05$ $4,79$ $4,56$ $8,86$ $25,86$ $31,95$ $41,58$ $40,07$ ns $8,31$ $5,09$ $18,42$ $36,30$ $31,16$ | ssets | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 81,27 $62,37$ $44,59$ $17,32$ $24,21$ 9 cupied dwelling $48,46$ $47,76$ $27,57$ $1,64$ $6,63$ 9 as $32,80$ $14,61$ $17,02$ $15,68$ $17,57$ $17,57$ as $1,56$ $6,69$ $5,05$ $4,79$ $4,56$ $8,86$ $25,86$ $31,95$ $41,58$ $40,07$ as $8,31$ $5,09$ $18,42$ $36,30$ $31,16$ ans 400 400 400 400 | | | | LIABILI | TIES | | | | | |
| cupied dwelling $48/46$ $47/76$ $27,57$ $1,64$ $6,63$ 9 cupied dwelling $32,80$ $14,61$ $17,02$ $15,68$ $17,57$ ns $1,56$ $6,69$ $5,05$ $4,79$ $4,56$ ns $8,86$ $25,86$ $31,95$ $41,58$ $40,07$ ns $8,31$ $5,09$ $18,42$ $36,30$ $31,16$ ns 400 400 400 400 | age | 81,27 | 62,37 | 44,59 | 17,32 | 24,21 | 97,65 | 00'66 | 99,87 | 77,20 |
| cupied dwelling $32,80$ $14,61$ $17,02$ $15,68$ $17,57$ ns $1,56$ $6,69$ $5,05$ $4,79$ $4,56$ ns $8,86$ $25,86$ $31,95$ $41,58$ $40,07$ ns $8,31$ $5,09$ $18,42$ $36,30$ $31,16$ ns 700 100 100 100 100 | ant occupied dwelling | 48,46 | 47,76 | 27,57 | 1,64 | 6,63 | 96,91 | 98,69 | 99,83 | 46,20 |
| ns $1,56$ $6,69$ $5,05$ $4,79$ $4,56$ $8,86$ $25,86$ $31,95$ $41,58$ $40,07$ $8,31$ $5,09$ $18,42$ $36,30$ $31,16$ 100 100 100 100 100 | ner occupied dwelling | 32,80 | 14,61 | 17,02 | 15,68 | 17,57 | 0,74 | 0,32 | 0,04 | 31,00 |
| 8,86 25,86 31,95 41,58 40,07 8,31 5,09 18,42 36,30 31,16 700 700 700 700 700 700 700 | it loans | 1,56 | 6,69 | 5,05 | 4,79 | 4,56 | -0,03 | -0,01 | 00'0 | 1,98 |
| 8,31 5,09 18,42 36,30 31,16 1 100 100 100 100 100 100 | loans | 8,86 | 25,86 | 31,95 | 41,58 | 40,07 | -9,73 | -4,13 | -0,53 | 11,40 |
| | ss loans | 8,31 | 5,09 | 18,42 | 36,30 | 31,16 | 12,10 | 5,14 | 0,66 | 9,42 |
| | abilities | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

TABLE B.4: ASSETS AND LIABILITIES COMPOSITION BY WEALTH PERCENTILE (1995)

| | | FI | ISCAL YEAR: 1996 | R: 1996 | | | | | |
|--------------------------|------------------|-----------|------------------|-------------|--------------|----------------|--------------|---------|-------|
| WEALTH | BOTTOM 90 | $ToP10_5$ | $ToP5_1$ | $ToP1_0.5$ | $Top0.5_0.1$ | $TOP0.1_0.05$ | TOP0.05_0.01 | TOP0.01 | ALL |
| | | | ASSETS | LS | | | | | |
| Non Financial assets | 63,47 | 66,53 | 66,43 | | 74,44 | 18,67 | 56,53 | 66,37 | 64,32 |
| Housing | 47,84 | 54,23 | 61,98 | 65,82 | 74,17 | 10,39 | 37,96 | 61,13 | 51,29 |
| Tenant occupied dwelling | 14,63 | 7,91 | 3,55 | 2,57 | 0,28 | 10,24 | 3,91 | 1,54 | 11,55 |
| Owner occupied dwelling | 33,21 | 46,32 | 58,44 | 63,26 | 73,89 | 0,15 | 34,05 | 59,59 | 39,73 |
| Business assets | 15,63 | 12,30 | 4,45 | 3,13 | 0,27 | 8,28 | 18,57 | 5,24 | 13,04 |
| Financial assets | 36,53 | 33,47 | 33,57 | 31,04 | 25,56 | 81,33 | 43,47 | 33,63 | 35,68 |
| Stocks | 6,47 | 4,95 | 6,78 | 69'6 | 0,89 | 70,37 | 30,59 | 15,72 | 7,09 |
| Deposits | 12,16 | 7,40 | 4,12 | 2,51 | 0,78 | 8,84 | 2,79 | 0,91 | 9,83 |
| Superannuation | 17,90 | 21,12 | 22,67 | 18,83 | 23,89 | 2,12 | 10,09 | 17,00 | 18,75 |
| Total Assets | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | LIABILI | TIES | | | | | |
| Mortgage | 82,16 | 23,69 | 17,81 | 13,30 | 16,07 | 101,03 | 26,66 | 22,38 | 71,68 |
| Tenant occupied dwelling | 40,81 | 8,52 | 2,96 | 1,57 | 0,20 | 100,58 | 7,87 | 2,52 | 34,71 |
| Owner occupied dwelling | 41,36 | 15,17 | 14,85 | 11,73 | 15,88 | 0,44 | 18,79 | 19,86 | 36,97 |
| Student loans | 1,56 | 11,04 | 7,00 | 2,86 | 6,08 | -0,02 | 3,22 | 3,40 | 2,46 |
| Other loans | 8,56 | 47,04 | 38,74 | 35,19 | 48,77 | -6,70 | 53,65 | 56,96 | 14,16 |
| Business loans | 12,71 | 18,23 | 36,45 | 48,64 | 29,08 | 5,69 | 16,47 | 17,26 | 11,70 |
| Total Liabilities | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

TABLE B.5: ASSETS AND LIABILITIES COMPOSITION BY WEALTH PERCENTILE (1996)

| | | FI | ISCAL YEAR: 1997 | .R: 1997 | | | | | |
|--------------------------|-----------|-----------|-------------------------|------------|--------------|---------------|--------------|---------|-------|
| WEALTH | BOTTOM 90 | $ToP10_5$ | $ToP5_1$ | $ToP1_0.5$ | $Top0.5_0.1$ | $Top0.1_0.05$ | TOP0.05_0.01 | TOP0.01 | ALL |
| | | | ASSETS | ΓS | | | | | |
| Non Financial assets | 63,38 | 64,78 | 69,35 | 49,50 | 60,33 | 51,07 | 42,70 | 37,04 | 63,21 |
| Housing | 50,81 | 56,74 | 63,99 | 17,37 | 39,62 | 15,34 | 5,10 | 4,41 | 50,50 |
| Tenant occupied dwelling | 11,37 | 4,80 | 4,38 | 4,68 | 3,05 | 4,66 | 5,08 | 4,41 | 9,65 |
| Owner occupied dwelling | 39,44 | 51,95 | 59,61 | 12,68 | 36,57 | 10,68 | 0,02 | 0,00 | 40,84 |
| Business assets | 12,57 | 8,04 | 5,36 | 32,14 | 20,71 | 35,72 | 37,60 | 32,62 | 12,71 |
| Financial assets | 36,62 | 35,22 | 30,65 | 50,50 | 39,67 | 48,93 | 57,30 | 62,96 | 36,79 |
| Stocks | 5,99 | 4,61 | 4,56 | 34,70 | 22,57 | 39,89 | 51,27 | 60,01 | 7,88 |
| Deposits | 11,00 | 6,23 | 5,36 | 6,11 | 3,23 | 3,98 | 4,56 | 2,65 | 9,58 |
| Superannuation | 19,64 | 24,38 | 20,73 | 9,68 | 13,86 | 5,06 | 1,47 | 0,30 | 19,33 |
| Total Åssets | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | LIABILI | TIES | | | | | |
| Mortgage | 72,11 | 35,64 | 24,06 | 53,03 | 16,51 | 29,58 | 99,81 | 99,94 | 67,52 |
| Tenant occupied dwelling | 27,22 | 15,97 | 7,46 | 33,16 | 4,38 | 19,34 | 99,73 | 99,92 | 25,52 |
| Owner occupied dwelling | 44,89 | 19,66 | 16,60 | 19,87 | 12,13 | 10,24 | 0,08 | 0,03 | 42,00 |
| Student loans | 2,37 | 11,61 | 4,66 | 2,54 | 3,98 | 3,36 | 00′0 | 0,00 | 2,82 |
| Other loans | 13,16 | 44,68 | 45,64 | 45,41 | 34,35 | 28,72 | -1,27 | -0,40 | 16,24 |
| Business loans | 12,36 | 8,07 | 25,64 | -0,98 | 45,16 | 38,34 | 1,47 | 0,46 | 13,42 |
| Total Liabilities | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

TABLE B.6: ASSETS AND LIABILITIES COMPOSITION BY WEALTH PERCENTILE (1997)

| WEALTH | | L | ISCAL YEAK: 1990 | K: 1770 | | | | | |
|--------------------------|------------------|-----------|------------------|----------|------------|---------------|--------------|---------|-------|
| | BOTTOM 90 | $ToP10_5$ | $TOP5_1$ | TOP1_0.5 | TOP0.5_0.1 | $ToP0.1_0.05$ | TOP0.05_0.01 | TOP0.01 | ALL |
| | | | ASSET | S | | | | | |
| Non Financial assets | 62,76 | 67,21 | 66,04 | | 46,28 | 44,23 | 40,46 | 19,00 | 62,67 |
| Housing | 50,55 | 56,16 | 56,85 | 63,76 | 12,68 | 4,07 | 4,18 | 2,30 | 50,12 |
| Tenant occupied dwelling | 11,66 | 0,79 | 4,02 | | 3,86 | 4,04 | 4,16 | 2,30 | 9,43 |
| Owner occupied dwelling | 38,89 | 55,36 | 52,84 | | 8,82 | 0,03 | 0,02 | 0,01 | 40,69 |
| Business assets | 12,20 | 11,06 | 9,19 | | 33,60 | 40,16 | 36,28 | 16,70 | 12,54 |
| Financial assets | 37,24 | | 33,96 | | 53,72 | 55,77 | 59,54 | 81,00 | 37,33 |
| Stocks | 6,63 | | 9,11 | | 39,44 | 47,35 | 52,48 | 75,35 | 8,24 |
| Deposits | 10,84 | 2,77 | 5,17 | | 6,43 | 5,92 | 5,47 | 5,28 | 9,21 |
| Superannuation | 19,77 | | 19,68 | | 7,85 | 2,49 | 1,59 | 0,36 | 19,88 |
| Total Assets | 100 | | 100 | | 100 | 100 | 100 | 100 | 100 |
| | | | LIABILI | | | | | | |
| Mortgage | 70,55 | 32,04 | 19,99 | 27,89 | 57,51 | 99,56 | 99,76 | 98,99 | 66,33 |
| Tenant occupied dwelling | 28,41 | 11,37 | 6,17 | | 41,39 | 99,43 | 99,68 | 99,81 | 26,56 |
| Owner occupied dwelling | 42,14 | 20,67 | 13,82 | | 16,11 | 0,13 | 0,07 | 0,04 | 39,77 |
| Student loans | 2,67 | 6,40 | 4,91 | | 2,30 | -0,01 | 00′0 | 00′0 | 2,92 |
| Other loans | 14,06 | 39,93 | 42,79 | | 41,35 | -2,28 | -1,27 | -0,75 | 16,83 |
| Business loans | 12,72 | | 32,31 | | -1,15 | 2,73 | 1,51 | 0,89 | 13,91 |
| Total Liabilities | 100 | 100 | 100 | | 100 | 100 | 100 | 100 | 100 |

TABLE B.7: ASSETS AND LIABILITIES COMPOSITION BY WEALTH PERCENTILE (1998)

| WEALTH | BOTTOM 90 | TOP10_5 | TOP5_1 | TOP1_0.5 | TOP0.5_0.1 | $TOP0.1_0.05$ | TOP0.05_0.01 | TOP0.01 | ALL |
|--------------------------|-----------|---------|---------|----------|------------|---------------|--------------|---------|-------|
| | | | ASSET | [S | | | | | |
| Non Financial assets | 63,41 | 69,74 | 62,45 | | 42,57 | 43,90 | 31,96 | 10,39 | 62,33 |
| Housing | 52,66 | 66,34 | 48,10 | | 2,50 | 2,42 | 2,33 | 0,99 | 50,72 |
| Tenant occupied dwelling | 12,51 | | 1,81 | | 2,44 | 2,40 | 2,32 | 0,99 | 10,26 |
| Owner occupied dwelling | 40,15 | | 46,29 | | 0,05 | 0,02 | 0,01 | 00'0 | 40,46 |
| Business assets | 10,75 | | 14,35 | | 40,07 | 41,48 | 29,63 | 9,40 | 11,61 |
| Financial assets | 36,59 | 30,26 | 37,55 | 33,85 | 57,43 | 56,10 | 68,04 | 89,61 | 37,67 |
| Stocks | 6,27 | | 10,57 | | 46,85 | 48,27 | 62,45 | 86,64 | 9,10 |
| Deposits | 9,95 | | 3,41 | | 6,08 | 5,11 | 4,35 | 2,52 | 8,63 |
| Superannuation | 20,37 | | 23,57 | | 4,51 | 2,72 | 1,24 | 0,44 | 19,94 |
| Total <i>Āssets</i> | 100 | | 100 | | 100 | 100 | 100 | 100 | 100 |
| | | | LIABILI | Ш | | | | | |
| Mortgage | 72,04 | | 42,73 | 43,09 | 98,86 | 99,51 | 99,74 | 99,84 | 68,48 |
| Tenant occupied dwelling | 34,23 | 9,83 | 26,07 | | 98,48 | 99,34 | 99,65 | 99,78 | 32,76 |
| Owner occupied dwelling | 37,81 | | 16,67 | | 0,39 | 0,17 | 60'0 | 0,06 | 35,72 |
| Student loans | 2,40 | 5,27 | 8,71 | | -0,02 | -0,01 | 0000 | 00′0 | 2,74 |
| Other loans | 13,17 | | 43,82 | | -7,64 | -3,32 | -1,78 | -1,11 | 15,76 |
| Business loans | 12,39 | | 4,74 | | 8,80 | 3,82 | 2,05 | 1,28 | 13,03 |
| Total Liabilities | 100 | 100 | 100 | | 100 | 100 | 100 | 100 | 100 |

TABLE B.8: ASSETS AND LIABILITIES COMPOSITION BY WEALTH PERCENTILE (1999)

| WEALTH | | F | ISCAL YEAR: 2000 | R: 2000 | | | | | |
|--------------------------|------------------|-----------|------------------|------------|--------------|---------------|----------------|---------|-------|
| | BOTTOM 90 | $ToP10_5$ | ToP5_1 | $ToP1_0.5$ | $Top0.5_0.1$ | $ToP0.1_0.05$ | $ToP0.05_0.01$ | TOP0.01 | ALL |
| | | | ASSET | S | | | | | |
| Non Financial assets | 64,74 | 66,05 | 65,22 | | 43,05 | 43,02 | 29,70 | 10,18 | 63,19 |
| Housing | 55,07 | 58,06 | 57,42 | 35,00 | 1,13 | 1,07 | 1,16 | 1,57 | 52,47 |
| Tenant occupied dwelling | 15,37 | 4,49 | 3,36 | | 1,08 | 1,05 | 1,14 | 1,57 | 12,29 |
| Owner occupied dwelling | 39,70 | 53,57 | 54,05 | | 0,05 | 0,02 | 0,01 | 0,00 | 40,17 |
| Business assets | 9,67 | 66'2 | 7,81 | | 41,92 | 41,94 | 28,55 | 8,60 | 10,72 |
| Financial assets | 35,26 | 33,95 | 34,78 | | 56,95 | 56,98 | 70,30 | 89,82 | 36,81 |
| Stocks | 6,60 | 3,12 | 6,64 | | 45,49 | 48,06 | 64,15 | 84,88 | 9,19 |
| Deposits | 9,08 | 3,79 | 3,37 | | 6,67 | 5,85 | 4,75 | 4,13 | 7,82 |
| Superannuation | 19,58 | | 24,77 | | 4,79 | 3,08 | 1,40 | 0,81 | 19,81 |
| Total Assets | 100 | 100 | 100 | | 100 | 100 | 100 | 100 | 100 |
| | | | LIABILI | | | | | | |
| Mortgage | 77,77 | 48,99 | 23,15 | | 86'66 | 96'66 | 96,98 | 100,00 | 72,73 |
| Tenant occupied dwelling | 44,84 | 35,12 | 13,47 | | 99,75 | 99,53 | 99,78 | 99,95 | 42,23 |
| Owner occupied dwelling | 32,93 | 13,86 | 9,68 | | 0,23 | 0,42 | 0,20 | 0,04 | 30,50 |
| Student loans | 2,10 | 4,49 | 4,62 | 4,18 | -0,01 | -0,02 | -0,01 | 0,00 | 2,37 |
| Other loans | 11,37 | 29,54 | 32,91 | | -3,68 | -6,92 | -3,25 | -0,68 | 13,63 |
| Business loans | 8,76 | 16,99 | 39,32 | | 3,72 | 6,98 | 3,28 | 0,68 | 11,27 |
| Total Liabilities | 100 | 100 | 100 | | 100 | 100 | 100 | 100 | 100 |

TABLE B.9: ASSETS AND LIABILITIES COMPOSITION BY WEALTH PERCENTILE (2000)

| | | FI | ISCAL YEAR: 200 | R: 2001 | | | | | |
|--------------------------|------------------|-----------|------------------------|------------|------------|---------------|--------------|---------|-------|
| WEALTH | BOTTOM 90 | $ToP10_5$ | $ToP5_1$ | $ToP1_0.5$ | TOP0.5_0.1 | $Top0.1_0.05$ | TOP0.05_0.01 | TOP0.01 | ALL |
| | | | ASSETS | S | | | | | |
| Non Financial assets | 62,93 | 64,99 | 71,94 | | 63,38 | 58,48 | 52,43 | 29,90 | 64,22 |
| Housing | 54,31 | 50,75 | 63,21 | 69,68 | 22,38 | 1,45 | 3,26 | 3,84 | 53,50 |
| Tenant occupied dwelling | 17,94 | 4,65 | 1,67 | 3,62 | 2,10 | 1,41 | 3,24 | 3,83 | 13,49 |
| Owner occupied dwelling | 36,36 | 46,10 | 61,54 | 66,06 | 20,29 | 0,04 | 0,02 | 0,01 | 40,02 |
| Business assets | 8,62 | 14,24 | 8,72 | 4,78 | 41,00 | 57,03 | 49,16 | 26,06 | 10,71 |
| Financial assets | 37,07 | 35,01 | 28,06 | 25,55 | 36,62 | 41,52 | 47,57 | 70,10 | 35,78 |
| Stocks | 9,35 | 8,99 | 2,94 | 1,67 | 23,76 | 33,54 | 41,80 | 63,40 | 9,45 |
| Deposits | 9,64 | 4,02 | 1,37 | 0,88 | 3,43 | 4,55 | 4,14 | 5,44 | 7,56 |
| Superannuation | 18,09 | 22,00 | 23,75 | 23,00 | 9,44 | 3,43 | 1,64 | 1,25 | 18,77 |
| Total Åssets | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | LIABILI | TIES | | | | | |
| Mortgage | 82,55 | 43,52 | 38,40 | 68,50 | 69,29 | 91,77 | 94'46 | 99,29 | 76,97 |
| Tenant occupied dwelling | 50,68 | 30,19 | 20,69 | 49,23 | 50,72 | 66'06 | 67,77 | 99,22 | 47,38 |
| Owner occupied dwelling | 31,87 | 13,32 | 17,71 | 19,27 | 18,57 | 0,78 | 0,19 | 0,07 | 29,59 |
| Student loans | 1,62 | 3,90 | 4,27 | 1,63 | 1,57 | 00'0 | 00′0 | 00'0 | 1,94 |
| Other loans | 8,86 | 28,95 | 31,36 | 26,93 | 25,95 | 1,00 | 0,25 | 0,09 | 11,89 |
| Business loans | 6,96 | 23,63 | 25,97 | 2,94 | 3,19 | 7,23 | 1,79 | 0,63 | 9,21 |
| Total Liabilities | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

