| Table AU.5b: Accumulation equation for national wealth in Australia, 1960-2011 (annual series) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | [1] | [2] | [3] | [4] | [5] | [6] | [7] | [8] | [9] | [10] | [11] | [12] | [13] | [14] | [15] | [16] | [17] |
|  |  |  |  | National wealth (market value) |  |  |  |  |  | National wealth (book value) |  |  |  |  |  |  |  |
|  | National income $Y_{t}$ <br> (bn. 2010 A\$) | GDP <br> price inflation $\begin{aligned} & 1+p_{t}= \\ & P_{t} / P_{t-1} \end{aligned}$ | Real growth rate of national income $\begin{aligned} & 1+\mathrm{g}_{\mathrm{t}}= \\ & \mathrm{Y} / \mathrm{Y}_{\mathrm{t}-1} \end{aligned}$ | Real growth rate of national wealth $\begin{aligned} & 1+g_{\mathrm{wt}}= \\ & W_{\mathrm{t}} / \mathrm{W}_{\mathrm{t}-1} \end{aligned}$ | Ratio (national wealth)/ (national income) $\beta_{t}=W_{t} / Y_{t}$ | National savings rate $s_{t}=S_{t} / Y_{t}$ | Savingsinduced wealth growth rate $\begin{aligned} & \mathrm{g}_{\mathrm{wst}}= \\ & \mathrm{s}_{\mathrm{t}-1} / \beta_{\mathrm{t}-1} \end{aligned}$ | Other volume change $\mathrm{o}_{\mathrm{t}}=\mathrm{o}_{\mathrm{yt}} / \beta_{\mathrm{t}}$ | Real rate of capital gains <br> $q_{t}$ | Real growth rate of national wealth $\begin{aligned} & 1+g_{\mathrm{wt}}= \\ & W_{t} / W_{t-1} \end{aligned}$ | Ratio (national wealth)/ (national income) $\beta_{t}=W_{t} / Y_{t}$ | National savings rate $s_{t}=S_{t} / Y_{t}$ | Savingsinduced wealth growth rate $\begin{aligned} & \mathrm{g}_{\mathrm{wst}}= \\ & \mathrm{s}_{\mathrm{t}-1} / \beta_{\mathrm{t}-1} \end{aligned}$ | Other volume change $\mathrm{o}_{\mathrm{t}}=\mathrm{o}_{\mathrm{y} t} / \beta_{\mathrm{t}}$ | Real rate of capital gains <br> $q_{t}$ | volume change on marketvalue national wealth $\mathrm{oyt}=$ $0, Y_{t}$ | Other <br> volume change on book-value national wealth $\mathrm{oyt}=$ $0, Y_{t}$ |
| 1960 | 186.2 |  |  |  | 366\% | 20.0\% |  | 0.0\% |  |  | 458\% | 20.0\% |  | 0.0\% |  | 0.0\% | 0.0\% |
| 1961 | 191.6 | 2.7\% | 2.9\% | 5.7\% | 376\% | 19.3\% | 5.5\% | 0.0\% | 0.2\% | 4.9\% | 467\% | 19.3\% | 4.4\% | 0.0\% | 0.5\% | 0.0\% | 0.0\% |
| 1962 | 194.5 | 0.0\% | 1.5\% | 8.2\% | 400\% | 17.5\% | 5.1\% | 0.0\% | 2.9\% | 7.6\% | 495\% | 17.5\% | 4.1\% | 0.0\% | 3.3\% | 0.0\% | 0.0\% |
