A COMPARATIVE STUDY OF SEX SALARY DIFFERENTIALS FOR FULL-TIME WORKERS WITH A DEGREE IN SCIENCE OR ENGINEERING

A Thesis

by

RAYNA LYNN MCKINLEY

Submitted to the Office of Graduate Studies of
Texas A&M University
in partial fulfillment of the requirements for the degree of

MASTER OF SCIENCE

May 2010

Major Subject: Economics

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ABSTRACT

A Comparative Study of Sex Salary Differentials for Full-time Workers with a Degree in Science or Engineering. (May 2010)

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Chair of Advisory Committee: Dr. Manuelita Ureta

This thesis compares two datasets, the Science and Engineering Indicators 2006 (SEI) and the 1993 National Survey of College Graduates (NSCG), and looks at the impact of sex on full-time annual salary while controlling for different variables. The SEI provides a study based on data from 1999 about the sex effects on salary, adds controls, and records the changes in the effect of sex on salary. The SEI study finds after adding controls for worker heterogeneity and compensating wage differentials, women with bachelor's degrees earn 11.0% less, women with master's degrees earn 8.0% less, and women with doctoral degrees earn 8.4% less than their male counterparts. My analysis of the NSCG finds after adding controls, women with bachelor's degrees earn 18.5% less, women with master's degrees earn 18.7% less, and women with doctoral degrees earn 15.3% less than their male counterparts. Additionally, in the NSCG and the SEI the field of degree impacted the sex effects the most for bachelor's and master's degree holders. This research is useful to study the difference between these datasets from different time periods. Specifically, the difference in the sex wage gap and in the changing importance of certain variables affecting the sex wage gap.

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1. INTRODUCTION

A worker's output is compensated by wages. Theoretically, a person's wage or salary reflects his or her rate of productivity. Productivity is measured by looking at output per unit of input. The output is considered to be the good or service produced as a result of the worker's input. A worker's input is measured by time- typically an hour of labor is one unit of labor. If every worker was to produce the same output, there would be a flat rate of compensation where everyone earned the same. The only difference expected in total earnings would be the difference in hours worked.

However, this is obviously not the case for the world in which we live. First, there is the consideration that workers have different rates of productivity. This means that worker A may be able to produce 1 unit of output x in time t, while worker B produces 2 units of output x in time t. Both workers produced output x in t time but worker B produced more than worker A. If they are working under the same conditions it is important to understand why worker B was able to produce more than worker A. One consideration is that worker B has more skill which positively affects his or her rate of productivity.

Skill is a hard aspect to measure. There are many traits and characteristics specific to the worker and job that impact earnings and are important to consider. Some characteristics and traits discussed in this thesis include the education level and experience of the worker, the sex and age of the worker, and the worker's occupation.

This research looks at these characteristics and traits that impact differences in

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This thesis follows the style of *Journal of Labor Economics.*

earnings for male and female workers in the 1993 National Survey of College Graduates and compares results to the 1999 report found in the Science and Engineering Indicators 2006. By looking at an older dataset, I can see a difference in the sex wage gap and the changing importance of certain variables that affect the sex wage gap. Section 2 provides a review of research important to this project and explains possible sources of discrimination. Section 3 looks at data presented by the National Science Board in the Science and Engineering Indicators 2006 report. Section 4 explains the 1993 National Survey of College Graduates data set and the research method for this project. Section 5 looks at the results, the interesting points, and compares these results to the results from the SEI report. Finally, Section 6 gives the conclusions and possible areas of future research.

2. LITERATURE REVIEW

To get an idea about current research that has been conducted which impacts this topic, the following section reviews the existing literature. There are two aspects that are considered: differences among workers - worker heterogeneity - and differences among jobs - compensating wage differentials.

2.1 Worker heterogeneity

Human capital theory is the belief that a worker improves his or her skill through investment in human capital through some kind of education or experience. On the other hand, signaling theory is the belief that a more able worker will show his or her higher skill by choosing to obtain more education or training. Whether the worker has a predetermined ability which affects how much skill he or she can attain as thought of in signaling theory or the worker can increase his or her skill as thought of in human capital theory, it is an important aspect to consider when comparing rates of productivity. Going by either theory, a more able worker will have more education and training than those workers less able.

One type of education is schooling through institutions such as K-12 schools and universities. The level of education is generally categorized into less than high school diploma, high school diploma, some college, associate, bachelor's, some graduate, master's, and PhD. The more investment a worker makes in his or her education the higher level of education obtained. Dougherty 2005 looks at data to analyze why returns to schooling are higher for women than for men. He finds that there are high percentages of women working in professional occupations, where returns to schooling are rewarded and that there are low percentages of women among occupational categories such as manual workers where returns

to schooling are low. He also finds that the earnings for workers who have completed a bachelor's degree has a higher sex wage gap than workers who have a master's or PhD; the sex wage gap in earnings for workers with a master's is not significant; and that there is some significance in sex on earnings for workers who hold a PhD. Mulligan and Rubeinstein 2004 find that married women with advanced degrees have high and stable labor force participation. This makes sense from the perspective of opportunity cost, women with high-skills and advanced degrees typically earn a higher salary. This higher salary makes leisure time more costly. That, combined with a possible personal motivation to work encourages high participation rates of not only married women, but all workers with advanced degrees as well. Garcia-Aracil 2008 looks at how a worker's field of study affects his or her earnings and the sex wage gap. Garcia-Aracil 2008 finds that if a worker has a job related to his or her field of study that there is a positive influence on his or her salary. Women may be more likely to choose to work in fields which are not closely related to their field of study which would cause a difference of earnings depending on sex. Roksa 2005 finds that majors dominated by women are valued less than majors dominated by males. After controlling for major, women earn 32% less than men. However, this gap converges as more factors are considered but remains significant. This could be a result of difference in preferences in occupation. It is possible that women choose to study majors which are less valuable monetarily because of a high intrinsic value. Theoretically, a student attending college would select his or her major to maximize lifetime earnings depending on the student's comparative advantage, as pointed out in Freeman and Hirsch 2007. It is possible that women choose majors for different reasons than men. If a woman knows she wants to have children in the future she realizes this would require some amount of time out of the work

force for labor. If she knows time out of the labor force is more costly in one field than another, she may choose the field of study which does not have as high a cost of being out of the labor force, such as education or language which does not change quickly compared to computer science which does change quickly. Taylor 2007 finds that occupational preferences were different depending on degree level. He found that both male and female doctoral students were more likely to list academia as a preferred occupation field. However, if students choose their desired occupation before attending college, they know the level of education that occupation requires and may obtain more education if they need it. Most students entering college do not have a family yet. If students do have an occupation in mind before obtaining a degree, women may select occupations that do not require as much education but do minimize the cost of being out of the labor force in consideration of the necessary time that they need for labor, recovery, and possibly caring for young children. McDonald and Thornton 2007 analyzes the sex wage gap for initial salary offers for college graduates. They find that much of the difference in starting salary offers can be explained by differences in major. This is important because, as Loury 1997 shows, the sex composition of majors has been changing. Napari 2006 also shows that there are significant differences in the sex composition of majors and that university major has a significant impact on the sex wage gap. By including measures for different majors Napari 2006 finds that 30% of the sex wage gap can be explained. As policies have been implemented to encourage women into occupations of all sorts, it is possible that their choices concerning education are also changing.

Another type of education is employer training. This training can be job or industry specific. By having the opportunity to participate in specific training, workers can learn new

or different methods for improving productivity. This type of education can tie in with a workers experience. On-the-job training (OJT) is training that takes place during the time a worker is working in the physical environment of the job. Through demonstration, repetition, or by figuring out how to accomplish a task a worker will learn how to accomplish a task more quickly, thus improving his or her productivity. Evertsson 2004 finds that when controlling for industry, men receive more OJT than women. If men are receiving more training and are improving their productivity more, this would impact the sex wage gap. For this, it is important to know why men receive more OJT than women. If it is due to discriminatory practices, this would make an otherwise neutral control reflect discrimination. However, it is possible that women are more likely to opt out of training or to not request as much training.

Also, through labor force experience, workers' earnings tend to grow due to promotions or advancements in his or her career. These promotions and advancements are generally given to successful workers and could reflect increases in productivity. Whatever the case, earnings tend to be higher for workers who have been with one company for several years than workers who have been with one company for shorter amounts of time. Blau and Kahn 2006 find experience in the labor market to be an important factor. During the 1980s the sex pay gap converged significantly, although during the 1990s they found that the sex pay gap was converging at a slower rate. They looked at the labor force entrance rates and found there were a higher percentage of women entering the labor force in the 1980s. As these women gained labor force experience their salary reflected this change. However, Keaveny, Inderrieden, and Toumanoff 2007 find that men are compensated better than women for their experience and women are compensated better than men as the size of the

firm they work for increases. This could be a result if men choose to stay with one employer longer in order to develop skills and gain experience while women choose to develop skills and gain experience through changing employers. Fitzenberger and Kunze 2005 find a wage gap between men and women, but that this gap has decreased recently. They also find that this gap is the largest for the lower part of the wage distribution and that it increases with experience. If women choose to stay with low paying jobs for different reasons than men, this could explain this difference. For example, a woman may choose to keep a low paying job for job security she would not increase her earnings as much as a man who chooses to remain with a low paying job for possibilities of advancement within the organization, which is a reward on his experience.

There may also be worker traits associated with lower salaries which are not related to skill. As equality for people regardless of individual traits has become the norm, policy makers have noticed persisting wage disparities. By understanding what causes the differences, policy makers can act accordingly to improve equal opportunities for all. While this research focuses on possible sex discrimination, other traits are important to consider, such as age. For example, if age is not considered and a smaller sex wage gap exists for older women than younger women, then sex discrimination could be misestimated, affected by which group worked the most. Duncan and Loretto 2004 look at how age affects men and women's earning differently. Their data shows that women typically reach the top of their career at age 35 and that women experience more discrimination than men throughout their career. It is possible that women change preferences around 35 years old which affect their careers. It would be interesting to see how age affects cohorts differently as they age, to see if there were actually different measures to determine earnings for different cohorts. In fact,

O'Neill and Polachek 1993 found that women in recent cohorts earned higher returns to years of work experience. Younger cohorts of women may have different preferences than older women which lead to higher returns to years of work experience. Another aspect to consider regarding age is if there are differences between younger and older workers and their intention to leave their job. Kidd and Green 2006 look at the careers of research scientists and find that older men on open-ended contracts in the higher end of salary compensation are less likely to leave their position. Generally, they also find that age negatively impacts a worker's intention to quit. It is possible that women reach this age which affects her intentions to quit at an earlier age and thus she stops making choices that would increase her earnings sooner than men who reach this age which affects his intentions to quit later in his career.

2.2 Compensating wage differentials

There are other things to consider that affect salary, but not necessarily a worker's productivity. These include differences which describe characteristics of a job. These other controls are important to consider because if women are more likely to choose a characteristic than men, then the affect of sex on salary could be over or under estimated if not properly controlled for.

One important job characteristic to consider is the occupation of the job. Some occupations earn higher salaries than others. By not considering this characteristic, if women are more likely to choose a lower earning occupation than their male counterparts, there could be an overestimation of the sex bias. Macpherson and Hirsch 1995 and Reid 1998 find that occupations with a higher percentage of women pay less. Macpherson and Hirsch 1995 also show that as the percentage of women in an occupation increases the compensation

decreases. They find that controlling for skill-related occupations lowers the sex composition effects and that 66 percent of the sex composition is due to differences in characteristics and other effects such as the worker's productivity rate or differences in reasons for choosing his or her occupation. Goldberg, Finkelstein, Perry and Konrad 2004 found that men in occupations dominated by women, or known for being "women's" jobs, earned higher salaries than men in male jobs or women in male or female jobs. This could be because men who choose to work in a female dominated job may have more skill and thus earn more. Alksnis, Desmarais and Curtis 2008 find that there are differences in pay for the same job depending on if the job is in the "male" domain or the "female" domain. This could be because of unseen differences in the domains which require different abilities. For example, a secretary at a school may need a different set of skills from a secretary at a lawyer's office. Garcia-Aracil 2008 suggests that the sex wage gap is influenced by the percentage of women within particular fields and by women specializing in discipline subfields which are not valued as highly. Women may choose to specialize in things for different reasons than men. For example, if women value job security more than men they may select a specialization which provides this but not opportunities for advancement; however, if men value opportunities for promotion they may select a specialization which offers more opportunities for advancement. Fitzenberger and Kunze 2005 found data supporting that women with low-skills benefit more by working in a female-dominated occupation while women with high-skills benefit more by working in a male-dominated occupation. This could be because women who choose to work in a low-skill occupation do not have the same abilities of men who choose to work in a low-skill occupation and women would not be as successful in jobs dominated by men in low-skill occupations. Dolado,

Felgueroso, and Jimeno 2003 also find some support that women earn less than men as the sex composition shifts to a higher proportion of women. Women could choose to accept a lower offer than men for the opportunity to enter a male dominated occupation so that she can at least have the job and then prove her ability to perform well. Joy 2003 finds differences in occupational choice to be important with women preferring to enter clerical, health, and teaching occupations. Kunze 2005 finds that sector choices differ significantly for men and women. Both find that women are more likely to work in service occupations while men are more likely to work in technical occupations. These differences affect not only salaries but the development of skills. Since service occupations require less technical skills, these occupations offer smaller lifetime wage growth.

Another job characteristic to consider is the geographic region. Salaries in a city are generally higher than salaries in rural areas to make up for the higher cost of living. Also, it is possible that employers in a city have more resources and are able to be more productive than employers in rural areas. Blau and Kahn 2006 found that the sex wage gap is associated with location of employment. For some industries, access to unskilled labor is an important consideration for facility location. Devereux, Griffith and Simpson 2004 found this to be especially true for the textile and apparel industries in the UK. If some areas have a higher percentage of unskilled women, this industry concentration could affect their wages. Another aspect to consider about geographic location is the industry concentration for certain occupations. When an area is known for a specialized occupation, workers in that occupation earn more in that geographic area than they would in an area where there is not much demand for workers in their occupation.

An additional job characteristic to consider is whether the institution is public or private or for profit or non-profit. Gibelman 2003 finds that there is a smaller sex wage gap in state and local government occupations in the social services sector. Roksa 2005 sees that women and certain majors are more likely to work in the public and nonprofit sectors. If women are more likely to choose to work in public institutions, and if the public institutions have lower level of compensation, women could be seen as earning less than men who are more likely to work in a higher paying private institution. Taylor 2007 finds that female students studying science or engineering were more likely than men to view nonprofits as a preferable workplace. For men, Taylor 2007 finds that they would rather work in a corporation. These differences in preferences of institution could lead to differences in earnings if nonprofits or corporation have different levels of compensation. Panizza and Qiang 2005 look at the public-private wage differential and sex wage gap in Latin America. They find that there is a benefit of working in the public sector which is usually higher for women than men. The model used assumes that immeasurable differences in productivity for men and women is the same in the public and private sectors and this could support the conclusion that discrimination does exist and that the laws present in the public sector for salary successfully reduces this discrimination.

3. SCIENCE AND ENGINEERING INDICATORS 2006

This section looks at the National Science Board's Science and Engineering Indicators 2006 publication (SEI). This report was prepared by the National Science Foundation's Division of Science Resources Statistics which uses simple, understandable statistical tools. The SEI report gathers quantitative data of indicators from national and international science and engineering enterprises. These indicators provide a policy neutral summary of the state of the science and engineering sector. Their data shows that there has been a change in the sex composition of science and engineering occupations. In 2000, women accounted for half of the graduates receiving degrees in science and engineering. Their growing representation in this field makes it interesting to look at how the labor market responds. By looking at raw data it appears that there is a large difference between men's and women's earnings. However, due to differences between the men and women much of this difference can be explained. Through studying these differences, policies can be designed to improve or to retain equality in ways that do not show discrimination.

3.1 Controls

The SEI report controls for level of degree, age, years since degree, work experience, fields of degree, occupation, and employer characteristics. The employer characteristics include academic, nonprofit, private, and public workplaces, relation of work performed to degree, working in science and engineering or research and development, employer size, and the geographic region. Noted in this study is that factors can cause different affects depending on degree level. For example, it is more common for bachelor's or master's degree holders to be employed in the public for-profit sector than another sector. Likewise

for doctoral degree holders a major choice of employment is doing research in academia as a tenure-track position or in a postdoc position. However, because of differing university classifications a postdoc position is libel to be self reported in various sectors. With the increase of women in the science and engineering sector, women now account for 30% of the workforce in academia, 28% of which is full-time faculty.