TABLE B.10: ASSETS AND LIABILITIES COMPOSITION BY WEALTH PERCENTILE (2001)

| | | FI | FISCAL YEAR: 2002 | R: 2002 | | | | | |
|--------------------------|------------------|-----------|-------------------|-------------|--------------|----------------|--------------|---------|-------|
| WEALTH | BOTTOM 90 | $ToP10_5$ | $ToP5_1$ | $ToP1_0.5$ | $TOP0.5_0.1$ | $Top0.1_0.05$ | TOP0.05_0.01 | TOP0.01 | ALL |
| | | | ASSETS | S | | | | | |
| Non Financial assets | 67,16 | 66,52 | 72,94 | | 67,19 | 46,21 | 41,81 | 19,91 | 67,10 |
| Housing | 56,57 | 54,25 | 67,34 | 49,31 | 55,69 | 1,03 | 1,06 | 3,97 | 56,25 |
| Tenant occupied dwelling | 19,23 | 7,62 | 4,96 | 2,92 | 1,66 | 0,85 | 0,96 | 3,93 | 14,66 |
| Owner occupied dwelling | 37,34 | 46,62 | 62,38 | 46,39 | 54,03 | 0,18 | 0,10 | 0,03 | 41,59 |
| Business assets | 10,59 | 12,28 | 5,61 | 16, 13 | 11,50 | 45,18 | 40,75 | 15,94 | 10,86 |
| Financial assets | 32,84 | 33,48 | 27,06 | 34,56 | 32,81 | 53,79 | 58,19 | 80,09 | 32,90 |
| Stocks | 6,84 | 9,65 | 4,09 | 15,42 | 10,99 | 44,63 | 52,25 | 74,09 | 8,29 |
| Deposits | 8,98 | 3,11 | 2,32 | 3,24 | 2,11 | 5,41 | 4,40 | 4,62 | 6,98 |
| Superannuation | 17,02 | 20,72 | 20,64 | 15,90 | 19,71 | 3,75 | 1,53 | 1,37 | 17,63 |
| Total Āssets | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | LIABILI | TIES | | | | | |
| Mortgage | 83,31 | 78,29 | 53,43 | 23,16 | 19,70 | 98,12 | 89,90 | 99,01 | 78,82 |
| Tenant occupied dwelling | 51,24 | 69,86 | 38,33 | 8,02 | 4,52 | 97,64 | 87,31 | 98,76 | 50,49 |
| Owner occupied dwelling | 32,06 | 8,43 | 15,10 | 15,15 | 15,17 | 0,48 | 2,59 | 0,25 | 28,33 |
| Student loans | 1,43 | 1,52 | 3,66 | 4,70 | 6,23 | 00′0 | 0,01 | 00'0 | 1,73 |
| Other loans | 8,77 | 13,76 | 27,38 | 37,68 | 30,38 | 1,03 | 5,55 | 0,54 | 11,27 |
| Business loans | 6,50 | 6,43 | 15,54 | 34,45 | 43,69 | 0,84 | 4,54 | 0,44 | 8,18 |
| Total Liabilities | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

TABLE B.11: ASSETS AND LIABILITIES COMPOSITION BY WEALTH PERCENTILE (2002)

| Borrtom 90Torl0.5Torl0.1Torl0.5.0.1Tor0.1.0.05lassets $76,16$ $71,08$ $75,43$ $79,65$ $68,05$ $55,53$ lassets $68,43$ $55,09$ $69,96$ $80,09$ $41,09$ 2.70 upied dwelling $36,60$ $12,59$ 7.79 $5,87$ $5,32$ 2.70 $31,83$ $42,50$ $62,17$ $74,22$ $35,76$ $0,13$ sets $7,73$ $15,98$ $5,47$ $-0,44$ $26,97$ $52,83$ $5,77$ $3,74$ $24,90$ $1,55$ $31,95$ $44,47$ sets $7,73$ $15,98$ $5,47$ $-0,44$ $26,97$ $50,6$ $7,73$ $15,98$ $5,47$ $-0,44$ $26,97$ $52,83$ sets $7,73$ $15,98$ $5,47$ $0,49$ $17,47$ $36,15$ sets $7,73$ $15,98$ $5,47$ $0,49$ $17,47$ $36,15$ sets $1,00$ 100 100 100 100 100 100 sets $7,73$ $28,92$ $24,57$ $20,35$ $3,50$ $5,06$ sets $7,72$ $37,42$ $28,92$ $3,75$ $36,75$ $35,70$ $5,06$ sets $7,72$ $10,91$ 100 100 100 100 100 sets $7,72$ $37,12$ $37,12$ $36,74$ $36,76$ $36,76$ sets $7,72$ $8,70$ $1,74$ $26,97$ $36,76$ $99,48$ sets $7,72$ $87,01$ $40,74$ $2,03$ < | | | Ē | ISCAL YEAR: 2003 | R: 2003 | | | | | |
|---|--------------------------|------------------|-----------|------------------|------------|--------------|---------------|--------------|---------|-------|
| Asserts Asserts ial assets $76/16$ $71,08$ $75,43$ $79,65$ $68,05$ $55,53$ ial assets $68,43$ $55,09$ $69,96$ $80,09$ $41,09$ $2,70$ occupied dwelling $36,60$ $12,59$ $7,79$ $5,87$ $5,32$ $2,57$ occupied dwelling $31,83$ $42,50$ $62,17$ $74,22$ $35,76$ $0,13$ assets $7,73$ $15,98$ $5,47$ $-0,44$ $2,5,97$ $2,516$ assets $7,73$ $15,98$ $5,47$ $-0,44$ $26,97$ $52,83$ assets $7,73$ $15,98$ $5,47$ $20,49$ $17,47$ $36,15$ assets $2,77$ $28,92$ $24,77$ $20,35$ $3,25$ $44,47$ assets $2,77$ $23,74$ $2,40$ $1,55$ $3,5,0$ $5,06$ uation 1200 $10,02$ $1,02$ $1,02$ $1,00$ $1,00$ assets | WEALTH | BOTTOM 90 | $ToP10_5$ | $ToP5_1$ | $ToP1_0.5$ | $TOP0.5_0.1$ | $ToP0.1_0.05$ | TOP0.05_0.01 | TOP0.01 | ALL |
| ial assets $76,16$ $71,08$ $75,43$ $79,65$ $68,05$ $55,53$ occupied duelling $68,43$ $55,09$ $69,96$ $80,09$ $41,09$ $2,70$ occupied duelling $36,60$ $12,59$ $7,79$ $5,87$ $5,32$ $2,57$ occupied duelling $31,83$ $42,50$ $62,17$ $74,22$ $35,76$ $0,13$ assets $7,73$ $15,98$ $5,47$ $-0,44$ $26,97$ $52,83$ assets $7,73$ $15,98$ $5,47$ $-0,44$ $26,97$ $52,83$ assets $7,73$ $15,98$ $5,47$ $-0,44$ $26,97$ $52,83$ assets $7,73$ $15,98$ $5,47$ $20,35$ $31,95$ $44,47$ assets $7,73$ $8,26$ $3,12$ $0,49$ $17,47$ $36,15$ assets $7,72$ $16,92$ $19,06$ $18,31$ $10,98$ $32,51$ untion 100 $10,0$ 10 | | | | ASSET | S | | | | | |
| ccupied duelling $68,43$ $55,09$ $69,96$ $80,09$ $41,09$ $2,70$ occupied duelling $36,60$ $12,59$ $7,79$ $5,87$ $5,32$ $2,57$ occupied dwelling $31,83$ $42,50$ $62,17$ $74,22$ $35,76$ $0,13$ assets $7,73$ $15,98$ $5,47$ $-0,44$ $26,97$ $5,283$ assets $7,73$ $15,98$ $5,47$ $-0,44$ $26,97$ $5,283$ assets $7,73$ $15,98$ $5,47$ $-0,49$ $17,47$ $36,15$ asto $2,70$ $3,74$ $2,40$ $1,55$ $35,06$ $5,06$ uation $12,56$ $16,92$ $19,06$ $18,31$ $10,98$ $3,25$ uation $12,56$ $16,92$ $19,06$ $18,31$ $10,98$ $3,25$ uation $12,56$ $16,92$ $19,06$ $18,31$ $10,98$ $3,25$ cupied dwelling $77,21$ $87,01$ <td< td=""><td>Non Financial assets</td><td>76,16</td><td>71,08</td><td>75,43</td><td></td><td>68,05</td><td>55,53</td><td>48,84</td><td>28,57</td><td>74,97</td></td<> | Non Financial assets | 76,16 | 71,08 | 75,43 | | 68,05 | 55,53 | 48,84 | 28,57 | 74,97 |
| occupied dwelling $36,60$ $12,59$ $7,79$ $5,87$ $5,32$ $2,57$ occupied dwelling $31,83$ $42,50$ $62,17$ $74,22$ $35,76$ $0,13$ assets $7,73$ $15,98$ $5,47$ $-0,44$ $26,97$ $52,83$ assets $7,73$ $15,98$ $5,47$ $-0,44$ $26,97$ $52,83$ assets $7,73$ $15,98$ $5,47$ $0,44$ $26,97$ $52,83$ assets $23,92$ $24,57$ $20,35$ $31,95$ $44,47$ $8,15$ $4,44$ $8,26$ $3,12$ $0,49$ $17,47$ $36,15$ uation 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 $25,76$ $5,96$ $99,48$ $77,21$ $87,01$ $40,74$ $2,03$ $50,98$ $99,48$ cupied dwelling $77,21$ < | Housing | 68,43 | 55,09 | 66'69 | 80,09 | 41,09 | 2,70 | 1,49 | 6,01 | 65,89 |
| occupied dwelling $31,83$ $42,50$ $62,17$ $74,22$ $35,76$ $0,13$ assets $7,73$ $15,98$ $5,47$ $-0,44$ $26,97$ $52,83$ assets $7,73$ $15,98$ $5,47$ $-0,44$ $26,97$ $52,83$ assets $2,3,44$ $8,926$ $3,12$ $0,49$ $17,47$ $36,15$ $4,44$ $8,26$ $3,12$ $0,49$ $17,47$ $36,15$ $44,47$ uation $12,56$ $16,92$ $19,06$ $18,31$ $10,98$ $3,25$ uation $12,56$ $16,92$ $19,06$ $18,31$ $10,98$ $3,25$ 100 100 100 100 100 100 100 $12,56$ $16,92$ $19,96$ $18,31$ $10,98$ $3,25$ 100 100 100 100 100 $3,75$ $3,75$ $3,75$ $17,721$ $87,01$ $40,74$ $2,03$ $50,94$ | Tenant occupied dwelling | 36,60 | 12,59 | 7,79 | 5,87 | 5,32 | 2,57 | 1,41 | 5,98 | 29,25 |
| assets 7,73 15,98 5,47 $-0,44$ 26,97 52,83 sets 23,84 28,92 24,57 20,35 31,95 $44,47$ 4,44 8,26 3,12 0,49 17,47 36,15 6,84 3,74 2,40 1,55 3,50 5,06 100 100 100 100 100 100 100 LIABILITIES $3,25$ cupied dwelling 77,21 87,01 40,74 2,03 50,98 99,48 77,21 87,01 40,74 2,03 0,07 100 1,00 1,00 1,00 0,07 14,71 35,93 17,95 0,14 100 100 100 100 100 100 100 100 100 100 | Owner occupied dwelling | 31,83 | 42,50 | 62,17 | 74,22 | 35,76 | 0,13 | 0,08 | 0,03 | 36,65 |
| sets $23,84$ $28,92$ $24,57$ $20,35$ $31,95$ $44,47$ uation $4,44$ $8,26$ $3,12$ $0,49$ $17,47$ $36,15$ $6,84$ $3,74$ $2,40$ $1,55$ $3,50$ $5,06$ $6,84$ $3,74$ $2,40$ $1,55$ $3,50$ $5,06$ 100 100 100 100 100 100 100 100 100 100 100 100 100 $3,25$ cupied dwelling $77,21$ $87,01$ $40,74$ $2,03$ $50,98$ $99,48$ cupied dwelling $15,31$ $4,81$ $15,20$ $20,66$ $61,29$ $99,48$ $77,21$ $87,01$ $40,74$ $2,03$ $10,30$ $0,07$ ns $0,60$ $0,48$ $3,95$ $4,74$ $2,36$ $0,00$ ns $0,60$ $0,48$ $3,95$ $4,74$ $2,36$ $0,00$ no | Business assets | 7,73 | 15,98 | 5,47 | -0,44 | 26,97 | 52,83 | 47,35 | 22,56 | 9,08 |
| 4,44 $8,26$ $3,12$ $0,49$ $17,47$ $36,15$ $6,84$ $3,74$ $2,40$ $1,55$ $3,50$ $5,06$ $6,84$ $3,74$ $2,40$ $1,55$ $3,50$ $5,06$ $6,84$ $3,74$ $2,40$ $1,55$ $3,50$ $5,06$ 100 100 100 100 100 100 100 $125,31$ $1,02$ 100 100 100 100 100 100 $77,21$ $87,01$ $40,74$ $2,03$ $50,98$ $99,48$ $77,21$ $87,01$ $40,74$ $2,03$ $10,30$ $0,07$ $15,31$ $4,81$ $15,20$ $20,63$ $10,30$ $0,07$ $3,57$ $5,70$ $25,40$ $36,67$ $18,40$ $0,01$ 100 100 100 100 100 $0,01$ 100 100 100 100 100 $0,01$ | Financial assets | 23,84 | 28,92 | 24,57 | 20,35 | 31,95 | 44,47 | 51,16 | 71,43 | 25,03 |
| uation $(5,84)$ $3,74$ $2,40$ $1,55$ $3,50$ $5,06$ uation $12,56$ $16,92$ $19,06$ $18,31$ $10,98$ $3,25$ 100 100 100 100 100 100 100 100 $3,25$ cupied dwelling $77,21$ $87,01$ $40,74$ $22,66$ $61,29$ $99,55$ cupied dwelling $77,21$ $87,01$ $40,74$ $2,03$ $50,94$ $99,48$ $77,21$ $87,01$ $40,74$ $2,03$ $50,93$ $99,48$ cupied dwelling $15,31$ $4,81$ $15,20$ $20,63$ $10,30$ $0,07$ $15,31$ $4,81$ $15,20$ $20,63$ $10,30$ $0,07$ $15,31$ $4,81$ $15,20$ $20,63$ $10,30$ $0,07$ $15,31$ $4,81$ $15,20$ $20,63$ $10,30$ $0,07$ $15,32$ $5,70$ $25,40$ $36,67$ $18,40$ $0,71$ 100 100 100 100 100 $0,79$ <td>Stocks</td> <td>4,44</td> <td>8,26</td> <td>3,12</td> <td>0,49</td> <td>17,47</td> <td>36,15</td> <td>44,12</td> <td>64,75</td> <td>5,64</td> | Stocks | 4,44 | 8,26 | 3,12 | 0,49 | 17,47 | 36,15 | 44,12 | 64,75 | 5,64 |
| uation $12,56$ $16,92$ $19,06$ $18,31$ $10,98$ $3,25$ 100 100 100 100 100 100 100 100 $\mathbf{LIABILITIES}$ $\mathbf{LIABILITIES}$ $\mathbf{LIABILITIES}$ $\mathbf{S},25$ $9,55$ cupied dwelling $77,21$ $87,01$ $40,74$ $22,66$ $61,29$ $99,55$ cupied dwelling $77,21$ $87,01$ $40,74$ $2,03$ $50,98$ $99,48$ $77,21$ $87,01$ $40,74$ $2,03$ $50,98$ $99,48$ $77,21$ $87,01$ $40,74$ $2,03$ $50,98$ $99,48$ $77,21$ $87,01$ $40,74$ $2,03$ $10,30$ $0,07$ \mathbf{ns} $0,60$ $0,48$ $3,95$ $4,74$ $2,36$ $0,00$ \mathbf{ns} $2,00$ $14,71$ $35,93$ $17,95$ $0,14$ \mathbf{ns} 100 100 100 100 100 100 | Deposits | 6,84 | 3,74 | 2,40 | 1,55 | 3,50 | 5,06 | 4,92 | 5,34 | 5,84 |
| 100 | Superannuation | 12,56 | 16,92 | 19,06 | 18,31 | 10,98 | 3,25 | 2,13 | 1,35 | 13,55 |
| LIABILITIESLIABILITIES $92,53$ $91,82$ $55,94$ $22,66$ $61,29$ $99,55$ $77,21$ $87,01$ $40,74$ $2,03$ $50,98$ $99,48$ $77,21$ $87,01$ $40,74$ $2,03$ $50,98$ $99,48$ $77,21$ $87,01$ $4,074$ $2,03$ $10,30$ $0,07$ $15,31$ $4,81$ $15,20$ $20,63$ $10,30$ $0,07$ $15,31$ $4,81$ $15,20$ $20,63$ $10,30$ $0,07$ $15,31$ $4,81$ $15,20$ $20,63$ $10,30$ $0,07$ $10,60$ $0,48$ $3,95$ $4,74$ $2,36$ $0,00$ $4,03$ $5,70$ $25,40$ $36,67$ $18,40$ $0,01$ 100 100 100 100 100 100 100 | Total <i>Assets</i> | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 92,53 $91,82$ $55,94$ $22,66$ $61,29$ $99,55$ cupied dwelling $77,21$ $87,01$ $40,74$ $2,03$ $50,98$ $99,48$ cupied dwelling $15,31$ $4,81$ $15,20$ $20,63$ $10,30$ $0,07$ ns $0,60$ $0,48$ $3,95$ $4,74$ $2,36$ $0,00$ ns $4,03$ $5,70$ $25,40$ $36,67$ $18,40$ $0,01$ uns 100 100 100 100 100 100 100 | | | | LIABILI | TIES | | | | | |
| cupied dwelling $77,21$ $87,01$ $40,74$ $2,03$ $50,98$ $99,48$ cupied dwelling $15,31$ $4,81$ $15,20$ $20,63$ $10,30$ $0,07$ ns $0,60$ $0,48$ $3,95$ $4,74$ $2,36$ $0,00$ ns $5,70$ $25,40$ $36,67$ $18,40$ $0,01$ uns $2,84$ $2,00$ $14,71$ $35,93$ $17,95$ $0,14$ o 100 100 100 100 100 100 100 | Mortgage | 92,53 | 91,82 | 55,94 | 22,66 | 61,29 | 99,55 | 97,50 | 97,71 | 90,19 |
| cupied dwelling $15,31$ $4,81$ $15,20$ $20,63$ $10,30$ $0,07$ ns $0,60$ $0,48$ $3,95$ $4,74$ $2,36$ $0,00$ ns $5,70$ $25,40$ $36,67$ $18,40$ $0,31$ ns $2,84$ $2,00$ $14,71$ $35,93$ $17,95$ $0,14$ ns 100 100 100 100 100 100 100 | Tenant occupied dwelling | 77,21 | 87,01 | 40,74 | 2,03 | 50,98 | 99,48 | 92,09 | 97,34 | 75,59 |
| ns $0,60$ $0,48$ $3,95$ $4,74$ $2,36$ $0,00$ $4,03$ $5,70$ $25,40$ $36,67$ $18,40$ $0,31$ 100 100 $14,71$ $35,93$ $17,95$ $0,14$ 65 100 100 100 100 100 100 | Owner occupied dwelling | 15,31 | 4,81 | 15,20 | 20,63 | 10,30 | 0,07 | 0,40 | 0,37 | 14,60 |
| 4,03 $5,70$ $25,40$ $36,67$ $18,40$ $0,31$ 100 $2,84$ $2,00$ $14,71$ $35,93$ $17,95$ $0,14$ 65 100 100 100 100 100 100 100 | Student loans | 0,60 | 0,48 | 3,95 | 4,74 | 2,36 | 00'0 | 000 | 00'0 | 0,77 |
| $2,84 \qquad 2,00 \qquad 14,71 \qquad 35,93 \qquad 17,95 \qquad 0,14 \qquad 100 \qquad 1$ | Other loans | 4,03 | 5,70 | 25,40 | 36,67 | 18,40 | 0,31 | 1,74 | 1,59 | 5,38 |
| 100 100 100 100 100 100 | Business loans | 2,84 | 2,00 | 14,71 | 35,93 | 17,95 | 0,14 | 0,76 | 0,70 | 3,66 |
| | Total Liabilities | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