| 1963 | 206.8 | 1.3\% | 6.3\% | 5.5\% | 397\% | 18.2\% | 4.4\% | 0.0\% | 1.1\% | 4.6\% | 487\% | 18.2\% | 3.5\% | 0.0\% | 1.0\% | 0.0\% | 0.0\% |
| 1964 | 221.2 | 3.8\% | 7.0\% | 5.0\% | 390\% | 20.0\% | 4.6\% | 0.0\% | 0.4\% | 4.9\% | 478\% | 20.0\% | 3.7\% | 0.0\% | 1.1\% | 0.0\% | 0.0\% |
| 1965 | 234.6 | 2.5\% | 6.0\% | 8.0\% | 397\% | 19.4\% | 5.1\% | 0.0\% | 2.7\% | 7.9\% | 486\% | 19.4\% | 4.2\% | 0.0\% | 3.5\% | 0.0\% | 0.0\% |
| 1966 | 239.2 | 2.4\% | 2.0\% | 6.5\% | 415\% | 16.9\% | 4.9\% | 0.0\% | 1.5\% | 6.0\% | 506\% | 16.9\% | 4.0\% | 0.0\% | 2.0\% | 0.0\% | 0.0\% |
| 1967 | 254.2 | 4.7\% | 6.3\% | 2.2\% | 399\% | 18.7\% | 4.1\% | 0.0\% | -1.8\% | 2.4\% | 487\% | 18.7\% | 3.3\% | 0.0\% | -0.9\% | 0.0\% | 0.0\% |
| 1968 | 265.0 | 2.2\% | 4.3\% | 4.1\% | 399\% | 16.0\% | 4.7\% | 0.0\% | -0.5\% | 4.8\% | 490\% | 16.0\% | 3.8\% | 0.0\% | 1.0\% | 0.0\% | 0.0\% |
| 1969 | 282.9 | 5.5\% | 6.7\% | 3.9\% | 388\% | 19.0\% | 4.0\% | 0.0\% | -0.1\% | 4.8\% | 481\% | 19.0\% | 3.3\% | 0.0\% | 1.5\% | 0.0\% | 0.0\% |
| 1970 | 300.3 | 5.2\% | 6.1\% | 6.8\% | 391\% | 19.2\% | 4.9\% | 0.0\% | 1.8\% | 8.0\% | 489\% | 19.2\% | 4.0\% | 0.0\% | 3.9\% | 0.0\% | 0.0\% |
| 1971 | 315.1 | 5.0\% | 4.9\% | 8.4\% | 404\% | 18.3\% | 4.9\% | 0.0\% | 3.3\% | 9.1\% | 509\% | 18.3\% | 3.9\% | 0.0\% | 5.0\% | 0.0\% | 0.0\% |
| 1972 | 331.1 | 5.7\% | 5.1\% | 7.2\% | 412\% | 18.0\% | 4.5\% | 0.0\% | 2.5\% | 7.8\% | 522\% | 18.0\% | 3.6\% | 0.0\% | 4.0\% | 0.0\% | 0.0\% |
| 1973 | 342.5 | 9.8\% | 3.5\% | 5.1\% | 418\% | 18.9\% | 4.4\% | 0.0\% | 0.7\% | 6.1\% | 535\% | 18.9\% | 3.5\% | 0.0\% | 2.6\% | 0.0\% | 0.0\% |
| 1974 | 356.8 | 16.3\% | 4.2\% | 6.1\% | 426\% | 19.9\% | 4.5\% | 0.0\% | 1.5\% | 6.6\% | 548\% | 19.9\% | 3.5\% | 0.0\% | 2.9\% | 0.0\% | 0.0\% |
| 1975 | 367.5 | 16.1\% | 3.0\% | 4.8\% | 433\% | 15.7\% | 4.7\% | 0.0\% | 0.1\% | 4.6\% | 556\% | 15.7\% | 3.6\% | 0.0\% | 0.9\% | 0.0\% | 0.0\% |
| 1976 | 374.5 | 14.5\% | 1.9\% | 1.5\% | 432\% | 13.9\% | 3.6\% | 0.0\% | -2.0\% | 1.3\% | 553\% | 13.9\% | 2.8\% | 0.0\% | -1.5\% | 0.0\% | 0.0\% |
| 1977 | 388.0 | 11.1\% | 3.6\% | 2.7\% | 428\% | 13.1\% | 3.2\% | 0.0\% | -0.5\% | 2.0\% | 544\% | 13.1\% | 2.5\% | 0.0\% | -0.5\% | 0.0\% | 0.0\% |
| 1978 | 386.4 | 8.5\% | -0.4\% | 1.4\% | 436\% | 10.3\% | 3.1\% | 0.0\% | -1.6\% | 1.0\% | 552\% | 10.3\% | 2.4\% | 0.0\% | -1.4\% | 0.0\% | 0.0\% |
