



Australian Jobs profile for Feb Qtr. 2015

Prepared by Australian
Development Strategies
Pty Ltd

This report has been prepared as an educational and public relations exercise and has not been designed as an advisory tool for business and we take no responsibility for those who use it for these purposes. The sampling errors for smaller Labour Force regions are often large and the raw figures used cannot be easily adjusted for seasonal trends. The statistical significance of the profiles also need to be considered. We repeat, caution is urged in any interpretation of these statistics. We acknowledge and thank the Australian Bureau of Statistics for the provision of original data, Dr Otto Hellwig of MDS for the HES microsimulation modelling and Phil Henry of Business Geographics for the mapping.

Background to the Profile

This report focuses on participation rates and the political and welfare links to participation rates across regions. It starts with tables showing the lowest and highest regional participation rates and the corresponding stereotypes for each. It continues with (green) charts based on the February Quarter 2015 Participation Rates and continues with relevant (red) charts from recent elections.

This profile is based on jobs data collected by the Australian Bureau of Statistics. The primary source is the monthly Labour Force survey by Regions (6291.0.55.001), but includes national data from 6202.0, detailed quarterly data from 6291.0.55.003, earnings by industry 6302.0 Job Vacancies Australia 6354.0 and Demographic Statistics 3101.0. We have also made some use of ABS data on underemployment and labour underutilisation. As detailed data is only available in Original form, we use this, unless otherwise stated to be Trend or Seasonally Adjusted.

The modelling used by ADS compares this cross section of data with our Elaborate database and uses inferential statistics to project these sample results onto all Australian postcodes and Commonwealth Electoral Divisions. Material in the ADS Elaborate database is based on data from the ABS Census, Electoral Commissions, Household Expenditure Surveys modelled by MDS Data Systems, data on home loan arrears and a wide range of published data on political and economic behaviour.

We present here, in Correlation Tables, the correlation between our database and the relevant jobs figures by region. The correlations have been ranked to typically show those which are normally significant to 95 percent or more (0.21). In other words, there's a five percent probability the correlations in the table are due to chance. The higher the correlation, plus or minus, the lower the probability it is due to chance.

The Correlation Charts should be read the same way as the worm debating chart – the zero line is neutral and the score heightens as the correlation increases its distance above or below the zero line. A positive correlation shown well above the zero line means that the demographic group in question is concentrated in regions or suburbs with high levels of the relevant jobs figure. A negative correlation well below the zero line means they're concentrated in regions or suburbs where the jobs figure is lower.

Labour Force Regions	Part Rate Feb Qtr 15
Richmond - Tweed	47.9
Wide Bay	49.0
Southern Highlands and Shoalhaven	50.7
Sydney - South West	51.6
Logan - Beaudesert	53.7
Mid North Coast	54.2
Central Coast	55.5
Murray	57.3
Toowoomba	58.5
Cairns	58.7
Launceston and North East	58.9
Latrobe - Gippsland	58.9
Illawarra	59.0
Mandurah	59.1
Western Australia - Wheat Belt	59.2
South Australia - South East	59.4
New England and North West	59.4
Sydney - Inner South West	59.6
West and North West	59.7
Hunter Valley exc Newcastle	60.0
Mornington Peninsula	60.1
Adelaide - South	60.4
South Australia - Outback	60.6
Adelaide - North	60.6
Geelong	61.0
Shepparton	61.0
Ballarat	61.2
Central West	61.4
Coffs Harbour - Grafton	61.7
Melbourne - North West	62.0

Variables	Aust Means	Part Rate Feb 2015 Qtr
Fem Not in labour force	38.7	-0.80
Not in labour force	27.1	-0.78
Aged Pension	15.4	-0.75
Fam \$800-999	7.8	-0.72
Per Capita Welfare Income	\$5,729	-0.71
Fem Inc \$300-399	12.1	-0.71
Fam \$600-799	8.1	-0.71
Carer Allowance	3.8	-0.71
Fam \$400-599	8.6	-0.70
Inc \$400-599	9.2	-0.70
Inc \$300-399	7.5	-0.70
Fem Aged 70-74	3.4	-0.66
Aged 75-79	2.4	-0.65
Aged 70-74	3.2	-0.65
Fem Inc \$200-299	11.6	-0.65
Fem 75-79 three kids	0.8	-0.65
Fem Aged 75-79	2.7	-0.64
persons 65-74 Married	6.2	-0.64
Inc \$200-299	9.0	-0.63
persons 75-84 Married	3.0	-0.63
Fem Retail	13.0	-0.63
Fam \$1000-1249	7.8	-0.63
Fem Aged 65-69	4.3	-0.63
Rent \$225-274	11.7	-0.61
Fem Inc \$400-599	13.9	-0.61
Fem Aged 60-64	5.6	-0.61
Aged 65-69	4.3	-0.61
Fem 70-74 three kids	1.1	-0.60
persons 75-84 Not Married	2.4	-0.60
Fem Health & social assist	19.7	-0.59

Table 1. Low Participation Rate profiles Feb Quarter 2015.

At far left we see the 30 Australian Labour Force regions with the lowest participation rates for the February Quarter 2015.

In the centre we have the demographic groups which are located disproportionately within these regions.

We are looking at rural, provincial and sea change retirement regions across all six states, punctuated by some very low income blue collar regions formerly reliant on manufacturing jobs.

Demographically these regions contain high numbers of older persons no longer in the workforce, living on the aged pension or the carer allowance.

We also note the big employers for women of industries covering retail and health plus social assistance.

These poorer regions are the hardest hit by low interest rates and are the real casualties of a budget out of control.

Labour Force Regions	Part Rate Feb Qtr 15	Variables	Aust Means	Part Rate Feb 2015 Qtr
Queensland - Outback	81.0	Fem Employed full time	25.9	0.75
Western Australia - Outback	78.2	Median personal inc	\$577	0.72
Brisbane Inner City	76.6	Fem Inc \$1000-1249	6.6	0.69
Darwin	76.6	Median hhold inc	\$1,234	0.64
Melbourne - Inner	73.9	Fem Inc \$1250-1499	4.3	0.64
Perth - North East	73.7	Fem Aged 35-39	7.1	0.64
Mackay	73.1	Inc \$1500-1999	8.5	0.63
Brisbane - North	72.9	Employed full time	47.9	0.63
Sydney - Inner West	71.7	Per Cap Wages Income	\$20,828	0.63
Sydney - City and Inner South	71.6	Fam \$3000-3499	5.8	0.63
Perth - North West	71.0	Median family inc	\$1,481	0.63
Sydney - North Sydney and Hornsby	70.9	Aged 35-39	7.0	0.63
Moreton Bay - South	70.9	Fam \$2500-2999	8.2	0.63
Sydney - Eastern Suburbs	70.7	Fem Inc \$1500-1999	4.5	0.61
Australian Capital Territory	70.5	Fam \$3500-3999	2.6	0.60
Brisbane - South	70.4	Aged 40-44	7.1	0.60
Fitzroy	70.2	Fem Aged 30-34	6.8	0.58
Northern Territory - Outback	70.1	Aged 30-34	6.8	0.58
Brisbane - East	69.9	Inc \$2000+	9.7	0.58
Sydney - Northern Beaches	69.8	Fem Aged 25-29	7.0	0.57
Bunbury	69.6	Aged 25-29	7.1	0.57
Sydney - Outer West and Blue Mountains	69.6	persons 25-34 De Facto	3.3	0.56
Sydney - Ryde	69.3	Per Capita Total Income	\$28,974	0.56
Perth - Inner	68.9	Per Cap Mortgage Invest Property	\$10,818	0.56
Riverina	68.8	Fem 25-29 no kids	5.7	0.54
Perth - South East	68.6	Inc \$1250-1499	6.8	0.54
Sydney - Baulkham Hills and Hawkesbury	68.4	Fam \$4000+	4.1	0.54
North West	67.8	Fem Inc \$800-999	7.4	0.53
Sydney - Sutherland	67.7	Per Cap Incorp Assets	\$12,038	0.52
Gold Coast	67.7	Fem 35-39 no kids	1.9	0.52

Table 2. High Participation Rate Profiles Feb Quarter 2015.

At far left are the 30 Australian regions with the highest participation rates for the February Quarter 2015.

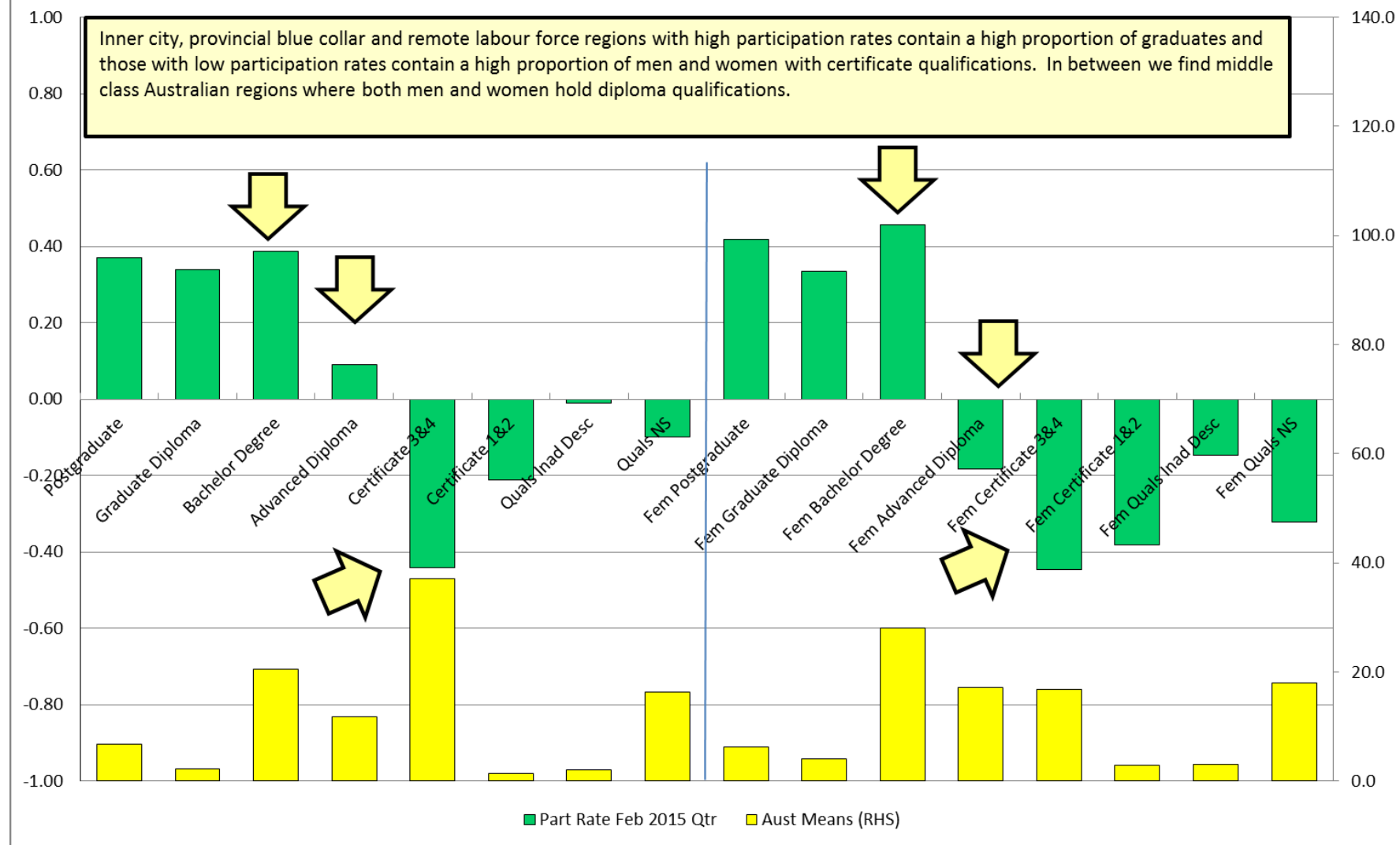
In the centre we have the demographic groups which are located disproportionately within these regions.