TABLE B.12: ASSETS AND LIABILITIES COMPOSITION BY WEALTH PERCENTILE (2003)

| | | E | ISCAL YEAR: 2004 | R: 2004 | | | | | |
|--------------------------|------------------|--------------|------------------|----------|--------------|-------------|--------------|---------|-------|
| WEALTH | BOTTOM 90 | $ToP10_{-5}$ | $ToP5_1$ | TOP1_0.5 | $TOP0.5_0.1$ | TOP0.1_0.05 | TOP0.05_0.01 | TOP0.01 | ALL |
| | | | ASSET | S | | | | | |
| Non Financial assets | 82,87 | 81,47 | 77,19 | | 78,35 | 62,58 | 40,48 | 46,65 | 81,09 |
| Housing | 78,00 | 74,48 | 66,62 | 41,85 | 74,16 | 38,23 | 7,90 | 34,81 | 74,62 |
| Tenant occupied dwelling | 53,86 | 42,96 | 42,46 | | 3,65 | 7,28 | 7,84 | 1,21 | 48,34 |
| Owner occupied dwelling | 24,14 | 31,52 | 24,16 | | 70,51 | 30,95 | 0,06 | 33,59 | 26,27 |
| Business assets | 4,87 | | 10,57 | | 4,20 | 24,35 | 32,58 | 11,84 | 6,47 |
| Financial assets | 17,13 | | 22,81 | | 21,65 | 37,42 | 59,52 | 53,35 | 18,91 |
| Stocks | 2,99 | 3,77 | 8,20 | | 3,58 | 26,95 | 52,65 | 44,07 | 4,71 |
| Deposits | 4,72 | | 2,70 | | 0,96 | 2,75 | 4,52 | 3,30 | 4,10 |
| Superannuation | 9,42 | 12,76 | 11,91 | | 17,10 | 7,71 | 2,35 | 5,99 | 10,10 |
| Total Assets | 100 | | 100 | | 100 | 100 | 100 | 100 | 100 |
| | | | LIABILI | | | | | | |
| Mortgage | 96,91 | 23,01 | 67,63 | | 53,16 | 64,16 | 99,54 | 54,95 | 95,59 |
| Tenant occupied dwelling | 66'68 | 8,85 | 64,44 | | 48,65 | 58,94 | 99,52 | 51,52 | 88,74 |
| Owner occupied dwelling | 6,92 | 14,16 | 3,19 | | 4,50 | 5,22 | 0,02 | 3,42 | 6,86 |
| Student loans | 0,24 | 6,42 | 2,28 | 2,76 | 3,23 | 4,09 | 00′0 | 0,20 | 0,34 |
| Other loans | 1,74 | 55,89 | 19,30 | | 23,00 | 22,61 | 0,35 | 14,97 | 2,49 |
| Business loans | 1,10 | 14,68 | 10,78 | | 20,62 | 9,14 | 0,11 | 29,88 | 1,58 |
| Total Liabilities | 100 | 100 | 100 | | 100 | 100 | 100 | 100 | 100 |
| | | | | | | | | | |

TABLE B.13: ASSETS AND LIABILITIES COMPOSITION BY WEALTH PERCENTILE (2004)

| | | FI | SCAL YEAR: 2005 | .R: 2005 | | | | | |
|--------------------------|------------------|-----------|-----------------|------------|--------------|---------------|----------------|---------|-------|
| WEALTH | BOTTOM 90 | $ToP10_5$ | $ToP5_1$ | $ToP1_0.5$ | $TOP0.5_0.1$ | $Top0.1_0.05$ | $Top0.05_0.01$ | TOP0.01 | ALL |
| | | | ASSETS | ΓS | | | | | |
| Non Financial assets | 75,09 | 70,85 | 63,60 | 64,41 | 65,17 | 46,41 | 33,39 | 16,55 | 72,11 |
| Housing | 68,42 | 60,57 | 50,45 | 50,12 | 51,99 | 6,92 | 4,03 | 0,32 | 63,62 |
| Tenant occupied dwelling | 36,27 | 14,73 | 13,78 | 5,39 | 3,97 | 6,76 | 3,91 | 0,28 | 29,80 |
| Owner occupied dwelling | 32,16 | 45,83 | 36,67 | 44,73 | 48,03 | 0,17 | 0,11 | 0,04 | 33,81 |
| Business assets | 6,67 | 10,29 | 13,14 | 14,29 | 13,17 | 39,49 | 29,37 | 16,23 | 8,49 |
| Financial assets | 24,91 | 29,15 | 36,40 | 35,59 | 34,83 | 53,59 | 66,61 | 83,45 | 27,89 |
| Stocks | 5,81 | 7,67 | 14,70 | 15,53 | 14,09 | 46,18 | 59,29 | 76,22 | 8,55 |
| Deposits | 6,11 | 2,90 | 3,60 | 2,28 | 2,06 | 3,76 | 4,02 | 4,37 | 5,33 |
| Superannuation | 13,00 | 18,58 | 18,11 | 17,78 | 18,69 | 3,65 | 3,29 | 2,86 | 14,01 |
| Total Åssets | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | LIABILI | TIES | | | | | |
| Mortgage | 93,18 | 25,80 | 52,37 | 29,60 | 29,89 | 83,11 | 95,75 | 99,19 | 90,82 |
| Tenant occupied dwelling | 29,00 | 10,64 | 46,31 | 23,89 | 24,69 | 82,18 | 95,52 | 99,14 | 76,95 |
| Owner occupied dwelling | 14,18 | 15,16 | 6,06 | 5,71 | 5,20 | 0,92 | 0,23 | 0,04 | 13,87 |
| Student loans | 0,49 | 7,78 | 4,02 | 4,18 | 4,22 | 0,02 | 0,01 | 0,00 | 0,68 |
| Other loans | 3,96 | 55,49 | 31,64 | 32,24 | 31,85 | 13,76 | 3,46 | 0,66 | 5,33 |
| Business loans | 2,37 | 10,93 | 11,97 | 33,99 | 34,03 | 3,11 | 0,78 | 0,15 | 3,17 |
| Total Liabilities | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

TABLE B.14: ASSETS AND LIABILITIES COMPOSITION BY WEALTH PERCENTILE (2005)

| | | FI | FISCAL YEAR: 2006 | R: 2006 | | | | | |
|--------------------------|------------------|-----------|-------------------|-------------|--------------|-------------|--------------|---------|-------|
| WEALTH | BOTTOM 90 | $ToP10_5$ | $ToP5_1$ | $ToP1_0.5$ | $TOP0.5_0.1$ | TOP0.1_0.05 | TOP0.05_0.01 | TOP0.01 | ALL |
| | | | ASSET | S | | | | | |
| Non Financial assets | 76,12 | 61,91 | 68,01 | 66,51 | 59,56 | 40,50 | 27,44 | 14,86 | 71,95 |
| Housing | 69,91 | 50,40 | 58,53 | 58,35 | 37,44 | 7,12 | 4,26 | 1,47 | 63,92 |
| Tenant occupied dwelling | 40,70 | 14,76 | 8,51 | 3,56 | 7,15 | 7,03 | 4,19 | 1,46 | 31,61 |
| Owner occupied dwelling | 29,21 | 35,64 | 50,02 | 54,79 | 30,28 | 60'0 | 0,06 | 0,02 | 32,32 |
| Business assets | 6,20 | 11,51 | 9,48 | 8,16 | 22,12 | 33,37 | 23,19 | 13,39 | 8,03 |
| Financial assets | 23,88 | 38,09 | 31,99 | 33,49 | 40,44 | 59,50 | 72,56 | 85,14 | 28,05 |
| Stocks | 5,19 | 11,49 | 6 ,60 | 9,72 | 25,55 | 52,83 | 60'99 | 78,90 | 8,54 |
| Deposits | 5,96 | 3,96 | 2,24 | 1,64 | 2,45 | 3,32 | 3,55 | 3,78 | 5,05 |
| Superannuation | 12,73 | | 20,15 | 22,13 | 12,44 | 3,36 | 2,91 | 2,47 | 14,46 |
| Total <i>Āssets</i> | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | LIABILI | TIES | | | | | |
| Mortgage | 94,52 | 46,07 | 27,40 | 30,79 | 14,61 | 87,63 | 85,78 | 87,51 | 91,31 |
| Tenant occupied dwelling | 81,05 | 43,15 | 20,86 | 26,90 | 5,53 | 87,19 | 85,27 | 87,07 | 78,31 |
| Owner occupied dwelling | 13,48 | 2,92 | 6,54 | 3,89 | 9,08 | 0,44 | 0,50 | 0,44 | 13,00 |
| Student loans | 0,44 | 4,04 | 6,07 | 4,33 | 2,88 | 0,03 | 0,03 | 0,03 | 0,68 |
| Other loans | 3,23 | 32,10 | 39,04 | 36,15 | 69,37 | 10,23 | 11,76 | 10,33 | 5,05 |
| Business loans | 1,81 | 17,79 | 27,49 | 28,73 | 13,14 | 2,11 | 2,43 | 2,13 | 2,96 |
| Total Liabilities | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

TABLE B.15: ASSETS AND LIABILITIES COMPOSITION BY WEALTH PERCENTILE (2006)

| | | FI | ISCAL YEAR: 2007 | R: 2007 | | | | | |
|--------------------------|------------------|-----------|-------------------------|------------|------------|-------------|--------------|---------|-------|
| WEALTH | BOTTOM 90 | $ToP10_5$ | $ToP5_1$ | $ToP1_0.5$ | TOP0.5_0.1 | TOP0.1_0.05 | TOP0.05_0.01 | TOP0.01 | ALL |
| | | | ASSETS | LS | | | | | |
| Non Financial assets | 66,21 | 69,30 | 70,21 | 68,79 | 63,32 | 53,37 | 65,68 | 46,18 | 66,40 |
| Housing | 60,67 | 49,56 | 55,86 | 50,17 | 36,90 | 37,86 | 64,66 | 36,92 | 57,23 |
| Tenant occupied dwelling | 25,20 | 14,49 | 8,10 | 5,67 | 5,76 | 2,66 | 0,33 | 1,47 | 19,46 |
| Owner occupied dwelling | 35,47 | 35,07 | 47,76 | 44,49 | 31,14 | 35,20 | 64,33 | 35,45 | 37,77 |
| Business assets | 5,54 | 19,74 | 14,35 | 18,62 | 26,42 | 15,51 | 1,02 | 9,26 | 9,17 |
| Financial assets | 33,79 | 30,70 | 29,79 | 31,21 | 36,68 | 46,63 | 34,32 | 53,82 | 33,60 |
| Stocks | 6,97 | 10,70 | 9,43 | 13,13 | 24,10 | 32,25 | 3,07 | 31,62 | 9,19 |
| Deposits | 7,28 | 4,00 | 2,47 | 1,88 | 2,34 | 2,21 | 0,23 | 2,06 | 5,71 |
| Superannuation | 19,54 | 16,00 | 17,89 | 16,21 | 10,24 | 12,17 | 31,02 | 20,13 | 18,71 |
| Total Åssets | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | LIABILI | TIES | | | | | |
| Mortgage | 89,90 | 24,04 | 17,30 | 20,04 | 20,92 | 22,68 | 11,27 | 2,99 | 84,79 |
| Tenant occupied dwelling | 67,48 | 10,16 | 4,00 | 3,70 | 5,17 | 11,31 | 2,67 | 0,55 | 63,05 |
| Owner occupied dwelling | 22,43 | 13,88 | 13,30 | 16,35 | 15,76 | 11,37 | 8,60 | 7,45 | 21,73 |
| Student loans | 0,74 | 6,79 | 8,89 | 4,33 | 2,33 | 9,38 | 7,92 | 7,26 | 1,25 |
| Other loans | 5,49 | 48,54 | 56,03 | 46,63 | 68,98 | 43,51 | 48,59 | 49,97 | 8,85 |
| Business loans | 3,87 | 17,63 | 17,78 | 29,00 | 7,77 | 24,43 | 32,22 | 34,77 | 5,11 |
| Total Liabilities | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

TABLE B.16: ASSETS AND LIABILITIES COMPOSITION BY WEALTH PERCENTILE (2007)

| | | FI | SCAL YEAR: 2008 | R: 2008 | | | | | |
|--------------------------|-----------|-----------|-----------------|------------|--------------|---------------|----------------|---------|-------|
| WEALTH | BOTTOM 90 | $ToP10_5$ | $ToP5_1$ | $ToP1_0.5$ | $Top0.5_0.1$ | $Top0.1_0.05$ | $TOP0.05_0.01$ | TOP0.01 | ALL |
| | | | ASSETS | lS | | | | | |
| Non Financial assets | 69,27 | 63,12 | 67,16 | | 67,52 | 67,97 | 66,85 | 75,74 | 68,63 |
| Housing | 60,43 | 62,29 | 53,73 | 43,63 | 43,99 | 67,44 | 61,74 | 74,35 | 59,02 |
| Tenant occupied dwelling | 27,58 | 19,07 | 8,78 | 8,38 | 4,04 | 0,29 | 1,48 | 0,48 | 20,72 |
| Owner occupied dwelling | 32,85 | 43,22 | 44,94 | 35,25 | 39,95 | 67,15 | 60,27 | 73,86 | 38,30 |
| Business assets | 8,84 | 0,83 | 13,44 | 18,58 | 23,53 | 0,53 | 5,11 | 1,39 | 9,61 |
| Financial assets | 30,73 | 36,88 | 32,84 | 37,79 | 32,48 | 32,03 | 33,15 | 24,26 | 31,37 |
| Stocks | 6,64 | 4,70 | 8,73 | 11,85 | 16,95 | 0,51 | 9,68 | 2,66 | 7,43 |
| Deposits | 8,00 | 8,29 | 3,44 | 2,85 | 1,82 | 0,13 | 0,73 | 0,20 | 6,30 |
| Superannuation | 16,09 | 23,89 | 20,67 | 23,08 | 13,71 | 31,39 | 22,74 | 21,41 | 17,63 |
| Total Assets | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | LIABILI | TIES | | | | | |
| Mortgage | 91,68 | 54,61 | 64,34 | 47,61 | 67,55 | 6,45 | 26,91 | 12,93 | 85,54 |
| Tenant occupied dwelling | 64,32 | 50,85 | 62,30 | 46,28 | 64,56 | 2,45 | 22,88 | 7,79 | 61,81 |
| Owner occupied dwelling | 27,36 | 3,76 | 2,04 | 1,33 | 2,98 | 4,00 | 4,03 | 5,14 | 23,73 |
| Student loans | 0,81 | 4,32 | 2,48 | 1,80 | 3,98 | 8,42 | 8,77 | 2,70 | 1,25 |
| Other loans | 5,03 | 27,79 | 22,15 | 31,16 | 17,86 | 45,34 | 37,22 | 45,21 | 8,43 |
| Business loans | 2,48 | 13,28 | 11,02 | 19,43 | 10,62 | 39,79 | 27,11 | 39,16 | 4,79 |
| Total Liabilities | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

TABLE B.17: ASSETS AND LIABILITIES COMPOSITION BY WEALTH PERCENTILE (2008)

| | | FI | ISCAL YEAR: 2009 | R: 2009 | | | | | |
|--------------------------|-----------|-----------|-------------------------|-------------|--------------|----------------|--------------|---------|--------|
| WEALTH | BOTTOM 90 | $ToP10_5$ | $TOP5_1$ | $ToP1_0.5$ | $Top0.5_0.1$ | $Top0.1_0.05$ | TOP0.05_0.01 | TOP0.01 | ALL |
| | | | ASSETS | S | | | | | |
| Non Financial assets | 67,81 | 67,82 | 65,04 | 71,05 | 68,74 | 74,61 | 72,78 | 47,44 | 67,76 |
| Housing | 59,55 | 61,96 | 54,21 | 16,35 | 48,67 | 70,01 | 72,61 | 7,97 | 57,47 |
| Tenant occupied dwelling | 23,02 | 7,31 | 10, 19 | 15,74 | 4,67 | 1,14 | 2,30 | 4,05 | 18,37 |
| Owner occupied dwelling | 36,53 | 54,66 | 44,02 | 0,62 | 44,00 | 68,87 | 70,31 | 3,92 | 39,10 |
| Business assets | 8,26 | 5,86 | 10,83 | 54,70 | 20,07 | 4,60 | 0,18 | 39,47 | 10, 29 |
| Financial assets | 32,19 | 32,18 | 34,96 | 28,95 | 31,26 | 25,39 | 27,22 | 52,56 | 32,24 |
| Stocks | 5,36 | 2,93 | 6,97 | 22,75 | 9,23 | 5,01 | 0,16 | 47,17 | 6,21 |
| Deposits | 9,42 | 5,46 | 4,91 | 4,12 | 1,09 | 0,48 | 0,03 | 3,73 | 7,65 |
| Superannuation | 17,41 | 23,80 | 23,09 | 2,08 | 20,94 | 19,89 | 27,02 | 1,66 | 18,38 |
| Total Åssets | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | LIABILI | FIES | | | | | |
| Mortgage | 89,88 | 63,50 | 51,46 | 86,77 | 32,44 | 22,54 | 34,20 | 40,93 | 84,73 |
| Tenant occupied dwelling | 56,97 | 56,93 | 46,24 | 85,36 | 26,66 | 9,61 | 27,54 | 34,95 | 55,08 |
| Owner occupied dwelling | 32,91 | 6,56 | 5,23 | 1,41 | 5,78 | 12,93 | 6,66 | 5,98 | 29,65 |
| Student loans | 0,93 | 5,11 | 3,17 | 0,20 | 4,49 | 4,42 | 10,00 | 8,90 | 1,38 |
| Other loans | 5,60 | 21,62 | 35,33 | 13,03 | 36,51 | 65,30 | 34,72 | 31,41 | 8,91 |
| Business loans | 3,59 | 9,77 | 10,03 | 00′0 | 26,56 | 7,74 | 21,09 | 18,76 | 4,98 |
| Total Liabilities | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

TABLE B.18: ASSETS AND LIABILITIES COMPOSITION BY WEALTH PERCENTILE (2009)

| | | FI | FISCAL YEAR: 2010 | R: 2010 | | | | | |
|--------------------------|------------------|-----------|-------------------|-------------|--------------|---------------|--------------|---------|-------|
| WEALTH | BOTTOM 90 | $ToP10_5$ | TOP5_1 | $ToP1_0.5$ | $TOP0.5_0.1$ | $TOP0.1_0.05$ | TOP0.05_0.01 | TOP0.01 | ALL |
| | | | ASSETS | S | | | | | |
| Non Financial assets | 76,64 | 77,20 | 76,33 | | 73,23 | 61,10 | 67,79 | 43,82 | 76,06 |
| Housing | 71,90 | 68,45 | 60,71 | 59,47 | 58,50 | 16,94 | 59,33 | 11,50 | 68,91 |
| Tenant occupied dwelling | 44,06 | 23,98 | 22,79 | 11,91 | 7,96 | 16,11 | 3,67 | 11,29 | 37,57 |
| Owner occupied dwelling | 27,84 | 44,47 | 37,92 | 47,57 | 50,54 | 0,84 | 55,66 | 0,21 | 31,35 |
| Business assets | 4,74 | 8,75 | 15,62 | 14,18 | 14,74 | 44,16 | 8,46 | 32,32 | 7,15 |
| Financial assets | 23,36 | 22,80 | 23,67 | 26,35 | 26,77 | 38,90 | 32,21 | 56,18 | 23,94 |
| Stocks | 3,13 | 3,56 | 7,90 | 6,67 | 7,43 | 34,78 | 13,94 | 51,72 | 4,45 |
| Deposits | 6,62 | 2,68 | 2,95 | 1,65 | 1,26 | 3,76 | 1,49 | 4,23 | 5,57 |
| Superannuation | 13,60 | 16,56 | 12,82 | 18,03 | 18,07 | 0,36 | 16,79 | 0,22 | 13,92 |
| Total Āssets | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | LIABILI | TIES | | | | | |
| Mortgage | 95,67 | 17,09 | 28,61 | 10,57 | 10,03 | 90,71 | 21,32 | 96,42 | 93,41 |
| Tenant occupied dwelling | 81,42 | 8,83 | 22,51 | 3,50 | 2,38 | 88,38 | 17,71 | 95,52 | 79,38 |
| Owner occupied dwelling | 14,25 | 8,27 | 6,10 | 7,07 | 7,65 | 2,32 | 3,61 | 06′0 | 14,03 |
| Student loans | 0,44 | 11,27 | 5,81 | 7,07 | 4,66 | 0,52 | 1,44 | 0,20 | 0,63 |
| Other loans | 2,31 | 51,10 | 47,20 | 71,59 | 79,33 | 13,06 | 15,20 | 5,04 | 3,85 |
| Business loans | 1,58 | 20,54 | 18,38 | 10,77 | 5,98 | -4,29 | 62,04 | -1,66 | 2,12 |
| Total Liabilities | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