The different controls used take into account differences in characteristics which either affect or are correlated with earnings. Recent measures have been taken across the nation to attract women to study fields in science and engineering. Age and years since degree take into account the average younger age of women working in science and engineering fields and reduce the salary differences significantly for all degree levels, although most significantly for bachelor's degree holders and doctoral degree holders. Field of degree has a large impact on salaries for all levels of degree holders, primarily due to the tendency for women to pursue social and life sciences as opposed to engineering and computer sciences, which are higher paying. Women graduating with science and engineering degrees in 2000 made up 78% of degrees awarded in psychology, 59% of degrees awarded in biological/agricultural sciences, 55% of degrees awarded in social sciences, and 47% of degrees awarded in mathematics. On the other hand women graduating with science and engineering degrees only made up 21% of degrees awarded in engineering, 27% of degrees awarded in computer sciences, and 43% of degrees awarded in physical sciences. Controlling for occupation and employer effects also reduces the wage differential, suggesting that there are differences in choice of employment between men and women for whatever reason.

3.2 Results

For each degree level, bachelor's, master's, and doctoral, there are regression measures for different variables. By adding variables the difference in earnings changes and is reported. By looking only at sex, women compared to men with bachelor's degrees earn 35.1% less, with master's degrees earn 28.9% less, and with doctoral degrees earn 25.8% less. Adding controls for age and years since degree, female bachelor's degree holders earn 27.2% less, female master's degree holders earn 25.5% less, and female doctoral degree holders earn 16.7% less compared to their male counterparts. Adding a control for the field of degree, female bachelor's degree holders earn 14% less, female master's degree holders earn 9.6% less, and female doctoral degree holders earn 10.3% less compared to their male counterparts. Adding controls for occupation and employer characteristics, female bachelor's degree holders earn 11% less, female master's degree holders earn 8% less, and female doctoral degree holders earn 8.4% less compared to their male counterparts.

The following table (Table 1) shows SEI's data results for 1999 that gives estimations for salary differentials by sex for people holding degrees in science and engineering using individual characteristics.

Table 1 – Sex Salary Differentials from Science and Engineering Indicators 2006

	Degree		
Variable	**Bachelor's**	**Master's**	**Doctoral**
Female versus male	-35.1	-28.9	-25.8
+ Age and years since degree	-27.2	-25.5	-16.7
+ Field of degree	-14.0	-9.6	-10.3
+ Occupation and employer characteristics	-11.0	-8.0	-8.4

Linear regressions on ln(full-time annual salary) for p = 0.05
Source: National Science Foundation, Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT) (1999), http://sestat.nsf.gov

4. 1993 NATIONAL SURVEY OF COLLEGE GRADUATES

This project will replicate the research conducted in the SEI report using the 1993 National Survey of College Graduates (NSCG) data set. I expect some differences since the data from the SEI and NSCG study different years. It is important to note the changes in the market over this time period. In the report presented by SEI there have been three prominent trends noted since 1990. First, there was a large increase in the degrees awarded in the areas of social sciences and psychology. Second, there was a steady rise in degrees awarded in the life sciences followed by a decline. Third, there was a large increase awarded in computer sciences starting in the late 1990's. Additionally, there have been changes in the sex composition of academic positions with an increasing representation of women.

4.1 About the survey

The data set used in this project is the 1993 National Survey of College Graduates (NSCG). The questionnaire was designed and disseminated by the Bureau of the Census. A sample of people was selected from the 1990 Decennial Census Long Form sample, so the population sampled consists of those whom lived in the United States or abroad as US military personnel on April 1, 1990. The questionnaire refers to a specific week, April 15, 1993. As criteria, those surveyed reported at least a bachelor's degree in the 1990 Decennial Census Long Form and were less than 72 years old. The NSCG selected a random sample of 214,643 people out of the Decennial Census Long sample of 4,728,000 people who met the criteria of degree level and age. Initially, 78% of the sample responded to the NSCG questionnaire, providing 148,932 responses. The NSCG met an 80% follow-up response rate through mail, telephone, and in-person interviews.

4.2 About the data set

The survey is split into four different parts. Part A asks about employment status during the reference week of April 15, 1993, Part B asks about past employment, Part C asks about other work-related information, and Part D asks about background information. Job and education codes are provided for respondents to self-report their area of study and work. Job codes are split by broad categories and then by more specific categories when the area is of particular interest to the study (being in the realm of science and engineering). Likewise, the education codes are split first by a broad category and then into more specific categories for areas of interest. For both sections there is a choice if the respondent's job or major is not listed.

This survey is of particular use for this project because the questionnaire used is provided with the data results. This allows a third party to more appropriately analyze the data and understand possible inconsistencies in the data results. Questions that could be leading or confusing can be observed and, if necessary, those results can be withheld from the analysis to avoid compromised results. By using an older dataset we can study the changes in both the sex wage gap and the importance of variables affecting the sex wage gap.

4.3 Method

I use variables from the NSCG which best match up with the variables from the SEI. For the degree level I use the variable ED6C1 which allows the choice of degree level held; of interest is: bachelor's, master's, and doctoral. For bachelor's degree holders there are 27,480 observations; for master's degree holders there are 10,100 observations; and for doctoral degree holders there are 2,292 observations. Also, I drop the responses which

indicate the person was not working full-time during the reference time of the survey by looking at the response to variable EA7; this includes 79,614 responses. Like the SEI, I want to regress the variables on the natural log of full-time annual salary. To do this we generate a variable, LOGINCOME equal to ln(INCOME1), the natural log of the reported salary. Since I already dropped those that were not working full-time this new variable is the natural log of full-time salary.

For the sex control, I use the survey variable sex, which records 1 for male and 2 for female, to generate the variable SEX, 0 for male and 1 for female. For the age control I use the variable AGE, which presents the respondent's age. For the years since degree control I use the variable ED6B1YR. This variable reports the year the most recent degree was awarded, to figure the years since the degree was awarded I subtract the year from the reference year, 1993, and name a new variable as ED6B1YR2. The ED6D1_2 variable gives the self reported degree field for the most recent degree earned. I compare the list of degree fields in the NSCG survey and drop those responses which do not have a science and engineering degree as set by the National Science Foundation; this includes 86,458 observations. For the occupation control I use the variable which gives the self reported field of work, EA15. I use xi command in STATA to expand these categorical variables into indicator variable sets. For the employer characteristics control I use different variables such as: EA11 for academic; EA13 for nonprofit, private, and public workplaces; EA19 for relation of work performed to degree; however, there were no questions addressing employer size or geographic region.

This project follows the pattern from the SEI adding variables to study how the sex salary differentials change depending on the degree level of the worker's most recently

earned degree: bachelor's, master's, or doctoral. After partitioning the data by degree I run four regressions, adding variables and recording the change in the sex effect to the annual salary at p=0.05. First, I regress annual salary by sex. Following this, I add the following variables: age and years since the degree was earned; field of degree; and occupation and employer characteristics. In this way I can compare my results with the results in the SEI. I use STATA as the statistical analysis software, version 10.1. A log of the process can be found in the Appendix. My formulas look like the following:

i. $LOGINCOME = \beta_0 + \beta_1 SEX$

ii. $LOGINCOME = \beta_0 + \beta_1 SEX + \beta_2 AGE + \beta_3 ED6B1YR2$

iii. $LOGINCOME = \beta_0 + \beta_1 SEX + \beta_2 AGE + \beta_3 ED6B1YR2 + \beta_4 ED6D1\_2$

iv. $LOGINCOME = \beta_0 + \beta_1 SEX + \beta_2 AGE + \beta_3 ED6B1YR2 + \beta_4 ED6D1\_2 + \beta_5 EA15 + \beta_6 EA11 + \beta_7 EA13 + \beta_8 EA19$

5. RESULTS

5.1 Expected results

The expectations for this work are based on the trends noted in the SEI. Since the NSCG is from 1993 while the SEI is from 1999 I expect to see the trends affect the data over time. With the increase of degrees awarded in computer sciences, social sciences and psychology, there are a higher proportion of younger workers in the SEI. For younger workers there is, perhaps, more emphasis placed on the degree level awarded and the field of the degree, as they have not had as much time to gain work experience. With the increase and then decrease of degrees awarded in life sciences, workers are more likely to be younger in the NSCG; by the time of the SEI workers are more likely to have a few years of experience. This means, for those with degrees in life sciences, more emphasis is placed on degree and field of degree in the NSCG while for the SEI more emphasis is placed on occupation and employer characteristics. Also noted in research, occupations with a higher proportion of women earn less on average. The sex composition changes in academic positions could be affected by this more in the SEI than the NSCG.

5.2 Results

In order to compare results to the SEI, the following table (Table 2) is modeled after the table in the SEI. However, this table shows the results from the NSCG dataset for the effects of sex on salary differentials for full-time workers holding degrees in science and engineering.

Table 2 - Results of Sex Salary Differentials

Variable	Degree		
	Bachelor's	**Master's**	**Doctoral**
Female versus male	-45.4	-43.8	-40.4
+ Age and years since degree	-39.4	-38.3	-23.5
+ Field of degree	-25.8	-21.1	-16.4
+ Occupation and employer characteristics	-18.5	-18.7	-15.3

After running a linear regression on the natural log of annual full-time salary for those holding degrees in science and engineering fields I find the following results. Only considering sex, women compared to men with bachelor's degrees earn 45.4% less, with master's degrees earn 43.8% less, and with doctoral degrees earn 40.4% less. Additionally controlling for age and years since degree, women compared to men with bachelor's degrees earn 39.4% less, with master's degrees earn 38.3% less, and with doctoral degrees earn 23.5% less. Adding a control for the field of degree, women compared to men with bachelor's degrees earn 25.8% less, with master's degrees earn 21.1% less, and with doctoral degrees earn 16.4% less. Adding controls for occupation and employer characteristics, women compared to men with bachelor's degrees earn 18.5% less, with master's degrees earn 18.7% less, and with doctoral degrees earn 15.3% less.

5.3 Outcome of expected results

The three trends that I expect to affect the data that would impact the results are: an increase in computer science, social science, and psychology degrees; increase and then decrease in degrees awarded in life sciences; and the changes in sex composition in academia.

I expect that with the increase of degrees awarded in computer sciences, social sciences and psychology, that there will be a higher proportion of younger workers in the SEI. For younger workers there might be more emphasis placed on the degree level awarded and the field of the degree, as they have not had as much time to gain work experience. For workers with bachelor's degrees, the SEI controls for age and years since the degree was earned impacts the sex effects more than controlling for these things in the NSCG. However for master's and doctoral degree holders, controlling for age and years since degree impacts the sex effects more in the NSCG than the SEI. However, these results include workers with degrees in life sciences which could have a different impact.

The second trend was an increase and then decrease of degrees awarded in life sciences. Because the data for the SEI is newer, workers are more likely to have a few years of experience due to a decrease in entrants. This means that for life sciences I expect more emphasis is placed on when the degree was earned and field of degree in the NSCG; while for the SEI, I expect more emphasis is placed on occupation and employer characteristics. In fact, I find that the field of degree impacted the effect of sex more in the NSCG. Also, age and the years since the degree was earned impacted the effect of sex more for master's and doctoral degree holders in the NSCG. On the other hand, age and the years since the degree was earned had more impact on the sex effects in the SEI for those with bachelor's degrees. I also find that controlling for occupation in the NSCG has more impact to the sex effect than in the SEI for bachelor's and master's degree holders.

The third trend was a sex composition change in academic positions. This impact would show up in the doctoral level for occupation and employer characteristics and would be more important in the SEI. I find that this is indeed the result because in the NSCG

employer and occupation characteristics decreased the sex effects by 1.1 percentage points while in the SEI employer and occupation characteristics decreased the sex effects by 1.9 percentage points.

5.4 Items of interest

The first, and quite apparent, thing to notice is the difference of importance sex plays in the NSCG and the SEI. In the SEI the sex effect was 35.1% for bachelor's degree holders, 28.9% for master's degree holders, and 25.8% for doctoral degree holders. However, in the NSCG the sex effect was 45.4% for bachelor's degree holders, 43.8% for master's degree holders, and 40.4% for doctoral degree holders. Since the NSCG is older than the SEI it could be showing that the choices women make or the experience they have gained at the time of the SEI has cause the sex wage gap to converge. Another item of interest is that field of degree impacted the sex effects the most for bachelor's and master's degree holders in both the NSCG and the SEI. While for doctoral degree holders controlling for age and years since the degree was earned impacted the sex effects the most in both the NSCG and the SEI.

6. CONCLUSIONS AND FUTURE AREAS OF RESEARCH

The results of this study show that it is important to consider more variables than sex alone when looking at differences in earnings between men and women. Also, it is important to realize the differences between datasets. In this case, the SEI considered factors such as employer size and geographic region, which cannot be controlled for in the NSCG because that information was not collected. This difference could have increased the importance of occupation and employer characteristics in the NSCG. This difference could make it difficult to draw substantial conclusions in comparing the two studies. By assuming that there is no significant impact from these differences I find that in the NSCG, women with bachelor's degrees earn 18.5% less than men with bachelor's degrees, women with master's degree earn 18.7% less than men with master's degrees, and women with doctoral degrees earn 15.3% less than men with doctoral degrees. This is in contrast with the SEI, after adding all the controls for worker heterogeneity and compensating wage differentials, women with bachelor's degrees earn 11.0% less than men with bachelor's degrees, women with master's degrees earn 8.0% less than men with master's degrees, and women with doctoral degrees earn 8.4% less than men with doctoral degrees.

It is important to note the limitations of these datasets. One of these limitations is that age, while being a reasonable estimator of experience for men, is not a reasonable estimator of experience for women. This difference in the appropriateness of using age as an estimator for experience could cause some of the wage gap that remains after controlling for multiple factors. With actual information on work experience the remaining wage gap could be accounted for.

Another area that could impact the remaining wage gap that would be interesting to research would be to look at the impact of having a spouse who worked in a similar field. If women are more likely to relocate for family than men, as indicated in Keith and McWilliams 1997, then having a spouse who works in a similar field could be beneficial. If the husband lives in an area where he has good job opportunities, his wife would also have good job opportunities. In fact, the geographic location with the best opportunities would be the same for both of them. However, if they work in different fields the area the husband works in might not have as good of job opportunities for his wife.

Another area that could impact the remaining wage gap would be to consider the sex differences in working out-of-field. If there are many men or women working out-of-field in science and engineering occupations, this could impact the sex differentials because they would not be included in the scope of this study. This study only considered those workers who most recently received a degree in science and engineering. However, it is possible that there are workers working in science and engineering who have degrees in non-science and engineering fields or who have more recently received a degree in another field such as business administration, but who still work in a science and engineering field.

