

Annual Survey of Hours and Earnings: An analysis of historical data 1998-2003

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Key points

- A new annual earnings survey, the Annual Survey of Hours and Earnings (ASHE) has been developed to replace the New Earnings Survey (NES).
- ASHE is the Office for National Statistics' (ONS) first major survey redesign as part of a statistical modernisation programme.
- The ASHE methodology includes imputation and weighting; the main impact of these changes when applied to existing NES data for 2003 to 1998 are:
 - ◆ To increase the estimates of the level of average weekly pay over estimates published from the NES.
 - ◆ For males the increase in estimates of earnings is more than the increase for females. In particular this affects hourly pay excluding overtime, which is used in the calculation of the ONS' preferred measure of the gender pay gap. The estimate of hourly pay for males is increased more than the estimate for females, which widens the estimate of the gap between male and female hourly pay.
 - ◆ Estimates of the level of earnings for people working in London are increased more than estimates for other regions. This widens the estimate of the difference in pay between London and other regions of the UK.

Introduction

The ONS is undergoing a significant modernisation programme of its statistical systems to make them world class in the 21st Century. The objectives of this Statistical Modernisation Programme are:

- to re-engineer key statistical systems;
- to move ONS surveys and other data onto a corporate database system;
- to introduce a set of standard processing tools;
- to standardise and systematise the processing and presentation of statistical outputs.

The development of a new annual earnings survey, ASHE, to replace the NES is ONS' first major survey redesign as part of this modernisation programme. The NES was designed to meet the policy needs of the 1970's and has changed little over the past thirty years. ASHE provides an opportunity to meet users' requirements in the 21st Century, to improve the methodology of the survey and to make use of the new statistical tools ONS will be using in its modernisation programme.

The re-engineering of NES and the subsequent ASHE methodology take forward recommendations made in the [National Statistics Quality Review of the Distribution of Earnings Statistics](#) for improving the collection of earnings statistics. The main differences between the ASHE and NES methodologies are the estimation of missing responses, weighting of the results and better coverage (a summary is given in Appendix C). A more comprehensive description is given in the article [Methodology for the Annual Survey of Hours and Earnings](#).

Results for the 2003 NES survey were published for the last time in October 2003. The improvements in methodology and the use of new corporate statistical tools will cause a discontinuity between the published estimates for NES and the 2004 ASHE results. This article shows the impact of applying the new methodology and statistical tools to the existing NES data for

1998 to 2003. An analysis of the impact of the ASHE methodology on low pay statistics can be found in the article: [New methodology for low pay estimates](#).

ASHE results for 2004 will be published for the first time on 28 October 2004 subject to quality assurance and these will include supplementary data collected to improve coverage. The 2004 results will also be published without this additional information so that results can be compared with those presented in this article. After that time datasets from 1997 back to 1992 incorporating the ASHE methodology will be released. Due to the lack of availability of the Labour Force Survey estimates needed to calculate the weights for ASHE, there are no plans to produce ASHE datasets earlier than 1992. Therefore NES will remain the best available source of earnings estimates for the period 1991 back to 1970.

To show the overall effect of the ASHE methodology, tables in the main body of this article compare results with no imputation or weighting against results with both imputation and weighting. This has been done for two key variables: average gross weekly earnings and average gross hourly earnings. Tables given in Appendix A contain more detail for other variables, including estimates of medians. A more comprehensive set of results can be found here: [Annual Survey of Hours and Earnings](#). For the ASHE the median is ONS's preferred estimate for earnings data as it is more robust against extreme values. However, as past NES results have in the main been presented as means, this article concentrates on comparisons between means. It should be noted that the results presented in this article for the no imputation or weighting dataset differ slightly from published NES results. While the two are based on the same dataset, some small changes have been made to the version used in this article in order to improve the consistency of key variables (such as age and hours worked) and to correct some erroneous data.

The 2004 ASHE survey represents the first stage in the modernisation of annual earnings statistics. The NES questionnaire was poorly designed and allowed too much latitude for contributors to interpret the response requirement in their own way, which increases the variability of the data. Work is therefore being carried out to redesign the survey questionnaire using the best practice in questionnaire design. The new questionnaire improves the layout, routing, wording and definitions used. These improvements will lead to more consistent responses improving the quality of the data collected. The questionnaire is also easier to understand and to navigate and so should reduce the time taken by users to complete. ONS aims to introduce the new questionnaire for the 2005 survey, subject to the outcome of field-testing.

Whilst the core data collected by the new questionnaire will be essentially the same, questions have been added to collect new information in key policy areas (for example pensions). However, changes to wording and definitions mean that some of the information requested from respondents will differ from that supplied in previous surveys. For some variables this could lead to an inconsistency between the results for 2004 and 2005. A pilot study of the new questionnaire was completed in 2004 and the results from this study will be used to provide information on the type and extent of any discontinuity.

Summary of the impact of imputation on the main results

One of the main improvements in the ASHE methodology is the introduction of estimation for individual missing items. For NES, only the estimation of missing questionnaires for people earning over £2,000 per week is done. The ASHE imputes for item non-response for the key variables of basic pay/hours, overtime pay/hours and annual pay. For a record that has missing information for one of these key variables, a record is selected that closely matches it from the rest of the ASHE dataset and missing values are inserted from this matched record. This is known as donor imputation and is the recommended approach for dealing with this type of item non-response. In

order to keep the estimation process simple, imputation for missing items is needed by the weighting methodology so that a single weight can be calculated covering all of the key analysis variables. Without this imputation different weights would be needed, complicating the estimation of earnings and hours. This will also benefit users who calculate their own statistics from the data.