TABLE B.19: ASSETS AND LIABILITIES COMPOSITION BY WEALTH PERCENTILE (2010)

| | | FI | SCAL YEAR: 201 | R: 2011 | | | | | |
|--------------------------|------------------|-----------|----------------|------------|--------------|-------------|--------------|---------|-------|
| WEALTH | BOTTOM 90 | $ToP10_5$ | TOP5_1 | $ToP1_0.5$ | $TOP0.5_0.1$ | TOP0.1_0.05 | TOP0.05_0.01 | TOP0.01 | ALL |
| | | | ASSE | ΓS | | | | | |
| Non Financial assets | 66,03 | 71,57 | 72,30 | 72,56 | 69,82 | 65,73 | 53,52 | 45,28 | 67,28 |
| Housing | 60,06 | 59,77 | 55,88 | 70,15 | 39,39 | 9,43 | 6,13 | 3,75 | 58,16 |
| Tenant occupied dwelling | 21,51 | 13,90 | 10,69 | 2,41 | 8,21 | 8,82 | 5,68 | 3,61 | 18,41 |
| Owner occupied dwelling | 38,55 | 45,87 | 45,19 | 67,75 | 31,18 | 0,61 | 0,44 | 0,14 | 39,74 |
| Business assets | 5,97 | 11,81 | 16,42 | 2,41 | 30,43 | 56,30 | 47,39 | 41,53 | 9,13 |
| Financial assets | 33,97 | 28,43 | 27,70 | 27,44 | 30,18 | 34,27 | 46,48 | 54,72 | 32,72 |
| Stocks | 4,65 | 5,66 | 7,60 | 0,42 | 12,95 | 29,98 | 41,90 | 49,83 | 5,93 |
| Deposits | 6,39 | | 2,88 | 0,66 | 2,67 | 3,97 | 4,33 | 4,57 | 7,63 |
| Superannuation | 19,93 | | 17,22 | 26,35 | 14,56 | 0,32 | 0,26 | 0,32 | 19,16 |
| Total Åssets | 100 | | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | | | LIABILI | TIES | | | | | |
| Mortgage | 89,14 | 36,65 | 34,70 | 22,71 | 31,16 | 108,31 | 109,36 | 104,50 | 85,26 |
| Tenant occupied dwelling | 56,06 | 24,26 | 13,12 | | 12,58 | 105,45 | 106,15 | 102,95 | 53,31 |
| Owner occupied dwelling | 33,08 | 12,40 | 21,59 | | 18,58 | 2,85 | 3,21 | 1,54 | 31,95 |
| Student loans | 1,14 | 3,83 | 8,05 | | 5,45 | 0,45 | 0,51 | 0,24 | 1,46 |
| Other loans | 5,73 | 36,05 | 52,77 | | 48,45 | -2,69 | -3,03 | -1,46 | 8,62 |
| Business loans | 3,99 | 23,47 | 4,47 | | 14,94 | -6,06 | -6,84 | -3,28 | 4,66 |
| Total Liabilities | 100 | 100 | 100 | | 100 | 100 | 100 | 100 | 100 |

TABLE B.20: ASSETS AND LIABILITIES COMPOSITION BY WEALTH PERCENTILE (2011)

| FISCAL YEA | AR: 1 | 994 | | | | | |
|--|-------|-------|-------|-------|-------|---------------|-------|
| WEALTH | | Q1 | Q2 | Q3 | Q4 | Q5 | All |
| | ASSI | ETS | | | | | |
| Non Financial assets | % | 69,62 | 65,16 | 65,13 | 66,06 | 61,40 | 64,30 |
| Housing | % | 61,56 | 48,49 | 53,95 | 56,89 | 48,26 | 52,36 |
| Tenant occupied dwelling | % | 5,00 | 27,89 | 18,26 | 12,28 | 3,36 | 10,84 |
| Owner occupied dwelling | % | 56,55 | 20,60 | 35,69 | 44,60 | 44,90 | 41,52 |
| Business assets (net of liabilities) | % | 8,06 | 16,67 | 11,18 | 9,17 | 13,14 | 11,93 |
| Financial assets | % | 30,38 | 34,84 | 34,87 | 33,94 | 38,60 | 35,70 |
| Stocks | % | 6,18 | 4,09 | 1,20 | 3,16 | 14,80 | 7,99 |
| Deposits | % | 12,45 | 17,40 | 13,37 | 10,63 | 5 <i>,</i> 27 | 9,97 |
| Superannuation | % | 11,76 | 13,35 | 20,30 | 20,15 | 18,52 | 17,74 |
| Total Assets | % | 100 | 100 | 100 | 100 | 100 | 100 |
| LL | ABIL | ITIES | | | | | |
| Mortgage | % | 97,46 | 88,67 | 75,38 | 62,01 | 47,00 | 78,77 |
| Tenant occupied dwelling | % | 11,10 | 64,44 | 45,48 | 33,27 | 28,39 | 33,09 |
| Owner occupied dwelling | % | 86,36 | 24,23 | 29,89 | 28,74 | 18,62 | 45,68 |
| Student loans | % | 0,31 | 2,30 | 3,47 | 5,44 | 7,57 | 3,14 |
| Other loans (consumer debt, investment | % | 2,22 | 9,03 | 21,15 | 32,55 | 45,43 | 18,09 |
| debt) | | | | | | | |
| Total Liabilities | % | 100 | 100 | 100 | 100 | 100 | 100 |

Table B.21: Assets and liabilities composition by wealth quintile (1994)

TABLE B.22: Assets and liabilities composition by wealth quin-

tile (1995)

| FISCA | l year: 1 | 995 | | | | | |
|--------------------------------------|-----------|-------|-------|-------|-------|-------|-------|
| WEALTH | | Q1 | Q2 | Q3 | Q4 | Q5 | All |
| | ASSI | ETS | | | | | |
| Non Financial assets | % | 76,58 | 64,61 | 61,19 | 64,04 | 64,94 | 65,61 |
| Housing | % | 68,80 | 50,84 | 50,02 | 54,87 | 52,32 | 54,37 |
| Tenant occupied dwelling | % | 24,06 | 28,31 | 19,22 | 15,10 | 4,77 | 14,57 |
| Owner occupied dwelling | % | 44,74 | 22,53 | 30,80 | 39,77 | 47,55 | 39,80 |
| Business assets (net of liabilities) | % | 7,78 | 13,77 | 11,17 | 9,17 | 12,62 | 11,24 |
| Financial assets | % | 23,42 | 35,39 | 38,81 | 35,96 | 35,06 | 34,39 |
| Stocks | % | 4,46 | 4,99 | 5,50 | 5,86 | 9,92 | 7,09 |
| Deposits | % | 9,45 | 16,39 | 13,01 | 11,03 | 5,28 | 9,59 |
| Superannuation | % | 9,50 | 14,02 | 20,31 | 19,07 | 19,86 | 17,71 |
| Total Assets | % | 100 | 100 | 100 | 100 | 100 | 100 |
| | LIABIL | ITIES | | | | | |
| Mortgage | % | 98,91 | 87,92 | 80,33 | 69,83 | 64,35 | 85,23 |
| Tenant occupied dwelling | % | 49,97 | 59,77 | 51,10 | 47,12 | 48,74 | 51,01 |
| Owner occupied dwelling | % | 48,93 | 28,15 | 29,23 | 22,71 | 15,61 | 34,23 |
| Student loans | % | 0,16 | 2,09 | 2,89 | 4,27 | 5,17 | 2,19 |
| Other loans | % | 0,93 | 9,99 | 16,78 | 25,91 | 30,48 | 12,58 |
| Total Liabilities | % | 100 | 100 | 100 | 100 | 100 | 100 |

| Fiscal | YEAR: 1 | 996 | | | | | |
|--------------------------------------|---------|-------|-------|-------|-------|-------|----------------|
| WEALTH | | Q1 | Q2 | Q3 | Q4 | Q5 | All |
| | ASSI | ETS | | | | | |
| Non Financial assets | % | 69,22 | 55,43 | 60,58 | 63,91 | 65,82 | 63,66 |
| Housing | % | 65,41 | 52,17 | 44,67 | 43,60 | 55,91 | 52,24 |
| Tenant occupied dwelling | % | 6,87 | 18,32 | 15,93 | 16,10 | 7,38 | 11,77 |
| Owner occupied dwelling | % | 58,54 | 33,85 | 28,74 | 27,50 | 48,53 | 40,47 |
| Business assets (net of liabilities) | % | 3,81 | 3,27 | 15,91 | 20,31 | 9,91 | 11,42 |
| Financial assets | % | 30,78 | 44,57 | 39,42 | 36,09 | 34,18 | 36,34 |
| Stocks | % | 6,29 | 10,39 | 5,82 | 6,30 | 7,48 | 7,22 |
| Deposits | % | 10,37 | 11,70 | 13,86 | 12,73 | 6,65 | 10,02 |
| Superannuation | % | 14,12 | 22,48 | 19,74 | 17,07 | 20,05 | 19,10 |
| Total Assets | % | 100 | 100 | 100 | 100 | 100 | 100 |
| | LIABIL | ITIES | | | | | |
| Mortgage | % | 98,33 | 94,86 | 75,08 | 74,66 | 31,27 | 81,18 |
| Tenant occupied dwelling | % | 22,53 | 68,54 | 44,79 | 54,59 | 10,46 | 39 <i>,</i> 31 |
| Owner occupied dwelling | % | 75,80 | 26,32 | 30,29 | 20,07 | 20,81 | 41,87 |
| Student loans | % | 0,29 | 0,72 | 4,43 | 2,85 | 10,21 | 2,78 |
| Other loans | % | 1,38 | 4,42 | 20,49 | 22,49 | 58,51 | 16,03 |
| Total Liabilities | % | 100 | 100 | 100 | 100 | 100 | 100 |

Table B.23: Assets and liabilities composition by wealth quintile (1996)

Table B.24: Assets and liabilities composition by wealth quintile (1997)

| FISCA | l year: 1 | 997 | | | | | |
|--------------------------------------|-----------|-------|-------|-------|----------------|-------|-------|
| WEALTH | | Q1 | Q2 | Q3 | Q4 | Q5 | All |
| | ASSI | ETS | | | | | |
| Non Financial assets | % | 73,24 | 59,28 | 58,33 | 61,03 | 62,57 | 62,52 |
| Housing | % | 72,39 | 38,34 | 42,92 | 55,09 | 50,43 | 51,44 |
| Tenant occupied dwelling | % | 17,85 | 18,17 | 10,80 | 10,20 | 3,96 | 9,83 |
| Owner occupied dwelling | % | 54,54 | 20,17 | 32,12 | 44,89 | 46,46 | 41,60 |
| Business assets (net of liabilities) | % | 0,85 | 20,94 | 15,41 | 5,95 | 12,15 | 11,08 |
| Financial assets | % | 26,76 | 40,72 | 41,67 | 38,97 | 37,43 | 37,48 |
| Stocks | % | 3,72 | 8,31 | 7,26 | 4,99 | 11,23 | 8,02 |
| Deposits | % | 11,87 | 16,19 | 12,13 | 10,93 | 5,43 | 9,76 |
| Superannuation | % | 11,17 | 16,22 | 22,28 | 23,05 | 20,76 | 19,69 |
| Total Assets | % | 100 | 100 | 100 | 100 | 100 | 100 |
| | LIABIL | ITIES | | | | | |
| Mortgage | % | 97,33 | 84,43 | 74,10 | 57 <i>,</i> 96 | 35,40 | 77,98 |
| Tenant occupied dwelling | % | 25,02 | 53,61 | 35,96 | 29,50 | 13,74 | 29,48 |
| Owner occupied dwelling | % | 72,31 | 30,82 | 38,14 | 28,46 | 21,66 | 48,51 |
| Student loans | % | 0,63 | 2,02 | 3,93 | 6,20 | 9,05 | 3,26 |
| Other loans | % | 2,03 | 13,55 | 21,96 | 35,84 | 55,55 | 18,76 |
| Total Liabilities | % | 100 | 100 | 100 | 100 | 100 | 100 |

| FISCAL | YEAR: 1 | 998 | | | | | |
|--------------------------------------|---------|-------|-------|-------|-------|-------|-------|
| WEALTH | | Q1 | Q2 | Q3 | Q4 | Q5 | All |
| | ASSI | ETS | | | | | |
| Non Financial assets | % | 72,44 | 57,46 | 58,38 | 61,81 | 61,17 | 61,91 |
| Housing | % | 68,75 | 35,65 | 44,13 | 56,34 | 50,12 | 51,14 |
| Tenant occupied dwelling | % | 15,84 | 16,98 | 11,37 | 10,91 | 3,57 | 9,62 |
| Owner occupied dwelling | % | 52,91 | 18,68 | 32,77 | 45,42 | 46,56 | 41,52 |
| Business assets (net of liabilities) | % | 3,69 | 21,81 | 14,25 | 5,48 | 11,05 | 10,77 |
| Financial assets | % | 27,56 | 42,54 | 41,62 | 38,19 | 38,83 | 38,09 |
| Stocks | % | 3,88 | 10,47 | 6,97 | 6,57 | 10,95 | 8,41 |
| Deposits | % | 10,94 | 15,31 | 11,31 | 10,77 | 5,37 | 9,40 |
| Superannuation | % | 12,74 | 16,76 | 23,34 | 20,84 | 22,50 | 20,28 |
| Total Assets | % | 100 | 100 | 100 | 100 | 100 | 100 |
| | LIABIL | ITIES | | | | | |
| Mortgage | % | 97,35 | 83,67 | 74,25 | 55,56 | 33,57 | 77,05 |
| Tenant occupied dwelling | % | 25,57 | 55,33 | 41,04 | 31,75 | 12,51 | 30,86 |
| Owner occupied dwelling | % | 71,78 | 28,34 | 33,21 | 23,82 | 21,06 | 46,19 |
| Student loans | % | 0,62 | 2,47 | 3,87 | 6,57 | 9,00 | 3,40 |
| Other loans | % | 2,03 | 13,86 | 21,88 | 37,87 | 57,43 | 19,55 |
| Total Liabilities | % | 100 | 100 | 100 | 100 | 100 | 100 |

| TABLE B.25: ASSETS AND LIABILITIES COMPOSITION BY WEALTH QUIN- |
|--|
| TILE (1998) |

Table B.26: Assets and liabilities composition by wealth quintile (1999)

| Fiscai | L YEAR: 1 | 999 | | | | | |
|--------------------------------------|-----------|-------|-------|-------|-------|-------|-------|
| WEALTH | | Q1 | Q2 | Q3 | Q4 | Q5 | All |
| | ASSI | ETS | | | | | |
| Non Financial assets | % | 71,58 | 61,23 | 60,14 | 59,96 | 59,57 | 61,56 |
| Housing | % | 76,35 | 48,12 | 48,89 | 50,04 | 46,36 | 51,76 |
| Tenant occupied dwelling | % | 22,29 | 19,24 | 14,16 | 7,76 | 3,53 | 10,47 |
| Owner occupied dwelling | % | 54,06 | 28,88 | 34,73 | 42,28 | 42,83 | 41,29 |
| Business assets (net of liabilities) | % | -4,77 | 13,11 | 11,25 | 9,93 | 13,21 | 9,79 |
| Financial assets | % | 28,42 | 38,77 | 39,86 | 40,04 | 40,43 | 38,44 |
| Stocks | % | 4,52 | 7,42 | 7,31 | 5,36 | 14,39 | 9,29 |
| Deposits | % | 12,37 | 15,15 | 11,47 | 8,13 | 4,87 | 8,81 |
| Superannuation | % | 11,53 | 16,21 | 21,08 | 26,54 | 21,17 | 20,35 |
| Total Assets | % | 100 | 100 | 100 | 100 | 100 | 100 |
| | LIABIL | ITIES | | | | | |
| Mortgage | % | 96,36 | 87,59 | 70,69 | 57,11 | 44,81 | 78,74 |
| Tenant occupied dwelling | % | 32,53 | 53,24 | 48,05 | 34,13 | 29,46 | 37,67 |
| Owner occupied dwelling | % | 63,83 | 34,35 | 22,64 | 22,98 | 15,36 | 41,07 |
| Student loans | % | 0,88 | 2,43 | 3,71 | 6,24 | 7,38 | 3,15 |
| Other loans | % | 2,76 | 9,98 | 25,60 | 36,65 | 47,81 | 18,12 |
| Total Liabilities | % | 100 | 100 | 100 | 100 | 100 | 100 |

| FISCAL Y | EAR: 2 | 000 | | | | | |
|--------------------------------------|--------|-------|-------|----------------|-------|-------|---------------|
| WEALTH | | Q1 | Q2 | Q3 | Q4 | Q5 | All |
| | ASSI | ETS | | | | | |
| Non Financial assets | % | 63,29 | 65,71 | 61,94 | 66,56 | 59,08 | 62,43 |
| Housing | % | 57,91 | 55,06 | 50,91 | 62,02 | 48,24 | 53,54 |
| Tenant occupied dwelling | % | 4,36 | 27,76 | 21,11 | 16,77 | 4,08 | 12,54 |
| Owner occupied dwelling | % | 53,55 | 27,30 | 29,80 | 45,25 | 44,16 | 41,00 |
| Business assets (net of liabilities) | % | 5,38 | 10,65 | 11,03 | 4,54 | 10,84 | 8,89 |
| Financial assets | % | 36,71 | 34,29 | 38,06 | 33,44 | 40,92 | 37,57 |
| Stocks | % | 7,66 | 8,60 | 7,44 | 4,87 | 13,49 | 9 <i>,</i> 37 |
| Deposits | % | 8,43 | 14,63 | 9,43 | 8,74 | 4,67 | 7 <i>,</i> 98 |
| Superannuation | % | 20,63 | 11,05 | 21,19 | 19,83 | 22,77 | 20,21 |
| Total Assets | % | 100 | 100 | 100 | 100 | 100 | 100 |
|] | LIABIL | ITIES | | | | | |
| Mortgage | % | 97,79 | 88,26 | 77 <i>,</i> 70 | 62,04 | 31,90 | 77,61 |
| Tenant occupied dwelling | % | 17,22 | 62,51 | 51,48 | 39,04 | 12,68 | 34,94 |
| Owner occupied dwelling | % | 80,58 | 25,74 | 26,22 | 23,00 | 19,22 | 42,67 |
| Student loans | % | 0,32 | 2,42 | 3,08 | 5,64 | 9,28 | 3,31 |
| Other loans | % | 1,88 | 9,32 | 19,23 | 32,33 | 58,82 | 19,07 |
| Total Liabilities | % | 100 | 100 | 100 | 100 | 100 | 100 |

TABLE B.27: Assets and liabilities composition by wealth quintile (2000)