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APPENDIX

Setup log

```
. drop if ed6d1_2==602
(249 observations deleted)

. drop if ed6d1_2==610
(1432 observations deleted)

. drop if ed6d1_2==651
(4796 observations deleted)

. drop if ed6d1_2==653
(9969 observations deleted)

. drop if ed6d1_2==654
(2111 observations deleted)

. drop if ed6d1_2==655
(789 observations deleted)

. drop if ed6d1_2==656
(2535 observations deleted)

. drop if ed6d1_2==657
(2102 observations deleted)

. drop if ed6d1_2==658
(328 observations deleted)

. drop if ed6d1_2==659
(1885 observations deleted)

. drop if ed6d1_2==661
(980 observations deleted)

. drop if ed6d1_2==662
(988 observations deleted)

. drop if ed6d1_2==663
(880 observations deleted)

. drop if ed6d1_2==701
(1960 observations deleted)

. drop if ed6d1_2==702
(78 observations deleted)

. drop if ed6d1_2==703
(1377 observations deleted)

. drop if ed6d1_2==704
(621 observations deleted)

. drop if ed6d1_2==705
(6635 observations deleted)
```

```
. drop if ed6d1_2==706
(523 observations deleted)

. drop if ed6d1_2==707
(1486 observations deleted)

. drop if ed6d1_2==708
(405 observations deleted)

. drop if ed6d1_2==709
(411 observations deleted)

. drop if ed6d1_2==710
(2341 observations deleted)

. drop if ed6d1_2==711
(1539 observations deleted)

. drop if ed6d1_2==712
(357 observations deleted)

. drop if ed6d1_2==713
(4315 observations deleted)

. drop if ed6d1_2==760
(3422 observations deleted)

. drop if ed6d1_2==772
(1527 observations deleted)

. drop if ed6d1_2==781
(431 observations deleted)

. drop if ed6d1_2==782
(458 observations deleted)

. drop if ed6d1_2==783
(55 observations deleted)

. drop if ed6d1_2==784
(982 observations deleted)

. drop if ed6d1_2==785
(275 observations deleted)

. drop if ed6d1_2==786
(6612 observations deleted)

. drop if ed6d1_2==787
(2514 observations deleted)

. drop if ed6d1_2==788
(736 observations deleted)

. drop if ed6d1_2==789
(618 observations deleted)

. drop if ed6d1_2==790
(481 observations deleted)

. drop if ed6d1_2==791
(894 observations deleted)
```

```
. drop if ed6d1_2==800
(1414 observations deleted)

. drop if ed6d1_2==810
(3533 observations deleted)

. drop if ed6d1_2==820
(1001 observations deleted)

. drop if ed6d1_2==830
(655 observations deleted)

. drop if ed6d1_2==850
(609 observations deleted)

. drop if ed6d1_2==861
(121 observations deleted)

. drop if ed6d1_2==862
(1978 observations deleted)

. drop if ed6d1_2==926
(2208 observations deleted)

. drop if ed6d1_2==941
(493 observations deleted)

. drop if ed6d1_2==942
(2009 observations deleted)

. drop if ed6d1_2==943
(1221 observations deleted)

. drop if ed6d1_2==944
(647 observations deleted)

. drop if ed6d1_2==995
(773 observations deleted)

. keep if ea7==1
(79614 observations deleted)

. gen logincome = ln(income1)
(2072 missing values generated)

. gen ed6b1yr2 = 93 - ed6b1yr

. gen SEX=sex==2
```

Regression for bachelor's degree holders

```
. keep if ed6c1==1
(17458 observations deleted)

. xi: reg logincome SEX

      Source |       SS       df       MS              Number of obs =   29524
-------------+------------------------------           F(  1, 29522) = 2505.96
       Model |  1148.19472     1  1148.19472           Prob > F      =  0.0000
    Residual |  13526.5487 29522  .458185378           R-squared     =  0.0782
-------------+------------------------------           Adj R-squared =  0.0782
       Total |  14674.7434 29523  .497061391           Root MSE      =  .67689

------------------------------------------------------------------------------
   logincome |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         SEX |  -.4540016   .0090692   -50.06   0.000    -.4717777   -.4362255
       _cons |   10.47351   .0045561  2298.81   0.000     10.46458    10.48244
------------------------------------------------------------------------------

. xi: reg logincome SEX age ed6b1yr2

      Source |       SS       df       MS              Number of obs =   29524
-------------+------------------------------           F(  3, 29520) = 1890.52
       Model |  2365.02107     3  788.340358           Prob > F      =  0.0000
    Residual |  12309.7224 29520  .416996015           R-squared     =  0.1612
-------------+------------------------------           Adj R-squared =  0.1611
       Total |  14674.7434 29523  .497061391           Root MSE      =  .64575

------------------------------------------------------------------------------
   logincome |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         SEX |  -.3939981   .0087301   -45.13   0.000    -.4111095   -.3768868
         age |   .0067724   .0008295     8.16   0.000     .0051465    .0083983
    ed6b1yr2 |   .0156561   .0008633    18.13   0.000     .0139639    .0173483
       _cons |    9.96705    .020236   492.54   0.000     9.927387    10.00671
------------------------------------------------------------------------------

. xi: reg logincome SEX age ed6b1yr2 i.ed6d1_2
i.ed6d1_2         _Ied6d1_2_1-94      (_Ied6d1_2_1 for ed6d1_2==-57 omitted)

      Source |       SS       df       MS              Number of obs =   29524
-------------+------------------------------           F( 96, 29427) =   81.98
       Model |  3096.61907    96  32.2564487           Prob > F      =  0.0000
    Residual |  11578.1244 29427   .39345242           R-squared     =  0.2110
-------------+------------------------------           Adj R-squared =  0.2084
       Total |  14674.7434 29523  .497061391           Root MSE      =  .62726

------------------------------------------------------------------------------
   logincome |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         SEX |  -.2583249   .0095494   -27.05   0.000    -.2770422   -.2396076
         age |    .008424   .0008144    10.34   0.000     .0068278    .0100203
    ed6b1yr2 |   .0156468   .0008566    18.27   0.000     .0139679    .0173257
 _Ied6d1_2_2 |   .6228775   .6873007     0.91   0.365    -.7242626    1.970018
 _Ied6d1_2_3 |   .5891654   .5248927     1.12   0.262    -.4396477    1.617979
 _Ied6d1_2_4 |   .0205906   .2851909     0.07   0.942    -.5383962    .5795775
 _Ied6d1_2_5 |  -.2608175   .2842401    -0.92   0.359    -.8179408    .2963058
 _Ied6d1_2_6 |   .0197366    .290387     0.07   0.946    -.5494348     .588908
 _Ied6d1_2_7 |  -.0728022   .2844845    -0.26   0.798    -.6304045       .4848
 _Ied6d1_2_8 |  -.1472301   .2872473    -0.51   0.608    -.7102475    .4157874
```

_Ied6d1_2_9	-.146622	.28826	-0.51	0.611	-.7116244	.4183805
_Ied6d1_2_10	.0647125	.2856989	0.23	0.821	-.49527	.6246951
_Ied6d1_2_11	.0522909	.2810936	0.19	0.852	-.4986651	.6032469
_Ied6d1_2_12	-.1670273	.2975425	-0.56	0.575	-.7502238	.4161692
_Ied6d1_2_13	.1310401	.3023437	0.43	0.665	-.4615671	.7236472
_Ied6d1_2_14	-.0211615	.297554	-0.07	0.943	-.6043807	.5620576
_Ied6d1_2_15	-.2358522	.3214412	-0.73	0.463	-.8658913	.3941869
_Ied6d1_2_16	.0150973	.2836002	0.05	0.958	-.5407718	.5709663
_Ied6d1_2_17	.0524432	.2870702	0.18	0.855	-.5102273	.6151137
_Ied6d1_2_18	.293835	.3383462	0.87	0.385	-.3693387	.9570087
_Ied6d1_2_19	-.0181495	.305407	-0.06	0.953	-.6167608	.5804618
_Ied6d1_2_20	.0434486	.2845818	0.15	0.879	-.5143445	.6012417
_Ied6d1_2_21	-.0505635	.2845883	-0.18	0.859	-.6083694	.5072423
_Ied6d1_2_22	.5086762	.3171338	1.60	0.109	-.1129202	1.130273
_Ied6d1_2_23	.2945026	.2820228	1.04	0.296	-.2582747	.84728
_Ied6d1_2_24	.2317694	.283153	0.82	0.413	-.3232232	.786762
_Ied6d1_2_25	.3227053	.2810231	1.15	0.251	-.2281125	.873523
_Ied6d1_2_26	.2675372	.2845558	0.94	0.347	-.2902049	.8252793
_Ied6d1_2_27	.2677184	.2923984	0.92	0.360	-.3053954	.8408323
_Ied6d1_2_28	.2370371	.2832761	0.84	0.403	-.3181966	.7922708
_Ied6d1_2_29	.2743794	.2934911	0.93	0.350	-.3008762	.849635
_Ied6d1_2_30	.0917943	.2861418	0.32	0.748	-.4690564	.652645
_Ied6d1_2_31	.0519656	.283936	0.18	0.855	-.5045616	.6084928
_Ied6d1_2_32	-.0542526	.2849009	-0.19	0.849	-.6126711	.504166
_Ied6d1_2_33	-.0130565	.2816667	-0.05	0.963	-.5651358	.5390227
_Ied6d1_2_34	.3720385	.282214	1.32	0.187	-.1811135	.9251905
_Ied6d1_2_35	.1390268	.2881225	0.48	0.629	-.4257062	.7037598
_Ied6d1_2_36	.1332684	.2835281	0.47	0.638	-.4224593	.6889962
_Ied6d1_2_37	.3426128	.3073287	1.11	0.265	-.2597651	.9449907
_Ied6d1_2_38	.4112683	.2813769	1.46	0.144	-.140243	.9627796
_Ied6d1_2_39	.2834429	.2809214	1.01	0.313	-.2671757	.8340615
_Ied6d1_2_40	.336824	.2834088	1.19	0.235	-.2186699	.8923179
_Ied6d1_2_41	.3394473	.2807484	1.21	0.227	-.2108322	.8897267
_Ied6d1_2_42	.2371069	.284435	0.83	0.405	-.3203984	.7946122
_Ied6d1_2_43	.3420319	.2921695	1.17	0.242	-.2306333	.9146971
_Ied6d1_2_44	.2820741	.2854149	0.99	0.323	-.2773518	.8415
_Ied6d1_2_45	.4714229	.3339049	1.41	0.158	-.1830455	1.125891
_Ied6d1_2_46	.2565753	.2819697	0.91	0.363	-.2960978	.8092485
_Ied6d1_2_47	.254033	.290233	0.88	0.381	-.3148365	.8229026
_Ied6d1_2_48	.2967014	.2808021	1.06	0.291	-.2536833	.847086
_Ied6d1_2_49	.3794749	.2875868	1.32	0.187	-.184208	.9431578
_Ied6d1_2_50	.3935453	.2929948	1.34	0.179	-.1807376	.9678283
_Ied6d1_2_51	.2231095	.2876585	0.78	0.438	-.340714	.7869329
_Ied6d1_2_52	.4842993	.2944903	1.64	0.100	-.0929148	1.061513
_Ied6d1_2_53	.5330466	.2859909	1.86	0.062	-.0275083	1.093602
_Ied6d1_2_54	.3073796	.2843494	1.08	0.280	-.2499579	.8647172
_Ied6d1_2_55	.2899384	.2817527	1.03	0.303	-.2623095	.8421863
_Ied6d1_2_56	.1673273	.2824466	0.59	0.554	-.3862807	.7209354
_Ied6d1_2_57	.2625066	.2821746	0.93	0.352	-.2905681	.8155814
_Ied6d1_2_58	.2169066	.2833414	0.77	0.444	-.3384551	.7722683
_Ied6d1_2_59	-.1301415	.2908575	-0.45	0.655	-.7002352	.4399523
_Ied6d1_2_60	.23793	.2836476	0.84	0.402	-.3180319	.7938919
_Ied6d1_2_61	.2236753	.2811929	0.80	0.426	-.3274753	.7748259
_Ied6d1_2_62	.2696902	.2942357	0.92	0.359	-.3070249	.8464054
_Ied6d1_2_63	.1604912	.2921919	0.55	0.583	-.412218	.7332004
_Ied6d1_2_64	.3358281	.2879112	1.17	0.243	-.2284906	.9001469
_Ied6d1_2_65	.2928727	.3191212	0.92	0.359	-.332619	.9183645
_Ied6d1_2_66	.1450857	.2984075	0.49	0.627	-.4398063	.7299777
_Ied6d1_2_67	.1384002	.2812082	0.49	0.623	-.4127804	.6895808
_Ied6d1_2_68	.1546836	.2932316	0.53	0.598	-.4200634	.7294306
_Ied6d1_2_69	.0903741	.2822902	0.32	0.749	-.4629273	.6436754
_Ied6d1_2_70	.2013646	.3030065	0.66	0.506	-.3925416	.7952709
_Ied6d1_2_71	.1360009	.317114	0.43	0.668	-.4855567	.7575584

```
_Ied6d1_2_72 |   .2321042   .2821604     0.82   0.411    -.3209428    .7851512
_Ied6d1_2_73 |   .1327126   .2886633     0.46   0.646    -.4330804    .6985056
_Ied6d1_2_74 |   .0673388   .2877699     0.23   0.815    -.4967031    .6313807
_Ied6d1_2_75 |  -.1919952    .285313    -0.67   0.501    -.7512214    .3672311
_Ied6d1_2_76 |   .0855746   .2909702     0.29   0.769      -.48474    .6558892
_Ied6d1_2_77 |  -.0328955   .2811972    -0.12   0.907    -.5840546    .5182636
_Ied6d1_2_78 |   .1842338   .2877702     0.64   0.522    -.3798087    .7482764
_Ied6d1_2_79 |   .0706173   .2900187     0.24   0.808    -.4978322    .6390669
_Ied6d1_2_80 |  -.1014822   .2855404    -0.36   0.722    -.6611541    .4581897
_Ied6d1_2_81 |   .0857239    .286629     0.30   0.765    -.4760818    .6475295
_Ied6d1_2_82 |   .0517087    .396833     0.13   0.896    -.7261017    .8295192
_Ied6d1_2_83 |   .1384371   .3383698     0.41   0.682    -.5247827     .801657
_Ied6d1_2_84 |  -.1925494   .2816458    -0.68   0.494    -.7445878    .3594889
_Ied6d1_2_85 |  -.2305488   .2854344    -0.81   0.419    -.7900129    .3289153
_Ied6d1_2_86 |  -.1286864   .2867884    -0.45   0.654    -.6908046    .4334317
_Ied6d1_2_87 |   .2038573    .281425     0.72   0.469    -.3477482    .7554628
_Ied6d1_2_88 |    .027573   .2841968     0.10   0.923    -.5294654    .5846114
_Ied6d1_2_89 |   .0157461   .3030027     0.05   0.959    -.5781527    .6096448
_Ied6d1_2_90 |    .025702   .2872151     0.09   0.929    -.5372525    .5886564
_Ied6d1_2_91 |   .0132052   .2812146     0.05   0.963     -.537988    .5643983
_Ied6d1_2_92 |  -.0799637   .2811502    -0.28   0.776    -.6310305    .4711032
_Ied6d1_2_93 |  -.1213872   .2829545    -0.43   0.668    -.6759907    .4332163
_Ied6d1_2_94 |    .310044   .2882086     1.08   0.282    -.2548577    .8749458
       _cons |   9.698451   .2812104    34.49   0.000     9.147266    10.24964
------------------------------------------------------------------------------

. xi: reg logincome SEX age ed6b1yr2 i.ed6d1_2 i.ea15 ea11 ea13 ea19
i.ed6d1_2         _Ied6d1_2_1-94      (_Ied6d1_2_1 for ed6d1_2==-57 omitted)
i.ea15            _Iea15_10-501       (naturally coded; _Iea15_10 omitted)

      Source |       SS       df       MS              Number of obs =   27480
-------------+------------------------------           F(202, 27277) =   47.58
       Model |  3384.59672   202  16.7554293           Prob > F      =  0.0000
    Residual |  9605.28192 27277  .352138502           R-squared     =  0.2606
-------------+------------------------------           Adj R-squared =  0.2551
       Total |  12989.8786 27479   .47272021           Root MSE      =  .59341

------------------------------------------------------------------------------
   logincome |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         SEX |    -.18467   .0098718   -18.71   0.000    -.2040193   -.1653208
         age |   .0091325   .0008196    11.14   0.000     .0075261    .0107389
    ed6b1yr2 |   .0145377   .0008628    16.85   0.000     .0128465    .0162288
 _Ied6d1_2_2 |   .6296612   .7375731     0.85   0.393    -.8160197    2.075342
 _Ied6d1_2_3 |   .3600034   .4996645     0.72   0.471    -.6193645    1.339371
 _Ied6d1_2_4 |   .1855712   .2712106     0.68   0.494    -.3460155    .7171578
 _Ied6d1_2_5 |  -.0473234   .2708212    -0.17   0.861    -.5781466    .4834999
 _Ied6d1_2_6 |   .1799693   .2772411     0.65   0.516    -.3634374    .7233759
 _Ied6d1_2_7 |   .1898587   .2709895     0.70   0.484    -.3412946     .721012
 _Ied6d1_2_8 |   .0889411   .2738561     0.32   0.745    -.4478308    .6257131
 _Ied6d1_2_9 |   .1383688   .2752275     0.50   0.615    -.4010912    .6778288
_Ied6d1_2_10 |   .2548058   .2726677     0.93   0.350    -.2796368    .7892484
_Ied6d1_2_11 |   .2657204   .2672742     0.99   0.320    -.2581506    .7895914
_Ied6d1_2_12 |   .0504125    .288007     0.18   0.861    -.5140959    .6149209
_Ied6d1_2_13 |   .4824173    .298388     1.62   0.106    -.1024384    1.067273
_Ied6d1_2_14 |   .1866671   .2845384     0.66   0.512    -.3710425    .7443768
_Ied6d1_2_15 |  -.0798074   .3329772    -0.24   0.811    -.7324597    .5728448
_Ied6d1_2_16 |   .2125947   .2705691     0.79   0.432    -.3177346    .7429239
_Ied6d1_2_17 |   .1504123   .2747651     0.55   0.584    -.3881413     .688966
_Ied6d1_2_18 |   .3166924   .3327896     0.95   0.341    -.3355921     .968977
_Ied6d1_2_19 |   .2234829   .2979241     0.75   0.453    -.3604635    .8074293
_Ied6d1_2_20 |    .222475   .2713811     0.82   0.412    -.3094458    .7543958
_Ied6d1_2_21 |   .1798042   .2711421     0.66   0.507    -.3516481    .7112565
```