For full-time jobs donor imputation has a small effect on the results for weekly and annual earnings and hours worked, mainly increasing the values by under 0.3 per cent. This is because the characteristics of the non-responding record used for matching are similar to those of the donor set and therefore it is easier to find a close match.

For part-time jobs the sample size and corresponding donor set is much smaller. For this reason the imputed estimates are more variable than those for full-time jobs. The most noticeable effect is on estimates of weekly earnings of part-time males, due to the imputation of missing hours. During data checking, respondents who could not supply answers to the hours question were telephoned and asked to classify respondents as full or part-time workers. The earnings of such respondents were on average higher than the overall average. The new imputation methodology assigns these people to full/part time categories based on other information supplied on the questionnaire, rather than the respondent's interpretation of whether a job is full or part-time. This results in more consistent estimates. The effect of the improved imputation is to move a significant number of higher earners from a part-time classification in NES to full-time in ASHE, which reduces the level of part-time earnings for ASHE. The effect is particularly noticeable in 1998 and the revised part-time data is more in line with other years.

Summary of the impact of weighting on the main results

Estimates produced from the NES are not weighted. ASHE results are weighted to provide representative estimates of the population. The weights are calculated by calibration to the number of jobs estimated by the Labour Force Survey (LFS). The calibration is undertaken for 108 domains of the population based on respondent's age, sex, occupation and region of work place. The coverage of LFS differs to that of ASHE; in particular the ASHE sample excludes people not registered for PAYE, which leads to a variation in the weights calculated for ASHE. In addition ASHE response rates differ across the 108 domains as well as from year to year. For example, ASHE has a lower response rate for people with higher earnings. This causes further differences between ASHE counts and LFS estimates and hence variation in the calculated ASHE weights. For these reasons the weights for ASHE differ within and between years.

It should be noted that the LFS counts are themselves statistical estimates compiled using weights calculated from mid-year estimates of counts of the population based on the 2001 Census. Hence, LFS counts are subject to statistical variation, which causes a variation in the weights calculated for ASHE.

For gross weekly earnings, weighting increases all estimates. The reason for this is that the domains with lower response rates tend to have higher earnings. This means that larger weights are applied to responses with larger earnings, increasing the overall estimate. Males working in London and the South East in Standard Occupational Classification 2000 (SOC2000) major groups 1 to 3 tend to be under represented in ASHE when compared with the LFS and so receive larger weights but they also tend to have higher earnings.

Hence, for males the increase in estimates of earnings is more than the increase for females. In particular, this affects hourly pay excluding overtime, which is used in the calculation of the ONS' preferred measure of the gender pay gap. The estimate of hourly pay for males is increased more

than the estimate for females, which widens the estimate of the gap between male and female hourly pay. This increase is fairly consistent over time.

Estimates of the level of earnings for people working in London are increased more than estimates for other regions. This widens the estimate of the difference in pay between London and other regions of the UK.

The impact of imputation and weighting is now looked at in more detail in the following sections.

The aggregate impact of ASHE methodology on estimates of earnings

	Table 1 Employees' average pay ^a by gender and full-time/part-time work; United Kingdom									
	Average gross weekly earnings (£)					Average gross hourly earnings (£)				
	All	Men		Women		All	Men		Women	
		Full-time	Part-time	Full-time	Part-time		Full-time	Part-time	Full-time	Part-time
2003										
No imputation or weighting	393.6	523.0	163.6	395.2	150.0	11.42	12.76	8.83	10.56	7.78
Imputation and weighting	403.9	539.8	162.9	401.0	149.3	11.72	13.20	9.12	10.70	7.80
<i>Difference (per cent)</i>	2.6	3.2	-0.4	1.5	-0.5	2.7	3.5	3.3	1.3	0.3
2002										
No imputation or weighting	384.7	511.2	164.4	381.9	143.6	11.10	12.45	8.69	10.18	7.39
Imputation and weighting	391.5	523.3	160.9	386.8	142.3	11.35	12.82	8.79	10.32	7.40
<i>Difference (per cent)</i>	1.8	2.4	-2.1	1.3	-0.9	2.2	3.0	1.1	1.3	0.0
2001										
No imputation or weighting	368.9	488.1	142.9	365.6	135.2	10.60	11.85	7.61	9.74	7.01
Imputation and weighting	373.8	498.6	137.3	366.9	134.3	10.78	12.16	7.72	9.79	7.03
<i>Difference (per cent)</i>	1.3	2.2	-3.9	0.4	-0.7	1.7	2.6	1.4	0.5	0.3
2000										
No imputation or weighting	349.8	462.2	136.6	342.7	129.6	10.02	11.19	7.44	9.13	6.75
Imputation and weighting	354.5	471.7	133.3	344.7	129.9	10.22	11.50	7.53	9.22	6.81
<i>Difference (per cent)</i>	1.3	2.1	-2.4	0.6	0.3	2.0	2.8	1.2	1.0	0.8
1999										
No imputation or weighting	336.6	442.5	141.5	327.1	123.6	9.58	10.68	7.39	8.71	6.44
Imputation and weighting	340.9	453.4	137.7	331.0	124.1	9.79	11.03	7.48	8.83	6.48
<i>Difference (per cent)</i>	1.3	2.5	-2.7	1.2	0.4	2.1	3.3	1.2	1.5	0.6
1998										
No imputation or weighting	323.9	427.2	150.7	309.5	120.1	9.14	10.21	7.14	8.23	6.08
Imputation and weighting	328.6	438.3	129.8	315.0	117.7	9.38	10.58	7.16	8.40	6.17
<i>Difference (per cent)</i>	1.4	2.6	-13.9	1.8	-1.9	2.6	3.6	0.2	2.0	1.5