TABLE B.28: Assets and liabilities composition by wealth quintile (2001)

| FISCA | l year: 2 | 001 | | | | | |
|--------------------------------------|-----------|---------------|-------|----------------|-------|-------|-------|
| WEALTH | | Q1 | Q2 | Q3 | Q4 | Q5 | All |
| | ASSI | ETS | | | | | |
| Non Financial assets | % | 64,85 | 57,36 | 62,96 | 62,46 | 65,84 | 63,59 |
| Housing | % | 56,02 | 46,57 | 55 <i>,</i> 53 | 55,14 | 55,57 | 54,45 |
| Tenant occupied dwelling | % | 7,81 | 24,56 | 24,41 | 17,75 | 5,76 | 13,73 |
| Owner occupied dwelling | % | 48,20 | 22,01 | 31,12 | 37,39 | 49,81 | 40,72 |
| Business assets (net of liabilities) | % | 8,83 | 10,79 | 7,43 | 7,32 | 10,27 | 9,14 |
| Financial assets | % | 35,15 | 42,64 | 37,04 | 37,54 | 34,16 | 36,41 |
| Stocks | % | 5 <i>,</i> 98 | 14,51 | 10,31 | 9,00 | 9,04 | 9,62 |
| Deposits | % | 7,33 | 14,88 | 10,12 | 8,84 | 4,22 | 7,70 |
| Superannuation | % | 21,84 | 13,25 | 16,61 | 19,70 | 20,90 | 19,10 |
| Total Assets | % | 100 | 100 | 100 | 100 | 100 | 100 |
| | LIABIL | ITIES | | | | | |
| Mortgage | % | 98,04 | 90,55 | 91,12 | 81,22 | 60,28 | 84,77 |
| Tenant occupied dwelling | % | 23,67 | 60,98 | 72,38 | 65,28 | 41,41 | 52,18 |
| Owner occupied dwelling | % | 74,37 | 29,57 | 18,74 | 15,94 | 18,87 | 32,59 |
| Student loans | % | 0,35 | 2,28 | 1,21 | 2,37 | 5,06 | 2,14 |
| Other loans | % | 1,61 | 7,17 | 7,67 | 16,41 | 34,66 | 13,09 |
| Total Liabilities | % | 100 | 100 | 100 | 100 | 100 | 100 |

| FISCAL | YEAR: 2 | 002 | | | | | |
|--------------------------------------|---------|-------|-------|-------|-------|----------------|---------------|
| WEALTH | | Q1 | Q2 | Q3 | Q4 | Q5 | All |
| | ASSI | ETS | | | | | |
| Non Financial assets | % | 64,34 | 58,65 | 69,32 | 70,06 | 66,66 | 66,56 |
| Housing | % | 61,19 | 38,70 | 59,37 | 63,13 | 58,07 | 57,18 |
| Tenant occupied dwelling | % | 4,37 | 16,44 | 28,69 | 25,32 | 6,98 | 14,90 |
| Owner occupied dwelling | % | 56,82 | 22,25 | 30,68 | 37,81 | 51,10 | 42,28 |
| Business assets (net of liabilities) | % | 3,15 | 19,96 | 9,95 | 6,93 | 8,58 | 9 <i>,</i> 37 |
| Financial assets | % | 35,66 | 41,35 | 30,68 | 29,94 | 33,34 | 33,44 |
| Stocks | % | 6,40 | 12,23 | 6,21 | 6,29 | 9,56 | 8,42 |
| Deposits | % | 8,02 | 11,26 | 9,01 | 9,62 | 3,95 | 7,10 |
| Superannuation | % | 21,24 | 17,85 | 15,46 | 14,03 | 19,84 | 17,92 |
| Total Assets | % | 100 | 100 | 100 | 100 | 100 | 100 |
| | LIABIL | ITIES | | | | | |
| Mortgage | % | 97,43 | 89,94 | 92,16 | 82,95 | 67,48 | 85,85 |
| Tenant occupied dwelling | % | 17,62 | 62,66 | 76,66 | 68,75 | 52 <i>,</i> 52 | 54,99 |
| Owner occupied dwelling | % | 79,81 | 27,28 | 15,50 | 14,21 | 14,96 | 30,86 |
| Student loans | % | 0,33 | 1,21 | 1,13 | 2,34 | 4,25 | 1,88 |
| Other loans | % | 2,24 | 8,85 | 6,71 | 14,70 | 28,27 | 12,27 |
| Total Liabilities | % | 100 | 100 | 100 | 100 | 100 | 100 |

TABLE B.29: Assets and liabilities composition by wealth quintile (2002)

TABLE B.30: Assets and liabilities composition by wealth quintile (2003)

| FISCA | l year: 2 | 003 | | | | | |
|--------------------------------------|-----------|-------|----------------|-------|-------|-------|-------|
| WEALTH | | Q1 | Q2 | Q3 | Q4 | Q5 | All |
| | ASSI | ETS | | | | | |
| Non Financial assets | % | 80,65 | 74,24 | 75,55 | 74,95 | 71,80 | 74,65 |
| Housing | % | 75,38 | 53 <i>,</i> 51 | 73,37 | 73,77 | 62,50 | 66,71 |
| Tenant occupied dwelling | % | 52,03 | 34,13 | 41,84 | 30,57 | 12,95 | 29,61 |
| Owner occupied dwelling | % | 23,35 | 19,37 | 31,53 | 43,20 | 49,55 | 37,10 |
| Business assets (net of liabilities) | % | 5,26 | 20,74 | 2,18 | 1,18 | 9,30 | 7,94 |
| Financial assets | % | 19,35 | 25,76 | 24,45 | 25,05 | 28,20 | 25,35 |
| Stocks | % | 4,30 | 6,67 | 4,01 | 3,04 | 7,89 | 5,71 |
| Deposits | % | 4,48 | 5 <i>,</i> 29 | 10,01 | 7,82 | 4,23 | 5,91 |
| Superannuation | % | 10,58 | 13,79 | 10,43 | 14,18 | 16,08 | 13,72 |
| Total Assets | % | 100 | 100 | 100 | 100 | 100 | 100 |
| | LIABIL | ITIES | | | | | |
| Mortgage | % | 99,38 | 97,76 | 90,44 | 81,03 | 80,21 | 93,62 |
| Tenant occupied dwelling | % | 81,28 | 88,44 | 68,82 | 60,13 | 69,17 | 78,46 |
| Owner occupied dwelling | % | 18,11 | 9,32 | 21,62 | 20,90 | 11,04 | 15,15 |
| Student loans | % | 0,07 | 0,11 | 1,60 | 2,51 | 2,52 | 0,80 |
| Other loans | % | 0,55 | 2,13 | 7,96 | 16,46 | 17,26 | 5,58 |
| Total Liabilities | % | 100 | 100 | 100 | 100 | 100 | 100 |

| FISCAL Y | EAR: 2 | 004 | | | | | |
|--------------------------------------|--------|-------|-------|-------|-------|-------|-------|
| WEALTH | | Q1 | Q2 | Q3 | Q4 | Q5 | All |
| | ASSI | ETS | | | | | |
| Non Financial assets | % | 87,58 | 74,76 | 82,66 | 80,38 | 78,50 | 80,93 |
| Housing | % | 87,91 | 74,16 | 79,61 | 71,34 | 68,82 | 75,23 |
| Tenant occupied dwelling | % | 56,93 | 29,37 | 68,01 | 51,88 | 42,20 | 48,74 |
| Owner occupied dwelling | % | 30,98 | 44,80 | 11,60 | 19,46 | 26,61 | 26,49 |
| Business assets (net of liabilities) | % | -0,33 | 0,60 | 3,05 | 9,04 | 9,68 | 5,70 |
| Financial assets | % | 12,42 | 25,24 | 17,34 | 19,62 | 21,50 | 19,07 |
| Stocks | % | 1,89 | 3,74 | 2,64 | 3,18 | 8,01 | 4,75 |
| Deposits | % | 5,33 | 10,40 | 3,82 | 2,97 | 2,43 | 4,13 |
| Superannuation | % | 5,20 | 11,10 | 10,88 | 13,46 | 11,06 | 10,19 |
| Total Assets | % | 100 | 100 | 100 | 100 | 100 | 100 |
| Ι | IABIL | ITIES | | | | | |
| Mortgage | % | 99,16 | 98,47 | 77,95 | 40,85 | 63,84 | 97,13 |
| Tenant occupied dwelling | % | 90,34 | 95,38 | 62,71 | 23,35 | 57,52 | 90,16 |
| Owner occupied dwelling | % | 8,83 | 3,09 | 15,24 | 17,50 | 6,32 | 6,97 |
| Student loans | % | 0,14 | 0,24 | 2,00 | 4,39 | 3,78 | 0,34 |
| Other loans | % | 0,70 | 1,29 | 20,05 | 54,76 | 32,38 | 2,53 |
| Total Liabilities | % | 100 | 100 | 100 | 100 | 100 | 100 |

TABLE B.31: Assets and liabilities composition by wealth quintile (2004)

TABLE B.32: Assets and liabilities composition by wealth quintile (2005)

| FISCAI | YEAR: 2 | 005 | | | | | |
|--------------------------------------|---------|-------|-------|-------|-------|-------|---------------|
| WEALTH | | Q1 | Q2 | Q3 | Q4 | Q5 | All |
| | ASSI | ETS | | | | | |
| Non Financial assets | % | 87,59 | 72,15 | 68,59 | 65,60 | 63,76 | 71,79 |
| Housing | % | 86,98 | 70,05 | 65,52 | 50,01 | 51,51 | 64,33 |
| Tenant occupied dwelling | % | 58,02 | 27,18 | 25,00 | 28,25 | 13,07 | 30,14 |
| Owner occupied dwelling | % | 28,96 | 42,87 | 40,52 | 21,75 | 38,43 | 34,19 |
| Business assets (net of liabilities) | % | 0,61 | 2,10 | 3,07 | 15,60 | 12,25 | 7,47 |
| Financial assets | % | 12,41 | 27,85 | 31,41 | 34,40 | 36,24 | 28,21 |
| Stocks | % | 3,19 | 5,68 | 5,62 | 9,75 | 14,16 | 8,64 |
| Deposits | % | 5,80 | 9,33 | 7,29 | 4,98 | 3,34 | 5 <i>,</i> 39 |
| Superannuation | % | 3,41 | 12,84 | 18,50 | 19,67 | 18,74 | 14,17 |
| Total Assets | % | 100 | 100 | 100 | 100 | 100 | 100 |
| | LIABIL | ITIES | | | | | |
| Mortgage | % | 98,99 | 93,35 | 89,34 | 50,55 | 43,92 | 93,80 |
| Tenant occupied dwelling | % | 82,79 | 82,01 | 81,27 | 38,45 | 34,22 | 79,47 |
| Owner occupied dwelling | % | 16,19 | 11,35 | 8,07 | 12,10 | 9,70 | 14,33 |
| Student loans | % | 0,21 | 0,87 | 1,09 | 2,48 | 5,93 | 0,70 |
| Other loans | % | 0,81 | 5,78 | 9,57 | 46,96 | 50,15 | 5,50 |
| Total Liabilities | % | 100 | 100 | 100 | 100 | 100 | 100 |

| FISCAL | YEAR: 2 | 006 | | | | | |
|--------------------------------------|---------|-------|-------|-------|----------------|-------|-------|
| WEALTH | | Q1 | Q2 | Q3 | Q4 | Q5 | All |
| | ASSI | ETS | | | | | |
| Non Financial assets | % | 89,60 | 73,76 | 59,29 | 67,67 | 61,97 | 71,65 |
| Housing | % | 91,10 | 75,15 | 52,70 | 50 <i>,</i> 92 | 49,69 | 64,62 |
| Tenant occupied dwelling | % | 62,42 | 27,29 | 36,12 | 25,03 | 13,36 | 31,95 |
| Owner occupied dwelling | % | 28,68 | 47,87 | 16,58 | 25,89 | 36,33 | 32,67 |
| Business assets (net of liabilities) | % | -1,51 | -1,39 | 6,59 | 16,76 | 12,28 | 7,03 |
| Financial assets | % | 10,40 | 26,24 | 40,71 | 32,33 | 38,03 | 28,35 |
| Stocks | % | 1,92 | 3,84 | 6,98 | 7,68 | 15,76 | 8,64 |
| Deposits | % | 5,03 | 9,43 | 7,59 | 4,89 | 3,32 | 5,10 |
| Superannuation | % | 3,45 | 12,97 | 26,14 | 19,75 | 18,95 | 14,62 |
| Total Assets | % | 100 | 100 | 100 | 100 | 100 | 100 |
| | LIABIL | ITIES | | | | | |
| Mortgage | % | 99,02 | 94,16 | 71,67 | 45,42 | 44,53 | 94,10 |
| Tenant occupied dwelling | % | 83,56 | 85,72 | 62,86 | 34,60 | 38,10 | 80,70 |
| Owner occupied dwelling | % | 15,46 | 8,44 | 8,81 | 10,82 | 6,43 | 13,40 |
| Student loans | % | 0,21 | 0,85 | 2,17 | 3,26 | 5,97 | 0,70 |
| Other loans | % | 0,77 | 4,99 | 26,16 | 51,33 | 49,50 | 5,21 |
| Total Liabilities | % | 100 | 100 | 100 | 100 | 100 | 100 |

| TABLE B.33: ASSETS AND LIABILITIES COM | MPOSITION BY WEALTH QUIN- |
|--|---------------------------|
| TILE (2006 |) |

Table B.34: Assets and liabilities composition by wealth quintile (2007)

| FISCA | L YEAR: 2 | 2007 | | | | | |
|--------------------------------------|-----------|--------|----------------|-------|----------------|----------------|-------|
| WEALTH | | Q1 | Q2 | Q3 | Q4 | Q5 | All |
| | ASS | ETS | | | | | |
| Non Financial assets | % | 65,35 | 56,60 | 66,67 | 71,77 | 66,62 | 65,96 |
| Housing | % | 77,42 | 68,16 | 56,81 | 52,15 | 52 <i>,</i> 37 | 57,97 |
| Tenant occupied dwelling | % | 33,84 | 35,34 | 25,08 | 20,72 | 9,02 | 19,71 |
| Owner occupied dwelling | % | 43,58 | 32,81 | 31,73 | 31,43 | 43,36 | 38,26 |
| Business assets (net of liabilities) | % | -12,07 | -11,56 | 9,86 | 19,62 | 14,25 | 7,99 |
| Financial assets | % | 34,65 | 43,40 | 33,33 | 28,23 | 33,38 | 34,04 |
| Stocks | % | 7,36 | 7,25 | 7,47 | 7,09 | 11,90 | 9,30 |
| Deposits | % | 9,56 | 10,33 | 7,11 | 5,16 | 3,18 | 5,78 |
| Superannuation | % | 17,73 | 25,82 | 18,75 | 15 <i>,</i> 97 | 18,30 | 18,95 |
| Total Assets | % | 100 | 100 | 100 | 100 | 100 | 100 |
| | LIABI | LITIES | | | | | |
| Mortgage | % | 98,41 | 95 <i>,</i> 85 | 91,56 | 74,15 | 46,83 | 89,35 |
| Tenant occupied dwelling | % | 51,28 | 85,07 | 82,82 | 60,16 | 35,62 | 66,45 |
| Owner occupied dwelling | % | 47,13 | 10,78 | 8,75 | 13,99 | 11,21 | 22,90 |
| Student loans | % | 0,14 | 0,32 | 0,93 | 2,90 | 7,61 | 1,32 |
| Other loans | % | 1,45 | 3,82 | 7,50 | 22,96 | 45,56 | 9,33 |
| Total Liabilities | % | 100 | 100 | 100 | 100 | 100 | 100 |

| FISCAL YEAR: 2008 | | | | | | | | |
|--------------------------------------|---|-------|-------|-------|-------|-------|----------------|--|
| WEALTH | | Q1 | Q2 | Q3 | Q4 | Q5 | All | |
| ASSETS | | | | | | | | |
| Non Financial assets | % | 82,70 | 74,94 | 69,88 | 59,12 | 65,25 | 68,22 | |
| Housing | % | 81,69 | 48,00 | 53,65 | 61,43 | 59,16 | 59 <i>,</i> 79 | |
| Tenant occupied dwelling | % | 18,52 | 37,92 | 25,26 | 30,52 | 10,85 | 20,99 | |
| Owner occupied dwelling | % | 63,17 | 10,08 | 28,39 | 30,91 | 48,32 | 38,79 | |
| Business assets (net of liabilities) | % | 1,01 | 26,94 | 16,24 | -2,31 | 6,09 | 8,43 | |
| Financial assets | % | 17,30 | 25,06 | 30,12 | 40,88 | 34,75 | 31,78 | |
| Stocks | % | 3,98 | 9,57 | 6,38 | 7,18 | 8,42 | 7,53 | |
| Deposits | % | 5,23 | 6,38 | 6,77 | 11,18 | 4,60 | 6,38 | |
| Superannuation | % | 8,09 | 9,11 | 16,97 | 22,52 | 21,73 | 17,86 | |
| Total Assets | % | 100 | 100 | 100 | 100 | 100 | 100 | |
| LIABILITIES | | | | | | | | |
| Mortgage | % | 99,04 | 97,27 | 89,81 | 79,57 | 59,19 | 89,84 | |
| Tenant occupied dwelling | % | 33,33 | 95,18 | 86,73 | 75,12 | 55,32 | 64,92 | |
| Owner occupied dwelling | % | 65,71 | 2,09 | 3,09 | 4,45 | 3,87 | 24,92 | |
| Student loans | % | 0,15 | 0,09 | 1,24 | 3,72 | 5,22 | 1,31 | |
| Other loans | % | 0,81 | 2,64 | 8,95 | 16,71 | 35,59 | 8,85 | |
| Total Liabilities | % | 100 | 100 | 100 | 100 | 100 | 100 | |

Table B.35: Assets and liabilities composition by wealth quintile (2008)

Table B.36: Assets and liabilities composition by wealth quintile (2010)

| FISCA | l year: 2 | 010 | | | | | |
|--------------------------------------|-----------|-------|-------|-------|-------|-------|-------|
| WEALTH | | Q1 | Q2 | Q3 | Q4 | Q5 | All |
| | ASSI | ETS | | | | | |
| Non Financial assets | % | 77,65 | 69,71 | 77,11 | 77,58 | 75,73 | 75,84 |
| Housing | % | 82,87 | 71,06 | 60,72 | 64,99 | 62,80 | 69,54 |
| Tenant occupied dwelling | % | 54,73 | 41,45 | 36,25 | 31,15 | 27,09 | 37,91 |
| Owner occupied dwelling | % | 28,14 | 29,60 | 24,47 | 33,84 | 35,72 | 31,63 |
| Business assets (net of liabilities) | % | -5,22 | -1,35 | 16,39 | 12,59 | 12,92 | 6,31 |
| Financial assets | % | 22,35 | 30,29 | 22,89 | 22,42 | 24,27 | 24,16 |
| Stocks | % | 2,12 | 2,65 | 3,49 | 2,88 | 7,87 | 4,49 |
| Deposits | % | 7,82 | 8,95 | 6,58 | 4,33 | 3,04 | 5,62 |
| Superannuation | % | 12,41 | 18,68 | 12,83 | 15,21 | 13,36 | 14,05 |
| Total Assets | % | 100 | 100 | 100 | 100 | 100 | 100 |
| | LIABIL | ITIES | | | | | |
| Mortgage | % | 99,05 | 97,79 | 66,72 | 51,50 | 27,88 | 95,43 |
| Tenant occupied dwelling | % | 81,26 | 92,89 | 51,96 | 38,48 | 19,52 | 81,09 |
| Owner occupied dwelling | % | 17,79 | 4,90 | 14,75 | 13,02 | 8,36 | 14,34 |
| Student loans | % | 0,06 | 0,43 | 8,61 | 8,53 | 8,44 | 0,64 |
| Other loans | % | 0,90 | 1,78 | 24,67 | 39,97 | 63,68 | 3,93 |
| Total Liabilities | % | 100 | 100 | 100 | 100 | 100 | 100 |

| FISCAL YEAR: 2011 | | | | | | | | |
|--------------------------------------|-------------|-------|-------|-------|-------|-------|----------------|--|
| WEALTH | | Q1 | Q2 | Q3 | Q4 | Q5 | All | |
| ASSETS | | | | | | | | |
| Non Financial assets | % | 77,44 | 47,00 | 63,19 | 70,01 | 68,76 | 66,89 | |
| Housing | % | 76,98 | 49,35 | 59,77 | 56,79 | 55,92 | 58,85 | |
| Tenant occupied dwelling | % | 23,24 | 19,88 | 27,00 | 20,46 | 12,51 | 18,63 | |
| Owner occupied dwelling | % | 53,74 | 29,47 | 32,78 | 36,33 | 43,41 | 40,22 | |
| Business assets (net of liabilities) | % | 0,46 | -2,35 | 3,42 | 13,22 | 12,84 | 8,04 | |
| Financial assets | % | 22,56 | 53,00 | 36,81 | 29,99 | 31,24 | 33,12 | |
| Stocks | % | 3,18 | 7,24 | 4,00 | 4,71 | 8,01 | 6,00 | |
| Deposits | % | 8,35 | 19,33 | 9,63 | 6,23 | 4,31 | 7,73 | |
| Superannuation | % | 11,03 | 26,43 | 23,17 | 19,05 | 18,92 | 19,39 | |
| Total Assets | % | 100 | 100 | 100 | 100 | 100 | 100 | |
| | LIABILITIES | | | | | | | |
| Mortgage | % | 99,10 | 94,11 | 90,13 | 79,17 | 63,55 | 89,42 | |
| Tenant occupied dwelling | % | 35,12 | 72,07 | 79,18 | 63,51 | 50,27 | 55 <i>,</i> 91 | |
| Owner occupied dwelling | % | 63,98 | 22,04 | 10,95 | 15,66 | 13,28 | 33,51 | |
| Student loans | % | 0,13 | 0,59 | 1,72 | 3,45 | 4,91 | 1,53 | |
| Other loans | % | 0,77 | 5,30 | 8,15 | 17,38 | 31,54 | 9,04 | |
| Total Liabilities | % | 100 | 100 | 100 | 100 | 100 | 100 | |

TABLE B.37: Assets and liabilities composition by wealth quintile (2011)

C. Data appendix

- C.1 National Account Data
- C.1.1 Capital income and wealth in national accounts

| VARIABLE | SOURCE | PUBLICATION | SERIES | | | | | | |
|--|--------|-------------|------------|--|--|--|--|--|--|
| SUPERANNUATION | | | | | | | | | |
| Imputed interest ¹ | ABS | 5204.0.T36 | A2421964T | | | | | | |
| FIXED INCOME CLAIMS | | | | | | | | | |
| Interest | ABS | 5204.0.T36 | A2421963R | | | | | | |
| <i>minus</i> Interest on consumer debt ² | ABS | 5204.0.T36 | A2421976A | | | | | | |
| Stocks | | | | | | | | | |
| Dividends | ABS | 5204.0.T36 | A2421965V | | | | | | |
| <i>plus</i> Reinvested earnings ³ | ABS | 5204.0.T36 | A3539254X | | | | | | |
| Housing | | | | | | | | | |
| Gross operating surplus from ownership of dwellings by persons | ABS | 5204.0. T49 | A2422348F | | | | | | |
| equals Gross rent - Imputed rent for owner-occupiers | ABS | 5204.0. T49 | A2422340L | | | | | | |
| plus Gross rent - Actual rent for housing | ABS | 5204.0. T49 | A2422341R | | | | | | |
| minus Interest paid on tenant-occupied mortgage | | | | | | | | | |
| derived from | | | | | | | | | |
| Interest paid on mortgage | ABS | 5204.0. T36 | A2421975X | | | | | | |
| Loans and placement | ABS | 5204.0. T41 | A222092L | | | | | | |
| Tenant occupied mortgage | ABS | 5204.0. T36 | A2421975X | | | | | | |
| minus Consumption of fixed capital on ten- | | | | | | | | | |
| ant occupied housing stock | | | | | | | | | |
| derived from | RBA | | | | | | | | |
| Consumption of fixed capital | | | | | | | | | |
| Residential land and dwellings | ABS | 5232.0. T43 | A83728305F | | | | | | |
| Value of owner occupied dwelling | SIH | 6553.0. T3 | | | | | | | |
| Value of other residential property | SIH | 6553.0. T3 | | | | | | | |
| B USINESS INCOME | | | | | | | | | |
| Gross Mixed Income (25% K ; 75% L) ⁴ | ABS | 5204.0.T36 | A2421961K | | | | | | |
| plus Rent on natural assets (received) | ABS | 5204.0.T36 | A2421966W | | | | | | |
| minus Rent on natural assets (paid) | ABS | 5204.0.T36 | A2421978F | | | | | | |
| minus Interest on unincorporated business | ABS | 5204.0.T36 | A2519082W | | | | | | |

TABLE C.1: CAPITAL INCOME IN NATIONAL ACCOUNTS

¹ This item includes pensions received by retired households and imputed interests for people that have accumulated superannuation wealth but are still working. When we only needed the observable part of this item, i.e. the income actually received by households, we used data provided by the Survey of Income and Housing (SIH), "Superannuation income received by households".