_Ied6d1_2_22	.412258	.3041535	1.36	0.175	-.1838983	1.008414
_Ied6d1_2_23	.2884544	.268168	1.08	0.282	-.2371685	.8140773
_Ied6d1_2_24	.2580419	.2692831	0.96	0.338	-.2697667	.7858506
_Ied6d1_2_25	.2925036	.2671953	1.09	0.274	-.2312127	.8162199
_Ied6d1_2_26	.2628268	.2707359	0.97	0.332	-.2678293	.793483
_Ied6d1_2_27	.2927152	.2784944	1.05	0.293	-.253148	.8385784
_Ied6d1_2_28	.2374826	.2694729	0.88	0.378	-.290698	.7656631
_Ied6d1_2_29	.3038005	.280075	1.08	0.278	-.2451609	.8527619
_Ied6d1_2_30	.2645791	.2721952	0.97	0.331	-.2689375	.7980956
_Ied6d1_2_31	.2573328	.2705927	0.95	0.342	-.2730427	.7877082
_Ied6d1_2_32	.2271834	.2713273	0.84	0.402	-.3046321	.7589988
_Ied6d1_2_33	.1572268	.2678891	0.59	0.557	-.3678494	.682303
_Ied6d1_2_34	.3850848	.2683437	1.44	0.151	-.1408825	.9110522
_Ied6d1_2_35	.2461355	.2747319	0.90	0.370	-.2923531	.784624
_Ied6d1_2_36	.3046941	.2709621	1.12	0.261	-.2264054	.8357935
_Ied6d1_2_37	.4303487	.298082	1.44	0.149	-.1539073	1.014605
_Ied6d1_2_38	.4416582	.2677095	1.65	0.099	-.0830661	.9663826
_Ied6d1_2_39	.3385599	.2669201	1.27	0.205	-.1846172	.8617369
_Ied6d1_2_40	.2714294	.26954	1.01	0.314	-.2568828	.7997416
_Ied6d1_2_41	.3387762	.2668484	1.27	0.204	-.1842602	.8618127
_Ied6d1_2_42	.2690144	.2701882	1.00	0.319	-.2605682	.798597
_Ied6d1_2_43	.4074299	.2778044	1.47	0.142	-.1370809	.9519407
_Ied6d1_2_44	.3326612	.2711013	1.23	0.220	-.1987113	.8640336
_Ied6d1_2_45	.4991838	.3177487	1.57	0.116	-.1236199	1.121987
_Ied6d1_2_46	.3164178	.2680037	1.18	0.238	-.2088831	.8417186
_Ied6d1_2_47	.2856701	.2762136	1.03	0.301	-.2557227	.8270628
_Ied6d1_2_48	.2997233	.2667761	1.12	0.261	-.2231714	.822618
_Ied6d1_2_49	.4160757	.275025	1.51	0.130	-.1229873	.9551386
_Ied6d1_2_50	.3939741	.2799483	1.41	0.159	-.1547387	.942687
_Ied6d1_2_51	.2525417	.2736608	0.92	0.356	-.2838474	.7889307
_Ied6d1_2_52	.3461765	.2805983	1.23	0.217	-.2038105	.8961635
_Ied6d1_2_53	.4367676	.2726614	1.60	0.109	-.0976627	.9711979
_Ied6d1_2_54	.315134	.2699761	1.17	0.243	-.2140329	.844301
_Ied6d1_2_55	.3358234	.2677491	1.25	0.210	-.1889785	.8606254
_Ied6d1_2_56	.2860117	.2683471	1.07	0.287	-.2399623	.8119856
_Ied6d1_2_57	.2922376	.2680355	1.09	0.276	-.2331257	.8176008
_Ied6d1_2_58	.3066808	.2690618	1.14	0.254	-.220694	.8340557
_Ied6d1_2_59	.1588155	.2795789	0.57	0.570	-.3891734	.7068044
_Ied6d1_2_60	.2696589	.2696699	1.00	0.317	-.2589079	.7982257
_Ied6d1_2_61	.3554986	.2672995	1.33	0.184	-.168422	.8794193
_Ied6d1_2_62	.3148873	.2797885	1.13	0.260	-.2335124	.863287
_Ied6d1_2_63	.2300784	.2780823	0.83	0.408	-.3149771	.7751339
_Ied6d1_2_64	.377447	.2738734	1.38	0.168	-.1593589	.9142528
_Ied6d1_2_65	.4820666	.3113364	1.55	0.122	-.1281686	1.092302
_Ied6d1_2_66	.2313513	.2914829	0.79	0.427	-.33997	.8026727
_Ied6d1_2_67	.2710191	.2674937	1.01	0.311	-.2532822	.7953203
_Ied6d1_2_68	.3345854	.2798649	1.20	0.232	-.2139641	.8831348
_Ied6d1_2_69	.2044673	.2693387	0.76	0.448	-.3234503	.732385
_Ied6d1_2_70	.3303468	.2916886	1.13	0.257	-.2413778	.9020713
_Ied6d1_2_71	.3316572	.3060832	1.08	0.279	-.2682815	.931596
_Ied6d1_2_72	.3226514	.2681398	1.20	0.229	-.2029162	.8482191
_Ied6d1_2_73	.281649	.2751672	1.02	0.306	-.2576927	.8209908
_Ied6d1_2_74	.2636397	.27475	0.96	0.337	-.2748843	.8021638
_Ied6d1_2_75	.0238031	.271606	0.09	0.930	-.5085586	.5561648
_Ied6d1_2_76	.3099617	.2786872	1.11	0.266	-.2362794	.8562028
_Ied6d1_2_77	.1925202	.2673068	0.72	0.471	-.3314148	.7164552
_Ied6d1_2_78	.3013733	.2737648	1.10	0.271	-.2352196	.8379663
_Ied6d1_2_79	.2763882	.2763476	1.00	0.317	-.2652671	.8180436
_Ied6d1_2_80	.0695828	.2719432	0.26	0.798	-.4634398	.6026054
_Ied6d1_2_81	.2529783	.2727979	0.93	0.354	-.2817194	.787676
_Ied6d1_2_82	.109906	.3765315	0.29	0.770	-.6281149	.8479269
_Ied6d1_2_83	.3372533	.3212887	1.05	0.294	-.2924888	.9669955
_Ied6d1_2_84	.0671308	.2680313	0.25	0.802	-.4582243	.5924859

_Ied6d1_2_85	.0076141	.2727584	0.03	0.978	-.5270062	.5422345
_Ied6d1_2_86	.0930807	.2728446	0.34	0.733	-.4417086	.62787
_Ied6d1_2_87	.3323605	.2674341	1.24	0.214	-.191824	.856545
_Ied6d1_2_88	.2285996	.2704744	0.85	0.398	-.301544	.7587432
_Ied6d1_2_89	.2026205	.293975	0.69	0.491	-.3735854	.7788265
_Ied6d1_2_90	.1760617	.2732596	0.64	0.519	-.3595411	.7116644
_Ied6d1_2_91	.1978026	.2672797	0.74	0.459	-.3260792	.7216844
_Ied6d1_2_92	.1570939	.2672909	0.59	0.557	-.3668099	.6809977
_Ied6d1_2_93	.084439	.2697065	0.31	0.754	-.4441994	.6130774
_Ied6d1_2_94	.3789168	.2742663	1.38	0.167	-.1586591	.9164928
_Iea15_21	-.0428454	.0750176	-0.57	0.568	-.1898837	.1041928
_Iea15_22	.0040941	.0934622	0.04	0.965	-.1790966	.1872847
_Iea15_23	-.0952242	.0724012	-1.32	0.188	-.2371342	.0466857
_Iea15_24	-.052067	.076123	-0.68	0.494	-.201272	.0971379
_Iea15_25	-.0388732	.1003815	-0.39	0.699	-.2356261	.1578797
_Iea15_26	-.1672215	.0753697	-2.22	0.027	-.3149501	-.019493
_Iea15_27	-.0294606	.0839732	-0.35	0.726	-.1940523	.1351312
_Iea15_31	-.5145458	.0799039	-6.44	0.000	-.6711615	-.3579301
_Iea15_32	-.478949	.0721928	-6.63	0.000	-.6204505	-.3374474
_Iea15_33	-.3090166	.0578104	-5.35	0.000	-.4223279	-.1957054
_Iea15_40	-.6094353	.1123886	-5.42	0.000	-.8297227	-.3891479
_Iea15_51	.0509109	.0533859	0.95	0.340	-.0537282	.15555
_Iea15_52	.1283286	.05349	2.40	0.016	.0234854	.2331718
_Iea15_53	.1382228	.0754998	1.83	0.067	-.0097608	.2862063
_Iea15_54	.1658281	.0589358	2.81	0.005	.050311	.2813453
_Iea15_55	.0344206	.0573804	0.60	0.549	-.078048	.1468892
_Iea15_70	-.3164394	.0772753	-4.09	0.000	-.4679028	-.1649759
_Iea15_81	-.1272007	.082928	-1.53	0.125	-.2897439	.0353425
_Iea15_82	.1245111	.0572563	2.17	0.030	.0122858	.2367363
_Iea15_83	.0487126	.1320394	0.37	0.712	-.2100914	.3075166
_Iea15_84	.1463017	.1059898	1.38	0.167	-.0614436	.3540471
_Iea15_85	.0862969	.0619066	1.39	0.163	-.0350431	.2076369
_Iea15_86	.0512879	.0558443	0.92	0.358	-.0581699	.1607456
_Iea15_87	.1993456	.0633511	3.15	0.002	.0751741	.3235171
_Iea15_88	.2238184	.0541861	4.13	0.000	.1176109	.3300259
_Iea15_89	.10954	.0532434	2.06	0.040	.0051802	.2138999
_Iea15_90	.0228152	.0596271	0.38	0.702	-.0940569	.1396872
_Iea15_91	.0315365	.0593648	0.53	0.595	-.0848215	.1478945
_Iea15_92	.1112466	.0960092	1.16	0.247	-.0769363	.2994295
_Iea15_93	.0557178	.0756776	0.74	0.462	-.0926142	.2040498
_Iea15_94	.1158002	.0539115	2.15	0.032	.010131	.2214694
_Iea15_95	.1475884	.1116068	1.32	0.186	-.0711666	.3663435
_Iea15_96	.3544974	.0799915	4.43	0.000	.1977099	.5112849
_Iea15_97	.3051909	.0856342	3.56	0.000	.1373435	.4730383
_Iea15_98	.2049358	.0657036	3.12	0.002	.0761533	.3337182
_Iea15_99	.1627852	.0578058	2.82	0.005	.0494829	.2760876
_Iea15_100	-.0851226	.0621578	-1.37	0.171	-.2069551	.03671
_Iea15_101	-.2268438	.0786425	-2.88	0.004	-.3809871	-.0727004
_Iea15_102	-.2470028	.0969406	-2.55	0.011	-.4370112	-.0569943
_Iea15_103	-.055002	.0670632	-0.82	0.412	-.1864493	.0764453
_Iea15_104	-.1457027	.1154579	-1.26	0.207	-.3720061	.0806007
_Iea15_110	-.5132046	.0765728	-6.70	0.000	-.6632911	-.363118
_Iea15_111	.3656811	.1185098	3.09	0.002	.1333958	.5979664
_Iea15_112	-.1813604	.0712882	-2.54	0.011	-.3210888	-.041632
_Iea15_113	-.2063979	.0615586	-3.35	0.001	-.3270559	-.0857398
_Iea15_114	-.2231579	.0702001	-3.18	0.001	-.3607536	-.0855622
_Iea15_120	-.0207256	.1075717	-0.19	0.847	-.2315716	.1901204
_Iea15_130	-.2022123	.1456525	-1.39	0.165	-.4876986	.0832739
_Iea15_141	.2610494	.0511256	5.11	0.000	.1608406	.3612581
_Iea15_151	-.0226153	.0580061	-0.39	0.697	-.1363103	.0910796
_Iea15_152	-.0059505	.0630459	-0.09	0.925	-.1295236	.1176226
_Iea15_153	-.0120685	.0532438	-0.23	0.821	-.116429	.092292
_Iea15_171	.3504955	.1093457	3.21	0.001	.1361723	.5648186

_Iea15_172	.2164837	.2046838	1.06	0.290	-.184707	.6176745
_Iea15_173	-.0739147	.1090561	-0.68	0.498	-.2876703	.1398409
_Iea15_174	.056098	.1040059	0.54	0.590	-.147759	.2599549
_Iea15_175	-.0728031	.3024112	-0.24	0.810	-.6655444	.5199383
_Iea15_176	-.2102627	.3476247	-0.60	0.545	-.8916248	.4710994
_Iea15_191	-.1588713	.3505567	-0.45	0.650	-.8459803	.5282377
_Iea15_192	.0721908	.1385651	0.52	0.602	-.199404	.3437855
_Iea15_193	-.0587288	.0587327	-1.00	0.317	-.1738479	.0563904
_Iea15_194	.0538537	.0702876	0.77	0.444	-.0839135	.191621
_Iea15_195	.0715724	.3508066	0.20	0.838	-.6160263	.7591711
_Iea15_196	.183002	.1019884	1.79	0.073	-.0169005	.3829044
_Iea15_197	-.1325842	.0816394	-1.62	0.104	-.2926016	.0274331
_Iea15_198	-.0078218	.1050801	-0.07	0.941	-.2137841	.1981405
_Iea15_200	.0138403	.0566096	0.24	0.807	-.0971174	.1247981
_Iea15_201	.1751533	.0573232	3.06	0.002	.062797	.2875097
_Iea15_202	-.3183417	.0605275	-5.26	0.000	-.4369787	-.1997046
_Iea15_203	.0604385	.0575451	1.05	0.294	-.0523529	.1732298
_Iea15_221	-.5154229	.0985279	-5.23	0.000	-.7085427	-.3223031
_Iea15_222	.0558839	.0589254	0.95	0.343	-.0596129	.1713806
_Iea15_223	-.2684968	.0613107	-4.38	0.000	-.388669	-.1483246
_Iea15_231	-.1807579	.2232633	-0.81	0.418	-.6183654	.2568496
_Iea15_232	-.0484011	.1127966	-0.43	0.668	-.2694882	.172686
_Iea15_233	.1141218	.3471961	0.33	0.742	-.5664002	.7946438
_Iea15_234	-.4409657	.270473	-1.63	0.103	-.9711066	.0891751
_Iea15_235	.1915753	.2163043	0.89	0.376	-.2323922	.6155429
_Iea15_236	-.3755813	.1065408	-3.53	0.000	-.5844066	-.166756
_Iea15_237	-.070014	.178927	-0.39	0.696	-.42072	.2806919
_Iea15_238	-.1136089	.1210232	-0.94	0.348	-.3508206	.1236028
_Iea15_240	-.2223411	.0546814	-4.07	0.000	-.3295195	-.1151627
_Iea15_251	-.7151494	.2704563	-2.64	0.008	-1.245258	-.1850412
_Iea15_252	-.6859198	.4236989	-1.62	0.105	-1.516391	.1445516
_Iea15_253	-.4741916	.4228186	-1.12	0.262	-1.302938	.3545544
_Iea15_254	(dropped)					
_Iea15_255	(dropped)					
_Iea15_256	-.139007	.3016186	-0.46	0.645	-.7301948	.4521807
_Iea15_257	-.6736039	.3468556	-1.94	0.052	-1.353459	.0062508
_Iea15_271	(dropped)					
_Iea15_272	-.0867934	.5958506	-0.15	0.884	-1.254691	1.081104
_Iea15_273	(dropped)					
_Iea15_274	(dropped)					
_Iea15_275	.3671557	.5960438	0.62	0.538	-.8011205	1.535432
_Iea15_276	-.8245512	.5994093	-1.38	0.169	-1.999424	.3503216
_Iea15_277	-.3100871	.5961642	-0.52	0.603	-1.478599	.8584253
_Iea15_278	(dropped)					
_Iea15_279	(dropped)					
_Iea15_280	.1645056	.3019021	0.54	0.586	-.4272379	.7562491
_Iea15_281	(dropped)					
_Iea15_282	(dropped)					
_Iea15_283	(dropped)					
_Iea15_285	-.0397161	.4229198	-0.09	0.925	-.8686604	.7892282
_Iea15_286	(dropped)					
_Iea15_287	(dropped)					
_Iea15_288	(dropped)					
_Iea15_289	(dropped)					
_Iea15_291	(dropped)					
_Iea15_292	-.0413107	.2304516	-0.18	0.858	-.4930076	.4103861
_Iea15_293	(dropped)					
_Iea15_295	-.5090467	.5958797	-0.85	0.393	-1.677001	.658908
_Iea15_296	.0708876	.4257139	0.17	0.868	-.7635334	.9053086
_Iea15_298	(dropped)					
_Iea15_299	.8545443	.5969368	1.43	0.152	-.3154822	2.024571
_Iea15_401	-.1904702	.0656188	-2.90	0.004	-.3190863	-.0618541
_Iea15_402	-.4238229	.0740826	-5.72	0.000	-.5690287	-.2786172