Source: Annual Survey of Hours and Earnings

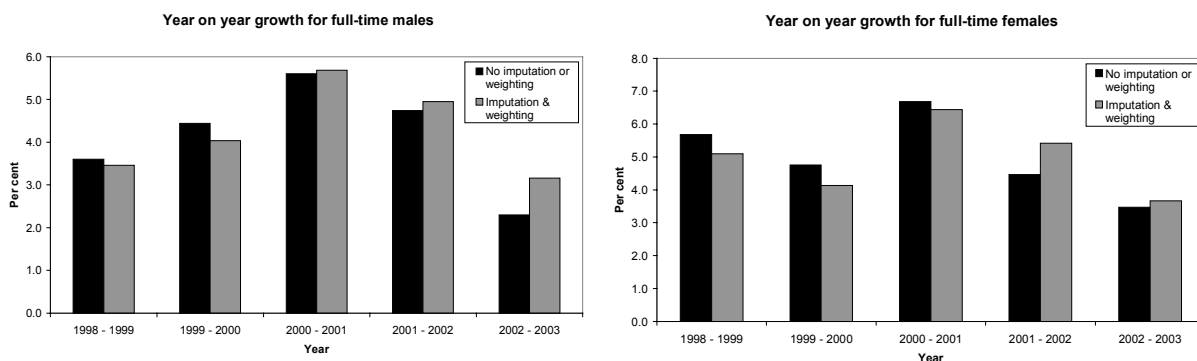
a Employees on adult rates, whose pay for the survey period was unaffected by absence

Imputation and weighting increase the estimates of gross weekly earnings for all employees for all years. While the impact is to increase estimates for full-time workers, it is greater for full-time males than for full-time females. The net effect of this is to widen the difference between estimates of earnings for males and females. ASHE has a higher non-response rate for higher earners, who tend to be males in the first three SOC2000 major groups: Managers, Professionals and Technicians. The Labour Force Survey has higher estimates of the number of jobs for the first three SOC2000 major groups than ASHE does. The weighting in ASHE compensates for this by assigning larger weights to responses in these occupation groups. However, because workers in these groups tend to earn more than other groups, weighting has a bigger effect on estimates of earnings. In addition, males tend to have higher earnings than females in these groups and so the larger weights also have a larger impact on estimates for males than for females.

Between 1998 and 2001 the impact of weighting on weekly earnings is fairly constant at around 1.3 per cent. However, the impact increases slightly in 2002 to 1.8 per cent and higher, at 2.6 per cent, in 2003. The reason, as noted above, is the different weights applied to different population domains. In 2002, the largest contribution to the increase caused by weighting comes from people in Occupation Group 1 and aged 22 to 49. For this group the LFS shows an increase, particularly for females, while ASHE changes little. The weight applied to this group therefore increases. The effect of this can be seen in Table 1 where the increase for full-time females changes from 0.4 per cent in 2001 to 1.3 per cent in 2002, while for males the figures are 2.2 and 2.4 respectively. In 2003 there is a similar effect, except that there is a larger increase in the estimate for the LFS. However this time it occurs more for males than for females while ASHE again changes little. This results in a much larger weight being applied to this group in 2003. As there are a large number of higher earners in this group, the impact of the weighting is to push up the estimates more than in previous years. The impact can be seen in Table 1 as the estimate for full-time males increases by 3.2 per cent in 2003 compared to 2.4 per cent in 2002, with a much smaller difference for full-time females; 1.5 and 1.3 for the same periods.

The impact of weighting, as noted above, changes the year on year growth rates for weekly earnings of full-time workers, as can be seen in Figure 1 and also in Table A2 in Appendix A. The increased impact in 2002 for females is shown in the growth rate for 2001-02 for females. Similarly the impact for males is seen in the growth rates for 2002-03 for males.

Figure 1 Year on year growth comparisons for males and females



The estimates of earnings for part-time jobs are lower after imputation and weighting, with the largest decrease occurring for part-time males. As noted earlier, this is partly due to imputation and particularly affects the estimates for 1998. In addition, as part-time jobs tend to be in lower paid occupations that also have higher response rates, and hence lower weights in ASHE, the impact of weighting decreases these estimates.

The impact of imputation and weighting is less on average total weekly hours worked estimates. Again the impact is larger for part-time rather than full-time workers for reasons noted earlier.

Earnings for men and women

Various methods can be used to measure the earnings of women relative to men. ONS prefers to use hourly earnings excluding overtime: including overtime can distort the picture as men work relatively more overtime than women. Although average hourly pay excluding overtime provides a useful comparison of men's and women's earnings, it does not reveal differences in rates of pay for comparable jobs. This is because such averages do not allow for the different employment

characteristics of men and women, such as the proportion in different occupations and their length of time in jobs. Past measures of the gender pay gap published by ONS have used average hourly earnings. The preferred measure for ASHE is the median and hence an alternative measure of the gender pay gap can be calculated using the median hourly earnings.

Table 2 Gender pay gap of employees^a: United Kingdom

	Average gross hourly earnings excluding overtime (£)				Ratio women/men		Year on year Change in the ratio	
	Men		Women		NES	ASHE	NES	ASHE
	NES	ASHE	NES	ASHE				
2003	12.88	13.29	10.56	10.70	82.0	80.5	1.0	0.6
2002	12.60	12.92	10.21	10.32	81.0	79.9	0.5	-0.1
2001	11.98	12.24	9.77	9.79	81.5	80.0	-0.4	0.2
2000	11.26	11.53	9.13	9.20	81.1	79.8	0.3	0.3
1999	10.78	11.10	8.71	8.83	80.8	79.5	0.8	0.7
1998	10.31	10.65	8.24	8.39	80.0	78.8		