Here we have an interesting cross section of Australian regions, from the densely packed inner cities out to the sparsely populated outback regions of western, northern and eastern Australia.

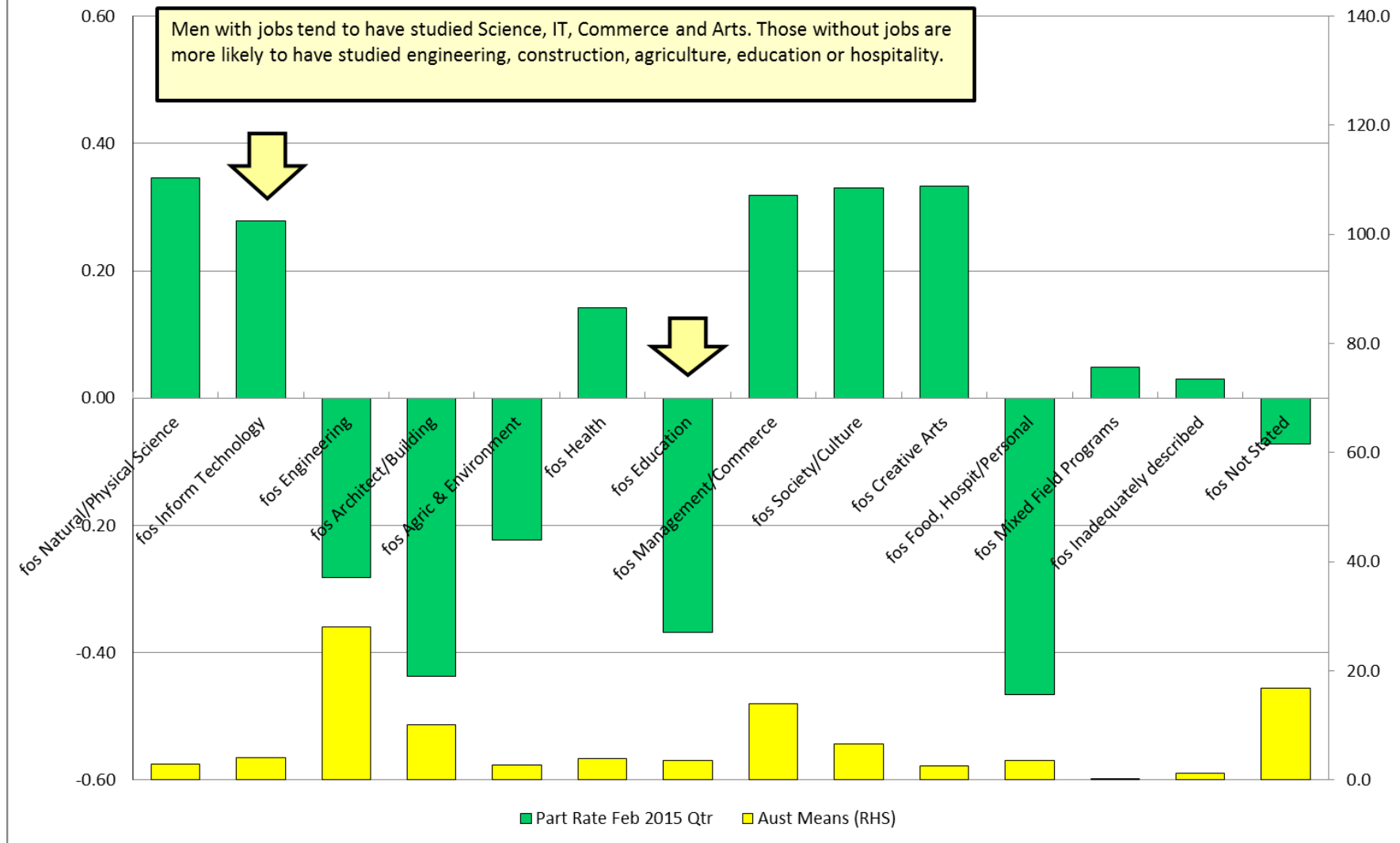
We see younger men and women on third quartile and top quartile incomes, with higher incomes negatively geared against investment properties.

Two characteristics stand out however: both the male and female adult in the family have full time jobs and they have very few kids.

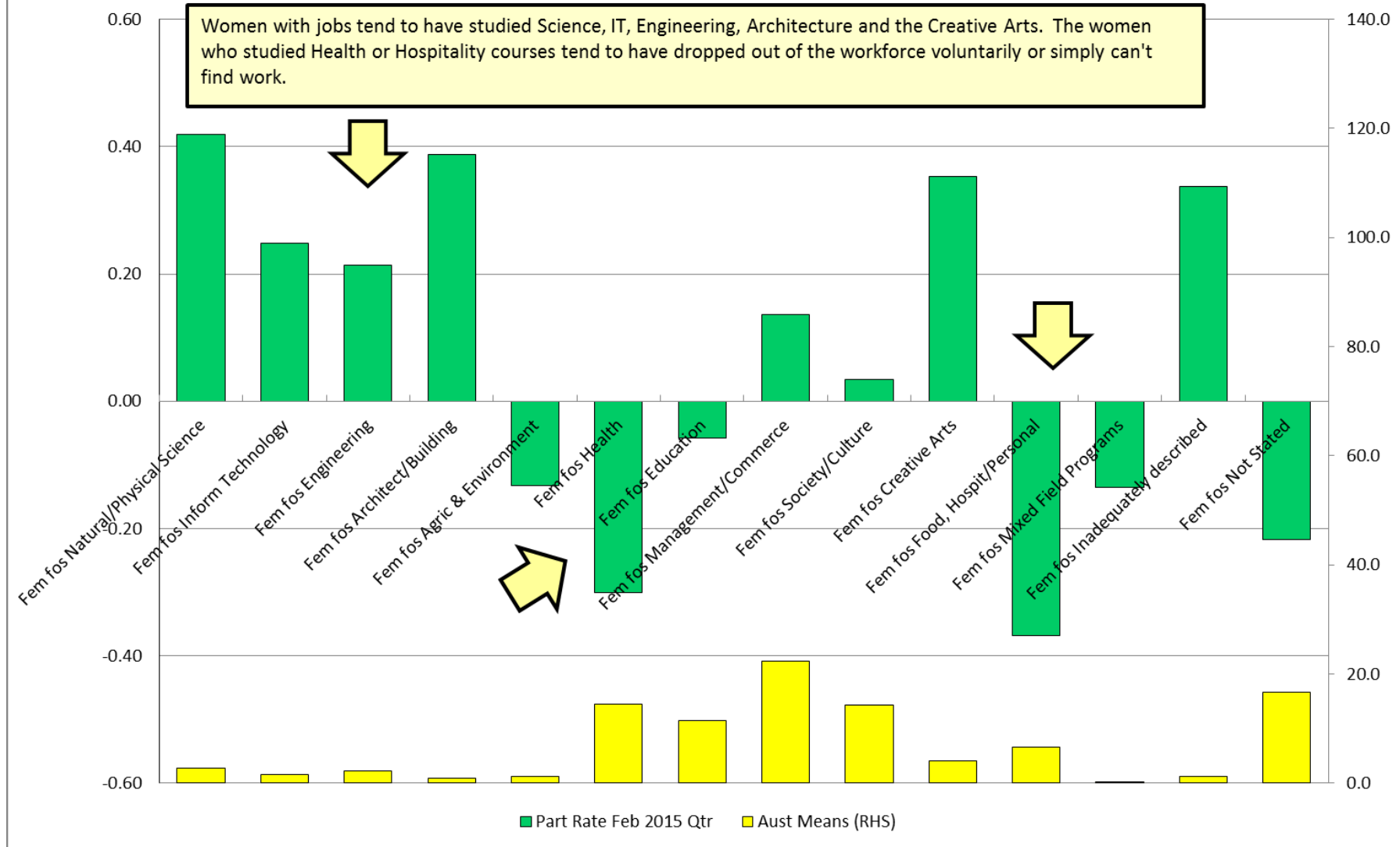
Participation Rates & Qualifications: Male & Female