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  _Iea15_403 |  -.4423398   .0760545    -5.82   0.000    -.5914104   -.2932692
  _Iea15_404 |  -.3220128   .0777942    -4.14   0.000    -.4744933   -.1695322
  _Iea15_405 |   .1654686   .0616165     2.69   0.007     .0446972      .28624
  _Iea15_500 |  -.1779319   .0551696    -3.23   0.001    -.2860671   -.0697968
  _Iea15_501 |  -.0068364   .0931345    -0.07   0.941    -.1893848     .175712
        ea11 |  (dropped)
        ea13 |    -.01182   .0016207    -7.29   0.000    -.0149966   -.0086434
        ea19 |  -.0406905   .0058394    -6.97   0.000    -.0521361   -.0292449
       _cons |   9.658004   .2720703    35.50   0.000     9.124733    10.19128
------------------------------------------------------------------------------
```

Regression for master's degree holders

```
. keep if ed6c1==2
(35655 observations deleted)

. xi: reg logincome SEX

      Source |       SS       df       MS              Number of obs =   12069
-------------+------------------------------           F(  1, 12067) = 1019.56
       Model |  489.591104     1  489.591104            Prob > F      =  0.0000
    Residual |  5794.57336 12067  .480199997           R-squared     =  0.0779
-------------+------------------------------           Adj R-squared =  0.0778
       Total |  6284.16447 12068  .520729571           Root MSE      =  .69296

------------------------------------------------------------------------------
   logincome |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         SEX |  -.4384722   .0137321   -31.93   0.000    -.4653892   -.4115551
       _cons |   10.55946   .0075528  1398.09   0.000     10.54465    10.57426
------------------------------------------------------------------------------

. xi: reg logincome SEX age ed6b1yr2

      Source |       SS       df       MS              Number of obs =   12069
-------------+------------------------------           F(  3, 12065) =  836.16
       Model |  1081.66931     3  360.556435            Prob > F      =  0.0000
    Residual |  5202.49516 12065  .431205567           R-squared     =  0.1721
-------------+------------------------------           Adj R-squared =  0.1719
       Total |  6284.16447 12068  .520729571           Root MSE      =  .65666

------------------------------------------------------------------------------
   logincome |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         SEX |  -.3825456   .0131478   -29.10   0.000    -.4083174   -.3567738
         age |   .0064603   .0009798     6.59   0.000     .0045398    .0083809
    ed6b1yr2 |   .0197301   .0010391    18.99   0.000     .0176932    .0217669
       _cons |   10.03485   .0303284   330.87   0.000     9.975397    10.09429
------------------------------------------------------------------------------

. xi: reg logincome SEX age ed6b1yr2 i.ed6d1_2
i.ed6d1_2         _Ied6d1_2_1-94      (_Ied6d1_2_1 for ed6d1_2==-57 omitted)

      Source |       SS       df       MS              Number of obs =   12069
-------------+------------------------------           F( 96, 11972) =   39.34
       Model |  1506.91807    96  15.6970632            Prob > F      =  0.0000
    Residual |   4777.2464 11972  .399034948           R-squared     =  0.2398
-------------+------------------------------           Adj R-squared =  0.2337
       Total |  6284.16447 12068  .520729571           Root MSE      =  .63169

------------------------------------------------------------------------------
   logincome |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         SEX |  -.2109853   .0145182   -14.53   0.000    -.2394433   -.1825272
         age |   .0111393   .0009822    11.34   0.000      .009214    .0130645
    ed6b1yr2 |    .018513    .001043    17.75   0.000     .0164685    .0205575
 _Ied6d1_2_2 |   .1038801   .5767416     0.18   0.857    -1.026627    1.234387
 _Ied6d1_2_3 |   .2922436   .7294273     0.40   0.689    -1.137552    1.722039
 _Ied6d1_2_4 |  -.2500387   .3785044    -0.66   0.509    -.9919687    .4918913
 _Ied6d1_2_5 |  -.5175929    .386022    -1.34   0.180    -1.274259    .2390729
 _Ied6d1_2_6 |  -.2408598   .3805518    -0.63   0.527    -.9868029    .5050834
 _Ied6d1_2_7 |  -.4904459   .3731986    -1.31   0.189    -1.221976    .2410839
 _Ied6d1_2_8 |  -.2588666   .3775503    -0.69   0.493    -.9989264    .4811931
```

_Ied6d1_2_9	-.5155916	.3772917	-1.37	0.172	-1.255144	.2239614
_Ied6d1_2_10	-.6145353	.3725288	-1.65	0.099	-1.344752	.1156815
_Ied6d1_2_11	-.4215527	.3673853	-1.15	0.251	-1.141687	.2985821
_Ied6d1_2_12	-.6265594	.3805792	-1.65	0.100	-1.372556	.1194376
_Ied6d1_2_13	-.568708	.3786099	-1.50	0.133	-1.310845	.1734288
_Ied6d1_2_14	-.4281068	.3764547	-1.14	0.255	-1.166019	.3098056
_Ied6d1_2_15	-.2032121	.3956896	-0.51	0.608	-.9788278	.5724037
_Ied6d1_2_16	-.3185121	.3724334	-0.86	0.392	-1.048542	.4115176
_Ied6d1_2_17	-.3449996	.3729402	-0.93	0.355	-1.076023	.3860237
_Ied6d1_2_18	-.3110568	.3995907	-0.78	0.436	-1.094319	.4722057
_Ied6d1_2_19	-.3449019	.3785361	-0.91	0.362	-1.086894	.3970903
_Ied6d1_2_20	-.5121517	.3738939	-1.37	0.171	-1.245044	.220741
_Ied6d1_2_21	-.3674905	.3720095	-0.99	0.323	-1.09669	.3617085
_Ied6d1_2_22	.0654216	.4211477	0.16	0.877	-.7600962	.8909394
_Ied6d1_2_23	.0021542	.368042	0.01	0.995	-.7192678	.7235762
_Ied6d1_2_24	-.2311155	.3860999	-0.60	0.549	-.9879339	.5257029
_Ied6d1_2_25	.0257236	.3655127	0.07	0.944	-.6907405	.7421878
_Ied6d1_2_26	.1153893	.3733951	0.31	0.757	-.6165257	.8473042
_Ied6d1_2_27	-.226709	.4159122	-0.55	0.586	-1.041964	.5885464
_Ied6d1_2_28	.1096955	.3692009	0.30	0.766	-.6139981	.8333892
_Ied6d1_2_29	-.1766796	.3770603	-0.47	0.639	-.915779	.5624199
_Ied6d1_2_30	-.2949605	.3711065	-0.79	0.427	-1.022389	.4324684
_Ied6d1_2_31	-.4114033	.3769612	-1.09	0.275	-1.150308	.3275017
_Ied6d1_2_32	-.4278347	.3717833	-1.15	0.250	-1.15659	.300921
_Ied6d1_2_33	-.2816176	.3696943	-0.76	0.446	-1.006278	.4430431
_Ied6d1_2_34	-.0295255	.3678097	-0.08	0.936	-.7504922	.6914411
_Ied6d1_2_35	-.2469696	.3911281	-0.63	0.528	-1.013644	.5197049
_Ied6d1_2_36	-.3013125	.3755	-0.80	0.422	-1.037353	.4347284
_Ied6d1_2_37	-.2868099	.3779076	-0.76	0.448	-1.02757	.4539502
_Ied6d1_2_38	.0080523	.3669431	0.02	0.982	-.7112157	.7273203
_Ied6d1_2_39	-.0839136	.3656216	-0.23	0.818	-.8005913	.6327641
_Ied6d1_2_40	.0530107	.3673642	0.14	0.885	-.6670827	.7731042
_Ied6d1_2_41	.0590581	.3652244	0.16	0.872	-.656841	.7749571
_Ied6d1_2_42	-.1061783	.3710404	-0.29	0.775	-.8334777	.621121
_Ied6d1_2_43	-.0379564	.3681659	-0.10	0.918	-.7596212	.6837084
_Ied6d1_2_44	.0930848	.3837876	0.24	0.808	-.6592011	.8453707
_Ied6d1_2_45	.2434807	.4466772	0.55	0.586	-.6320791	1.11904
_Ied6d1_2_46	-.0178978	.3678457	-0.05	0.961	-.738935	.7031393
_Ied6d1_2_47	-.0072973	.3721902	-0.02	0.984	-.7368504	.7222558
_Ied6d1_2_48	-.0541611	.3656297	-0.15	0.882	-.7708546	.6625325
_Ied6d1_2_49	-.1054167	.3743599	-0.28	0.778	-.8392228	.6283894
_Ied6d1_2_50	-.1514303	.3955925	-0.38	0.702	-.9268557	.6239951
_Ied6d1_2_51	-.3014951	.3974317	-0.76	0.448	-1.080526	.4775354
_Ied6d1_2_52	.01716	.3740269	0.05	0.963	-.7159934	.7503134
_Ied6d1_2_53	.1302039	.4019748	0.32	0.746	-.6577318	.9181397
_Ied6d1_2_54	.1080271	.3687294	0.29	0.770	-.6147423	.8307965
_Ied6d1_2_55	-.1353091	.3726911	-0.36	0.717	-.8658442	.5952259
_Ied6d1_2_56	-.1130412	.3785523	-0.30	0.765	-.8550652	.6289828
_Ied6d1_2_57	-.0251004	.3734372	-0.07	0.946	-.7570979	.7068972
_Ied6d1_2_58	-.0922247	.376449	-0.24	0.806	-.8301258	.6456764
_Ied6d1_2_59	-.5664309	.3770511	-1.50	0.133	-1.305512	.1726504
_Ied6d1_2_60	-.2280919	.3720651	-0.61	0.540	-.9573999	.501216
_Ied6d1_2_61	-.2262975	.366556	-0.62	0.537	-.9448067	.4922117
_Ied6d1_2_62	.0451269	.3687417	0.12	0.903	-.6776667	.7679205
_Ied6d1_2_63	-.0932219	.3701425	-0.25	0.801	-.8187611	.6323174
_Ied6d1_2_64	-.19706	.382	-0.52	0.606	-.9458419	.5517219
_Ied6d1_2_65	-.1531792	.4114504	-0.37	0.710	-.9596886	.6533302
_Ied6d1_2_66	-.0555276	.3899029	-0.14	0.887	-.8198005	.7087453
_Ied6d1_2_67	-.3604707	.3667575	-0.98	0.326	-1.079375	.3584334
_Ied6d1_2_68	-.3350379	.3956218	-0.85	0.397	-1.110521	.440445
_Ied6d1_2_69	-.1319366	.3680195	-0.36	0.720	-.8533145	.5894413
_Ied6d1_2_70	-.1979865	.378896	-0.52	0.601	-.940684	.544711
_Ied6d1_2_71	-.2765087	.3956442	-0.70	0.485	-1.052035	.499018

```
_Ied6d1_2_72 |  -.1680823   .3670988    -0.46   0.647    -.8876555    .5514909
_Ied6d1_2_73 |  -.2809871   .3781929    -0.74   0.458    -1.022307    .4603324
_Ied6d1_2_74 |  -.5121763   .3679772    -1.39   0.164    -1.233471    .2091188
_Ied6d1_2_75 |  -.4648425   .3656553    -1.27   0.204    -1.181586    .2519013
_Ied6d1_2_76 |  -.5137015   .3844831    -1.34   0.182    -1.267351    .2399478
_Ied6d1_2_77 |  -.4782783   .3679234    -1.30   0.194    -1.199468    .2429113
_Ied6d1_2_78 |  -.2843901   .3753998    -0.76   0.449    -1.020235    .4514544
_Ied6d1_2_79 |  -.2339195   .4020198    -0.58   0.561    -1.021944    .5541046
_Ied6d1_2_80 |  -.3088108   .3691166    -0.84   0.403    -1.032339    .4147176
_Ied6d1_2_81 |  -.1429482   .3660446    -0.39   0.696    -.8604549    .5745585
_Ied6d1_2_82 |  -.1365094   .3773153    -0.36   0.718    -.8761087    .6030898
_Ied6d1_2_83 |  -.2799489    .384525    -0.73   0.467     -1.03368    .4737823
_Ied6d1_2_84 |  -.4319891    .365322    -1.18   0.237    -1.148079    .2841012
_Ied6d1_2_85 |  -.6919824   .3748134    -1.85   0.065    -1.426677    .0427126
_Ied6d1_2_86 |  -.2806358   .3878222    -0.72   0.469     -1.04083    .4795587
_Ied6d1_2_87 |    -.20891   .3676008    -0.57   0.570    -.9294671    .5116471
_Ied6d1_2_88 |  -.3851662   .3775476    -1.02   0.308    -1.125221    .3548884
_Ied6d1_2_89 |  -.5992384   .7294314    -0.82   0.411    -2.029042    .8305654
_Ied6d1_2_90 |  -.0884339    .370054    -0.24   0.811    -.8137997     .636932
_Ied6d1_2_91 |  -.3755544   .3689377    -1.02   0.309    -1.098732    .3476232
_Ied6d1_2_92 |  -.4504419    .368861    -1.22   0.222    -1.173469    .2725855
_Ied6d1_2_93 |  -.4268007   .3694189    -1.16   0.248    -1.150922    .2973203
_Ied6d1_2_94 |  -.0251757   .3792565    -0.07   0.947    -.7685799    .7182286
       _cons |   10.00996   .3659419    27.35   0.000     9.292653    10.72726
------------------------------------------------------------------------------

. xi: reg logincome SEX age ed6b1yr2 i.ed6d1_2 i.ea15 ea11 ea13 ea19
i.ed6d1_2         _Ied6d1_2_1-94      (_Ied6d1_2_1 for ed6d1_2==-57 omitted)
i.ea15            _Iea15_10-501       (naturally coded; _Iea15_10 omitted)

      Source |       SS       df       MS              Number of obs =   10100
-------------+------------------------------           F(197,  9902) =   19.59
       Model |  1445.67281   197  7.33844066           Prob > F      =  0.0000
    Residual |  3709.97614  9902  .374669374           R-squared     =  0.2804
-------------+------------------------------           Adj R-squared =  0.2661
       Total |  5155.64895 10099  .510510837           Root MSE      =   .6121