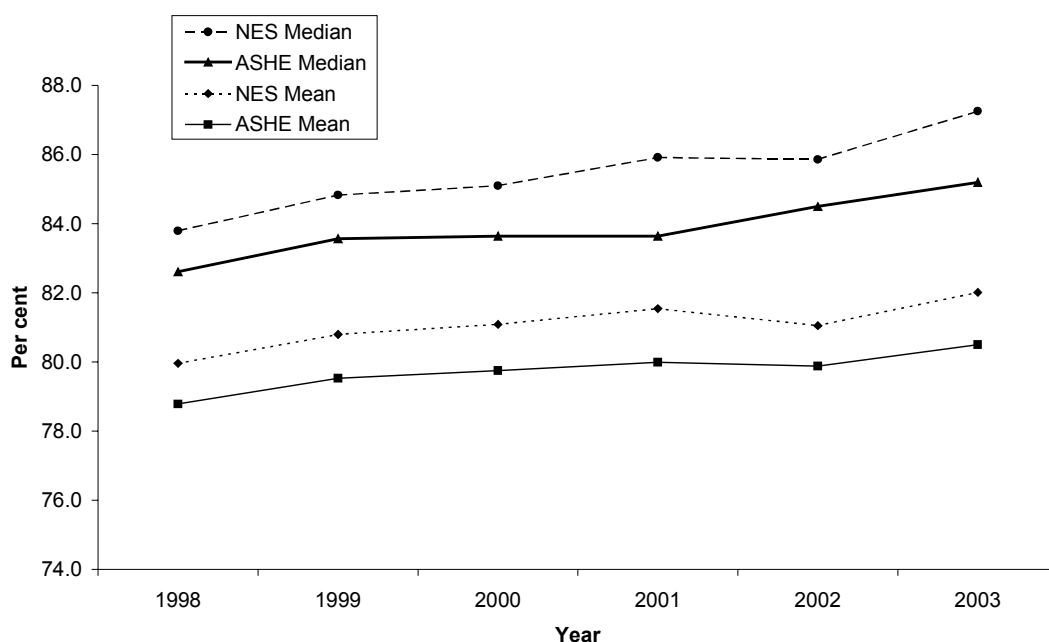
Sources: Annual Survey of Hours and Earnings
New Earnings Survey(NES)

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

As noted earlier, imputation and weighting affect the estimates of male and female pay differently, in particular increasing the earnings of full-time males more than for females. Table 2 shows that for 2003 the average hourly earnings excluding overtime for women from NES, at £10.56, were 82.0 per cent of those for men (£12.88) while for ASHE the figures are £10.70, £13.29 and 80.5 respectively. This is an increase in the estimate of the gender pay gap. Figure 2 below shows the variation in the gender pay difference since 1998.

Although the gender pay gap is larger under ASHE using average hourly earnings, it has narrowed over the last six years under both the old and new measures, by 2.0 per cent and 1.7 per cent respectively. As it was for NES, the gender pay gap is still at its narrowest for ASHE since the collection of earnings data began in 1970. The alternative measure using the median hourly earnings is shown for NES and ASHE in Figure 2.

Figure 2 Ratio of female to male hourly earnings, excluding overtime



Earnings by occupation

Table 3 below shows the impact by major occupation group. It should be noted that the occupational coding used for data coding changed in 2002. From 2002 to 2003 data are coded to the Standard Occupational Classification 2000 (SOC 2000) while data for 2001 and earlier were coded using the Standard Occupational Classification 1990 (SOC 1990). Hence, figures for 2001 and earlier should not be compared with figures for 2002 and 2003.

For 2002 and 2003 using SOC 2000 coding, weighting and imputation decrease estimates of weekly earnings for full-time employees for most occupations. The exceptions are the two groups Professional and Associate Professionals, where the impact increases weekly earnings. The impact for all occupations is much larger than for individual occupation groups. This is due to the larger weights given to the occupation groups Managers, Professionals and Technicians, which have higher weekly earnings.

Earnings by region

Table 4 below shows the impact by Government Office Region (GOR). For weekly earnings the impact of weighting increases earnings in a consistent way across regions. The exception is London, particularly for 2002 and 2003 and the South East in 2003. The reason for this was noted earlier: there is an increase in the weights for 2002 and 2003 for Occupation Group 1 caused by a higher estimate of jobs in the LFS compared to ASHE. London and the South East have higher concentrations of Occupation 1 jobs and also have higher earnings than other parts of the country. Hence, weighting has a larger impact on estimates for these areas.

Table 3 Employees' average gross weekly and hourly pay^a in April 1998 to 2003 by occupational group; United Kingdom