| 1979 | 405.5 | 8.3\% | 4.9\% | 1.3\% | 420\% | 12.5\% | 2.4\% | 0.0\% | -1.1\% | 1.1\% | 532\% | 12.5\% | 1.9\% | 0.0\% | -0.8\% | 0.0\% | 0.0\% |
| $19 \overline{8} \overline{0}$ | $4 \overline{17.6}$ | 10.1\% | 3.0\% | 3.4\% | 422\% | 13.5\% | 3.0\% | 0.0\% | -0.4\% | 3.0\% | 531\% | 13.5\% | 2.4\% | 0.0\% | 0.6\% | 0.0\% | 0.0\% |
| 1981 | 435.1 | 9.5\% | 4.2\% | 7.1\% | 434\% | 13.1\% | 3.2\% | 0.0\% | 3.8\% | 6.5\% | 543\% | 13.1\% | 2.5\% | 0.0\% | 3.8\% | 0.0\% | 0.0\% |
| 1982 | 441.2 | 11.7\% | 1.4\% | 2.1\% | 437\% | 11.8\% | 3.0\% | 0.0\% | -0.9\% | 1.6\% | 544\% | 11.8\% | 2.4\% | 0.0\% | -0.8\% | 0.0\% | 0.0\% |
| 1983 | 431.5 | 10.5\% | -2.2\% | -1.0\% | 443\% | 7.5\% | 2.7\% | 0.0\% | -3.6\% | -1.4\% | 549\% | 7.5\% | 2.2\% | 0.0\% | -3.4\% | 0.0\% | 0.0\% |
| 1984 | 451.9 | 7.6\% | 4.7\% | 2.1\% | 432\% | 10.2\% | 1.7\% | 0.0\% | 0.4\% | 1.7\% | 533\% | 10.2\% | 1.4\% | 0.0\% | 0.3\% | 0.0\% | 0.0\% |
| 1985 | 474.0 | 5.0\% | 4.9\% | 5.4\% | 434\% | 11.1\% | 2.4\% | 0.0\% | 3.0\% | 4.7\% | 532\% | 11.1\% | 1.9\% | 0.0\% | 2.7\% | 0.0\% | 0.0\% |
| 1986 | 492.3 | 5.5\% | 3.9\% | 3.6\% | 433\% | 8.7\% | 2.6\% | 0.0\% | 1.0\% | 2.6\% | 525\% | 8.7\% | 2.1\% | 0.0\% | 0.5\% | 0.0\% | 0.0\% |
| 1987 | 500.9 | 7.0\% | 1.8\% | 1.5\% | 432\% | 7.7\% | 2.0\% | 0.0\% | -0.5\% | 0.0\% | 516\% | 7.7\% | 1.7\% | 0.0\% | -1.7\% | 0.0\% | 0.0\% |
| 1988 | 529.7 | 7.6\% | 5.7\% | 6.6\% | 435\% | 10.6\% | 1.8\% | 0.0\% | 4.7\% | 5.5\% | 515\% | 10.6\% | 1.5\% | 0.0\% | 4.0\% | 0.0\% | 0.0\% |
| 1989 | 548.5 | 9.1\% | 3.5\% | 9.2\% | 459\% | 11.9\% | 2.4\% | 0.4\% | 6.6\% | 9.5\% | 545\% | 11.9\% | 2.1\% | 0.0\% | 7.3\% | 1.9\% | 0.0\% |
| -1990 1991 | $5 \overline{62.2}$ 552.4 | 6.1\% $3.1 \%$ | -2.5\% $-1.7 \%$ | $5.6 \%$ $1.4 \%$ | 473 \% $488 \%$ | $10.3 \%$ $5.4 \%$ | 2.6\% | 0.5\% | -2.6\% | 4.9\% | 558\% | 10.3\% | 2.2\% | 0.4\% | 2.7\% | 2.4\% | 2.4\% |
| 1991 | 552.4 | 3.1\% | -1.7\% | 1.4\% | 488\% | 5.4\% | 2.2\% | 1.1\% | -1.3\% | 0.3\% | 569\% | 5.4\% | 1.8\% | 0.5\% | -2.0\% | 5.3\% | 2.7\% |