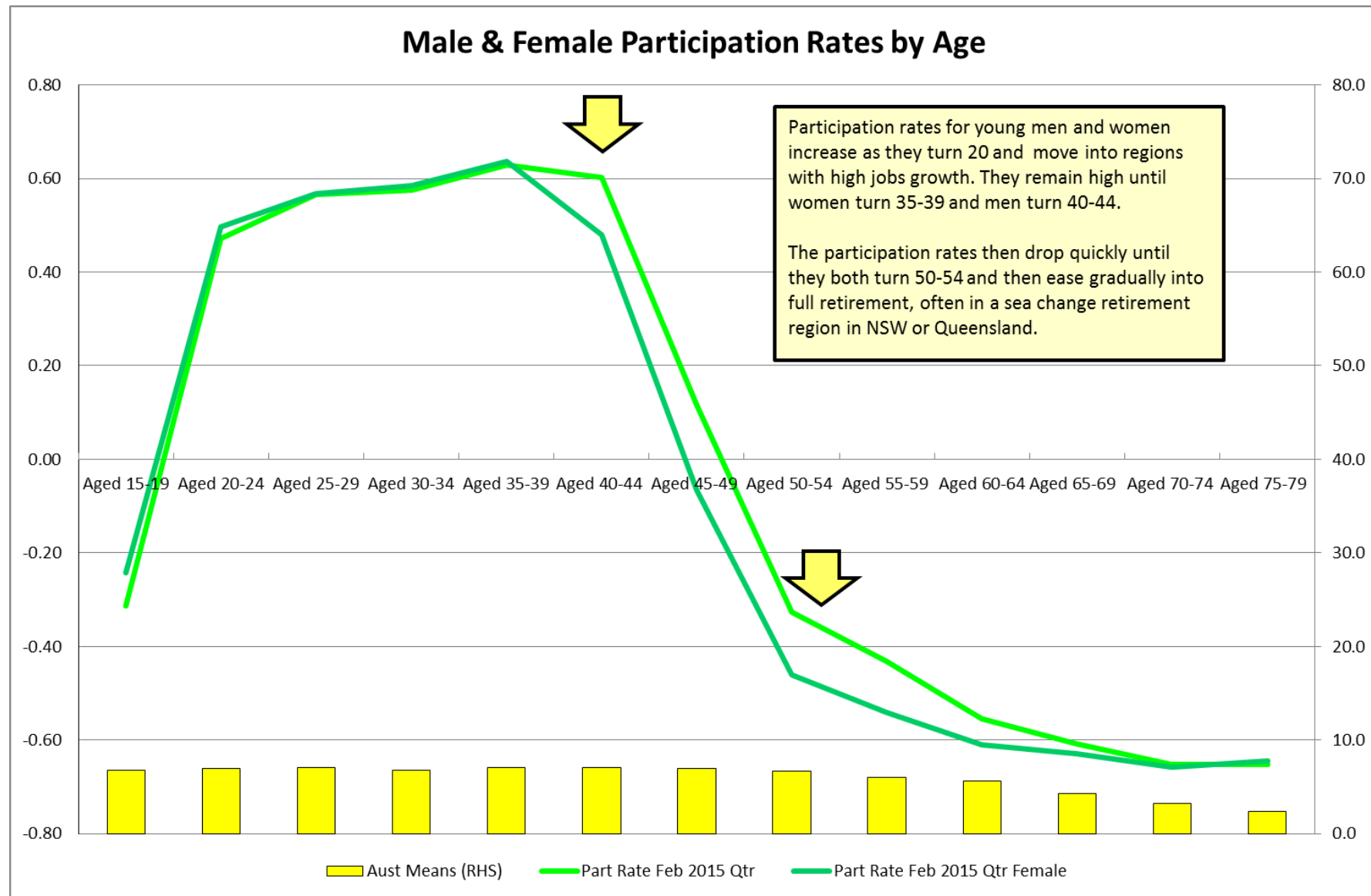


Participation Rates & Field of Study: Male

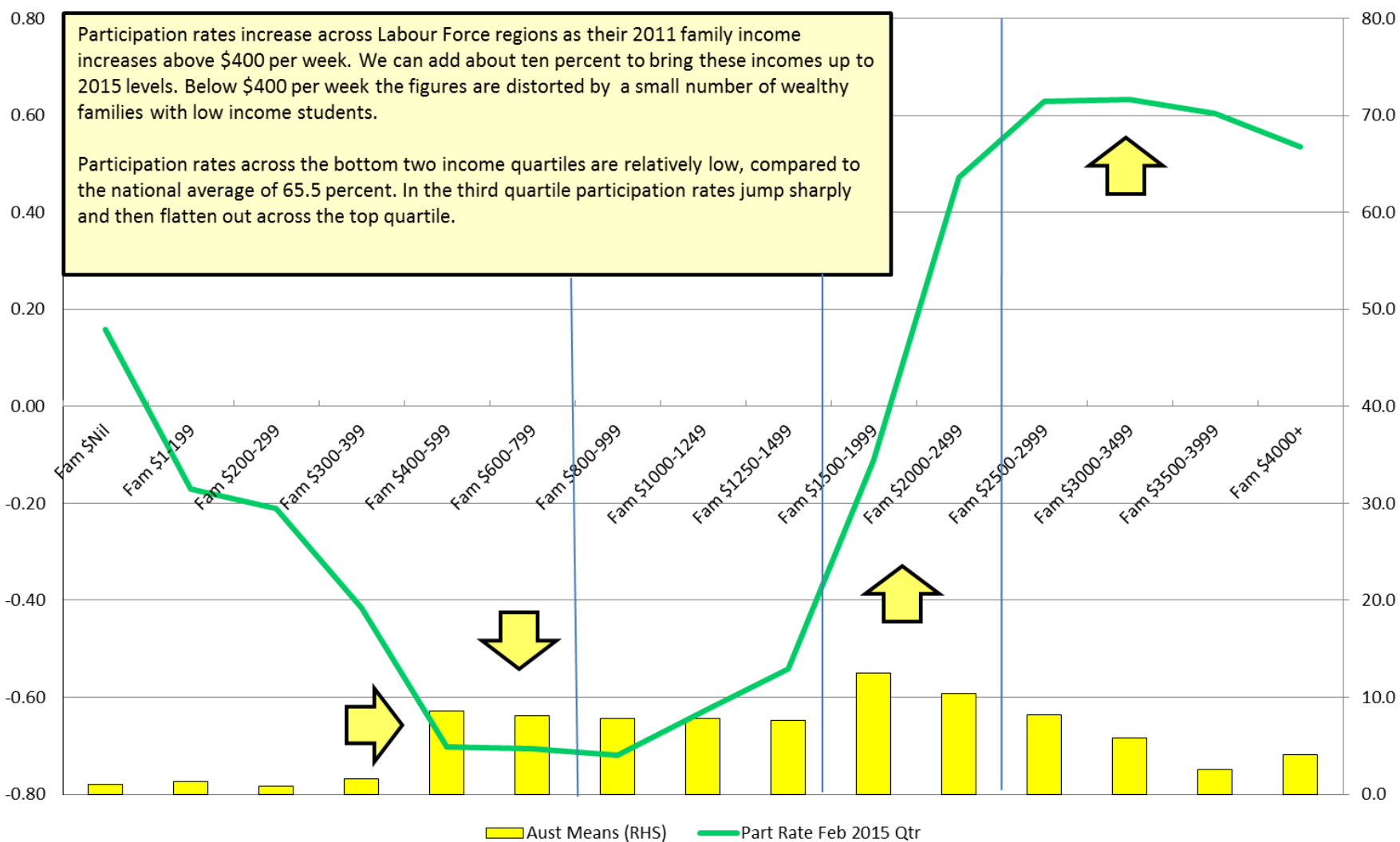


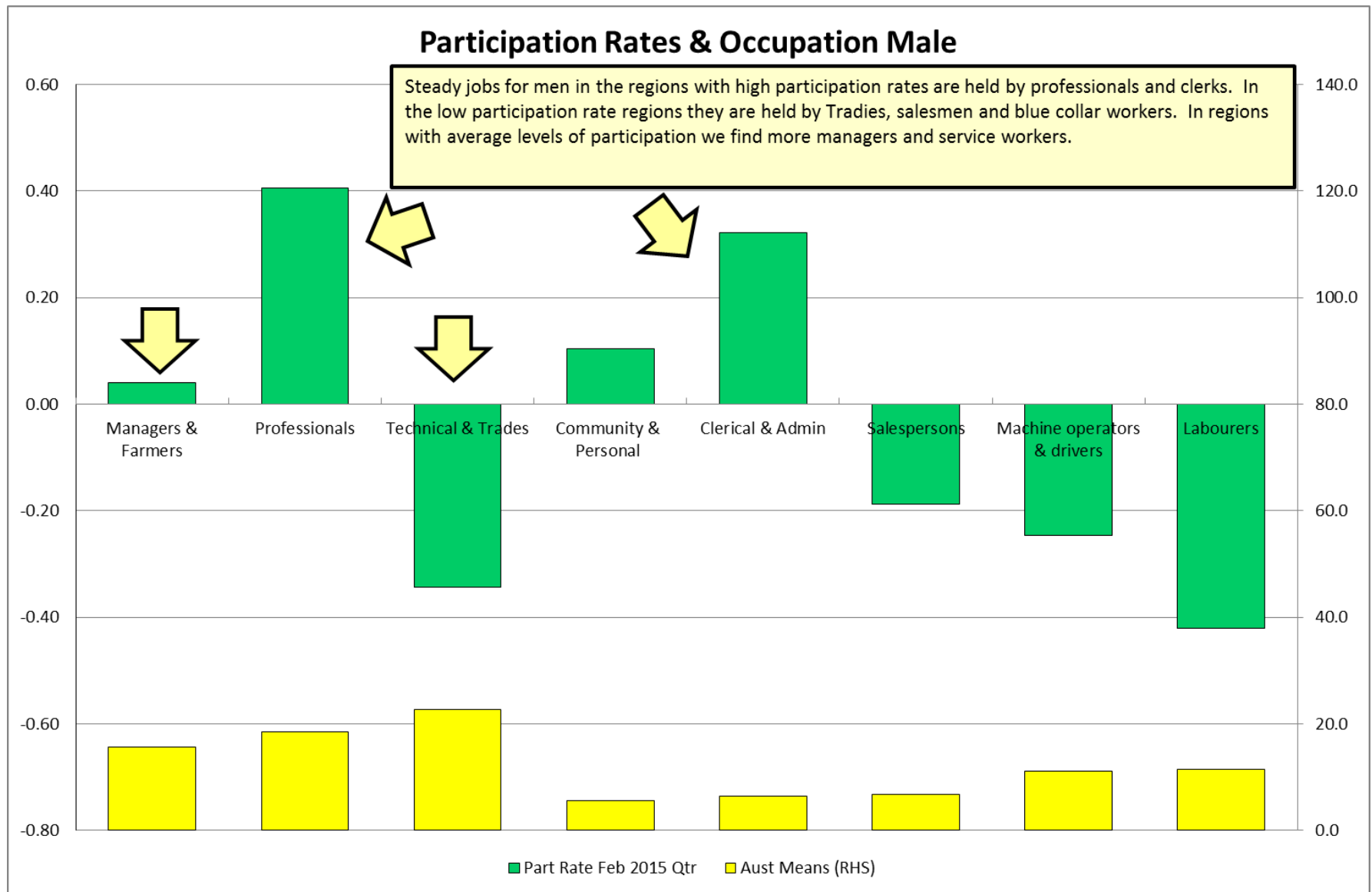
Participation Rates & Field of Study: Female