		Managers and senior officials	Professional	Associate professional and technical	Administrative and secretarial	Skilled trades	Personal service	Sales and customer service	Process, plant and machine operatives	Elementary	All occupations
SOC 2000											
2003											
Weekly	No imputation or weighting	745.3	649.2	527.1	337.6	411.0	282.0	288.0	371.7	306.5	474.2
	Imputation and weighting	738.1	653.1	530.6	335.7	410.1	280.8	282.5	370.8	300.4	487.6
	<i>Difference (per cent)</i>	-1.0	0.6	0.7	-0.6	-0.2	-0.4	-1.9	-0.3	-2.0	2.8
Hourly	No imputation or weighting	19.15	18.03	13.65	9.01	9.65	7.22	7.44	8.32	7.20	11.97
	Imputation and weighting	18.91	17.98	13.76	8.95	9.61	7.16	7.27	8.28	7.06	12.31
	<i>Difference (per cent)</i>	-1.3	-0.3	0.8	-0.6	-0.4	-0.9	-2.2	-0.4	-1.9	2.9
2002											
Weekly	No imputation or weighting	729.2	635.7	515.6	323.5	396.1	273.4	291.8	356.2	293.5	462.4
	Imputation and weighting	723.7	636.8	517.6	321.9	393.8	270.0	286.5	356.8	286.1	472.1
	<i>Difference (per cent)</i>	-0.8	0.2	0.4	-0.5	-0.6	-1.2	-1.8	0.2	-2.5	2.1
Hourly	No imputation or weighting	18.72	17.60	13.36	8.64	9.29	7.01	7.44	7.99	6.88	11.64
	Imputation and weighting	18.62	17.61	13.46	8.57	9.24	6.93	7.32	8.01	6.73	11.93
	<i>Difference (per cent)</i>	-0.5	0.1	0.7	-0.8	-0.5	-1.1	-1.6	0.3	-2.2	2.5
SOC 1990											
2001											
Weekly	No imputation or weighting	667.9	601.5	505.5	296.3	384.1	320.0	316.7	342.6	291.3	442.3
	Imputation and weighting	673.5	602.1	506.8	295.9	385.0	319.0	317.5	342.3	285.3	449.7
	<i>Difference (per cent)</i>	0.8	0.1	0.3	-0.1	0.2	-0.3	0.3	-0.1	-2.1	1.7
Hourly	No imputation or weighting	17.24	16.80	13.24	7.75	8.94	7.89	8.13	7.69	6.76	11.11
	Imputation and weighting	17.36	16.79	13.27	7.73	8.95	7.88	8.16	7.69	6.64	11.33
	<i>Difference (per cent)</i>	0.7	-0.1	0.3	-0.3	0.2	-0.1	0.3	0.0	-1.8	1.9
2000											
Weekly	No imputation or weighting	630.9	566.0	480.7	282.9	367.9	310.0	305.6	329.4	278.1	418.1
	Imputation and weighting	633.8	566.9	479.6	282.5	368.7	307.6	303.6	329.6	273.5	425.1
	<i>Difference (per cent)</i>	0.5	0.2	-0.2	-0.1	0.2	-0.8	-0.7	0.1	-1.7	1.7
Hourly	No imputation or weighting	16.24	15.88	12.57	7.41	8.53	7.71	7.85	7.39	6.37	10.48
	Imputation and weighting	16.32	15.84	12.62	7.40	8.55	7.68	7.81	7.40	6.30	10.71
	<i>Difference (per cent)</i>	0.5	-0.2	0.4	-0.2	0.2	-0.4	-0.5	0.2	-1.2	2.2
1999											
Weekly	No imputation or weighting	597.6	542.6	467.3	275.1	355.9	299.7	301.8	318.6	271.1	400.1
	Imputation and weighting	598.7	543.2	463.5	274.2	357.8	296.7	302.0	318.6	267.5	407.8
	<i>Difference (per cent)</i>	0.2	0.1	-0.8	-0.3	0.5	-1.0	0.1	0.0	-1.3	1.9
Hourly	No imputation or weighting	15.38	15.23	12.20	7.19	8.23	7.42	7.75	7.15	6.19	10.00
	Imputation and weighting	15.40	15.22	12.15	7.16	8.27	7.38	7.71	7.17	6.13	10.26
	<i>Difference (per cent)</i>	0.1	-0.1	-0.4	-0.4	0.4	-0.5	-0.5	0.2	-1.0	2.6
1998											
Weekly	No imputation or weighting	569.9	523.1	456.5	266.9	347.7	287.6	289.5	313.9	260.6	384.4
	Imputation and weighting	569.0	526.1	449.3	265.8	350.4	283.6	289.2	314.2	256.3	392.5
	<i>Difference (per cent)</i>	-0.2	0.6	-1.6	-0.4	0.8	-1.4	-0.1	0.1	-1.6	2.1
Hourly	No imputation or weighting	14.62	14.70	11.81	6.96	7.95	7.04	7.42	6.96	5.94	9.54
	Imputation and weighting	14.59	14.69	11.75	6.92	8.00	7.01	7.39	6.98	5.86	9.82
	<i>Difference (per cent)</i>	-0.2	0.0	-0.5	-0.5	0.6	-0.4	-0.4	0.3	-1.3	2.9

Source: Annual Survey of Hours and Earnings

^a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

Table 4 Employees' average gross weekly and hourly pay^a in April 1998 to 2003 by government office region and country; United Kingdom