------------------------------------------------------------------------------
   logincome |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         SEX |  -.1868966    .016294   -11.47   0.000    -.2188362    -.154957
         age |    .011046   .0010923    10.11   0.000     .0089048    .0131872
    ed6b1yr2 |   .0163539    .001159    14.11   0.000     .0140821    .0186257
 _Ied6d1_2_2 |   .2280006   .5922227     0.38   0.700    -.9328765    1.388878
 _Ied6d1_2_3 |   .2922303   .7123742     0.41   0.682    -1.104168    1.688629
 _Ied6d1_2_4 |  -.3061954   .3741488    -0.82   0.413    -1.039603    .4272124
 _Ied6d1_2_5 |  -.4519666   .3912004    -1.16   0.248    -1.218799    .3148658
 _Ied6d1_2_6 |  -.2543173   .3764149    -0.68   0.499    -.9921672    .4835326
 _Ied6d1_2_7 |  -.3681046   .3741341    -0.98   0.325    -1.101484    .3652744
 _Ied6d1_2_8 |  -.2174306   .3755998    -0.58   0.563    -.9536826    .5188215
 _Ied6d1_2_9 |  -.4687219   .3773678    -1.24   0.214     -1.20844    .2709958
_Ied6d1_2_10 |  -.3811636   .3718359    -1.03   0.305    -1.110038    .3477104
_Ied6d1_2_11 |   -.381481   .3647533    -1.05   0.296    -1.096472    .3335097
_Ied6d1_2_12 |  -.6578595   .3870949    -1.70   0.089    -1.416644    .1009252
_Ied6d1_2_13 |  -.3832508   .3860445    -0.99   0.321    -1.139977    .3734751
_Ied6d1_2_14 |   -.189865   .3765919    -0.50   0.614    -.9280617    .5483317
_Ied6d1_2_15 |  -.1267186   .3997099    -0.32   0.751    -.9102313    .6567942
_Ied6d1_2_16 |  -.2768054   .3697307    -0.75   0.454    -1.001553    .4479421
_Ied6d1_2_17 |  -.3173801   .3721162    -0.85   0.394    -1.046804    .4120435
_Ied6d1_2_18 |  -.2834142   .4047013    -0.70   0.484    -1.076711    .5098827
_Ied6d1_2_19 |  -.2842427   .3775503    -0.75   0.452    -1.024318    .4558329
_Ied6d1_2_20 |  -.4203996   .3721503    -1.13   0.259     -1.14989    .3090907
_Ied6d1_2_21 |  -.3715022   .3689374    -1.01   0.314    -1.094695    .3516903
```

_Ied6d1_2_22	-.0451648	.4198991	-0.11	0.914	-.8682525	.777923
_Ied6d1_2_23	-.1197679	.3621467	-0.33	0.741	-.8296492	.5901133
_Ied6d1_2_24	-.3590293	.3802262	-0.94	0.345	-1.10435	.3862916
_Ied6d1_2_25	-.0999868	.3596534	-0.28	0.781	-.8049807	.6050071
_Ied6d1_2_26	-.0388987	.3681071	-0.11	0.916	-.7604636	.6826661
_Ied6d1_2_27	-.3398053	.4079602	-0.83	0.405	-1.13949	.4598798
_Ied6d1_2_28	.0112496	.3633083	0.03	0.975	-.7009086	.7234078
_Ied6d1_2_29	-.3223993	.3721111	-0.87	0.386	-1.051813	.4070143
_Ied6d1_2_30	-.322033	.3660682	-0.88	0.379	-1.039601	.3955352
_Ied6d1_2_31	-.4692611	.3737567	-1.26	0.209	-1.2019	.2633782
_Ied6d1_2_32	-.4336015	.3669424	-1.18	0.237	-1.152883	.2856802
_Ied6d1_2_33	-.3603184	.3645021	-0.99	0.323	-1.074817	.3541799
_Ied6d1_2_34	-.1797615	.3620976	-0.50	0.620	-.8895465	.5300235
_Ied6d1_2_35	-.301768	.3848995	-0.78	0.433	-1.056249	.4527134
_Ied6d1_2_36	-.2606296	.3757506	-0.69	0.488	-.9971773	.4759181
_Ied6d1_2_37	-.2653672	.3767919	-0.70	0.481	-1.003956	.4732216
_Ied6d1_2_38	-.1124927	.3620345	-0.31	0.756	-.822154	.5971686
_Ied6d1_2_39	-.156448	.3590269	-0.44	0.663	-.8602138	.5473178
_Ied6d1_2_40	-.1255857	.361395	-0.35	0.728	-.8339935	.5828221
_Ied6d1_2_41	-.1067448	.3594212	-0.30	0.766	-.8112834	.5977939
_Ied6d1_2_42	-.2202689	.3645125	-0.60	0.546	-.9347877	.4942499
_Ied6d1_2_43	-.1021274	.3624282	-0.28	0.778	-.8125604	.6083055
_Ied6d1_2_44	-.0327512	.3788968	-0.09	0.931	-.7754661	.7099638
_Ied6d1_2_45	.1913994	.4389625	0.44	0.663	-.6690565	1.051855
_Ied6d1_2_46	-.1592343	.3617313	-0.44	0.660	-.8683013	.5498328
_Ied6d1_2_47	-.0791609	.3673931	-0.22	0.829	-.7993262	.6410043
_Ied6d1_2_48	-.1551681	.3599728	-0.43	0.666	-.860788	.5504518
_Ied6d1_2_49	-.1731503	.3684298	-0.47	0.638	-.8953477	.5490471
_Ied6d1_2_50	-.1214139	.3867768	-0.31	0.754	-.8795752	.6367474
_Ied6d1_2_51	-.4079917	.4002713	-1.02	0.308	-1.192605	.3766215
_Ied6d1_2_52	-.1686986	.3712781	-0.45	0.650	-.8964792	.5590821
_Ied6d1_2_53	.0257555	.4051829	0.06	0.949	-.7684855	.8199965
_Ied6d1_2_54	-.0344998	.3617528	-0.10	0.924	-.7436089	.6746093
_Ied6d1_2_55	-.217644	.3671776	-0.59	0.553	-.9373869	.5020989
_Ied6d1_2_56	-.1205065	.3770361	-0.32	0.749	-.859574	.6185611
_Ied6d1_2_57	-.0480234	.3681539	-0.13	0.896	-.76968	.6736333
_Ied6d1_2_58	-.1735078	.3712578	-0.47	0.640	-.9012487	.5542332
_Ied6d1_2_59	-.5370253	.3947576	-1.36	0.174	-1.310831	.23678
_Ied6d1_2_60	-.2472861	.3678723	-0.67	0.501	-.9683907	.4738186
_Ied6d1_2_61	-.1747509	.3622229	-0.48	0.630	-.8847815	.5352797
_Ied6d1_2_62	-.0527135	.3626958	-0.15	0.884	-.763671	.658244
_Ied6d1_2_63	-.0912229	.3660319	-0.25	0.803	-.80872	.6262742
_Ied6d1_2_64	-.1567798	.383922	-0.41	0.683	-.9093451	.5957856
_Ied6d1_2_65	-.1582802	.4307969	-0.37	0.713	-1.00273	.6861694
_Ied6d1_2_66	-.1315027	.4054707	-0.32	0.746	-.9263079	.6633025
_Ied6d1_2_67	-.3205541	.3624554	-0.88	0.377	-1.03104	.3899322
_Ied6d1_2_68	-.0195977	.4137035	-0.05	0.962	-.8305407	.7913453
_Ied6d1_2_69	-.1328116	.3646419	-0.36	0.716	-.8475839	.5819606
_Ied6d1_2_70	-.1641799	.3749998	-0.44	0.662	-.899256	.5708961
_Ied6d1_2_71	-.256901	.3973501	-0.65	0.518	-1.035788	.521986
_Ied6d1_2_72	-.1747649	.3618592	-0.48	0.629	-.8840826	.5345529
_Ied6d1_2_73	-.3122967	.3750192	-0.83	0.405	-1.047411	.4228173
_Ied6d1_2_74	-.4162884	.3634447	-1.15	0.252	-1.128714	.2961372
_Ied6d1_2_75	-.4874952	.3603509	-1.35	0.176	-1.193856	.218866
_Ied6d1_2_76	-.3057974	.391242	-0.78	0.434	-1.072711	.4611165
_Ied6d1_2_77	-.4974096	.3634983	-1.37	0.171	-1.20994	.2151211
_Ied6d1_2_78	-.3688455	.3706593	-1.00	0.320	-1.095413	.3577222
_Ied6d1_2_79	-.2423031	.4273391	-0.57	0.571	-1.079975	.5953685
_Ied6d1_2_80	-.3722116	.3674527	-1.01	0.311	-1.092494	.3480705
_Ied6d1_2_81	-.2647325	.3598889	-0.74	0.462	-.9701881	.4407231
_Ied6d1_2_82	-.161531	.3730857	-0.43	0.665	-.8928549	.5697929
_Ied6d1_2_83	-.3588581	.378425	-0.95	0.343	-1.100648	.3829319
_Ied6d1_2_84	-.4488521	.3599186	-1.25	0.212	-1.154366	.2566616

_Ied6d1_2_85	-.7549646	.3775432	-2.00	0.046	-1.495026	-.0149031
_Ied6d1_2_86	-.2883096	.3843778	-0.75	0.453	-1.041768	.465149
_Ied6d1_2_87	-.2353974	.3627877	-0.65	0.516	-.9465351	.4757403
_Ied6d1_2_88	-.3260011	.3741153	-0.87	0.384	-1.059343	.4073412
_Ied6d1_2_89	(dropped)					
_Ied6d1_2_90	-.1056417	.3646712	-0.29	0.772	-.8204714	.6091881
_Ied6d1_2_91	-.3582062	.3644076	-0.98	0.326	-1.072519	.3561069
_Ied6d1_2_92	-.4212165	.3645165	-1.16	0.248	-1.135743	.29331
_Ied6d1_2_93	-.5170587	.3656175	-1.41	0.157	-1.233743	.199626
_Ied6d1_2_94	-.0437499	.3773523	-0.12	0.908	-.7834374	.6959375
_Iea15_21	.1702003	.1325081	1.28	0.199	-.0895426	.4299432
_Iea15_22	.4284264	.1594246	2.69	0.007	.1159217	.7409312
_Iea15_23	.2485175	.117968	2.11	0.035	.0172762	.4797588
_Iea15_24	.2943243	.1409618	2.09	0.037	.0180104	.5706381
_Iea15_25	.3792043	.1436123	2.64	0.008	.0976948	.6607137
_Iea15_26	.1447761	.1708372	0.85	0.397	-.1900995	.4796518
_Iea15_27	.3954383	.1421772	2.78	0.005	.1167422	.6741345
_Iea15_31	-.6521161	.2033218	-3.21	0.001	-1.050668	-.253564
_Iea15_32	-.3055836	.325277	-0.94	0.348	-.9431928	.3320255
_Iea15_33	-.1704317	.1413552	-1.21	0.228	-.4475168	.1066534
_Iea15_40	-.1791276	.1406717	-1.27	0.203	-.4548728	.0966177
_Iea15_51	.2635685	.1055503	2.50	0.013	.0566685	.4704686
_Iea15_52	.384185	.1050534	3.66	0.000	.178259	.590111
_Iea15_53	.4863729	.1201412	4.05	0.000	.2508717	.7218742
_Iea15_54	.4461276	.112093	3.98	0.000	.2264025	.6658526
_Iea15_55	.3521437	.1123774	3.13	0.002	.131861	.5724263
_Iea15_70	.1305087	.117161	1.11	0.265	-.0991507	.360168
_Iea15_81	.2467302	.1677591	1.47	0.141	-.0821119	.5755722
_Iea15_82	.4508472	.1083128	4.16	0.000	.238532	.6631624
_Iea15_83	.5213732	.2935682	1.78	0.076	-.0540803	1.096827
_Iea15_84	.3211173	.1922917	1.67	0.095	-.0558136	.6980482
_Iea15_85	.4204256	.1175812	3.58	0.000	.1899425	.6509088
_Iea15_86	.3150738	.1080588	2.92	0.004	.1032564	.5268911
_Iea15_87	.5033022	.1150498	4.37	0.000	.2777812	.7288232
_Iea15_88	.4373653	.1041325	4.20	0.000	.2332444	.6414862
_Iea15_89	.4339329	.1042338	4.16	0.000	.2296134	.6382524
_Iea15_90	.3056177	.1106455	2.76	0.006	.08873	.5225053
_Iea15_91	.3539272	.1215796	2.91	0.004	.1156065	.5922479
_Iea15_92	.5516267	.2170443	2.54	0.011	.1261756	.9770777
_Iea15_93	.2962046	.1275968	2.32	0.020	.0460888	.5463204
_Iea15_94	.3512423	.1070541	3.28	0.001	.1413945	.5610901
_Iea15_95	-.0512029	.1978669	-0.26	0.796	-.4390623	.3366564
_Iea15_96	.5693522	.1453141	3.92	0.000	.2845069	.8541974
_Iea15_97	.31033	.1678731	1.85	0.065	-.0187354	.6393953
_Iea15_98	.5993447	.1622597	3.69	0.000	.2812827	.9174067
_Iea15_99	.4771243	.1109808	4.30	0.000	.2595794	.6946692
_Iea15_100	.2385636	.145513	1.64	0.101	-.0466716	.5237987
_Iea15_101	-.1372568	.2036553	-0.67	0.500	-.5364626	.2619489
_Iea15_102	.0998082	.2569677	0.39	0.698	-.4039009	.6035173
_Iea15_103	.2955747	.1597831	1.85	0.064	-.0176327	.6087821
_Iea15_110	.2235843	.1757886	1.27	0.203	-.1209971	.5681657
_Iea15_111	.3130712	.1493895	2.10	0.036	.0202374	.6059049
_Iea15_112	.1419599	.1206698	1.18	0.239	-.0945775	.3784973
_Iea15_113	.2741909	.1365901	2.01	0.045	.0064465	.5419353
_Iea15_114	.2523212	.1322831	1.91	0.056	-.0069805	.511623
_Iea15_120	.7759056	.1924391	4.03	0.000	.3986857	1.153125
_Iea15_130	-.1325169	.2519142	-0.53	0.599	-.6263201	.3612863
_Iea15_141	.5478765	.10029	5.46	0.000	.3512876	.7444653
_Iea15_151	.2841683	.117523	2.42	0.016	.0537994	.5145373
_Iea15_152	.4497662	.1178179	3.82	0.000	.2188191	.6807133
_Iea15_153	.3515323	.1055893	3.33	0.001	.1445559	.5585088
_Iea15_171	.5246444	.2286468	2.29	0.022	.0764502	.9728387
_Iea15_172	.4418194	.2720119	1.62	0.104	-.0913793	.9750182

_Iea15_173	.2961721	.1396659	2.12	0.034	.0223984	.5699457
_Iea15_174	.2520832	.1380848	1.83	0.068	-.0185911	.5227575
_Iea15_176	.0245782	.4477886	0.05	0.956	-.8531787	.902335
_Iea15_192	.2826203	.2250407	1.26	0.209	-.1585053	.7237459
_Iea15_193	.2422559	.1172167	2.07	0.039	.0124873	.4720245
_Iea15_194	.2417426	.1221286	1.98	0.048	.0023457	.4811396
_Iea15_195	-.0128355	.3089003	-0.04	0.967	-.6183429	.5926719
_Iea15_196	.3271868	.1309489	2.50	0.012	.0705003	.5838732
_Iea15_197	-.103844	.2338441	-0.44	0.657	-.5622261	.3545381
_Iea15_198	.2642754	.1485985	1.78	0.075	-.0270079	.5555588
_Iea15_200	.2441736	.121563	2.01	0.045	.0058854	.4824618
_Iea15_201	.4600184	.1336653	3.44	0.001	.1980071	.7220296
_Iea15_202	-.1300625	.1616883	-0.80	0.421	-.4470046	.1868796
_Iea15_203	.340464	.1208717	2.82	0.005	.1035307	.5773972
_Iea15_221	-.5248688	.44594	-1.18	0.239	-1.399002	.3492644
_Iea15_222	.4258481	.1266213	3.36	0.001	.1776445	.6740517
_Iea15_223	-.0500727	.1338462	-0.37	0.708	-.3124385	.212293
_Iea15_231	.2838502	.2029597	1.40	0.162	-.1139921	.6816925
_Iea15_232	.4520883	.1274099	3.55	0.000	.2023389	.7018377
_Iea15_234	.5500492	.375077	1.47	0.143	-.1851781	1.285276
_Iea15_235	-.3139207	.2298984	-1.37	0.172	-.7645683	.136727
_Iea15_236	.0561608	.1089038	0.52	0.606	-.1573129	.2696344
_Iea15_237	.1129437	.2393878	0.47	0.637	-.3563051	.5821926
_Iea15_238	.0059615	.1525618	0.04	0.969	-.2930908	.3050138
_Iea15_240	.197109	.1040427	1.89	0.058	-.0068359	.4010538
_Iea15_251	-.1323719	.6622218	-0.20	0.842	-1.430462	1.165718
_Iea15_252	.7273065	.6207904	1.17	0.241	-.489569	1.944182
_Iea15_253	.0682954	.4517841	0.15	0.880	-.8172935	.9538844
_Iea15_254	(dropped)					
_Iea15_255	(dropped)					
_Iea15_256	(dropped)					
_Iea15_257	(dropped)					
_Iea15_271	(dropped)					
_Iea15_272	(dropped)					
_Iea15_273	-.2699866	.6314461	-0.43	0.669	-1.50775	.9677764
_Iea15_274	1.350868	.6274386	2.15	0.031	.1209606	2.580775
_Iea15_275	-1.927128	.6227775	-3.09	0.002	-3.147899	-.7063574
_Iea15_276	(dropped)					
_Iea15_277	(dropped)					
_Iea15_278	(dropped)					
_Iea15_279	(dropped)					
_Iea15_280	.0756266	.4522718	0.17	0.867	-.8109183	.9621714
_Iea15_281	(dropped)					
_Iea15_282	(dropped)					
_Iea15_283	(dropped)					
_Iea15_284	(dropped)					
_Iea15_285	.2006984	.6209739	0.32	0.747	-1.016537	1.417934
_Iea15_286	.4888769	.6248334	0.78	0.434	-.7359238	1.713678
_Iea15_287	(dropped)					
_Iea15_288	(dropped)					
_Iea15_289	(dropped)					
_Iea15_290	(dropped)					
_Iea15_291	-1.111594	.621234	-1.79	0.074	-2.329339	.1061513
_Iea15_292	.4136666	.2697737	1.53	0.125	-.1151448	.9424781
_Iea15_293	(dropped)					
_Iea15_294	(dropped)					
_Iea15_295	-.5926089	.6225124	-0.95	0.341	-1.81286	.6276422
_Iea15_296	.0966845	.6210078	0.16	0.876	-1.120617	1.313986
_Iea15_297	(dropped)					
_Iea15_298	.2378806	.4470726	0.53	0.595	-.6384728	1.114234
_Iea15_299	.22773	.3227582	0.71	0.480	-.4049417	.8604017
_Iea15_401	-.1298787	.1927622	-0.67	0.500	-.5077318	.2479744
_Iea15_402	-.0562141	.1796154	-0.31	0.754	-.4082968	.2958687

_Iea15_403	-.2162144	.2298973	-0.94	0.347	-.6668598	.234431
_Iea15_404	.0000983	.2287757	0.00	1.000	-.4483487	.4485453
_Iea15_405	.344591	.1333679	2.58	0.010	.0831628	.6060191
_Iea15_500	.16907	.1098315	1.54	0.124	-.0462221	.384362
_Iea15_501	-.0701264	.1620955	-0.43	0.665	-.3878666	.2476137
ea11	(dropped)					
ea13	-.004274	.002654	-1.61	0.107	-.0094763	.0009283
ea19	-.0286114	.0106985	-2.67	0.008	-.0495827	-.0076401
_cons	9.830176	.3738358	26.30	0.000	9.097382	10.56297

Regression for doctoral degree holders