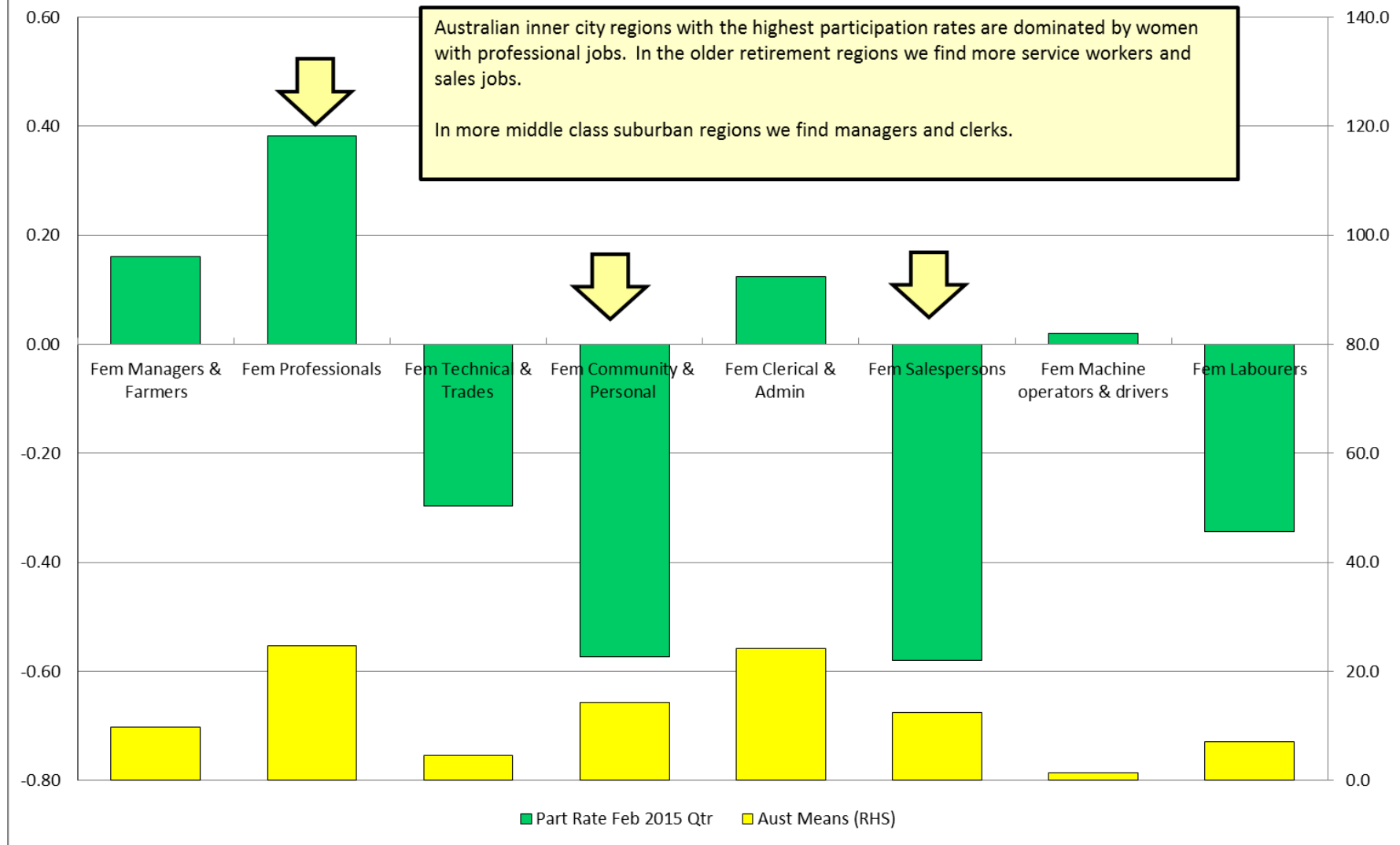


Participation Rates and Weekly Family Income

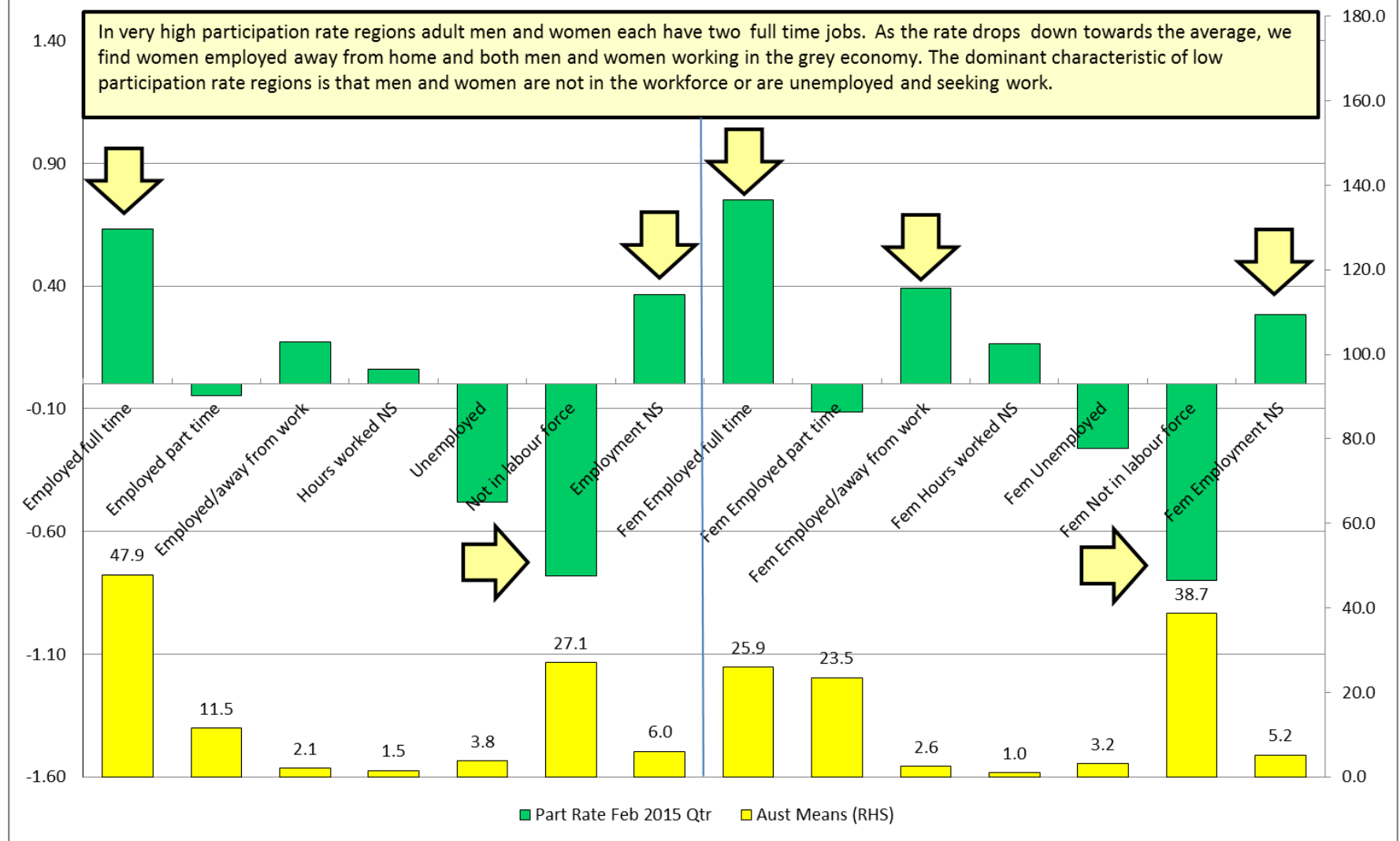




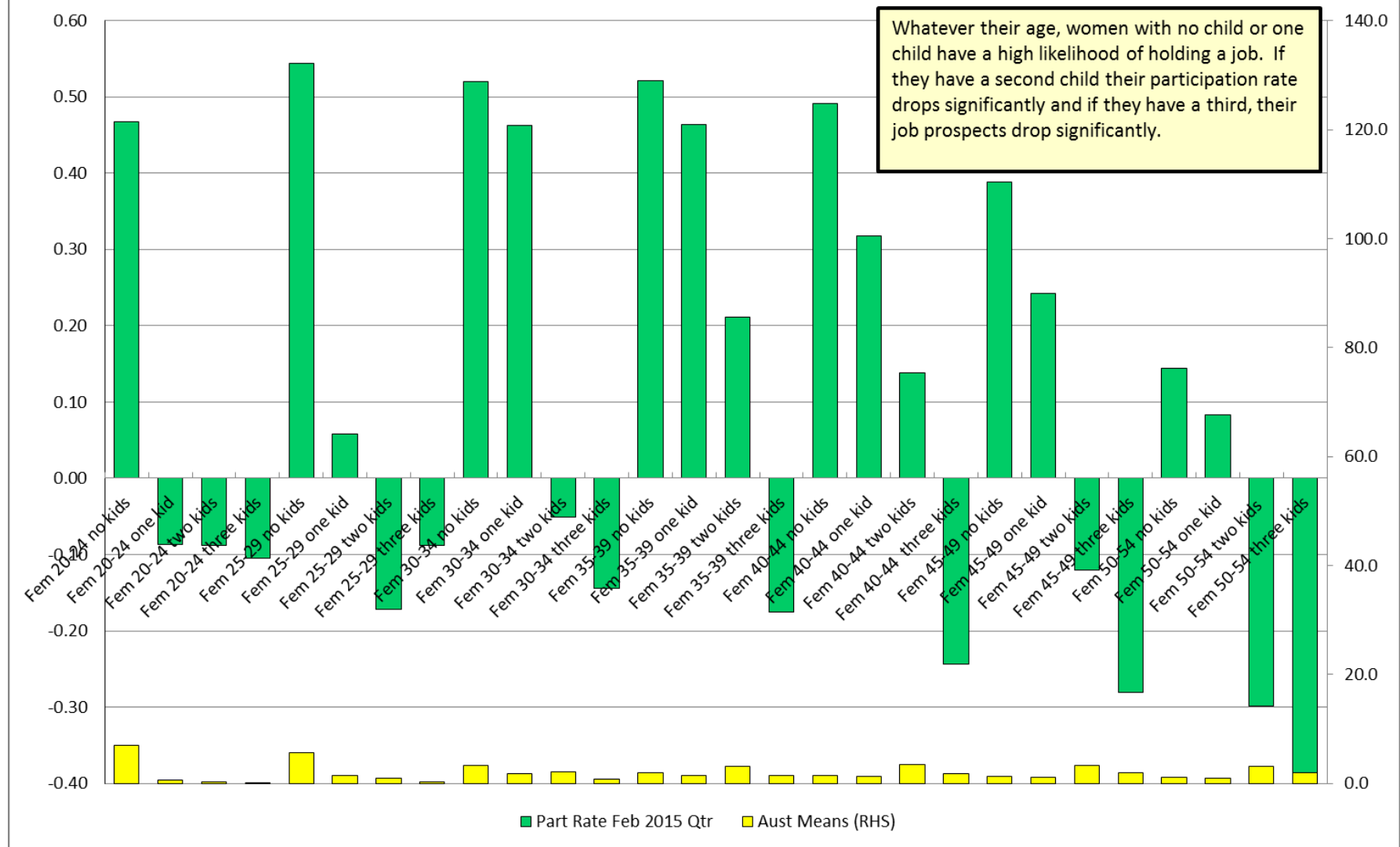
Participation Rates & Occupation Female