 2 This item is not observable in tax data, reason for which it is not present in Table C.7 to compute the control income

³ This item is not observable in tax data, reason for which it is not present in Table C.8 to compute the control income

⁴ This decomposition follows Piketty and Zucman (2014)

| VARIABLE | SOURCE | PUBLICATION | SERIES | | | | | |
|--|--------|-------------|------------|--|--|--|--|--|
| SUPERANNUATION | | | | | | | | |
| Insurance technical reserves | ABS | 5204.T41 | A2422087V | | | | | |
| FIXED INCOME CLAIMS | | | | | | | | |
| Deposits | ABS | 5204.T41 | A2422083K | | | | | |
| <i>plus</i> Securities (assets) | ABS | 5204.T41 | A2422084L | | | | | |
| minus Securities (liabilities) | ABS | 5204.T41 | A2422091K | | | | | |
| <i>minus</i> Consumer and UI loans ¹ | | | | | | | | |
| equals Loans and placement | ABS | 5204.0. T41 | A222092L | | | | | |
| minus Loan Outstandings to Households for Housing | ABS | 5232.0. T51 | A3571775F | | | | | |
| BUSINESS ASSETS | | | | | | | | |
| Business wealth | | | | | | | | |
| equals Non financial assets | ABS | 5204.T41 | A2422062X | | | | | |
| minus Residential land and dwellings | ABS | 5232.0. T43 | A83728305F | | | | | |
| Financial assets and liabilities related to business wealth | | | | | | | | |
| equals Other accounts (assets) | ABS | 5204.T41 | A2422089X | | | | | |
| minus Other accounts (liabilities) | ABS | 5204.T41 | A2422093R | | | | | |
| TENANT OCCUPIED HOUSING | | | | | | | | |
| Tenant occupied housing stock <i>derived from</i> ² | | | | | | | | |
| Residential land and dwellings | ABS | 5232.0. T43 | A83728305F | | | | | |
| Value of owner occupied dwelling | SIH | 6553.0. T3 | | | | | | |
| Value of other residential property | SIH | 6553.0. T3 | | | | | | |
| minus Mortgage of owner-occupiers | RBA | D2 | DBLSLPHO | | | | | |
| Stocks | | | | | | | | |
| Shares and other equities | ABS | 5204.T41 | A2422085R | | | | | |

TABLE C.2: Wealth in Household balance sheet

¹ To be consistent with fiscal data, interest paid by UI must be deduced from gross mixed income to get net business income. However, there is no business debt in household balance sheet. To infer the aggregate value of business loans, we used HILDA and assumed that the share of business loans in non-mortgage debt in household balance sheet was the same than the one computed from HILDA.

² To limit the discrepancy between ABS and SIH totals, we applied the following methodology. For the years 2004-2014, we compute the share of owner-occupied housing in the total SIH housing stock and apply this ratio to the ABS data. When intermediary years were missing, we used linear interpolation.

For the years prior to the SIH, we assume the share of owner-occupied housing in total stock is given by the value of the last year available, i.e. 2004.

C.1.2 Excluding non-profit institutions from household sector

Non-profit institutions (NPIs) are included in the Household (HH) sector by the ABS. NPIs ABS satellite accounts and the SIH, where NPIs are not present, allows us, for some years, to exclude NPIs from the HH sector (after ensuring consistency between the definitions of wealth between the two sources). For the intermediary years, we used linear

interpolation¹. Since we had no information on the composition of the non financial portfolio of NPIs, i.e. on the arbitrage between housing and business assets, to be consistent with the housing income item that excludes non-profit institutions, we allocated all NPIs' non financial wealth in the HH business wealth. Finally, for years prior to 2000, first year where we have information on NPIs, we assumed the size of the NPIs sector was given by the size of 2000.

Figure C.1-C.5 shows that excluding the NPIs has a limited effect on the wealth rate of returns. The most affected asset is business wealth. This is the consequence of our extreme hypothesis that allocated all NPIs non financial wealth in the HH sector.

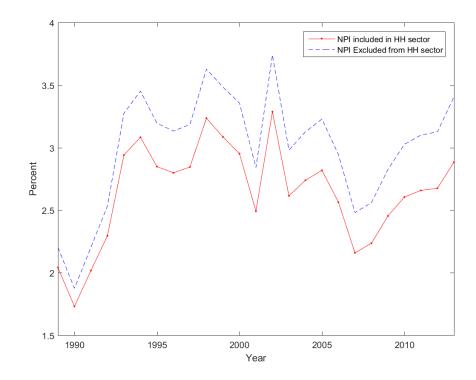


FIGURE C.1: Return business assets

¹In order to limit the incidence of the interpolation, we used the linear interpolation on the ratio of the NPIs' aggregate on total household sector. It ensures that the size of the NPIs sector is stable in the intermediary years

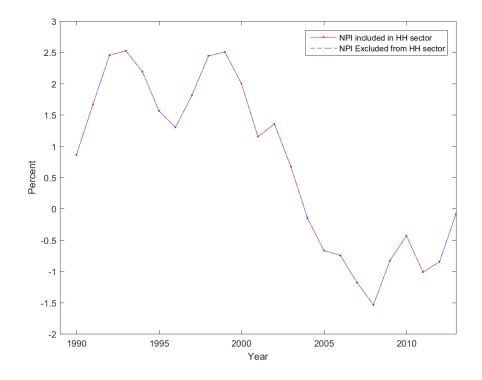


FIGURE C.2: Return housing

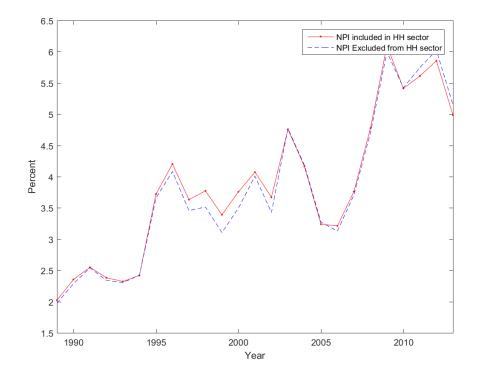
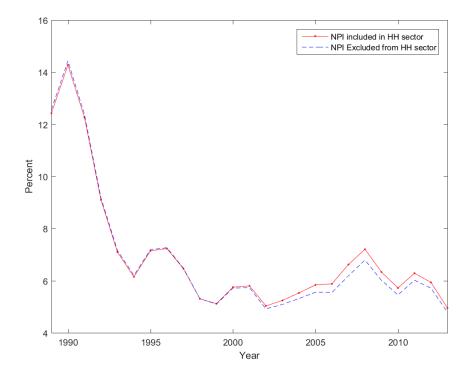
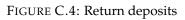


FIGURE C.3: Return stocks





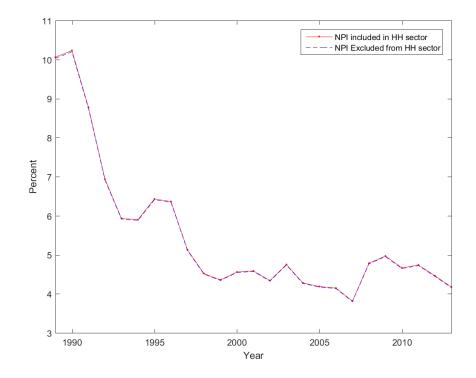


FIGURE C.5: Return superannuation

C.2 Comparison between our synthetic sample and the ATO Sample files

The ATO proposes microfiles presenting information on a randomly selected sample of filers on a large number of income items and personal characteristics. Following the years, this sample represents a 1 or 2% sample of tax-filers. The data are confidentialized using a zero-mean randomized perturbation. Sample files are also bottom and top-coded. The top-coding is problematic since it affects many members of top income groups (see Burkhauser, Hahn, and Wilkins, 2016). We thus decided to use the Pareto Curve Approach furthered by Fournier (2015) to estimate individual data using tabulated data, that are neither top- or bottom-coded nor perturbated. Table C.3 shows how the Pareto curve performs in reproducing the population distribution on a series of capital income components² for the fiscal year 2003-2004. Before computing the information on the left hand side of the table, non taxable filers (those who filled a return but were not taxable) have been introduced. That explains why a significant part of the population is included in the bracket 5000-10000: since all non-taxable filers are attributed the same income (6220 \$ for this year), they are part of the same income bracket. This uniform imputation explains why the sample composition below 15 000 \$ is smoother in the ATO sample data that in our synthetic sample. However, one should note that the bottom coding of the ATO's sample might affect the quality of the data of lowest income bracket. Our Pareto curve method allocated far too many individuals in the income bracket 15 000 - 20 000. As a consequence, the following income brackets lack individuals. In the upper part of the distribution, the Pareto curve method allows to overcome the drawback of the top coding treatment imposed to the ATO micro-data. As one can see, the Pareto curve approach allows to estimate the income of individuals that do not belong to ATO microdata.

If we look at the average income by bracket, except for business income/loss, the fit is good: members of a given income bracket have generally a close mean income whatever sample we are looking in. For business income, our method to recover individual income from tabulated data tend to reduce the dispersion and thus oversmooth the distribution of business income.

Generally, solving the discrepancy in the taxable income distribution should allow a better reproduction of Australian taxable population and overcome the drawback of using the ATO micro-files, especially the top-coding. In that sense, when the within income bracket means are generally close between the two samples, the discrepancy between population means should be corrected by a better reproduction of taxable population distribution. In particular, introducing dispersion in the non-taxable filers, for instance by introducing random deviations from the mean, should improve the fit at the bottom of the distribution.

A second way to improve the fit between our synthetic population and the actual distribution would be to improve the reproduction of the bivariate distribution of income and its source, e.g. business income. The simple approach we used - assuming individuals income is composed as the overall bracket income - might fail when the income source is concentrated on a few number of individuals by bracket. Improving the reproduction of the bivariate distribution of taxable income and income components should improve the fit.

²For the variables definitions, see Section C.5.

| | _ | | SYNTHETIC P | SYNTHETIC POPULATION GENERATED BY PARETO CURVE ESTIMATION | NERATED BY P | ARETO CURVE | ESTIMATION | | _ | | | | ATt | ATO SAMPLE FILES | ES | | | |
|-------------------|---------------------------------|-----------------|-------------|---|--------------|-------------|-----------------|-----------|-------------------|---------------------------------|--|---------|------------|------------------|----------|-----------------|-----------|-------------------|
| Bracket (\$) | Share popu- lation (%) | Total income | Labor | Dividends | Net rent | Interest | Net Business | Pensions | Taxable income | Share popu- lation (%) | Total income | Labor | Dividends | Net rent | Interest | Net Business | Pensions | Taxable income |
| 0-5000 | 0,24 | 3 000 | 1 628 | 137 | 630 | 126 | -45 | 39 | 2 637 | | 1 287 | 1 578 | 213 | -414 | | 5 513 | | 1 633 |
| 5000-10000 | 21,71 | 7 159 | 6 127 | 226 | -91 | 430 | ő | 674 | 6 676 | | 8 404 | 4464 | 131 | -23 | | $3\ 103$ | | 7 595 |
| 10000-15000 | 6,96 | 13 394 | 11 082 | 159 | -64 | 376 | 774 | 135 | 12 498 | | 13 519 | 6 974 | 186 | -16 | | 2 522 | | 12 481 |
| 15000-20000 | 7,29 | 18 671 | 15 456 | 239 | -101 | 467 | 1 004 | 442 | 17 506 | | 18840 | 11 144 | 323 | -23 | | 3.641 | | 17 484 |
| 20000-25000 | 8,21 | 23 878 | 19 888 | 347 | -106 | 620 | 1083 | 1 091 | 22 455 | | 23 908 | 16 221 | 347 | -90 | | 3 909 | | 22 477 |
| 25000-30000 | 8,35 | 28 975 | 25 277 | 342 | -147 | 561 | 1.085 | 1 333 | 27 482 | 8,21 | 28 909 | 22 253 | 311 | -140 | 489 | 2 674 | 1 390 | 27 490 |
| 30000-35000 | 8,11 | $34\ 101$ | 30 407 | 370 | -211 | 528 | $1\ 105$ | 1 236 | 32 508 | | 34 098 | 27 841 | 339 | -255 | | 2 666 | | 32 470 |
| 35000-40000 | 7,29 | 39 299 | 35 319 | 451 | -275 | 539 | 1 158 | 1 115 | 37 538 | | 39 198 | 32 170 | 435 | -176 | | 2810 | | 37 421 |
| 40000-45000 | 6,01 | 44 467 | $40\ 005$ | 578 | -339 | 557 | $1 \ 177$ | 976 | 42 500 | | 44 452 | 36 987 | 499 | -248 | | 2 865 | | 42 441 |
| 45000-50000 | 5,85 | 49 788 | 44.686 | 693 | -378 | 619 | 1 271 | 1 030 | 47 578 | | 49 533 | 41 411 | 647 | -385 | | 3 833 | | 47 406 |
| 50000-60000 | 8,02 | 57 736 | 51 415 | 1 023 | -430 | 703 | 1 319 | 952 | 55 159 | | 57 152 | 47 494 | 892 | -371 | | 4669 | | 54 605 |
| 60000-160000 | 11,03 | 115042 | 93 527 | 5 538 | -744 | 1861 | 4 734 | 2045 | $109\ 616$ | | 84 513 | 65 210 | 2 420 | -570 | | 6 905 | | 80.949 |
| 160000-260000 | 0,62 | 205 387 | 137 673 | 18 525 | -751 | 3 779 | 15 925 | 3 080 | 195 131 | | 208 729 | 142 081 | 6 651 | -863 | | 23 501 | | 199500 |
| 260000-360000 | 0,15 | 318346 | 193654 | 34 430 | -771 | 6 074 | 29 845 | 4 260 | 302 167 | | 321 845 | 54669 | 48 874 | 203 | | 139 906 | | 304 700 |
| 360000-460000 | 0,08 | 429 672 | 236 281 | 53 217 | -740 | 8 517 | 43 619 | 5 189 | 407 450 | | 417646 | 50 882 | 143 270 | -1 901 | | 55 588 | | 406 731 |
| 46000-560000 | 0,03 | 534 097 | 225 428 | 84 508 | -102 | 11 453 | 63 301 | 4 926 | 505 428 | | 512 117 | 76 231 | 125 650 | 2 668 | | 142 587 | | 503 370 |
| 56000-66000 | 0,02 | 645 963 | 269 162 | 110 408 | 140 | $14\ 071$ | 71 575 | 5 684 | 610 019 | | 608 178 | 112 342 | 104611 | -7 977 | | 0 | 0 | 588510 |
| 660000-760000 | 0,02 | 751 240 | 304 373 | 148 791 | 819 | 16908 | 70 847 | 5 930 | 706 282 | | 752 243 | 317494 | 85 832 | 18 705 | | 17 823 | | 699 448 |
| 760000-860000 | 0,01 | 850 254 | 340 275 | 178 327 | 1 246 | 19 402 | 74 152 | 6 380 | 797 833 | | 855 145 | 569 340 | 50.950 | -2 731 | | $12\ 264$ | 4360 | 814 983 |
| 860000-960000 | 0,0029 | 976 318 | 366 330 | 262 235 | 3 279 | 23 813 | 50 215 | 5 408 | 907 229 | | 957 667 | 385 767 | 20 712 | -2 100 | | 7 608 | | 911 249 |
| 960000-1000000 | 6000'0 | 1 054 048 | 395 495 | 283 113 | 3540 | 25 709 | 54 213 | 5 839 | 979 458 | | $1\ 008\ 674$ | 183 934 | 2 973 | -309 | | 355 125 | | 985 406 |
| 100000-1200000 | 0,0033 | $1\ 174\ 146$ | 440558 | 315 371 | 3 943 | 28 639 | 60 390 | 6 504 | $1 \ 091 \ 057$ | | $1\ 126\ 849$ | 165948 | 21 871 | 144 | | $1\ 174\ 604$ | 19 653 | $1\ 072\ 917$ |
| 1200000 - 1400000 | 0,0020 | $1 \ 390 \ 880$ | 521880 | 373 585 | 4.671 | 33 925 | 71 537 | 7 704 | 1 292 454 | | $1 \ 326 \ 690$ | 233 964 | $41 \ 165$ | -996 | 3 477 | 0 | 0 | $1\ 286\ 268$ |
| 140000 - 160000 | 0,0013 | $1\ 606\ 640$ | 602 836 | 431 537 | 5 396 | 39 188 | 82 634 | 8 900 | $1\ 492\ 946$ | | 1 443 399 | 151 652 | 43 821 | 1462 | 8 091 | 0 | 0 | 1 435 923 |
| 160000 - 180000 | 6000'0 | $1\ 822\ 562$ | 683 853 | 489 533 | 6 121 | 44 454 | 93 740 | $10\ 096$ | 1 693 588 | | 1 664 029 | 173 425 | 171 242 | 0 | 12 240 | 0 | 0 | 1 648 413 |
| 180000-2000000 | 0,0006 | 2 038 071 | 764 716 | 547 418 | 6 844 | 49 711 | 104824 | 11 289 | 1893846 | 0 | | | | | | | | |
| Above 2 millions | 0,0029 | $4\ 274\ 048$ | 1 603 688 | 1 147 993 | 14353 | $104\ 248$ | 219 827 | 23 675 | 3 971 593 | 0 | | | | | | | | |
| All population | 100 | 39 650 | 33 121 | 1341 | -252 | 722 | 1 498 | 1 027 | 37 691 | 100 | 37 692 | 27 645 | $1 \ 014$ | -239 | 656 | 4 698 | $1 \ 016$ | 35 919 |
| | | | | | | | | | | | | | | | | | | |
| | | | | | TADIE | 2. CANT | | AV9 CINA | | CANNEL CO | TABLE C 3. CANDLE ET ECAND EVALUETTC CANDLE: VEAD 2003 | 12 2001 | | | | | | |

TABLE C.3: SAMPLE FILES AND SYNTHETIC SAMPLE: YEAR 2003-2004

Note: This table presents the share of population belonging to a specified income bracket. The average income of the people belong-ing to this bracket for a series of income variables is also presented. On the final line, population means are reported.