		North East	North West	Yorkshire & the Humber	East Midlands	West Midlands	South West	East	London	South East	Wales	Scotland	Northern Ireland	United Kingdom
2003														
Weekly	No imputation or weighting	402.0	437.7	426.5	429.1	435.7	440.3	476.8	638.1	505.8	414.7	436.9	404.2	474.3
	Imputation and weighting	408.4	446.8	436.1	438.1	445.3	450.2	487.8	663.0	520.7	422.6	446.1	411.8	487.6
	<i>Difference (per cent)</i>	1.6	2.1	2.2	2.1	2.2	2.3	2.3	3.9	2.9	1.9	2.1	1.9	2.8
Hourly	No imputation or weighting	10.22	11.00	10.67	10.68	10.95	11.09	11.89	16.48	12.73	10.48	11.03	10.27	11.97
	Imputation and weighting	10.36	11.31	10.91	10.88	11.19	11.35	12.14	17.11	13.14	10.67	11.25	10.46	12.31
	<i>Difference (per cent)</i>	1.4	2.8	2.3	1.9	2.2	2.3	2.1	3.8	3.2	1.8	2.0	1.8	2.8
2002														
Weekly	No imputation or weighting	394.4	426.8	410.3	414.3	427.3	422.4	457.1	624.0	498.6	399.5	427.0	390.1	462.3
	Imputation and weighting	400.7	434.4	416.8	420.1	433.9	429.2	464.0	641.3	507.5	405.2	434.6	396.8	472.1
	<i>Difference (per cent)</i>	1.6	1.8	1.6	1.4	1.5	1.6	1.5	2.8	1.8	1.4	1.8	1.7	2.1
Hourly	No imputation or weighting	9.97	10.75	10.20	10.25	10.68	10.63	11.39	16.11	12.53	10.10	10.66	9.85	11.64
	Imputation and weighting	10.14	11.01	10.41	10.44	10.92	10.83	11.61	16.59	12.77	10.27	11.01	10.02	11.93
	<i>Difference (per cent)</i>	1.7	2.4	2.1	1.8	2.2	1.8	1.9	3.0	2.0	1.7	3.2	1.7	2.5
2001														
Weekly	No imputation or weighting	379.8	408.1	391.7	393.5	418.6	408.6	438.3	595.7	472.6	381.7	404.9	375.0	442.3
	Imputation and weighting	384.0	414.3	396.5	398.2	424.0	413.4	444.1	606.6	477.2	385.8	411.1	381.5	449.7
	<i>Difference (per cent)</i>	1.1	1.5	1.2	1.2	1.3	1.2	1.3	1.8	1.0	1.1	1.5	1.7	1.7
Hourly	No imputation or weighting	9.56	10.25	9.79	9.73	10.49	10.22	10.88	15.31	11.86	9.59	10.11	9.42	11.11
	Imputation and weighting	9.65	10.44	9.93	9.87	10.65	10.36	11.06	15.59	11.98	9.71	10.43	9.60	11.33
	<i>Difference (per cent)</i>	1.0	1.9	1.4	1.4	1.5	1.3	1.7	1.9	1.0	1.2	3.2	1.9	1.9
2000														
Weekly	No imputation or weighting	367.9	389.0	374.9	374.4	387.2	380.6	416.1	561.6	443.2	368.4	383.0	360.4	418.1
	Imputation and weighting	372.5	394.6	380.4	379.2	392.8	385.0	421.7	571.5	448.3	372.8	388.6	367.6	425.1
	<i>Difference (per cent)</i>	1.2	1.5	1.5	1.3	1.4	1.2	1.3	1.8	1.1	1.2	1.5	2.0	1.7
Hourly	No imputation or weighting	9.22	9.75	9.31	9.25	9.68	9.55	10.31	14.32	11.13	9.22	9.56	9.04	10.48
	Imputation and weighting	9.36	9.94	9.49	9.41	9.87	9.69	10.50	14.70	11.29	9.37	9.85	9.24	10.71
	<i>Difference (per cent)</i>	1.5	2.0	1.9	1.7	2.0	1.4	1.9	2.7	1.4	1.6	3.1	2.2	2.2
1999														
Weekly	No imputation or weighting	349.8	373.7	360.6	362.4	375.8	365.5	397.3	524.8	423.6	354.0	370.1	344.9	400.1
	Imputation and weighting	355.7	379.9	366.6	368.0	382.6	371.6	403.5	536.5	430.0	358.7	377.0	352.4	407.8
	<i>Difference (per cent)</i>	1.7	1.7	1.7	1.5	1.8	1.7	1.6	2.2	1.5	1.3	1.9	2.2	1.9
Hourly	No imputation or weighting	8.80	9.35	8.94	8.91	9.33	9.14	9.82	13.41	10.58	8.83	9.21	8.67	10.00
	Imputation and weighting	8.96	9.55	9.17	9.09	9.57	9.32	10.05	13.80	10.79	8.98	9.54	8.89	10.26
	<i>Difference (per cent)</i>	1.9	2.2	2.5	2.0	2.6	2.0	2.3	2.9	1.9	1.7	3.6	2.5	2.6
1998														
Weekly	No imputation or weighting	338.8	363.3	345.1	350.3	359.8	354.6	380.3	504.4	406.3	343.1	350.0	332.6	384.4
	Imputation and weighting	345.5	370.4	352.1	356.6	367.0	361.4	387.1	515.7	413.3	348.5	360.2	339.8	392.5
	<i>Difference (per cent)</i>	2.0	2.0	2.0	1.8	2.0	1.9	1.8	2.2	1.7	1.6	2.9	2.2	2.1
Hourly	No imputation or weighting	8.42	9.00	8.53	8.48	8.86	8.81	9.35	12.79	10.09	8.46	8.74	8.33	9.54
	Imputation and weighting	8.64	9.25	8.75	8.73	9.12	9.05	9.60	13.20	10.33	8.63	9.06	8.54	9.82
	<i>Difference (per cent)</i>	2.5	2.8	2.6	2.9	2.9	2.6	2.8	3.3	2.4	2.0	3.7	2.5	2.9