|  | [1] | [2] | [3] | [4] | [5] | [6] | [7] | [8] | [9] | [10] | [11] | [12] | [13] | [14] | [15] | [16] | [17] |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | National wealth (market value) |  |  |  |  |  | National wealth (book value) |  |  |  |  |  | memo: memo: <br> Other Other <br> volume volume <br> change on change on <br> market- book-value <br> value national <br> national wealth $\mathrm{oyt}^{2}$ <br> wealth $\mathrm{o}_{\mathrm{yt}}=$ $0_{t} / Y_{t}$ <br> $0_{t} / Y_{t}$  |  |
|  | National income $Y_{t}$ <br> (bn. 2010 <br> A\$) | GDP <br> price inflation $\begin{aligned} & 1+p_{t}= \\ & P_{t} / P_{t-1} \end{aligned}$ | Real growth rate of national income $\begin{aligned} & 1+\mathrm{g}_{\mathrm{t}}= \\ & \mathrm{Y} / \mathrm{Y}_{\mathrm{t}-1} \end{aligned}$ | Real growth rate of national wealth $\begin{aligned} & 1+g_{w t}= \\ & W_{t} / W_{t-1} \end{aligned}$ | Ratio (national wealth)/ (national income) $\beta_{t}=W_{t} / Y_{t}$ | National savings rate $s_{t}=S_{t} / Y_{t}$ | Savingsinduced wealth growth rate $\begin{aligned} & \mathrm{g}_{\mathrm{wst}}= \\ & \mathrm{s}_{\mathrm{t}-1} / \beta_{\mathrm{t}-1} \end{aligned}$ | Other volume change $o_{t}=o_{y t} / \beta_{t}$ | Real rate of capital gains <br> $q_{t}$ | Real growth rate of national wealth $\begin{aligned} & 1+g_{\mathrm{wt}}= \\ & W_{t} / W_{t-1} \end{aligned}$ | Ratio (national wealth)/ (national income) $\beta_{\mathrm{t}}=\mathrm{W}_{\mathrm{t}} / Y_{\mathrm{t}}$ | National savings rate $s_{t}=S_{t} / Y_{t}$ | Savingsinduced wealth growth rate $\begin{aligned} & g_{w s t}= \\ & s_{t-1} / \beta_{t-1} \end{aligned}$ | Other volume change $o_{t}=o_{y t} / \beta_{t}$ | Real rate of capital gains <br> $q_{t}$ |  |  |
| 1992 | 555.4 | 1.3\% | 0.5\% | 1.3\% | 492\% | 2.2\% | 1.1\% | 0.5\% | -0.9\% | -0.4\% | 564\% | 2.2\% | 1.0\% | 0.5\% | -1.8\% | 2.6\% | 3.0\% |
| 1993 | 586.8 | 0.8\% | 5.7\% | 1.6\% | 473\% | 4.4\% | 0.4\% | 0.4\% | 0.6\% | 0.9\% | 538\% | 4.4\% | 0.4\% | 0.3\% | 0.0\% | 1.7\% | 1.7\% |
| 1994 | 613.0 | 1.1\% | 4.4\% | 3.4\% | 468\% | 6.0\% | 0.9\% | 0.7\% | 2.1\% | 3.4\% | 533\% | 6.0\% | 0.8\% | 0.2\% | 2.2\% | 3.4\% | 1.2\% |
| 1995 | 631.0 | 2.1\% | 2.9\% | 2.7\% | 467\% | 4.9\% | 1.3\% | 0.2\% | 0.6\% | 3.1\% | 534\% | 4.9\% | 1.1\% | 0.3\% | 1.7\% | 0.9\% | 1.7\% |
| 1996 | 658.7 | 2.7\% | 4.4\% | 1.1\% | 452\% | 5.6\% | 1.1\% | 0.6\% | -0.1\% | 1.4\% | 519\% | 5.6\% | 0.9\% | 0.3\% | 0.2\% | 2.7\% | 1.4\% |