C.3 Data used to match National Accounts and Taxation data

TABLE C.4: TOTAL INCOME

NATIONAL ACCOUNT (ASNA)

POSITIVE COMPONENTS

Superannuation received by households¹ Gross business income equals Gross mixed income plus Rent on natural (received) minus Rent on natural (paid) Property income receivable: Interest Property income receivable: Dividends Net tenant occupied rents² Labor income equals Compensation of employees plus Secondary income receivable: Social benefits receivable: Workers' compensation plus Social benefits receivable: Social assistance benefits

NEGATIVE COMPONENTS

Property income payable: Interest payable: Unincorporated enterprises Consumption of fixed capital: *equals* Household sector consumption of fixed capital *minus* Tenant occupied consumption of fixed capital³

TAXATION DATA (ATO)

Taxable income *plus* Total deduction *plus* Tax losses of earlier income years⁴ *equals* **TOTAL INCOME**

¹ Source: Survey of Income and Housing. Contrary to National Account data, this item does not include latent interest on superannuation wealth accumulated by non retired population

² Including GOS on dwelling rents is problematic because of imputed rents. To avoid this problem, we exclude owner-occupied rents from the computation of total income. Net tenant occupied rents are estimated using SIH and RBA data.

³ This item is deduced to avoid double accounting

⁴ This item is not available for all years for all income brackets. For instance, this information is missing for the top income data available from 1994 to 1999. When taxes carried forward are missing, total income is set equal to taxable income plus total deductions.

| A2421961K A2421966W A2421978F A2519082W the item in d Zucman |
|---|
| A2421966W A2421978F A2519082W the item in d Zucman |
| A2421966W A2421978F A2519082W the item in d Zucman |
| A2519082W |
| the item in d Zucman |
| d Zucman |
| d Zucman |
| d Zucman |
| 36, A2421964 |
| C36, A2421964 |
| <u>5</u> 36, A2421964 |
| |
| |
| |
| riable only l component rent vari- |
| |
| |
| A2421963R |
| |
| |
| |
| |
| |
| A2421965V |
| |
| |

TABLE C.5: BUSINESS INCOME

| ABS: National Account | |
|--|------------------------|
| Income from dwelling rent received by persons | 5204.0. T49, A2519108J |
| equals Gross operating surplus from ownership of dwellings | 5204.0. T49, A2422348F |
| by persons | |
| minus Interest paid on tenant-occupied mortgage | |
| minus Consumption of fixed capital | |
| ATO: TABULATED DATA | |
| Net rents | |

TABLE C.9: HOUSING

Note: See tables dedicated to ATO data for more information

National account item presents both tenant-occupied and owner-occupied rents. We systematically exclude the owner-occupied part of the national account aggregate to be consistent with taxation data that only present observed net rents

C.4 Comparison of our results with the Mean Split Histogram technique

Australian Top income shares have historically been computed using the Mean Split Histogram method (see Burkhauser, Hahn, and Wilkins, 2015 for more details). Figure C.6 shows that our top income series (excluding capital gains from income) are very close to those obtained using the methodology applied by Burkhauser, Hahn, and Wilkins (2015)³. The top-income shares are usually higher using the Pareto curve approach. However, the dynamic is similar than that of the shares found using the MSH method. A statistical break in the way non-taxable filers are treated is responsible for the sharp increase in top shares for the year 2010. For information, Figure C.6 also proposes the share of income held by top 0.01% individuals.

³The MSH income series can slightly differ from Burkhauser, Hahn, and Wilkins (2015) because the total income used here differs from the one they adopted.

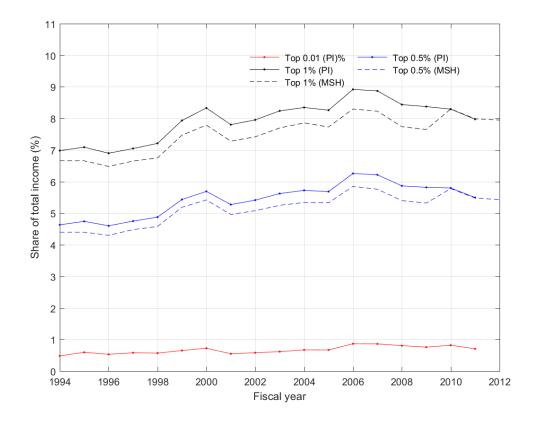


FIGURE C.6: Top income shares

Note: PI: Data computed using the Pareto Curve methodology ; MSH: Data computed using the Mean Split Histogram (see Burkhauser, Hahn, and Wilkins, 2015)

C.5 Taxation data used, more details

| Year | TABLE | Title |
|---------|-------------------------|--|
| 2012-13 | Table 9: Individuals | Selected items, by total income and taxable income |
| 2011-12 | Table 9: Individual tax | Selected items, by total income and taxable income |
| 2010-11 | Table 8: Individual tax | Selected items, by total income and taxable income |
| 2009-10 | Table 5: Personal tax | Selected items, by taxable income |
| | | Part B: Income, credits, selected deductible, withheld |
| | | and adjustment items |
| 2008-09 | Table 5: Personal tax | Selected items, by taxable income |
| | | Part B: Income, credits, selected deductible, withheld |
| | | and adjustment items |
| 2007-08 | Table 5: Personal tax | Selected items, by taxable income |
| 200, 00 | | Part B: Income, credits, selected deductible, withheld |
| | | and adjustment items |
| 2006-07 | Table 5: Personal tax | Selected items, by taxable income |
| 2000 07 | Tuble 5. Tersonar ax | Part B: Income, credits, selected deductible, withheld |
| | | and adjustment items |
| 2005-06 | Table 5: Personal tax | Selected items, by taxable income |
| 2005-00 | Table 5. Tersonal tax | Part B: Income, credits, selected deductible, withheld |
| | | and adjustment items |
| | | Part D: Tax offset items |
| 2004-05 | Table 5: Personal tax | |
| 2004-03 | Table 5. Personal tax | Selected items, by taxable income |
| | | Part B: Income, credits, selected deductible, withheld |
| | | and adjustment items Part D: Tax Offset Items |
| 2002 04 | Table 5: Personal tax | |
| 2003-04 | Table 5: Personal tax | All items, by taxable income |
| | | Part B: Income, credits, selected deductible, withheld |
| 2002 04 | Table 5: Personal tax | All items hy tayahle in some |
| 2003-04 | Table 5: Personal tax | All items, by taxable income |
| | | Part B: Income, credits, selected deductible, withheld |
| 2002.02 | Table E. Deve en al tau | All items |
| 2002-03 | Table 5: Personal tax | All items, by taxable income |
| | | Part B: Income, credits, selected deductible, withheld |
| 2001 02 | Table E. Deve en al tau | All items |
| 2001-02 | Table 5: Personal tax | All items, by taxable income |
| | | Part B: Income, credits, selected deductible, withheld |
| 0000 01 | | and adjustment items |
| 2000-01 | Table 5: Personal tax | All items, by taxable income |
| | | Part B: Income items |
| | | Part C: Personal tax |
| | | Part D: Other income, deductions, losses, tax offsets |
| 1000.00 | | and credits (supplement items) |
| 1999-00 | Table 5B: Personal tax | All items, by taxable income |
| 1000.00 | Table 5C: Personal tax | All items, by taxable income |
| 1998-99 | Table 8: Individuals | All items by grade of taxable income |
| 1005 00 | Table 14: Individuals | Taxpaters with a taxable income of \$ 500 000 or more |
| 1997-98 | Table 10: Individuals | All items by grade of taxable income |
| 10 | Table 14: Individuals | Taxpayers with taxable income of \$500 000 or more |
| 1996-97 | Table 11: Individuals | All items by grade of taxable income |
| | Table 15: Individuals | Taxpayers with taxable income of \$500 000 or more |
| 1995-96 | Table 8: Individuals | All items by grade of taxable income |
| | Table 14: Individuals | Taxpayers with taxable income of \$500 000 or more |
| 1994-95 | Table P18 | Grade of taxable income and industry by all items |
| | Table C5 | Taxpayers with taxable income of \$500 000 or more: |
| | | by grade of taxable income |

TABLE C.10: TABULATED DATA

TABLE C.11: TABULATED DATA: 2012-2013

| TAXABLE INCOME | |
|--|---------|
| Taxable income or loss | Table 9 |
| INCOME BRACKETS | |
| < 6000 6001-10,000 10,001-18,200 18,201-25,000 25,000-30,000 30,001-37 | 7,000 |
| 37,001-40,000 40,001-45,000 45,001-50,000 50,001-55,000 | |
| 55,001-60,000 60,001-70,000 70,001-80,000 80,001-90,000 | |
| 90,001-100,000 100,001-150,000 150,001-180,000 180,001-250,000 250,001-5 | 500,000 |
| 500,001-1,000,000 More than one million | |
| INTEREST | |
| Gross interest | Table 9 |
| DIVIDENDS | |
| Dividends franked amounts | Table 9 |
| plus Dividends unfranked amounts | Table 9 |
| SUPERANNUATION | |
| Australian annuities and superannuation income streams - | Table 9 |
| taxable component - taxed element | |
| Australian annuities and superannuation income streams - | Table 9 |
| taxable component - untaxed element | |
| Housing | |
| Net rent | Table 9 |
| <i>equals</i> Net rent - profit | Table 9 |
| <i>plus</i> Net rent - loss | Table 9 |
| BUSINESS INCOME | |
| Total net income or loss from business | Table 9 |
| OTHER INTERESTING INFORMATION | |
| Total income | Table 9 |
| Imputation credits | |
| equals Share of franking credit from franked dividends | Table 9 |
| <i>plus</i> Dividends franking credit | Table 9 |
| Salary or wages | Table 9 |
| Net capital gain | Table 9 |

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TABLE C.12: TABULATED DATA: 2011-2012

| TAXABLE INCOME | |
|--|-----------------|
| Taxable income or loss | Table 9 |
| INCOME BRACKETS | |
| < 6000 6001-10,000 10,001-18,200 18,201-25,000 25,000-30,000 | 30,001-37,000 |
| 37,001-40,000 40,001-45,000 45,001-50,000 50,001-55,000 | |
| 55,001-60,000 60,001-70,000 70,001-80,000 80,001-90,000 | |
| 90,001-100,000 100,001-150,000 150,001-180,000 180,001-250,000 | 250,001-500,000 |
| 500,001-1,000,000 Other ¹ More than one million | |
| INTEREST | |
| Gross interest | Table 9 |
| DIVIDENDS | |
| Dividends franked amounts | Table 9 |
| plus Dividends unfranked amounts | Table 9 |
| SUPERANNUATION | |
| Australian annuities and superannuation income streams - | Table |
| taxable component - taxed element | |
| Australian annuities and superannuation income streams - | Table |
| taxable component - untaxed element | |
| Housing | |
| Net rent | Table 9 |
| <i>equals</i> Net rent - profit | Table |
| <i>plus</i> Net rent - loss | Table |
| B USINESS INCOME | |
| Net income or loss from business | Table |
| O THER INTERESTING INFORMATION | |
| Total income | Table |
| Imputation credits | |
| equals Share of franking credit from franked dividends | Table |
| plus Dividends franking credit | Table |
| Salary or wages | Table |
| Net capital gain | Table |
| Interest deductions | Table |
| Dividend deductions | Table |

¹ This category includes a limited number of people. We added them to the bracket that starts with \$500,000 since the people in the "Other" have a taxable income per head close to those within this bracket.

TABLE C.13: TABULATED DATA: 2010-2011

| TAXABLE INCOME | |
|--|--------------------|
| Taxable income or loss | Table 8 |
| INCOME BRACKETS | |
| | 25,000-30,000 |
| 30,001-37,000 27,001 40,000 40,001 45,000 45,001 50,000 50,001 55,000 | |
| 37,001-40,00040,001-45,00045,001-50,00050,001-55,00055,001-60,00060,001-70,00070,001-80,00080,001-90,000 | |
| | 50,001-500,000 |
| 50,001-1,000,000 Other ¹ More than one million | 50,001-300,000 |
| INTEREST | |
| Gross interest | Table 8 |
| DIVIDENDS | |
| Dividends franked amounts | Table 8 |
| <i>plus</i> Dividends unfranked amounts | Table 8 |
| SUPERANNUATION | |
| Australian annuities and superannuation income streams – | Table 8 |
| taxable component – taxed element | |
| Australian annuities and superannuation income streams - | Table 8 |
| taxable component - untaxed element | |
| Housing | |
| Net rent | Table 8 |
| <i>equals</i> Net rent - profit | Table 8 |
| <i>plus</i> Net rent - loss | Table 8 |
| BUSINESS INCOME | |
| Net income or loss from business – primary production | Table 8 |
| <i>plus</i> Net income or loss from business – non-primary produc- | Table 8 |
| tion | |
| O THER INTERESTING INFORMATION | |
| Total income | Table 8 |
| Imputation credits | - 11 - 6 |
| <i>equals</i> Share of franking credit from franked dividends | Table 8 |
| <i>plus</i> Dividends franking credit | Table 8 |
| Salary or wages | Table 8 |
| Net capital gain Interest deductions | Table 8 Table 8 |
| Dividend deductions | Table 8 |
| | |

¹ This category includes a limited number of people. We added them to the range that starts with \$500,000 since the people in the "Other" have a taxable income per head close to those within this range.

TABLE C.14: TABULATED DATA: 2009-2010

| TAXABLE INCOME | |
|---|-----------------|
| Taxable income or loss | Table 5 |
| INCOME BRACKETS | |
| | 20,001-25,000 |
| 25,001-30,000 30,001-35,000 25,001 40,000 40,001 45,000 45,000 50,001 55,000 | |
| 35,001-40,000 40,001-45,000 45,001-50,000 50,001-55,000 | |
| 55,001-60,000 60,001-70,000 70,001-80,000 80,001-90,000 90,001-100,000 100,001-150,000 150,001-180,000 180,001-250,000 2 | |
| 90,001-100,000 100,001-150,000 150,001-180,000 180,001-250,000 2 500,001-1,000,000 Total | 250,001-500,000 |
| | |
| INTEREST Gross interest | Table 5 |
| Gross interest | Table 5 |
| DIVIDENDS | - • • |
| Dividends franked | Table 5 |
| plus Dividends unfranked | Table 5 |
| SUPERANNUATION | |
| Australian annuities and superannuation income streams | Table 5 |
| taxable component taxed element | |
| Australian annuities and superannuation income streams | Table 5 |
| taxable component untaxed element | |
| Housing | |
| Net rent | Table 5 |
| BUSINESS INCOME | |
| Total net business income/loss | Table 5 |
| OTHER INTERESTING INFORMATION | |
| Total income or loss | Table 5 |
| Imputation credits | |
| <i>equals</i> Share of franking credit from franked dividends | Table 5 |
| plus Dividends franking credit | Table 5 |
| Salary or wages | Table 5 |
| Total salary & wages in assessable income | Table 5 |
| Net capital gain | Table 5 |

TABLE C.15: TABULATED DATA: 2008-2009

| TAXABLE INCOME | |
|--|-----------------|
| Taxable income or loss | Table 5 |
| INCOME BRACKETS | |
| Non taxable < 6000 6001-10,000 10,001-15,000 15,001-20,000 | 20,001-25,000 |
| 25,001-30,000 30,001-35,000 35,001-40,000 40,001-45,000 45,001-50,000 50,001-55,000 | |
| 35,001-40,00040,001-45,00045,001-50,00050,001-55,00055,001-60,00060,001-70,00070,001-80,00080,001-90,000 | |
| 90,001-100,000 100,001-150,000 150,001-200,000 200,001-250,000 | 250,001-500,000 |
| 500,001-1,000,000 Total taxable | 250,001 500,000 |
| INTEREST | |
| Gross interest | Table 5 |
| DIVIDENDS | |
| Dividends franked | Table 5 |
| plus Dividends unfranked | Table 5 |
| SUPERANNUATION | |
| Australian annuities and superannuation income streams | Table 5 |
| taxable component taxed element | |
| Australian annuities and superannuation income streams | Table 5 |
| taxable component untaxed element | |
| Housing | |
| Net rent | Table 5 |
| B USINESS INCOME | |
| Total net business income/loss | Table 5 |
| OTHER INTERESTING INFORMATION | |
| Total income or loss | Table 5 |
| Imputation credits | |
| equals Share of franking credit from franked dividends | Table 5 |
| plus Dividends franking credit | Table 5 |
| Salary or wages | Table 5 |
| Total salary & wages in assessable income | Table 5 |
| Net capital gain | Table 5 |
| Interest deductions | Table 5 |
| Dividend deductions | Table 5 |

TABLE C.16: TABULATED DATA: 2007-2008

| TAXABLE INCOME | |
|---|----------------|
| Taxable income or loss | Table 5 |
| INCOME BRACKETS | |
| | 0,001-25,000 |
| 25,001-30,000 30,001-35,000 | |
| 35,001-40,000 40,001-45,000 45,001-50,000 50,001-55,000 | |
| 55,001-60,000 60,001-70,000 70,001-80,000 80,001-90,000 00.001 100.000 100.001 150.000 150.001 200.000 200.001 250.000 2 | E0 001 E00 000 |
| 90,001-100,000 100,001-150,000 150,001-200,000 200,001-250,000 2 500,001-1,000,000 Total taxable | 50,001-500,000 |
| | |
| INTEREST | |
| Gross interest | Table 5 |
| DIVIDENDS | |
| Dividends franked | Table 5 |
| <i>plus</i> Dividends unfranked | Table 5 |
| SUPERANNUATION | |
| Australian annuities and superannuation income streams | Table 5 |
| taxable component taxed element | |
| Australian annuities and superannuation income streams | Table 5 |
| taxable component untaxed element | |
| Housing | |
| Net rent | Table 5 |
| BUSINESS INCOME | |
| Total income or loss | Table 5 |
| Imputation credits | |
| equals Share of franking credit from franked dividends | Table 5 |
| plus Dividends franking credit | Table 5 |
| Salary or wages | Table 5 |
| Total salary & wages in assessable income | Table 5 |
| Net capital gain | Table 5 |
| Interest deductions | Table 5 |
| Dividend deductions | Table 5 |

TABLE C.17: TABULATED DATA: 2006-2007

| TAXABLE INCOME | |
|--|-----------------|
| Taxable income or loss | Table 5 |
| INCOME BRACKETS | |
| Non taxable < 6000 6001-10,000 10,001-15,000 15,001-20,000 | 20,001-25,000 |
| 25,001-30,000 30,001-35,000 | |
| 35,001-40,000 40,001-45,000 45,001-50,000 50,001-55,000 | |
| 55,001-60,000 60,001-70,000 70,001-80,000 80,001-90,000 | |
| 90,001-100,000 100,001-150,000 150,001-200,000 200,001-250,000 | 250,001-500,000 |
| 500,001-1,000,000 More than one million Total taxable | |
| INTEREST | |
| Gross interest | Table 5 |
| DIVIDENDS | |
| Dividends franked | Table 5 |
| <i>plus</i> Dividends unfranked | Table 5 |
| SUPERANNUATION | |
| Other Australian pension and annuities | Table 5 |
| | |
| Housing | |
| Net rent | Table 5 |
| BUSINESS INCOME | |
| Total Net Business Income | Table 5 |
| O THER INTERESTING INFORMATION | |
| Total income or loss | Table 5 |
| Imputation credits | |
| equals Share of franking credit from franked dividends | Table 9 |
| plus Dividends franking credit | Table 5 |
| Salary or wages | Table 5 |
| Total salary & wages in assessable income | Table 5 |
| Net capital gain | Table 5 |
| Interest deductions | Table 5 |
| Dividend deductions | Table 5 |