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

Earnings by age

Table 5 Employees' average pay^a in April 1998 to 2003 by age; United Kingdom

	Average gross weekly earnings (£)					Average gross hourly earnings (£)				
	18	22	30	40	50	18	22	30	40	50
	-21	-29	-39	-49	+	-21	-29	-39	-49	+
2003										
No imputation or weighting	250.4	386.5	503.2	523.1	481.6	6.35	9.84	12.67	13.20	12.11
Imputation and weighting	251.9	397.4	522.7	544.9	490.1	6.33	10.14	13.17	13.76	12.32
<i>Difference (%)</i>	0.6	2.8	3.9	4.2	1.8	-0.3	3.1	4.0	4.2	1.8
2002										
No imputation or weighting	245.4	381.3	492.3	507.9	470.0	6.21	9.67	12.35	12.84	11.76
Imputation and weighting	247.7	390.8	507.5	523.6	477.2	6.20	9.95	12.78	13.27	12.03
<i>Difference (%)</i>	0.9	2.5	3.1	3.1	1.5	-0.1	2.9	3.5	3.4	2.3
2001										
No imputation or weighting	238.1	365.9	471.8	486.3	449.7	5.99	9.25	11.81	12.26	11.24
Imputation and weighting	239.4	373.6	483.5	498.7	457.4	6.00	9.49	12.12	12.61	11.47
<i>Difference (%)</i>	0.5	2.1	2.5	2.6	1.7	0.1	2.5	2.6	2.9	2.1
2000										
No imputation or weighting	223.7	342.3	442.1	463.0	429.1	5.63	8.64	11.02	11.67	10.69
Imputation and weighting	225.7	349.8	453.9	475.9	435.8	5.67	8.87	11.36	12.07	10.95
<i>Difference (%)</i>	0.9	2.2	2.7	2.8	1.6	0.7	2.6	3.0	3.4	2.4
1999										
No imputation or weighting	220.2	328.3	424.7	442.6	412.8	5.50	8.26	10.57	11.15	10.24
Imputation and weighting	223.6	335.2	436.1	454.7	422.7	5.57	8.46	10.91	11.54	10.59
<i>Difference (%)</i>	1.5	2.1	2.7	2.7	2.4	1.3	2.4	3.2	3.5	3.4
1998										
No imputation or weighting	209.4	313.2	409.8	426.4	398.6	5.22	7.83	10.13	10.65	9.80
Imputation and weighting	211.8	320.2	422.2	440.5	408.0	5.26	8.04	10.50	11.11	10.17
<i>Difference (%)</i>	1.2	2.2	3.0	3.3	2.4	0.8	2.7	3.7	4.3	3.7

Source: Annual Survey of Hours and Earnings

^a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

The impact of weighting on weekly earnings of full-time employees increases with age, with the largest increase in the 40-49 age group. This is again due to the larger weights given to higher earners and earnings tend to increase with age.

Earnings by industry

In each year for 2001 to 2003 weighting increases the estimates of weekly earnings for all industries except Fishing, see Table 6 below. As expected, the largest impact occurs in the three industries that have the highest average weekly earnings: Financial intermediation, Mining and quarrying, Real estate, renting and business activities. There is also a larger impact on earnings in the Public administration and defence industries. The impact of weighting has a negative effect on the Hotels and restaurants and Fishing industries for certain years, due to the large number of lower earners in these industries.

Table 6 Employees' average gross weekly and hourly pay^a in April by industrial sector; United Kingdom

Industry sector (SIC ^b 2003)	Average gross weekly earnings (£)			Average gross hourly earnings (£)		
	No	Imputation	Difference	No	Imputation	Difference
	imputation or weighting	and weighting		imputation or weighting	and weighting	
			(per cent)			(per cent)
2003						
Agriculture, hunting and forestry	333.6	340.1	1.9	7.37	7.57	2.7
Fishing	399.4	392.6	-1.7	9.21	9.04	-1.8
Mining and quarrying	634.3	656.8	3.5	13.85	14.47	4.5
Manufacturing	466.4	477.0	2.3	11.37	11.62	2.3
Electricity, gas and water supply	526.6	542.4	3.0	13.41	13.75	2.6
Construction	480.1	487.7	1.6	10.98	11.18	1.8
Wholesale and retail trade; repair of motor vehicles, motor cycles and personal and household goods	404.9	416.6	2.9	9.97	10.27	3.0
Hotels and restaurants	307.1	310.7	1.2	7.48	7.63	1.9
Transport, storage and communication	459.8	473.4	3.0	10.66	10.98	3.1
Financial intermediation	628.6	662.4	5.4	17.43	18.34	5.3
Real estate, renting and business activities	545.9	568.5	4.1	13.87	14.42	3.9
Public administration and defence; compulsory social security	450.8	468.5	3.9	11.72	12.16	3.8
Education	475.7	481.9	1.3	13.29	13.49	1.5
Health and social work	438.9	445.6	1.5	11.36	11.53	1.5
Other community, social and personal service activities	487.3	498.1	2.2	12.24	12.57	2.7
All industries and services	474.2	487.6	2.8	11.97	12.31	2.9
2002						
Agriculture, hunting and forestry	333.4	336.1	0.8	7.28	7.52	3.3
Fishing	356.3	350.7	-1.6	8.18	8.08	-1.2
Mining and quarrying	574.2	591.7	3.0	13.05	13.68	4.9
Manufacturing	448.8	455.6	1.5	10.91	11.12	1.9
Electricity, gas and water supply	530.7	543.0	2.3	13.33	13.61	2.1
Construction	460.3	466.4	1.3	10.55	10.75	1.9
Wholesale and retail trade; repair of motor vehicles, motor cycles and personal and household goods	396.2	403.6	1.9	9.72	9.95	2.4
Hotels and restaurants	296.9	295.9	-0.3	7.23	7.27	0.5
Transport, storage and communication	452.6	462.3	2.2	10.54	10.83	2.7
Financial intermediation	635.4	671.0	5.6	17.51	18.49	5.6
Real estate, renting and business activities	547.3	564.4	3.1	13.83	14.36	3.8
Public administration and defence; compulsory social security	439.1	456.7	4.0	11.57	11.87	2.6
Education	456.3	459.6	0.7	12.80	12.94	1.1
Health and social work	423.4	427.7	1.0	10.82	11.10	2.5
Other community, social and personal service activities	457.4	468.4	2.4	11.22	11.82	5.3
All industries and services	462.5	472.2	2.1	11.65	11.94	2.5
2001						
Agriculture, hunting and forestry	301.4	302.6	0.4	6.79	6.92	1.9
Fishing	395.4	397.7	0.6	8.68	8.76	1.0
Mining and quarrying	563.2	581.1	3.2	12.74	13.21	3.6
Manufacturing	434.1	439.9	1.3	10.50	10.66	1.5
Electricity, gas and water supply	519.6	532.1	2.4	13.04	13.33	2.3
Construction	439.8	445.6	1.3	9.95	10.10	1.6
Wholesale and retail trade; repair of motor vehicles, motor cycles and personal and household goods	380.7	386.8	1.6	9.39	9.55	1.7
Hotels and restaurants	287.3	283.1	-1.5	7.06	6.97	-1.2
Transport, storage and communication	437.0	443.0	1.4	10.10	10.30	2.0
Financial intermediation	601.5	628.8	4.5	16.52	17.27	4.5
Real estate, renting and business activities	519.3	533.1	2.7	13.17	13.53	2.7
Public administration and defence; compulsory social security	423.0	437.9	3.5	11.13	11.42	2.6
Education	436.2	438.8	0.6	12.28	12.43	1.2
Health and social work	405.9	407.7	0.4	10.37	10.56	1.8
Other community, social and personal service activities	417.8	424.0	1.5	10.37	10.61	2.3
All industries and services	442.3	449.8	1.7	11.12	11.33	1.9