| 1997 | 689.3 | 1.2\% | 4.6\% | 5.7\% | 457\% | 7.1\% | 1.2\% | 1.8\% | 3.8\% | 4.2\% | 516\% | 7.1\% | 1.1\% | 0.4\% | 2.8\% | 8.1\% | 2.2\% |
| 1998 | 720.8 | 1.2\% | 4.6\% | 8.3\% | 473\% | 6.6\% | 1.5\% | 0.5\% | 4.8\% | 6.8\% | 527\% | 6.6\% | 1.4\% | 0.9\% | 4.9\% | 2.2\% | 4.6\% |
| 1999 | 756.8 | 0.4\% | 5.0\% | 9.5\% | 493\% | 5.8\% | 1.4\% | 1.1\% | 7.5\% | 7.4\% | 539\% | 5.8\% | 1.2\% | 0.4\% | 5.2\% | 5.2\% | 2.0\% |
| $2 \overline{0} 0 \overline{0}$ | 788.9 | 2.7\% | 4.2\% | 7.6\% | $509 \%$ | 6.6\% | 1.2\% | 1.2\% | 5.3\% | 6.3\% | 550\% | 6.6\% | 1.1\% | 0.5\% | 4.8\% | 6.3\% | 2.8\% |
| 2001 | 802.3 | 4.8\% | 1.7\% | 3.7\% | 519\% | 5.5\% | 1.3\% | 0.8\% | 1.1\% | 3.2\% | 558\% | 5.5\% | 1.2\% | 0.4\% | 1.5\% | 3.9\% | 2.2\% |
| 2002 | 836.9 | 2.8\% | 4.3\% | 5.8\% | 526\% | 6.9\% | 1.1\% | -0.3\% | 3.9\% | 7.1\% | 573\% | 6.9\% | 1.0\% | 0.1\% | 5.6\% | -1.6\% | 0.8\% |
| 2003 | 864.9 | 2.8\% | 3.3\% | 6.7\% | 544\% | 6.2\% | 1.3\% | 0.3\% | 5.7\% | 9.8\% | 608\% | 6.2\% | 1.2\% | 0.1\% | 8.3\% | 1.8\% | 0.6\% |
| 2004 | 905.1 | 3.0\% | 4.6\% | 8.3\% | 563\% | 7.2\% | 1.1\% | 0.5\% | 6.8\% | 9.0\% | 634\% | 7.2\% | 1.0\% | 0.3\% | 7.8\% | 2.7\% | 1.6\% |
| 2005 | 922.5 | 3.9\% | 1.9\% | 6.7\% | 589\% | 6.8\% | 1.3\% | 0.3\% | 4.9\% | 5.9\% | 658\% | 6.8\% | 1.1\% | 0.4\% | 4.4\% | 1.6\% | 2.6\% |
| 2006 | 948.3 | 4.8\% | 2.8\% | 4.8\% | 601\% | 8.0\% | 1.1\% | 0.5\% | 3.3\% | 4.0\% | 666\% | 8.0\% | 1.0\% | 0.3\% | 2.6\% | 3.0\% | 2.0\% |
| 2007 | 977.7 | 4.9\% | 3.1\% | 7.1\% | 624\% | 8.0\% | 1.3\% | 0.9\% | 5.2\% | 5.0\% | 678\% | 8.0\% | 1.2\% | 0.4\% | 3.5\% | 5.5\% | 2.5\% |
| 2008 | 1,019.8 | 4.7\% | 4.3\% | 2.8\% | 615\% | 8.6\% | 1.3\% | 0.9\% | 0.6\% | 4.2\% | 678\% | 8.6\% | 1.2\% | 0.9\% | 2.6\% | 5.5\% | 5.8\% |
| 2009 | 1,035.2 | 5.1\% | 1.5\% | -5.2\% | 574\% | 10.6\% | 1.4\% | 1.0\% | -7.3\% | 1.2\% | 676\% | 10.6\% | 1.3\% | 0.8\% | -0.9\% | 5.8\% | 5.2\% |
| $2 \overline{0} 1 \overline{0}$ | $\overline{1}, \overline{0} \overline{4} . \overline{3}$ | 0.9\% | 1.8\% | 3.6\% | 584\% | 8.6\% | 1.9\% | 0.2\% | 0.7\% | $\overline{6} .6 \%$ | 707\% | 8.6\% | 1.6\% | 0.5\% | 4.1\% | 1.2\% | 3.6\% |
| 2011 | 1,079.1 | 6.1\% | 2.4\% | -0.6\% | 568\% | 10.4\% | 1.5\% | 0.2\% | -2.2\% | -0.8\% | 686\% | 10.4\% | 1.2\% | 0.6\% | -2.5\% | 1.4\% | 4.0\% |