```
. keep if ed6c1==3
(43649 observations deleted)

. xi: reg logincome SEX

      Source |       SS       df       MS              Number of obs =    4403
-------------+------------------------------           F(  1,  4401) =  201.68
       Model |  113.993702     1  113.993702            Prob > F      =  0.0000
    Residual |  2487.56839  4401  .565227992            R-squared     =  0.0438
-------------+------------------------------           Adj R-squared =  0.0436
       Total |   2601.5621  4402  .590995479           Root MSE      =  .75182

------------------------------------------------------------------------------
   logincome |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         SEX |    -.40392   .0284424   -14.20   0.000    -.4596815   -.3481585
       _cons |   10.65598   .0126503   842.35   0.000     10.63118    10.68078
------------------------------------------------------------------------------

. xi: reg logincome SEX age ed6b1yr2

      Source |       SS       df       MS              Number of obs =    4403
-------------+------------------------------           F(  3,  4399) =  538.16
       Model |  698.459506     3  232.819835            Prob > F      =  0.0000
    Residual |  1903.10259  4399  .432621639            R-squared     =  0.2685
-------------+------------------------------           Adj R-squared =  0.2680
       Total |   2601.5621  4402  .590995479           Root MSE      =  .65774

------------------------------------------------------------------------------
   logincome |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         SEX |  -.2345042   .0253533    -9.25   0.000    -.2842094   -.1847991
         age |   .0056309   .0018358     3.07   0.002     .0020318    .0092301
    ed6b1yr2 |   .0341606   .0018389    18.58   0.000     .0305554    .0377658
       _cons |   9.891722   .0594925   166.27   0.000     9.775087    10.00836
------------------------------------------------------------------------------

. xi: reg logincome SEX age ed6b1yr2 i.ed6d1_2
i.ed6d1_2         _Ied6d1_2_1-88      (_Ied6d1_2_1 for ed6d1_2==-57 omitted)

      Source |       SS       df       MS              Number of obs =    4403
-------------+------------------------------           F( 90,  4312) =   20.89
       Model |  790.014506    90  8.77793896            Prob > F      =  0.0000
    Residual |  1811.54759  4312  .420117716            R-squared     =  0.3037
-------------+------------------------------           Adj R-squared =  0.2891
       Total |   2601.5621  4402  .590995479           Root MSE      =  .64816