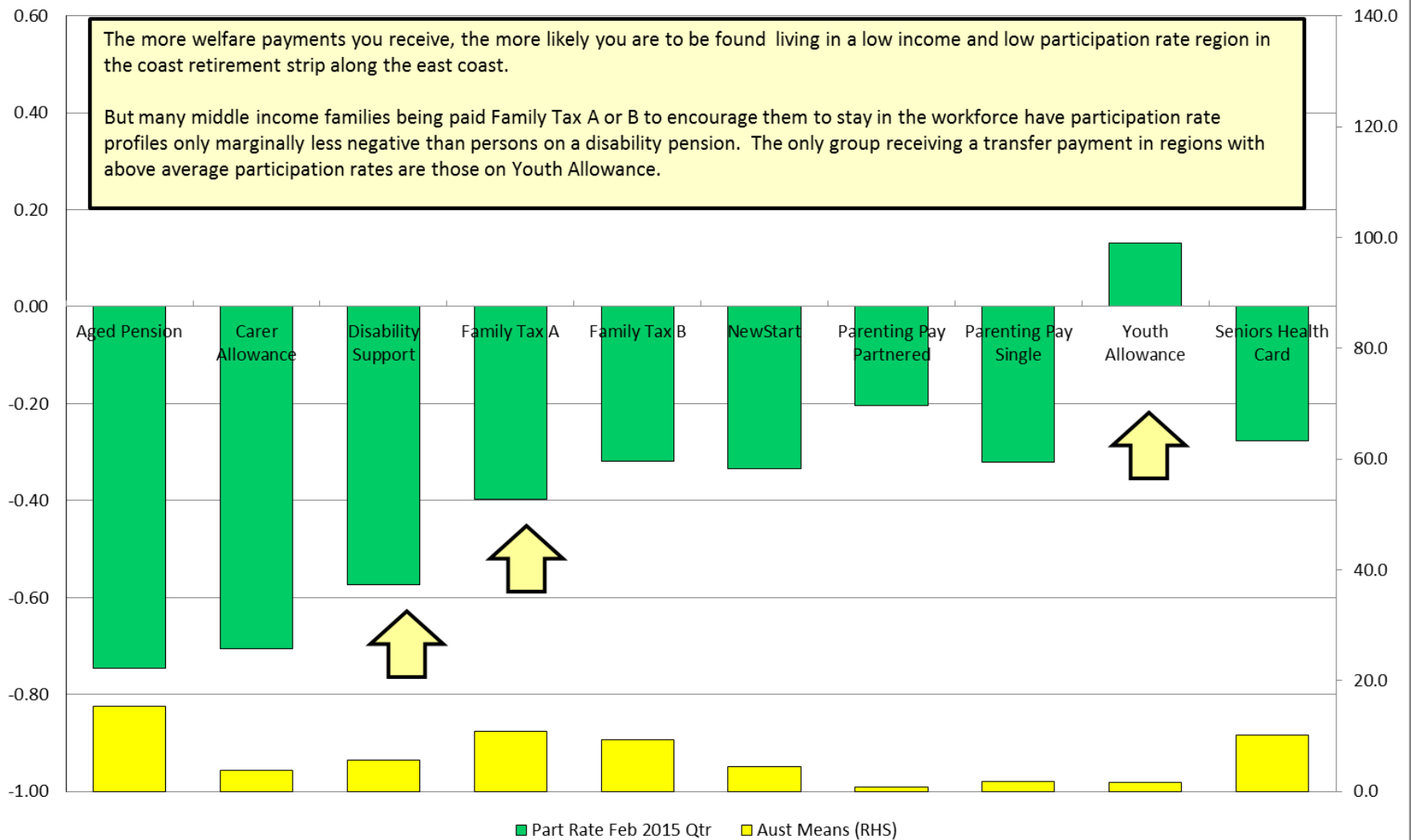
Participation Rates & Employment: Male & Female



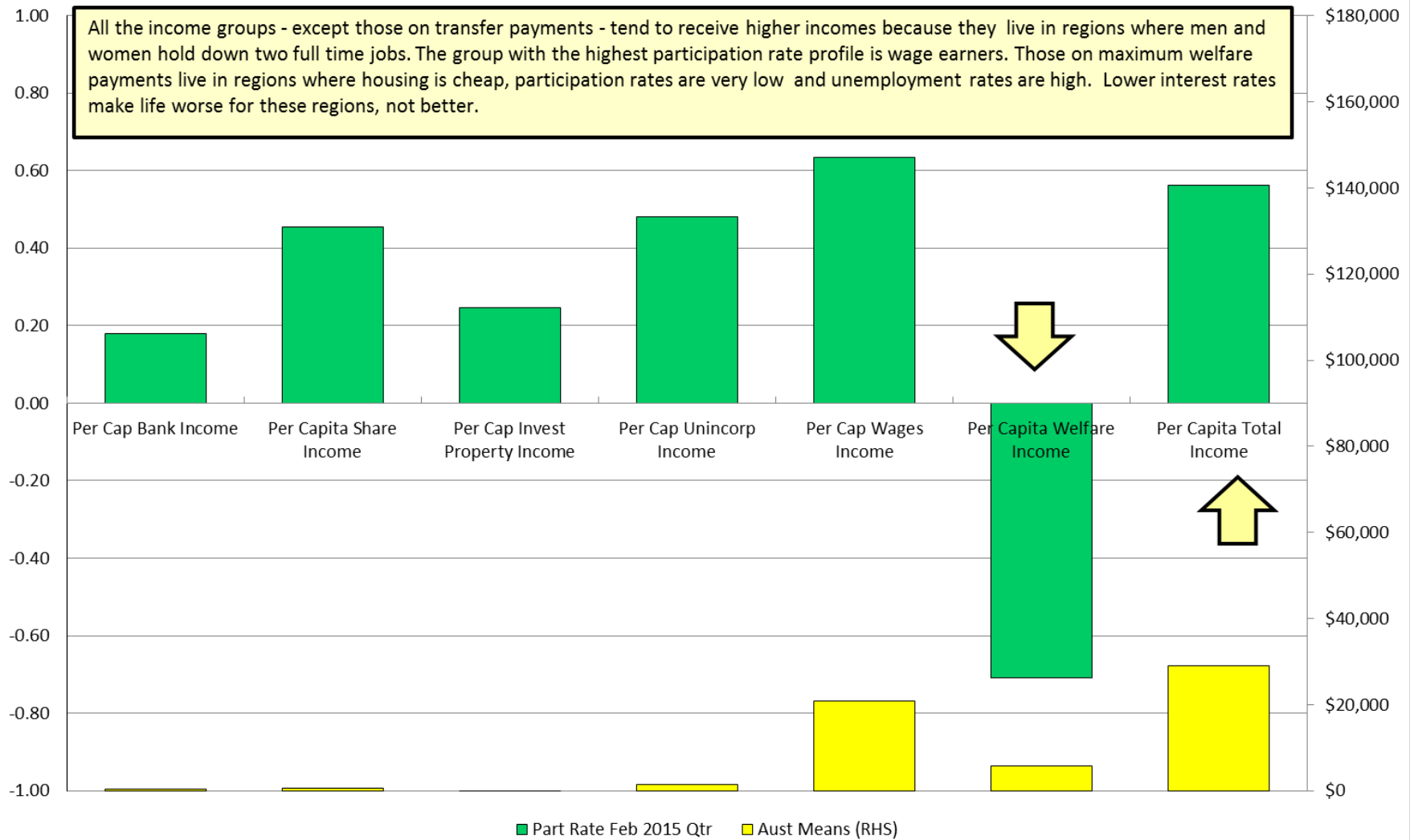
Participation Rates & Mothers and Children