TABLE C.18: TABULATED DATA: 2005-2006

| TAXABLE INCOME | |
|--|---------|
| Taxable income or loss | Table 5 |
| INCOME BRACKETS | |
| < 6000 6001-10,000 10,001-15,000 15,001-20,000 20,001-25,000 25,001-30, | 000 |
| 30,001-35,000 | |
| 35,001-40,000 40,001-45,000 45,001-50,000 50,001-55,000 | |
| 55,001-60,000 60,001-70,000 70,001-80,000 80,001-90,000 | |
| 90,001-100,000 100,001-150,000 150,001-200,000 200,001-250,000 250,001-500,0 | 00 |
| 500,001-1,000,000 More than one million | |
| INTEREST | |
| Gross interest | Table 5 |
| DIVIDENDS | |
| Dividends franked | Table 5 |
| <i>plus</i> Dividends unfranked | Table 5 |
| SUPERANNUATION | |
| Other Australian pension and annuities | Table 5 |
| Housing | |
| Net rent | Table 5 |
| equals Net rent - profit | Table 5 |
| <i>plus</i> Net rent - loss | Table 5 |
| BUSINESS INCOME | |
| Total Net Business Income or Loss | Table 5 |
| OTHER INTERESTING INFORMATION | |
| Total income or loss | Table 5 |
| Imputation credits | |
| equals Share of franking credit from franked dividends | Table 5 |
| plus Dividends franking credit | Table 5 |
| Salary or wages | Table 5 |
| Total salary & wages in assessable income | Table 5 |
| Net capital gain | Table 5 |
| Interest deductions | Table 5 |
| Dividend deductions | Table 5 |

TABLE C.19: TABULATED DATA: 2004-2005

| TAXABLE INCOME | |
|---|---------------|
| Taxable income or loss | Table 5B |
| INCOME BRACKETS | |
| < 6000 6001-10,000 10,001-15,000 15,001-20,000 20,001-25,000 | 25,001-30,000 |
| 30,001-35,000 | |
| 35,001-40,000 40,001-50,000 50,001-60,000 | |
| 60,001-80,000 80,001-100,000 100,001-200,000 200,001-500,000 | |
| 500,001-1,000,000 More than one million | |
| | |
| INTEREST | |
| Gross interest | Table 5E |
| DIVIDENDS | |
| Dividends franked | Table 5E |
| plus Dividends unfranked | Table 5E |
| SUPERANNUATION | |
| Other Australian pension and annuities | Table 5 |
| Housing | |
| Net rent | Table 5E |
| <i>equals</i> Net rent - profit | Table 5E |
| <i>plus</i> Net rent - loss | Table 5E |
| BUSINESS INCOME | |
| Total Net Business Income or Loss | Table 5E |
| OTHER INTERESTING INFORMATION | |
| Total income or loss | Table 51 |
| Total Imputation credits | Table 5D |
| Salary or wages | Table 5E |
| Total salary & wages in assessable income | Table 51 |
| Net capital gain | Table 51 |
| Interest deductions | Table 51 |
| Dividend deductions | Table 5E |

TABLE C.20: TABULATED DATA: 2003-2004

| TAXABLE INCOME | |
|--|---------------|
| Taxable income or loss | Table 5B |
| INCOME BRACKETS | |
| < 6000 6001-10,000 10,001-15,000 15,001-20,000 20,001-25,000 | 25,001-30,000 |
| 30,001-35,000 | |
| 35,001-40,000 40,001-50,000 50,001-60,000 | |
| 60,001-80,000 80,001-100,000 | |
| 100,001-200,000 200,001-500,000 | |
| 500,001-1,000,000 More than one million | |
| INTEREST | |
| Gross interest | Table 5B |
| DIVIDENDS | |
| Dividends franked | Table 5B |
| <i>plus</i> Dividends unfranked | Table 5B |
| SUPERANNUATION | |
| Other Australian pension and annuities | Table 5B |
| Housing | |
| Net rent | Table 5B |
| <i>equals</i> Net rent - profit | Table 5B |
| <i>plus</i> Net rent - loss | Table 5B |
| BUSINESS INCOME | |
| Total Net business income/loss | Table 5B |
| OTHER INTERESTING INFORMATION | |
| Total income or loss | Table 5B |
| Total Imputation credits | |
| equals Imputation credit - primary | Table 5B |
| <i>plus</i> Imputation credit - secondary | Table 5B |
| Salary or wages | Table 5B |
| Total salary & wages in assessable income | Table 5B |
| Net capital gain | Table 5B |
| Interest deductions | Table 5B |
| Dividend deductions | Table 5B |

TABLE C.21: TABULATED DATA: 2002-2003

| TAXABLE INCOME | |
|--|---------------|
| Taxable income or loss | Table 5B |
| INCOME BRACKETS | |
| < 6000 6001-10,000 10,001-15,000 15,001-20,000 20,001-25,000 | 25,001-30,000 |
| 30,001-35,000 | |
| 35,001-40,000 40,001-50,000 50,001-60,000 | |
| 60,001-80,000 80,001-100,000 | |
| 100,001-200,000 200,001-500,000 | |
| 500,001-1,000,000 More than one million | |
| INTEREST | |
| Gross interest | Table 5B |
| DIVIDENDS | |
| Dividends franked | Table 5B |
| plus Dividends unfranked | Table 5B |
| SUPERANNUATION | |
| Other Australian pension and annuities | Table 5B |
| Housing | |
| Net rent | Table 5B |
| <i>equals</i> Net rent - profit | Table 5B |
| <i>plus</i> Net rent - loss | Table 5B |
| BUSINESS INCOME | |
| Total Net business income/loss | Table 5B |
| OTHER INTERESTING INFORMATION | |
| Total income or loss | Table 5B |
| Total Imputation credits | |
| equals Imputation credit - primary | Table 5B |
| plus Imputation credit - secondary | Table 5B |
| Salary or wages | Table 5B |
| Total salary & wages in assessable income | Table 5B |
| Net capital gain | Table 5B |
| Interest deductions | Table 5B |
| Dividend deductions | Table 5B |

TABLE C.22: TABULATED DATA: 2001-2002

| TAXABLE INCOME | |
|---|---------------|
| Taxable income or loss | |
| INCOME BRACKETS | Table 5 |
| < 6000 6001-9,999 10,000-14,999 15,000-20,000 20,001-24,999 | 25,000-29,999 |
| 30,000-34,999 | |
| 35,000-39,999 40,000-50,000 50,001-60,000 | |
| 60,001-79,999 80,000-99,999 | |
| 100,000-199,999 200,000-499,999 | |
| 500,000-999,999 More than one million | |
| INTEREST | |
| Gross interest | Table 5E |
| DIVIDENDS | |
| Dividends franked | Table 5E |
| plus Dividends unfranked | Table 5E |
| SUPERANNUATION | |
| Other Australian pension and annuities | Table 5E |
| Housing | |
| Net rent | Table 5D |
| <i>equals</i> Net rent - profit | Table 5D |
| <i>plus</i> Net rent - loss | Table 5D |
| B USINESS INCOME | |
| Total Net business income/loss | Table 5D |
| OTHER INTERESTING INFORMATION | |
| Total income or loss | Table 5E |
| Total Imputation credits | |
| Salary or wages | Table 5E |
| Total salary & wages in assessable income | Table 5E |
| Net capital gain | Table 5D |
| Interest deductions | Table 5E |
| Dividend deductions | Table 5E |

TABLE C.23: TABULATED DATA: 2000-2001

| TAXABLE INCOME | | |
|---|---------------|--|
| Taxable income or loss | Table 5 | |
| INCOME BRACKETS | | |
| < 6000 6001-9,999 10,000-14,999 15,000-20,000 20,001-24,999 | 25,000-29,999 | |
| 30,000-34,999 | | |
| 35,000-39,999 40,000-50,000 50,001-60,000 | | |
| 60,001-79,999 80,000-99,999 | | |
| 100,000-199,999 200,000-499,999 | | |
| 500,000-999,999More than one million | | |
| INTEREST | | |
| Gross interest | Table 5B | |
| DIVIDENDS | | |
| Dividends franked | Table 5B | |
| plus Dividends unfranked | Table 5B | |
| SUPERANNUATION | | |
| Other Australian pension and annuities | Table 5B | |
| Housing | | |
| Net rent | Table 5D | |
| <i>equals</i> Net rent - profit | Table 5D | |
| <i>plus</i> Net rent - loss | Table 5D | |
| BUSINESS INCOME | | |
| Total Net business income/loss | Table 5D | |
| OTHER INTERESTING INFORMATION | | |
| Total income or loss | Table 5B | |
| Total Imputation credits | | |
| equals Imputation credit - primary | Table 5B | |
| plus Imputation credit - secondary | Table 5B | |
| Salary or wages | Table 5B | |
| Total salary & wages in assessable income | Table 5B | |
| Net capital gain | Table 5D | |
| Interest deductions | Table 5B | |
| Dividend deductions | Table 5B | |

TABLE C.24: TABULATED DATA: 1999-2000

| TAXABLE INCOME | | |
|---|---------------|--|
| Taxable income or loss | Table 5 | |
| INCOME BRACKETS | | |
| < 5400 5401-9,999 10,000-14,999 15,000-20,700 20,701-24,999 | 25,000-29,999 | |
| 30,000-34,999 | | |
| 35,000-38,001 38,001-39,999 40,000-50,000 50,001-69,999 | | |
| 70,000-99,999 100,000-199,999 200,000-499,999 | | |
| 500,000-999,999 More than one million | | |
| INTEREST | | |
| Gross interest | Table 5B | |
| DIVIDENDS | | |
| Dividends franked | Table 5B | |
| <i>plus</i> Dividends unfranked | Table 5B | |
| SUPERANNUATION | | |
| Other Australian pension and annuities | Table 5B | |
| HOUSING | | |
| Net rent | Table 5C | |
| <i>equals</i> Net rent - profit | Table 5C | |
| <i>plus</i> Net rent - loss | Table 5C | |
| BUSINESS INCOME | | |
| Total Net business income/loss | Table 5C | |
| OTHER INTERESTING INFORMATION | | |
| Total income or loss | Table 5C | |
| Total Imputation credits | | |
| equals Imputation credit - primary | Table 5B | |
| <i>plus</i> Imputation credit - secondary | Table 5B | |
| Salary or wages | Table 5B | |
| Total salary & wages in assessable income | Table 5B | |
| Net capital gain | Table 5B | |
| Interest deductions | Table 5B | |
| Dividend deductions | Table 5B | |

TABLE C.25: TABULATED DATA: 1998-1999

| TAXABLE INCOME | |
|--|-------------------------------|
| Taxable income or loss | Table 8^a |
| INCOME BRACKETS | |
| < 5400 5401-9999 10,000-14,999 15,000-20,700 20,701-24,999 | 25,000-29,999 |
| 30,000-34,999 35,000-38,800 38,801-39,999 40,000-50,000 | |
| 50,001-69,999 70,000-99,999 100,000 100,000 200,000 400,000 | |
| 100,000-199,999200,000-499,999500,000-599,999600,000-799,999 | Table 14 |
| 800,000-999,999 1,000,000 - 1,999,999 2,000,000 and over | |
| | |
| INTEREST | |
| Gross interest | Table 8, part1 ; Table 14 |
| DIVIDENDS | |
| Dividends franked | Table 8, part1 ; Table 14 |
| plus Dividends unfranked | Table 8, part1 ; Table 14 |
| SUPERANNUATION | |
| Other Australian pension or annuities | Table 8, part1 |
| Housing | |
| Net rent | Table 8, part1 ; Table 14 |
| <i>equals</i> Net rent - profit | Table 8, part1 |
| <i>plus</i> Net rent - loss | Table 8, part1 |
| B USINESS INCOME | |
| Total Net business income/loss | Table 8, part1 ; Table 14 |
| OTHER INTERESTING INFORMATION | ON |
| Total income or loss | Table 8, part1 ; Table 14^b |
| Total Imputation credits | Table 8, part2 ; Table 14 |
| Total salary & wages in assessable income | Table 8, part1 ; Table 14 |
| Net capital gain | Table 8, part1 ; Table 14 |
| Interest and dividend deductions | Table 10, part1 |
| a. In this table success here information on individuals that are more | there EOO 000 I Leavenue |

^{*a*}: In this table, we also have information on individuals that earn more than 500,000. However, we can extract information in Table 14 to have more precision on the top earners

^{*b*}: This item is not presented in the table but can approximately be inferred by adding total rebates to taxable income.

^{*c*} This item is not available for top income earners. To estimate it for top earners, we use information in Table 8 to estimate the superannuation income of top earners. We assume subcategories (e.g. [500,000 ; 600,000[, [600,000 ; 800 000[; [800,000 ; 1,000,000[) are distributed as the category available on Table 8, e.g. for [500,000;1,000,000[.

TABLE C.26: TABULATED DATA: 1997-1998

| TAXABLE INCOME | |
|---|--------------------------------|
| Taxable income or loss | Table 10^a |
| INCOME BRACKETS | |
| Non taxable < 5400 5401-9999 10,000-14,999 15,000-20,700 29,999 |) 20,701-24,999 25,000- |
| 30,000-34,999 35,000-38,000 38,801-39,999 40,000-50,000 | |
| 50,001-69,999 70,000-99,999 | |
| 100,000-199,999 200,000-499,999 | |
| 500,000-599,999 600,000-799,999 | Table 14 |
| 800,000-999,999 1,000,000 - 1,999,999 2,000,000 and over | |
| INTEREST | |
| Gross interest | Table 10, part1 ; Table 14 |
| Dividends | |
| Dividends franked | Table 10, part1 ; Table 14 |
| plus Dividends unfranked | Table 10, part1 ; Table 14 |
| Superannuation | |
| Other Australian pensions or annuities ^c | Table 10, part1 |
| Housing | |
| Net rent | Table 10, part1 ; Table 14 |
| <i>equals</i> Net rent - profit | Table 10, part1 |
| <i>plus</i> Net rent - loss | Table 10, part1 |
| BUSINESS INCOME | - |
| Total Net business income/loss | Table 10, part1 ; Table 14 |
| OTHER INTERESTING INFORM | ATION |
| Total income or loss | Table 10, part1 ; Table 14^b |
| Total Imputation credits | Table 10, part2 ; Table 14 |
| Total salary & wages in assessable income | Table 10, part1 ; Table 14 |
| Net capital gain | Table 10, part1 ; Table 14 |
| Interest and dividend deductions | Table 10, part1 |
| ^a : In this table, we also have information on individuals that earn m | are then 500,000 However |

^{*a*}: In this table, we also have information on individuals that earn more than 500,000. However, we can extract information in Table 14 to have more precision for the top earners

^{*b*}: This item is not presented in the table but can approximately be inferred by adding total rebates to taxable income.

^{*c*} This item is not available for top income earners. To estimate it for top earners, I use information in Table 10 to estimate the superannuation income of top earners. I assume subcategories, e.g. [500,000; 600,000], [600,000; 800 000]; [800,000; 1,000,000], are distributed as the category available on Table 10, e.g. for [500,000;1,000,000].

TABLE C.27: TABULATED DATA: 1996-1997

| TAXABLE INCOME | |
|---|--------------------------------|
| Taxable income or loss | Table 10 ^a |
| INCOME BRACKETS | |
| Non taxable < 5401 5401-9999 10,000-14,999 15,000-20,700 20,70 29,999 | 01-24,999 25,000- |
| 30,000-34,999 35,000-38,000 38,001-39,999 40,000-50,000 | |
| 50,001-69,999 70,000-99,999 | |
| 100,000-199,999 200,000-499,999 | |
| 500,000-599,999 600,000-799,999 | Table 14 |
| 800,000-999,999 1,000,000 - 1,999,999 2,000,000 and over | |
| INTEREST | |
| Gross interest | Table 10, part1 ; Table 14 |
| DIVIDENDS | |
| Dividends franked | Table 10, part1 ; Table 14 |
| plus Dividends unfranked | Table 10, part1 ; Table 14 |
| Superannuation | |
| Annuities, Other Pensions, Superannuation, etc. ^c | Table 8, part1 |
| Housing | |
| Net rent | Table 10, part1 ; Table 14 |
| <i>equals</i> Net rent - profit | Table 10, part1 |
| <i>plus</i> Net rent - loss | Table 10, part1 |
| B USINESS INCOME | |
| Total Net business income/loss | Table 10, part1 ; Table 14 |
| OTHER INTERESTING INFORMATION | |
| Total income or loss | Table 10, part1 ; Table 14^b |
| Total Imputation credits | Table 10, part1 ; Table 14 |
| Total salary & wages in assessable income | Table 10, part1 ; Table 14 |
| Net capital gain | Table 10, part1 ; Table 14 |
| Interest and dividend deductions | Table 10, part1 |
| ^a : In this table, we also have information on individuals that earn more than | 500 000 However |

^{*a*}: In this table, we also have information on individuals that earn more than 500,000. However, we can extract information in Table 14 to have more precision for the top earners

^{*b*}: This item is not presented in the table but can approximately be inferred by adding total rebates to taxable income.

^{*c*} This item is not available for top income earners. To estimate it for top earners, I use information in Table 10 to estimate the superannuation income of top earners. I assume subcategories, e.g. [500,000; 600,000[, [600,000; 800 000[; [800,000 ; 1,000,000[, are distributed as the category available on Table 10, e.g. for [500,000;1,000,000[.

TABLE C.28: TABULATED DATA: 1995-1996

| TAXABLE INCOME | | |
|---|-------------------------------|--|
| Taxable income or loss | Table 8 ^a | |
| INCOME BRACKETS | | |
| < 10000 10,000-14,999 15,000-19,999 20,000-24,999 25,000-34,999 | | |
| 35,000-49,999 50,000-99,999 | | |
| 100,000-499,999 | T 11 44 | |
| 500,000-599,999 600,000-799,999 | Table 14 | |
| 800,000-999,999 1,000,000 - 1,999,999 2,000,000 and over | | |
| INTEREST | | |
| Gross interest | Table 8, part1 ; Table 14 | |
| DIVIDENDS | | |
| Dividends franked | Table 8, part1 ; Table 14 | |
| plus Dividends unfranked | Table 8, part1 ; Table 14 | |
| SUPERANNUATION | | |
| Annuities, Other Pensions, Superannuation, etc. c | Table 8, part1 | |
| Housing | | |
| Net rent | Table 8, part1 ; Table 14 | |
| equals Net rent - profit | Table 8, part1 | |
| <i>plus</i> Net rent - loss | Table 8, part1 | |
| BUSINESS INCOME | | |
| Total Net business income/loss | Table 8, part1 ; Table 14 | |
| OTHER INTERESTING INFORMATION | | |
| Total income or loss | Table 8, part1 ; Table 14^b | |
| Total Imputation credits | Table 8, part1 ; Table 14 | |
| Total salary & wages in assessable income | Table 8, part1 ; Table 14 | |
| Net capital gain | Table 8, part1 ; Table 14 | |
| Interest and dividend deductions | Table 8, part1 | |
| | | |

^{*a*}: In this table, we also have information on individuals that earn more than 500,000. However, we can extract information in Table 14 to have more precision for the top earners

^{*b*}: This item is not presented in the table but can approximately be inferred by adding total rebates to taxable income.

^{*c*} This item is not available for top income earners. To estimate it for top earners, I use information in Table 8 to estimate the superannuation income of top earners. I assume subcategories, e.g. [500,000; 600,000], [600,000; 800 000]; [800,000; 1,000,000], are distributed as the category available on Table 8, e.g. for [500,000;1,000,000].

TABLE C.29: TABULATED DATA: 1994-1995

| TAXABLE INCOME | |
|---|------------------|
| Taxable income or loss | P18 ^a |
| < 10000 10,000-14,999 15,000-19,999 20,000-24,999 25,000-34,999 | |
| 35,000-49,999 50,000-99,999 | |
| 100,000-499,999 | |
| 500,000-599,999 600,000-799,999 | C5 |
| 800,000-999,999 1,000,000 - 1,999,999 2,000,000 and over | |
| INTEREST | |
| Gross interest | P18 ; C5 |
| DIVIDENDS | |
| Dividends franked | P18 ; C5 |
| <i>plus</i> Dividends unfranked | P18 ; C5 |
| SUPERANNUATION | |
| Annuities, Other Pensions, Superannuation, etc. ^c | P18 |
| Housing | |
| Net rent | P18 ; C5 |
| BUSINESS INCOME | |
| Total Net business income/loss | P18 ; C5 |
| OTHER INTERESTING INFORMATION | |
| Total income or loss | P18 ; C5 |
| Total Imputation credits | P18 ; C5 |
| Total salary & wages in assessable income | P18 ; C5 |
| Net capital gain | P18 ; C5 |
| Interest and dividend deductions | P18 |

^{*a*} In this table, we also have information on individuals that earn more than 500,000. However, we can extract information in Table C5 to have more precision for the top earners

^{*b*} This item is not presented in the table but can approximately be inferred by adding total rebates to taxable income.

^{*c*} This item is not available for top income earners. To estimate it for top earners, I use information in Table P18 to estimate the superannuation income of top earners. I assume subcategories, e.g. [500,000; 600,000[, [600,000; 800 000[; [800,000; 1,000,000], are distributed as the category available on P18, e.g. for [500,000;1,000,000].

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