------------------------------------------------------------------------------
   logincome |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         SEX |  -.1637982   .0265177    -6.18   0.000    -.2157866   -.1118098
         age |   .0071762   .0019116     3.75   0.000     .0034285     .010924
    ed6b1yr2 |   .0335223   .0019114    17.54   0.000     .0297749    .0372697
 _Ied6d1_2_2 |   1.061894   .5292709     2.01   0.045     .0242503    2.099537
 _Ied6d1_2_3 |    1.11764    .399077     2.80   0.005     .3352441    1.900036
 _Ied6d1_2_4 |   1.177405   .4027596     2.92   0.003     .3877889    1.967021
 _Ied6d1_2_5 |   1.163288   .3991041     2.91   0.004     .3808386    1.945737
 _Ied6d1_2_6 |   .8301434    .385172     2.16   0.031     .0750083    1.585279
 _Ied6d1_2_7 |   1.199341     .39702     3.02   0.003     .4209777    1.977705
 _Ied6d1_2_8 |   1.207636   .4003484     3.02   0.003     .4227468    1.992524
```

_Ied6d1_2_9	1.067265	.376826	2.83	0.005	.3284923	1.806038
_Ied6d1_2_10	.9566164	.382574	2.50	0.012	.2065746	1.706658
_Ied6d1_2_11	.9301727	.3897519	2.39	0.017	.1660585	1.694287
_Ied6d1_2_12	1.001303	.379685	2.64	0.008	.256925	1.745681
_Ied6d1_2_13	.8301712	.3945577	2.10	0.035	.0566353	1.603707
_Ied6d1_2_14	1.14809	.3868686	2.97	0.003	.3896291	1.906552
_Ied6d1_2_15	1.039759	.3800059	2.74	0.006	.2947519	1.784766
_Ied6d1_2_16	1.117545	.4187962	2.67	0.008	.2964885	1.938601
_Ied6d1_2_17	1.219966	.3828957	3.19	0.001	.469293	1.970638
_Ied6d1_2_18	.9620018	.3818543	2.52	0.012	.213371	1.710632
_Ied6d1_2_19	.9479612	.3842719	2.47	0.014	.1945907	1.701332
_Ied6d1_2_20	1.114891	.3800432	2.93	0.003	.3698113	1.859971
_Ied6d1_2_21	1.557289	.4321961	3.60	0.000	.7099623	2.404615
_Ied6d1_2_22	1.607069	.5921169	2.71	0.007	.4462158	2.767923
_Ied6d1_2_23	1.343632	.3800893	3.54	0.000	.5984617	2.088803
_Ied6d1_2_24	1.256754	.5293096	2.37	0.018	.2190348	2.294473
_Ied6d1_2_25	.6557299	.7485571	0.88	0.381	-.8118269	2.123287
_Ied6d1_2_26	1.183295	.5298744	2.23	0.026	.1444683	2.222121
_Ied6d1_2_27	.5731298	.5918646	0.97	0.333	-.5872292	1.733489
_Ied6d1_2_28	1.200278	.5920059	2.03	0.043	.039642	2.360914
_Ied6d1_2_29	1.09228	.4153823	2.63	0.009	.2779174	1.906643
_Ied6d1_2_30	.9197316	.4584527	2.01	0.045	.0209286	1.818535
_Ied6d1_2_31	1.285727	.5923023	2.17	0.030	.1245097	2.446944
_Ied6d1_2_32	1.295487	.3919631	3.31	0.001	.5270382	2.063937
_Ied6d1_2_33	.7174564	.4388222	1.63	0.102	-.1428608	1.577773
_Ied6d1_2_34	.6032638	.5299331	1.14	0.255	-.4356776	1.642205
_Ied6d1_2_35	1.480242	.405944	3.65	0.000	.6843826	2.276101
_Ied6d1_2_36	1.263741	.37937	3.33	0.001	.5199805	2.007501
_Ied6d1_2_37	1.244056	.3798781	3.27	0.001	.4992992	1.988812
_Ied6d1_2_38	1.534964	.398943	3.85	0.000	.75283	2.317097
_Ied6d1_2_39	1.338854	.377063	3.55	0.000	.5996168	2.078092
_Ied6d1_2_40	1.21449	.3892827	3.12	0.002	.4512959	1.977685
_Ied6d1_2_41	1.17606	.399012	2.95	0.003	.3937907	1.958328
_Ied6d1_2_42	1.206069	.3945579	3.06	0.002	.432533	1.979606
_Ied6d1_2_43	1.313159	.384315	3.42	0.001	.5597038	2.066614
_Ied6d1_2_44	1.340006	.3790292	3.54	0.000	.5969134	2.083098
_Ied6d1_2_45	1.348883	.3926614	3.44	0.001	.5790643	2.118701
_Ied6d1_2_46	1.409601	.7484524	1.88	0.060	-.0577506	2.876953
_Ied6d1_2_47	1.441971	.3979927	3.62	0.000	.6617004	2.222241
_Ied6d1_2_48	1.493685	.4388463	3.40	0.001	.6333201	2.354049
_Ied6d1_2_49	1.346602	.4152345	3.24	0.001	.532529	2.160675
_Ied6d1_2_50	1.398166	.4100729	3.41	0.001	.5942118	2.202119
_Ied6d1_2_51	1.400229	.4734631	2.96	0.003	.4719976	2.32846
_Ied6d1_2_52	1.121935	.4078272	2.75	0.006	.3223837	1.921486
_Ied6d1_2_53	1.534138	.7484909	2.05	0.040	.0667107	3.001565
_Ied6d1_2_54	1.013881	.3982362	2.55	0.011	.2331328	1.794628
_Ied6d1_2_55	1.165546	.3938762	2.96	0.003	.3933459	1.937746
_Ied6d1_2_56	1.058197	.3789344	2.79	0.005	.3152904	1.801103
_Ied6d1_2_57	1.363565	.3970036	3.43	0.001	.5852336	2.141896
_Ied6d1_2_58	1.204331	.3832749	3.14	0.002	.4529154	1.955747
_Ied6d1_2_59	.8453326	.4101882	2.06	0.039	.0411529	1.649512
_Ied6d1_2_60	1.323129	.3945149	3.35	0.001	.5496771	2.096581
_Ied6d1_2_61	1.167373	.4079218	2.86	0.004	.3676368	1.96711
_Ied6d1_2_62	1.111588	.3754346	2.96	0.003	.3755425	1.847633
_Ied6d1_2_63	1.33023	.407969	3.26	0.001	.5304013	2.130059
_Ied6d1_2_64	1.086405	.3819298	2.84	0.004	.3376263	1.835184
_Ied6d1_2_65	1.232643	.4013773	3.07	0.002	.4457374	2.019549
_Ied6d1_2_66	.8433347	.4222194	2.00	0.046	.0155676	1.671102
_Ied6d1_2_67	1.15618	.3760759	3.07	0.002	.4188778	1.893482
_Ied6d1_2_68	1.189605	.4001679	2.97	0.003	.40507	1.97414
_Ied6d1_2_69	.9382118	.3772637	2.49	0.013	.1985809	1.677843
_Ied6d1_2_70	.9403084	.3815904	2.46	0.014	.1921949	1.688422
_Ied6d1_2_71	1.179075	.3838211	3.07	0.002	.4265883	1.931562

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_Ied6d1_2_72 |   1.095187   .3816542     2.87   0.004      .346949    1.843426
_Ied6d1_2_73 |   .8110486   .4079515     1.99   0.047     .0112538    1.610843
_Ied6d1_2_74 |   1.035128   .3980858     2.60   0.009      .254675    1.815581
_Ied6d1_2_75 |   1.068519   .3824414     2.79   0.005     .3187368    1.818301
_Ied6d1_2_76 |   1.355346   .4186568     3.24   0.001     .5345634    2.176129
_Ied6d1_2_77 |   1.364402   .4474114     3.05   0.002     .4872458    2.241559
_Ied6d1_2_78 |   1.082354   .3873903     2.79   0.005     .3228702    1.841838
_Ied6d1_2_79 |    .983636   .3855436     2.55   0.011     .2277721      1.7395
_Ied6d1_2_80 |   1.346316   .5917531     2.28   0.023     .1861759    2.506457
_Ied6d1_2_81 |   1.336941   .3778527     3.54   0.000     .5961553    2.077727
_Ied6d1_2_82 |   1.065011    .397092     2.68   0.007     .2865066    1.843516
_Ied6d1_2_83 |   1.252267   .5294206     2.37   0.018     .2143307    2.290204
_Ied6d1_2_84 |   1.109685    .415338     2.67   0.008     .2954084    1.923961
_Ied6d1_2_85 |   1.042173   .3808937     2.74   0.006     .2954256    1.788921
_Ied6d1_2_86 |   1.089177   .3795981     2.87   0.004     .3449699    1.833385
_Ied6d1_2_87 |    1.03022   .4125764     2.50   0.013     .2213576    1.839082
_Ied6d1_2_88 |   1.263798   .4735584     2.67   0.008     .3353796    2.192216
       _cons |   8.685331   .3781957    22.97   0.000     7.943873    9.426789
------------------------------------------------------------------------------

. xi: reg logincome SEX age ed6b1yr2 i.ed6d1_2 i.ea15 ea11 ea13 ea19
i.ed6d1_2         _Ied6d1_2_1-88      (_Ied6d1_2_1 for ed6d1_2==-57 omitted)
i.ea15            _Iea15_10-501       (naturally coded; _Iea15_10 omitted)

      Source |       SS       df       MS              Number of obs =    2292
-------------+------------------------------           F(177,  2114) =    5.84
       Model |  448.114607   177  2.53172094           Prob > F      =  0.0000
    Residual |  916.171338  2114  .433382847           R-squared     =  0.3285
-------------+------------------------------           Adj R-squared =  0.2722
       Total |  1364.28595  2291  .595498012           Root MSE      =  .65832

------------------------------------------------------------------------------
   logincome |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         SEX |  -.1532319   .0410467    -3.73   0.000    -.2337281   -.0727356
         age |   .0036671   .0028936     1.27   0.205    -.0020075    .0093417
    ed6b1yr2 |   .0309295   .0028922    10.69   0.000     .0252578    .0366013
 _Ied6d1_2_2 |   1.055589   .9650058     1.09   0.274     -.836871    2.948049
 _Ied6d1_2_3 |   .6277203   .7274521     0.86   0.388    -.7988763    2.054317
 _Ied6d1_2_4 |   .8244309   .7335954     1.12   0.261    -.6142134    2.263075
 _Ied6d1_2_5 |   .7751098    .718983     1.08   0.281    -.6348782    2.185098
 _Ied6d1_2_6 |   .5579006   .7128195     0.78   0.434    -.8400002    1.955801
 _Ied6d1_2_7 |   .8326901   .7174504     1.16   0.246    -.5742925    2.239673
 _Ied6d1_2_8 |   1.252509   .7601664     1.65   0.100    -.2382437    2.743261
 _Ied6d1_2_9 |    .873442   .7018067     1.24   0.213    -.5028619    2.249746
_Ied6d1_2_10 |   .7911036    .716022     1.10   0.269    -.6130776    2.195285
_Ied6d1_2_11 |   .6803351    .726037     0.94   0.349    -.7434865    2.104157
_Ied6d1_2_12 |   .8324748   .7074697     1.18   0.239    -.5549347    2.219884
_Ied6d1_2_13 |   .2716837    .720895     0.38   0.706    -1.142054    1.685421
_Ied6d1_2_14 |   .8108218   .7123246     1.14   0.255    -.5861086    2.207752
_Ied6d1_2_15 |   .8979859   .7035627     1.28   0.202    -.4817617    2.277733
_Ied6d1_2_16 |   1.099371   .7722015     1.42   0.155    -.4149835    2.613725
_Ied6d1_2_17 |   1.140256   .7080658     1.61   0.107    -.2483223    2.528835
_Ied6d1_2_18 |   .5544891   .7231662     0.77   0.443    -.8637026    1.972681
_Ied6d1_2_19 |   .5438695   .7189558     0.76   0.449    -.8660653    1.953804
_Ied6d1_2_20 |   .9420588   .7072385     1.33   0.183    -.4448973    2.329015
_Ied6d1_2_21 |   1.336819   .7654022     1.75   0.081    -.1642008     2.83784
_Ied6d1_2_22 |  (dropped)
_Ied6d1_2_23 |   .9391714   .7040496     1.33   0.182    -.4415311    2.319874
_Ied6d1_2_24 |   .7354104   .8497217     0.87   0.387    -.9309677    2.401789
_Ied6d1_2_25 |   .0348678   .9658563     0.04   0.971     -1.85926    1.928996
_Ied6d1_2_26 |   .9249341   .9603642     0.96   0.336    -.9584236    2.808292
_Ied6d1_2_27 |   1.346274   .9666551     1.39   0.164    -.5494205    3.241968
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_Ied6d1_2_28	1.147858	.9749354	1.18	0.239	-.7640753	3.059791
_Ied6d1_2_29	.9474853	.7906982	1.20	0.231	-.6031425	2.498113
_Ied6d1_2_30	.5256249	.7777441	0.68	0.499	-.9995987	2.050849
_Ied6d1_2_31	(dropped)					
_Ied6d1_2_32	.8550508	.7152741	1.20	0.232	-.5476637	2.257765
_Ied6d1_2_33	.5610463	.7991008	0.70	0.483	-1.00606	2.128152
_Ied6d1_2_34	-.0446094	1.073857	-0.04	0.967	-2.150537	2.061318
_Ied6d1_2_35	1.265026	.7349622	1.72	0.085	-.1762986	2.706351
_Ied6d1_2_36	.9311464	.7037089	1.32	0.186	-.4488878	2.31118
_Ied6d1_2_37	1.080241	.7093804	1.52	0.128	-.3109153	2.471398
_Ied6d1_2_38	1.169705	.7182023	1.63	0.104	-.2387518	2.578162
_Ied6d1_2_39	.9751685	.7003788	1.39	0.164	-.3983351	2.348672
_Ied6d1_2_40	1.014735	.7095436	1.43	0.153	-.3767415	2.406212
_Ied6d1_2_41	1.046693	.71983	1.45	0.146	-.3649563	2.458342
_Ied6d1_2_42	1.002926	.7446049	1.35	0.178	-.4573089	2.463161
_Ied6d1_2_43	.9141766	.7016538	1.30	0.193	-.4618274	2.290181
_Ied6d1_2_44	.9829352	.7024469	1.40	0.162	-.394624	2.360494
_Ied6d1_2_45	.922215	.7116453	1.30	0.195	-.4733832	2.317813
_Ied6d1_2_46	(dropped)					
_Ied6d1_2_47	1.217053	.7229816	1.68	0.092	-.2007765	2.634883
_Ied6d1_2_48	.8927841	.8497246	1.05	0.294	-.7735997	2.559168
_Ied6d1_2_49	1.070543	.7383013	1.45	0.147	-.3773295	2.518416
_Ied6d1_2_50	.9968424	.7217759	1.38	0.167	-.4186228	2.412308
_Ied6d1_2_51	1.323838	.838137	1.58	0.114	-.3198213	2.967498
_Ied6d1_2_52	.6455617	.7215636	0.89	0.371	-.769487	2.06061
_Ied6d1_2_53	(dropped)					
_Ied6d1_2_54	1.243389	.7634218	1.63	0.104	-.2537477	2.740525
_Ied6d1_2_55	.9069134	.7289085	1.24	0.214	-.5225393	2.336366
_Ied6d1_2_56	1.261722	.7163953	1.76	0.078	-.1431908	2.666636
_Ied6d1_2_57	.8197559	.724178	1.13	0.258	-.6004201	2.239932
_Ied6d1_2_58	.9758869	.7218954	1.35	0.177	-.4398127	2.391586
_Ied6d1_2_59	.5768446	.7598846	0.76	0.448	-.9133551	2.067044
_Ied6d1_2_60	1.245499	.7358947	1.69	0.091	-.1976544	2.688652
_Ied6d1_2_61	1.545989	.7736353	2.00	0.046	.0288227	3.063155
_Ied6d1_2_62	.8961385	.6970878	1.29	0.199	-.4709113	2.263188
_Ied6d1_2_63	1.116127	.7395811	1.51	0.131	-.3342558	2.56651
_Ied6d1_2_64	.8690382	.7180541	1.21	0.226	-.5391282	2.277205
_Ied6d1_2_65	1.103355	.7367985	1.50	0.134	-.3415708	2.548281
_Ied6d1_2_66	.1798962	.7952455	0.23	0.821	-1.379649	1.739442
_Ied6d1_2_67	.8913724	.6985395	1.28	0.202	-.4785242	2.261269
_Ied6d1_2_68	.9494255	.7247149	1.31	0.190	-.4718033	2.370654
_Ied6d1_2_69	.7684529	.7026637	1.09	0.274	-.6095315	2.146437
_Ied6d1_2_70	.6487758	.7070032	0.92	0.359	-.7377188	2.03527
_Ied6d1_2_71	1.102768	.7086103	1.56	0.120	-.2868779	2.492415
_Ied6d1_2_72	.9075018	.7051667	1.29	0.198	-.4753913	2.290395
_Ied6d1_2_73	.2563826	.7259623	0.35	0.724	-1.167292	1.680058
_Ied6d1_2_74	.587349	.7445948	0.79	0.430	-.8728661	2.047564
_Ied6d1_2_75	.7801528	.7055421	1.11	0.269	-.6034765	2.163782
_Ied6d1_2_76	.9873495	.7779224	1.27	0.205	-.5382238	2.512923
_Ied6d1_2_77	1.354966	.8447452	1.60	0.109	-.301653	3.011584
_Ied6d1_2_78	1.055151	.7159704	1.47	0.141	-.3489288	2.459231
_Ied6d1_2_79	.7805541	.7377891	1.06	0.290	-.6663144	2.227422
_Ied6d1_2_80	1.116334	.8549987	1.31	0.192	-.5603923	2.793061
_Ied6d1_2_81	1.091102	.7059304	1.55	0.122	-.2932888	2.475493
_Ied6d1_2_82	1.196189	.749409	1.60	0.111	-.2734669	2.665845
_Ied6d1_2_83	(dropped)					
_Ied6d1_2_84	1.173948	.7482628	1.57	0.117	-.29346	2.641357
_Ied6d1_2_85	.7316382	.7107831	1.03	0.303	-.6622693	2.125546
_Ied6d1_2_86	.8131153	.7184879	1.13	0.258	-.5959018	2.222132
_Ied6d1_2_87	.6409363	.7308718	0.88	0.381	-.7923668	2.074239
_Ied6d1_2_88	1.076575	.7974685	1.35	0.177	-.4873297	2.64048
_Iea15_21	.2499405	.2571598	0.97	0.331	-.2543722	.7542531
_Iea15_22	.1223011	.2485076	0.49	0.623	-.3650439	.609646

_Iea15_23	.3209875	.2528302	1.27	0.204	-.1748344	.8168094
_Iea15_24	.0755212	.4173851	0.18	0.856	-.7430073	.8940497
_Iea15_25	.125485	.2492328	0.50	0.615	-.3632821	.6142521
_Iea15_26	.0189265	.4093157	0.05	0.963	-.7837772	.8216301
_Iea15_27	.0918644	.2603821	0.35	0.724	-.4187674	.6024963
_Iea15_31	.3215318	.7012535	0.46	0.647	-1.053687	1.696751
_Iea15_32	.8076491	.7446985	1.08	0.278	-.6527692	2.268067
_Iea15_33	-1.182355	.5392164	-2.19	0.028	-2.239805	-.124905
_Iea15_40	-.2985808	.2942368	-1.01	0.310	-.8756047	.2784431
_Iea15_51	.1335085	.2626143	0.51	0.611	-.381501	.6485179
_Iea15_52	-.1245826	.3023084	-0.41	0.680	-.7174355	.4682703
_Iea15_53	.3187603	.2625024	1.21	0.225	-.1960297	.8335503
_Iea15_54	-.005402	.2891232	-0.02	0.985	-.5723977	.5615938
_Iea15_55	.1691142	.280673	0.60	0.547	-.3813099	.7195383
_Iea15_70	-.07406	.4027693	-0.18	0.854	-.8639257	.7158056
_Iea15_81	.137694	.714175	0.19	0.847	-1.262865	1.538253
_Iea15_82	.3322527	.2635429	1.26	0.208	-.1845778	.8490832
_Iea15_83	(dropped)					
_Iea15_84	.4139728	.3150677	1.31	0.189	-.2039023	1.031848
_Iea15_85	.095427	.2644264	0.36	0.718	-.4231362	.6139902
_Iea15_86	-.0687178	.2813004	-0.24	0.807	-.6203724	.4829367
_Iea15_87	.2487773	.313682	0.79	0.428	-.3663804	.863935
_Iea15_88	.2525675	.2502026	1.01	0.313	-.2381015	.7432365
_Iea15_89	.2507176	.2484312	1.01	0.313	-.2364775	.7379127
_Iea15_90	.1105527	.2745384	0.40	0.687	-.4278409	.6489463
_Iea15_91	.5269987	.3805553	1.38	0.166	-.2193032	1.273301
_Iea15_92	-.4722797	.4538612	-1.04	0.298	-1.362341	.4177815
_Iea15_93	.1660969	.2658542	0.62	0.532	-.3552663	.6874601
_Iea15_94	.2236199	.2592941	0.86	0.389	-.2848782	.7321181
_Iea15_95	.1355736	.5443583	0.25	0.803	-.9319602	1.203107
_Iea15_96	.0628111	.3022205	0.21	0.835	-.5298695	.6554917
_Iea15_97	.3607094	.5401306	0.67	0.504	-.6985335	1.419952
_Iea15_98	.3047863	.4103732	0.74	0.458	-.4999912	1.109564
_Iea15_99	.2220257	.2838457	0.78	0.434	-.3346204	.7786718
_Iea15_100	.3604	.3374215	1.07	0.286	-.3013128	1.022113
_Iea15_103	-.1898302	.3839947	-0.49	0.621	-.9428771	.5632167
_Iea15_110	-.6195479	.4487666	-1.38	0.168	-1.499618	.2605225
_Iea15_111	.7421751	.2592842	2.86	0.004	.2336963	1.250654
_Iea15_112	-.2441266	.3436659	-0.71	0.478	-.9180852	.4298321
_Iea15_113	.2167623	.7009697	0.31	0.757	-1.1579	1.591425
_Iea15_114	.167113	.3131984	0.53	0.594	-.4470963	.7813223
_Iea15_120	-.109895	.3245825	-0.34	0.735	-.7464293	.5266394
_Iea15_130	.0696412	.7018677	0.10	0.921	-1.306782	1.446065
_Iea15_141	.4996873	.2344714	2.13	0.033	.0398686	.9595061
_Iea15_151	.254295	.3067312	0.83	0.407	-.3472315	.8558216
_Iea15_152	.3425346	.466626	0.73	0.463	-.5725594	1.257629
_Iea15_153	.1289056	.2608071	0.49	0.621	-.3825597	.6403709
_Iea15_171	.1096307	.7309423	0.15	0.881	-1.323811	1.543072
_Iea15_172	.7154213	.7308885	0.98	0.328	-.7179144	2.148757
_Iea15_173	.0915277	.3091481	0.30	0.767	-.5147385	.6977939
_Iea15_174	.0396954	.3110228	0.13	0.898	-.5702473	.649638
_Iea15_175	.0993119	.7028945	0.14	0.888	-1.279125	1.477749
_Iea15_176	.2021002	.4574234	0.44	0.659	-.6949468	1.099147
_Iea15_191	-.0599397	.4089679	-0.15	0.883	-.8619612	.7420818
_Iea15_192	-.284537	.335496	-0.85	0.396	-.9424739	.3733998
_Iea15_193	.0500178	.2420763	0.21	0.836	-.4247149	.5247504
_Iea15_194	.1643222	.2910879	0.56	0.572	-.4065264	.7351708
_Iea15_195	-.5143153	.7759719	-0.66	0.508	-2.036063	1.007433
_Iea15_196	.2627788	.2498261	1.05	0.293	-.2271519	.7527094
_Iea15_197	.3436476	.3339127	1.03	0.304	-.3111842	.9984794
_Iea15_198	.0981459	.3186157	0.31	0.758	-.5266871	.7229789
_Iea15_200	.0947774	.3040243	0.31	0.755	-.5014406	.6909955
_Iea15_201	.4763307	.3229569	1.47	0.140	-.1570158	1.109677

_Iea15_202	.150817	.4090818	0.37	0.712	-.6514279	.953062
_Iea15_203	.6277561	.316616	1.98	0.048	.0068446	1.248668
_Iea15_222	.2131411	.5228391	0.41	0.684	-.8121918	1.238474
_Iea15_223	-.3709941	.381975	-0.97	0.332	-1.12008	.3780922
_Iea15_231	.0553796	.4466837	0.12	0.901	-.820606	.9313652
_Iea15_232	.3392686	.2730311	1.24	0.214	-.196169	.8747062
_Iea15_233	(dropped)					
_Iea15_234	.3773604	.7663096	0.49	0.622	-1.125439	1.88016
_Iea15_235	-.2501351	.3320164	-0.75	0.451	-.901248	.4009779
_Iea15_236	-.0460773	.2425871	-0.19	0.849	-.5218117	.4296571
_Iea15_237	.0834721	.3412513	0.24	0.807	-.5857514	.7526956
_Iea15_238	.1825801	.3325447	0.55	0.583	-.4695689	.8347291
_Iea15_240	-.4913014	.3225362	-1.52	0.128	-1.123823	.14122
_Iea15_252	(dropped)					
_Iea15_253	(dropped)					
_Iea15_254	(dropped)					
_Iea15_255	(dropped)					
_Iea15_256	(dropped)					
_Iea15_257	(dropped)					
_Iea15_271	(dropped)					
_Iea15_272	(dropped)					
_Iea15_273	1.343528	.7255529	1.85	0.064	-.0793442	2.7664
_Iea15_274	.4508652	.7044856	0.64	0.522	-.9306922	1.832423
_Iea15_275	-.5603854	.5237123	-1.07	0.285	-1.587431	.4666598
_Iea15_276	(dropped)					
_Iea15_277	(dropped)					
_Iea15_278	(dropped)					
_Iea15_279	.3982563	.7085905	0.56	0.574	-.9913512	1.787864
_Iea15_280	(dropped)					
_Iea15_281	(dropped)					
_Iea15_282	(dropped)					
_Iea15_283	(dropped)					
_Iea15_284	(dropped)					
_Iea15_285	(dropped)					
_Iea15_286	-.3875915	.7211691	-0.54	0.591	-1.801867	1.026684
_Iea15_287	(dropped)					
_Iea15_288	(dropped)					
_Iea15_289	.3958234	.5264018	0.75	0.452	-.6364962	1.428143
_Iea15_290	(dropped)					
_Iea15_291	-.2532739	.4567482	-0.55	0.579	-1.148997	.642449
_Iea15_292	(dropped)					
_Iea15_293	(dropped)					
_Iea15_294	(dropped)					
_Iea15_295	.5924248	.7054214	0.84	0.401	-.7909679	1.975818
_Iea15_296	(dropped)					
_Iea15_297	(dropped)					
_Iea15_298	(dropped)					
_Iea15_299	(dropped)					
_Iea15_401	.3374151	.5336721	0.63	0.527	-.7091622	1.383992
_Iea15_402	-1.064999	.5281177	-2.02	0.044	-2.100684	-.0293145
_Iea15_403	.0320684	.5279043	0.06	0.952	-1.003198	1.067335
_Iea15_404	-.9320349	.5267294	-1.77	0.077	-1.964997	.1009271
_Iea15_500	.2386841	.2625412	0.91	0.363	-.276182	.7535502
_Iea15_501	-.4221109	.7549094	-0.56	0.576	-1.902554	1.058332
ea11	(dropped)					
ea13	-.0138501	.0058183	-2.38	0.017	-.0252603	-.0024399
ea19	-.0655012	.0284553	-2.30	0.021	-.1213045	-.009698
_cons	9.153596	.7394855	12.38	0.000	7.703401	10.60379

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