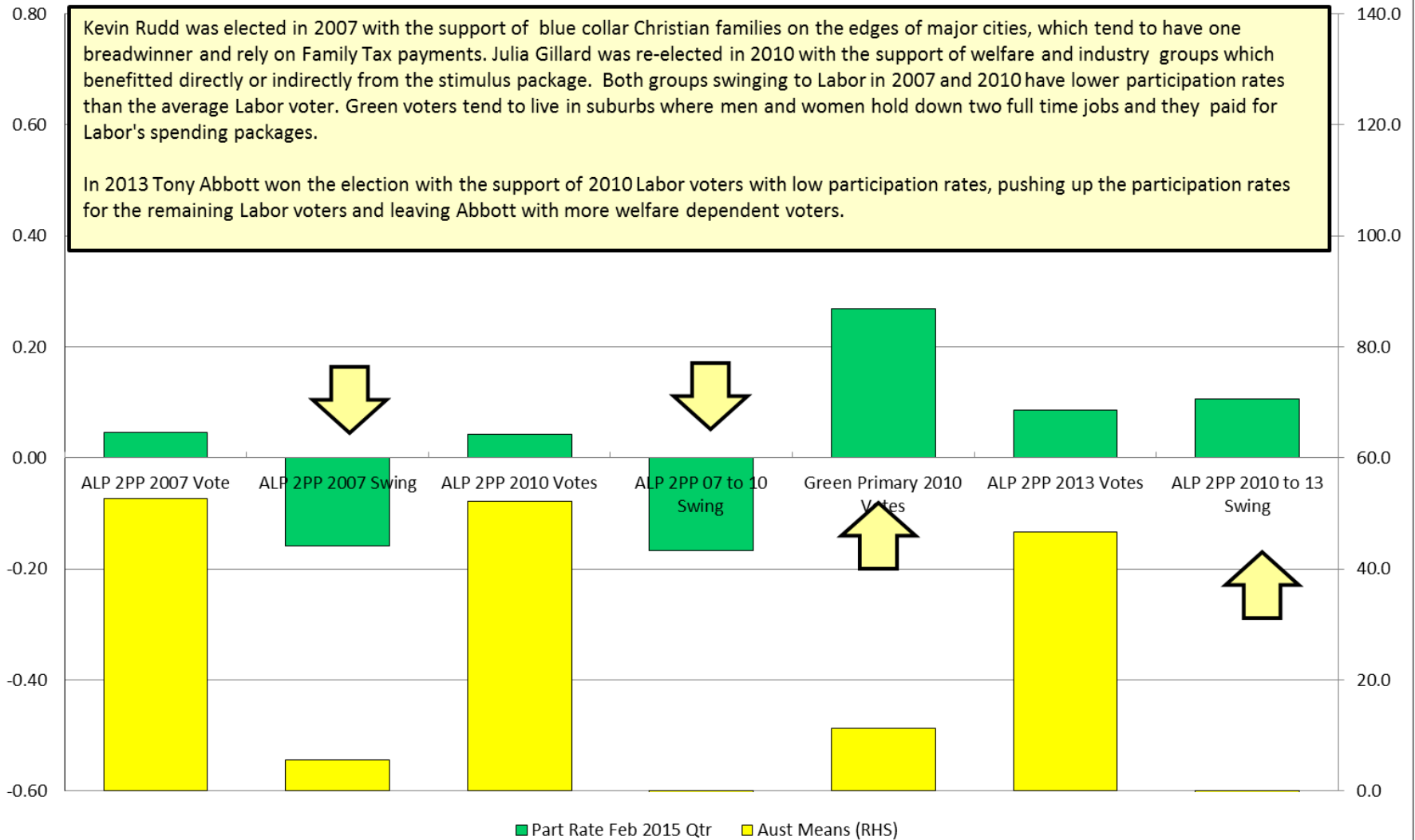
Participation Rates & Transfer Payments



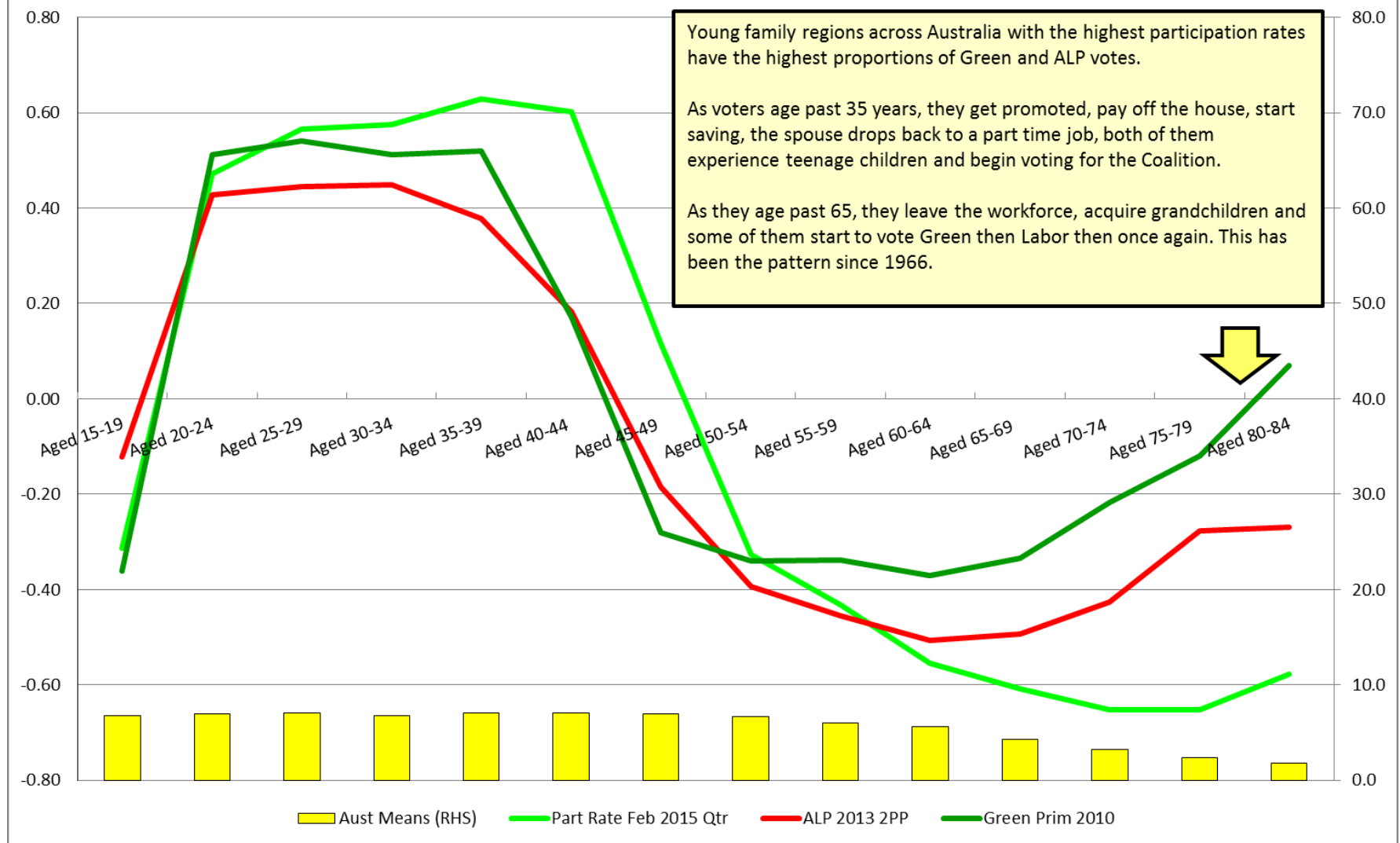
Participation Rates & Sources of Income



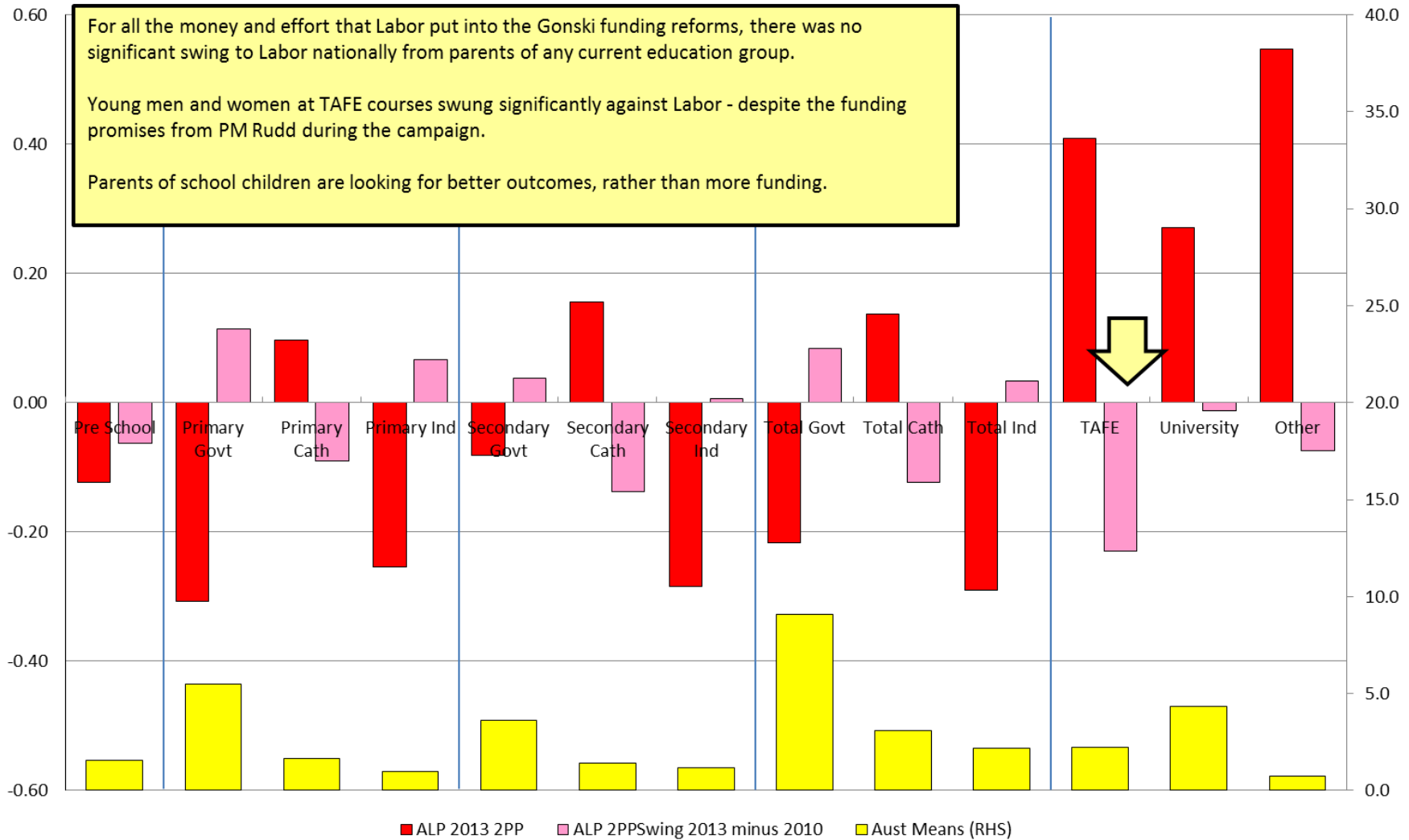
Participation Rates & Previous Votes



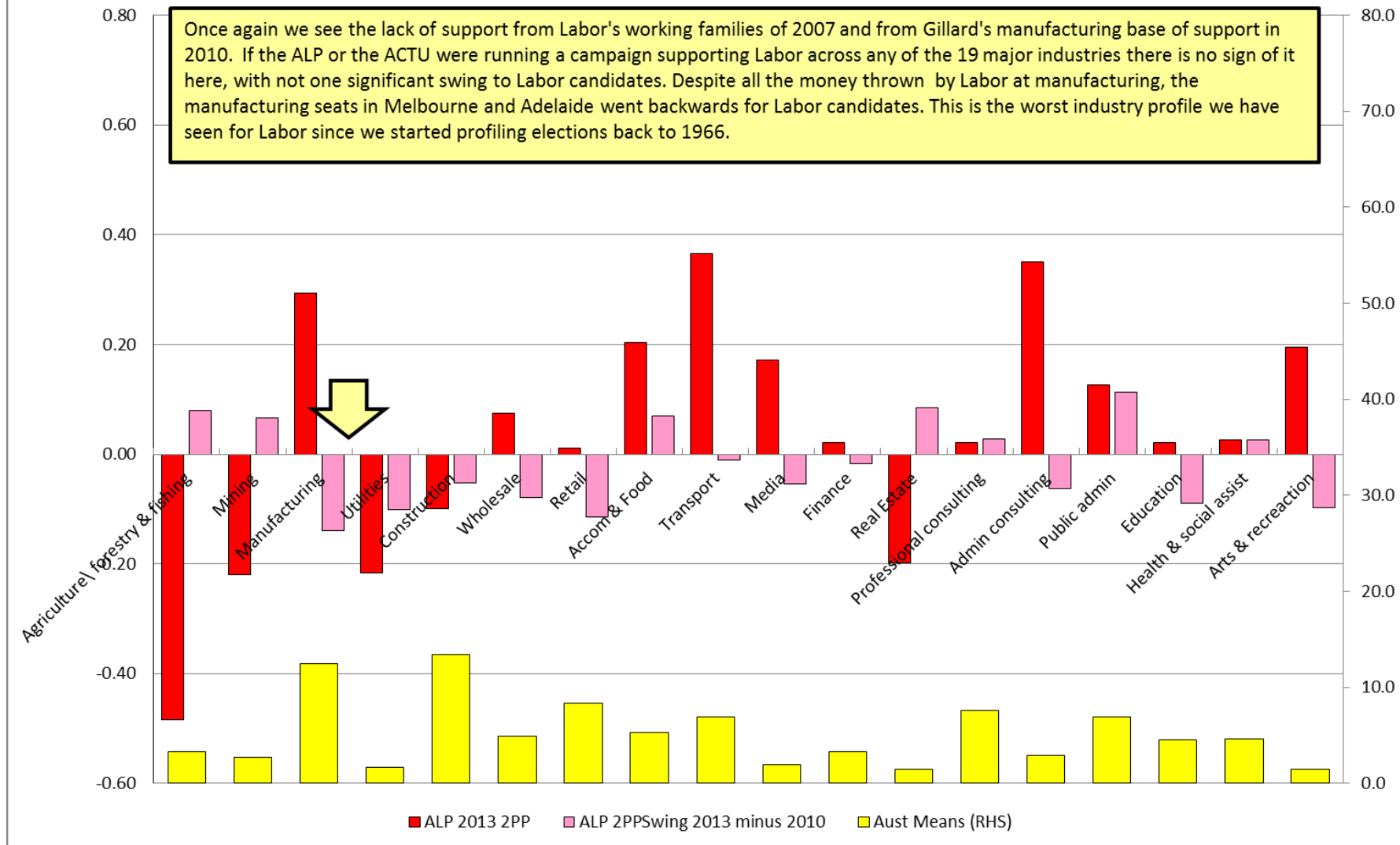
Participation Rates Feb 2015, ALP 2PP 2013 & Greens 2010



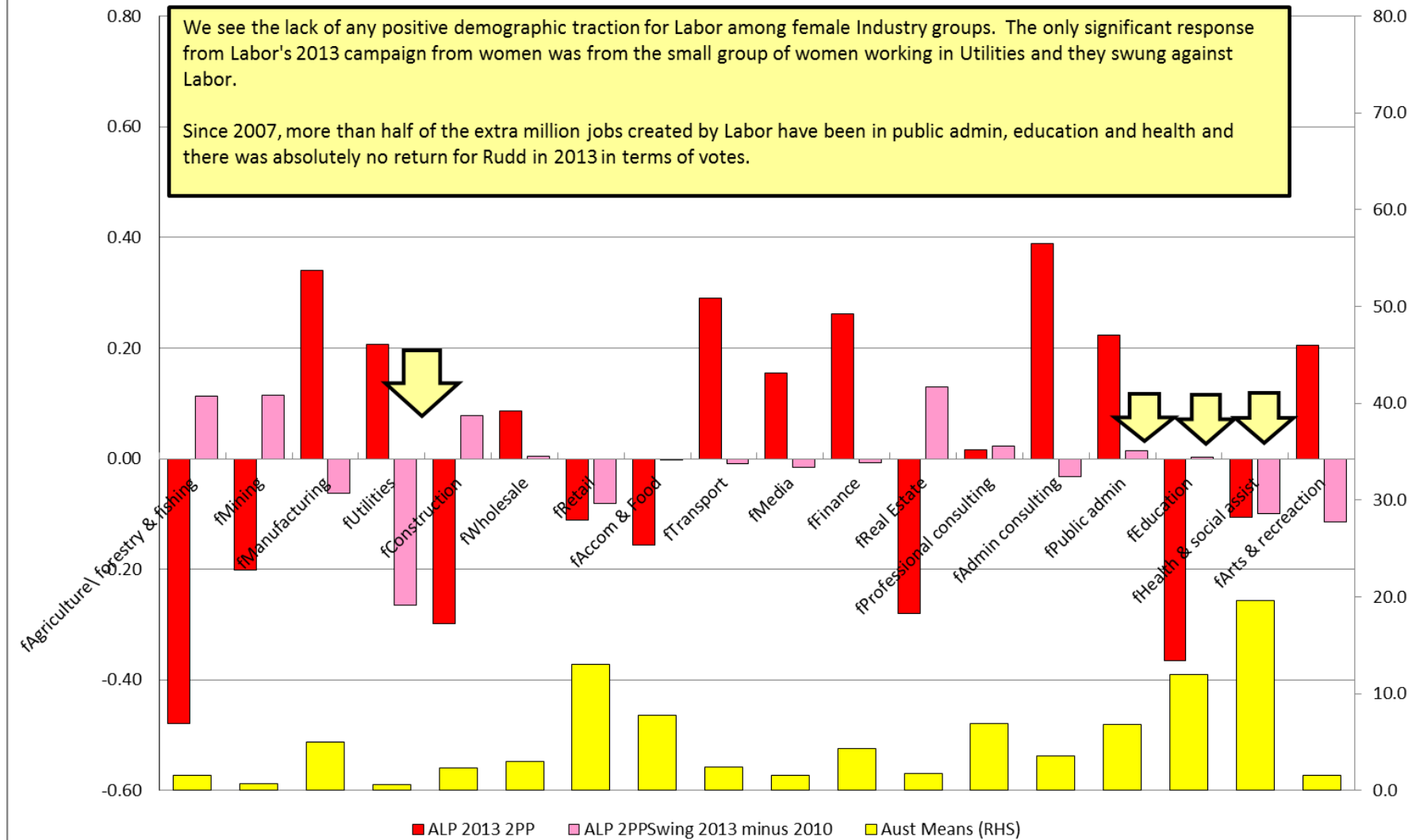
Current Education



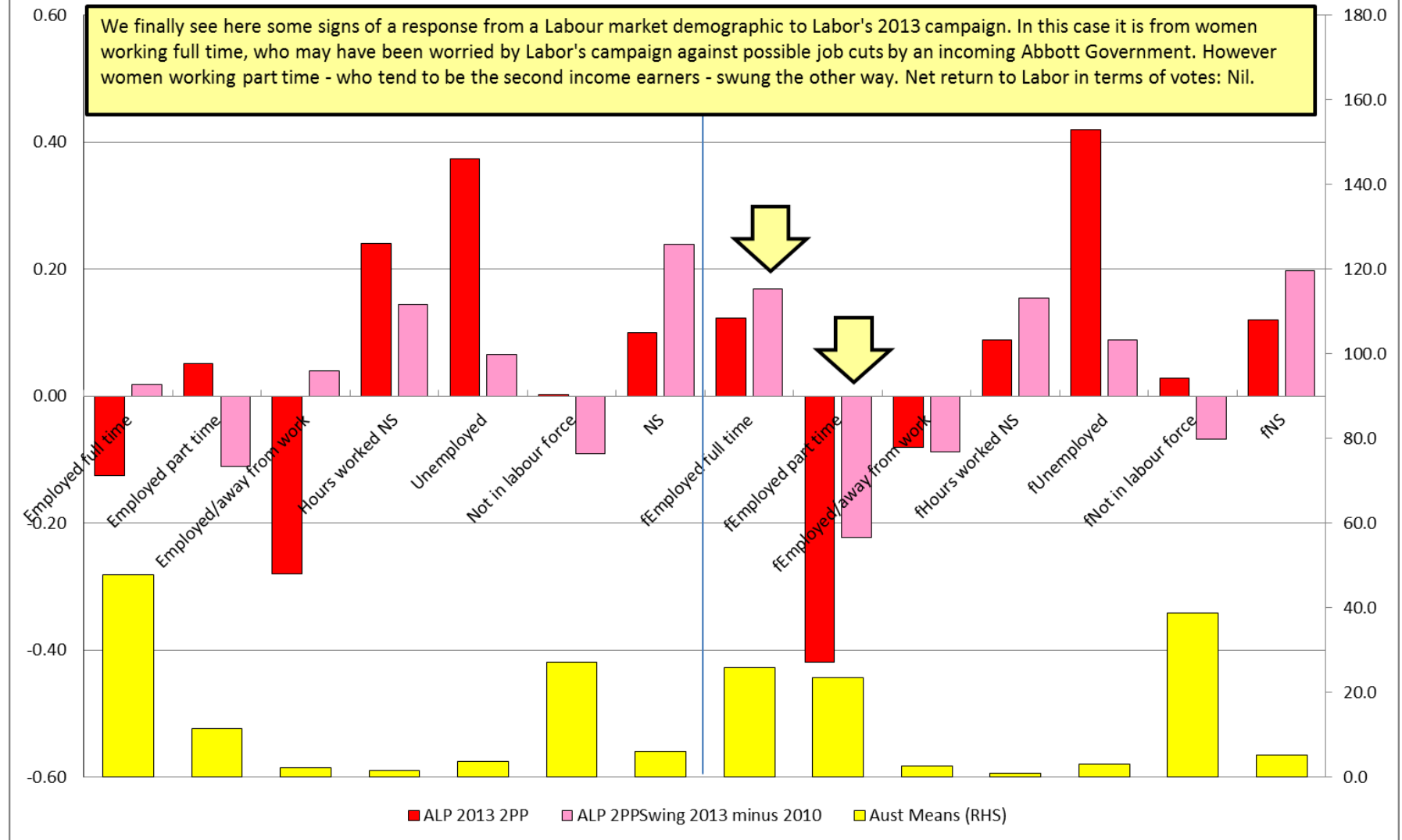
Industry Male



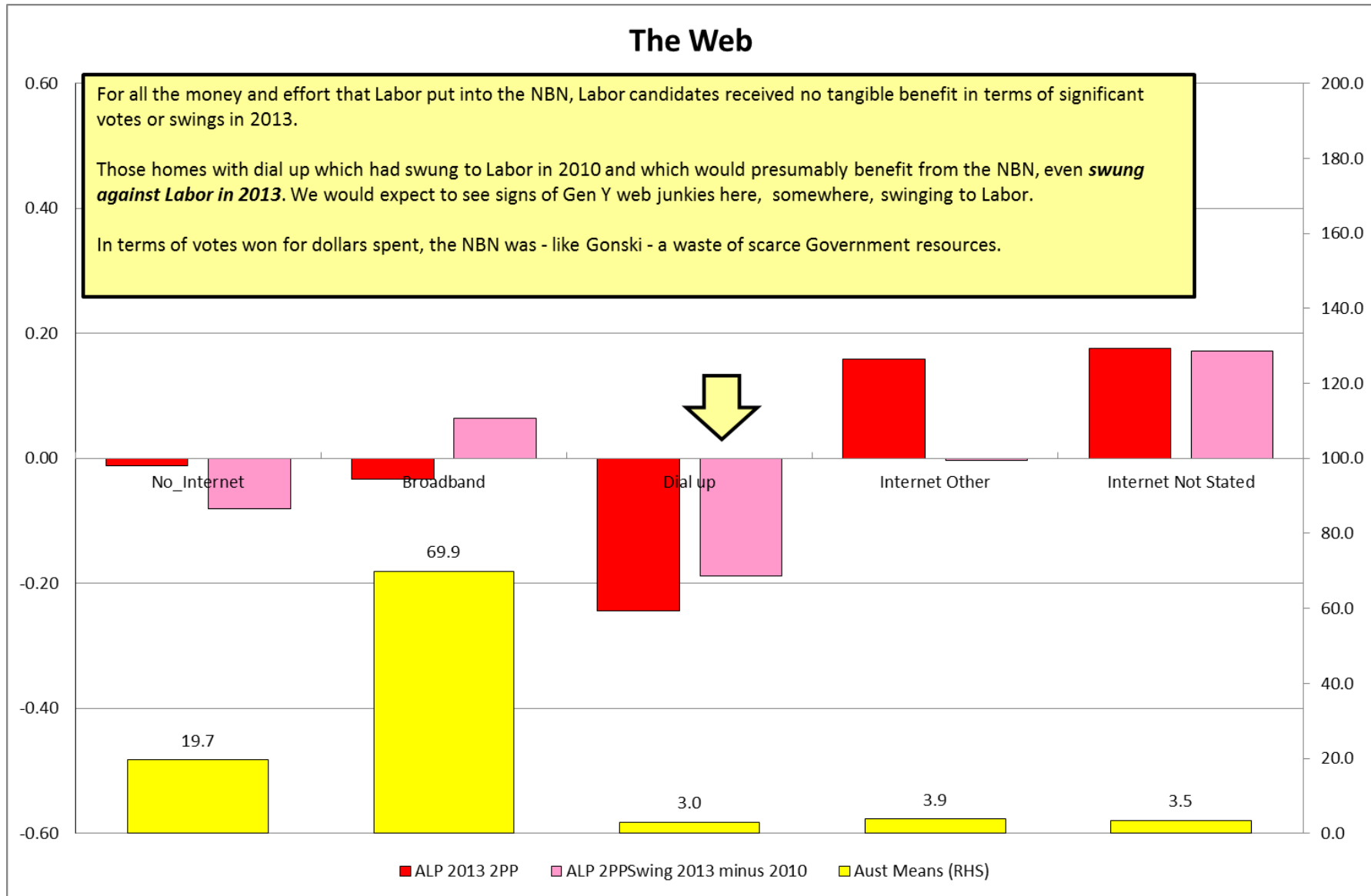
Industry Female



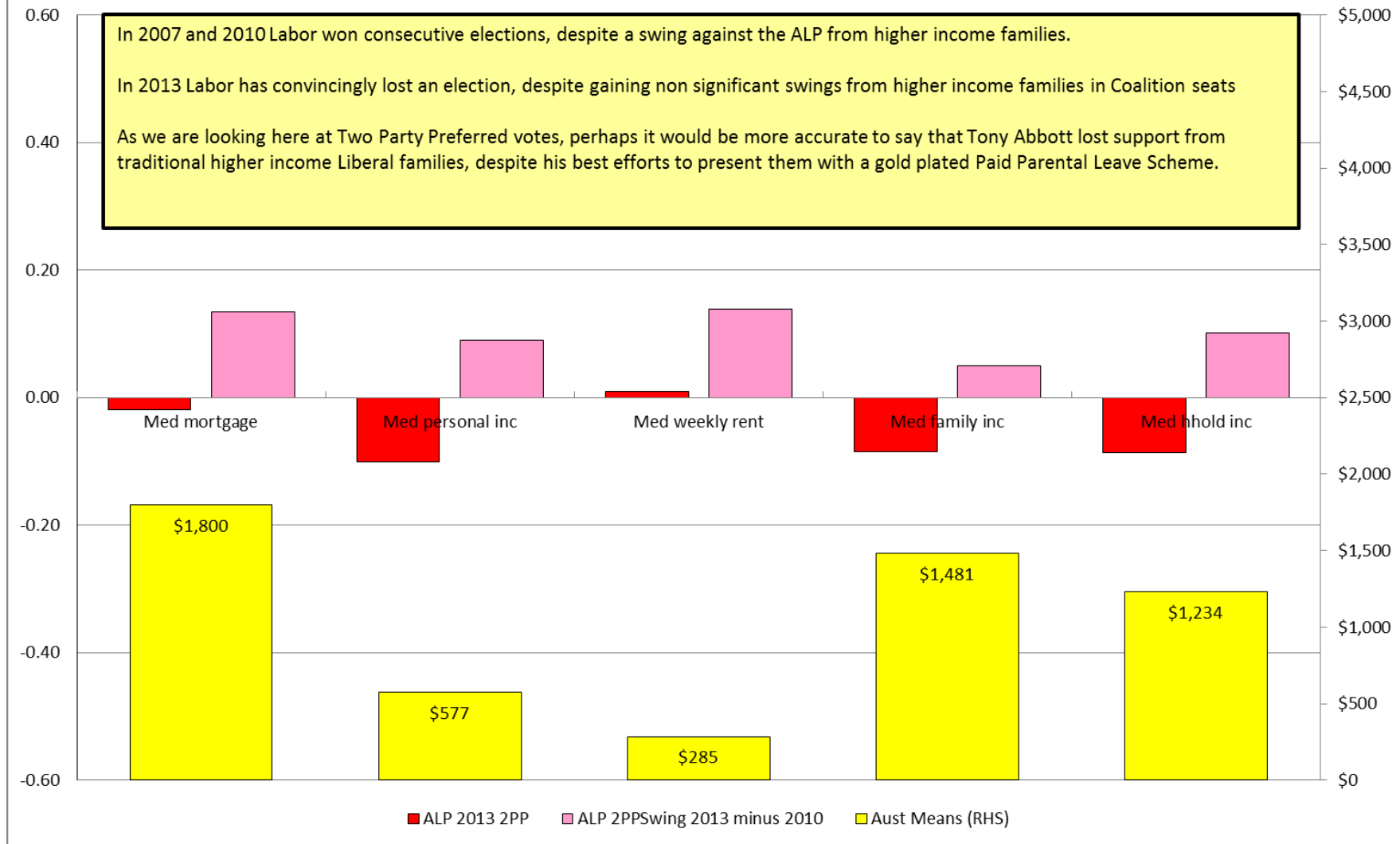
Employment: Male & Female



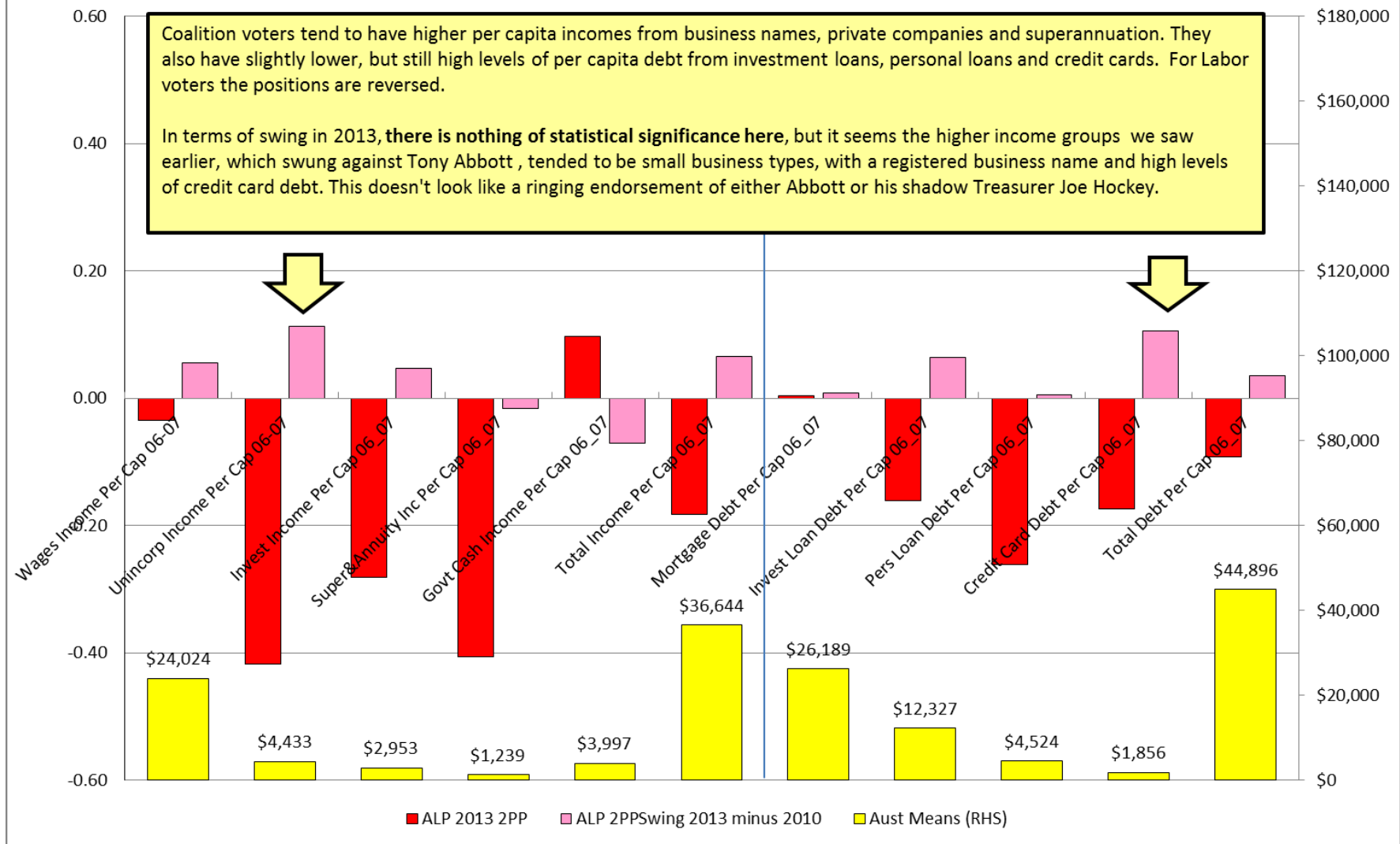
The Web



Family Budgets



Sources of Income & Debt



Commonwealth Transfer Payments