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence.

b Industries are coded according to the Standard Industrial Classification 2003.

Earnings by public and private sectors

Table 7	Employees' average pay ^a in April 1998 to 2003 by public versus private sector; United Kingdom			
	Average gross weekly earnings (£)		Average gross hourly earnings (£)	
	Public sector	Private sector	Public sector	Private sector
2003				
No imputation or weighting	465.2	478.1	12.37	11.80
Imputation and weighting	477.1	493.1	12.70	12.17
<i>Difference (per cent)</i>	2.6	3.1	2.7	3.1
2002				
No imputation or weighting	448.9	466.9	12.02	11.51
Imputation and weighting	457.8	479.1	12.26	11.83
<i>Difference (per cent)</i>	2.0	2.6	2.0	2.8
2001				
No imputation or weighting	431.3	446.7	11.49	10.99
Imputation and weighting	438.1	455.1	11.70	11.21
<i>Difference (per cent)</i>	1.6	1.9	1.8	2.0
2000				
No imputation or weighting	409.3	420.1	10.91	10.32
Imputation and weighting	417.4	428.7	11.09	10.46
<i>Difference (per cent)</i>	2.0	2.0	1.7	1.4
1999				
No imputation or weighting	394.6	401.5	10.50	9.82
Imputation and weighting	402.9	410.2	10.77	10.07
<i>Difference (per cent)</i>	2.1	2.2	2.6	2.5
1998				
No imputation or weighting	379.1	385.8	10.06	9.36
Imputation and weighting	387.6	395.2	10.34	9.64
<i>Difference (per cent)</i>	2.2	2.4	2.8	2.9

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

The impact of weighting on estimates for the public and private sectors is fairly consistent over time. Weighting impacts on the private sector more than the public, increasing the estimate of weekly earnings in 2003 by 3.1 per cent compared to a 2.6 per cent increase for the public sector. This is consistent with results presented elsewhere in this article and is due to there being more high earners in the private sector.

The impact on estimates of low pay

Analyses showing the number of jobs paid below the national minimum wage, with breakdowns by sex, minimum wage age band, part-time/full-time work, industry, occupation and region have been produced until 2003 using the NES and the Labour Force Survey. From 2004, the creation of the new ASHE survey will affect the methodology for producing the low pay estimates.

An article summarising the new low pay methodology can be found here: [New methodology for low pay estimates](#). The article includes the historical series of the low pay estimates on the new basis back to 1998.

Comparisons with the Average Earnings Index

Table 8 AEI, ASHE^a and NES^a annual growth^b rates for average weekly pay^c; United Kingdom

	All			Public			Private		
	AEI	ASHE	NES	AEI	ASHE	NES	AEI	ASHE	NES
2002 - 2003	3.4	4.0	3.0	5.4	5.6	5.1	2.9	3.4	2.1
2001 - 2002	4.0	4.6	3.7	3.4	4.0	3.7	4.2	4.9	3.8
2000 - 2001	5.4	5.4	5.2	6.2	4.7	5.1	5.2	5.8	5.4

Sources: *Annual Survey of Hours and Earnings (ASHE)*, *New Earnings Survey (NES)*
Average Earnings Index (AEI)

a All employees, including those not on adult rates and with loss of pay for the survey reference period.

b Growth is the April to April, year on year percentage increase.

c Average weekly pay excluding bonuses.

Figures before 2000 are not comparable between surveys due to definition changes for the AEI.

Each month ONS also collects information on earnings from the monthly survey used to construct the Average Earnings Index (AEI). This survey asks 8,300 employers to provide information about total pay and numbers of employees. The AEI itself is used to provide an estimate of the monthly growth in earnings per head, and is not used to produce estimates of levels of pay. The monthly survey does not ask detailed questions about, for example, the sex and occupations of their staff. It is therefore not possible to make detailed comparisons of growth in earnings between the AEI and the ASHE. Further, because the definition used to estimate the average gross weekly pay for the ASHE includes elements of bonus/incentive pay that relate to the ASHE survey period but which were paid outside of that period, it is not possible to compare growth in gross earnings between the two surveys.

The closest measure that can be derived from both surveys is for gross pay excluding bonus payments and the figures are given in Table 8 above. The ASHE results correspond well to the AEI growth rates, except for the public sector in 2000-01 where ASHE underestimates the growth compared to the AEI. A similar result occurs for NES.

2004 results

The ASHE results to be published subject to quality assurance on 28 October for April 2004 will be provided on the new basis and, to allow comparison with the results of previous years, will also be given without the additional samples being drawn this year. On 28 October, subject to quality assurance, ONS will also release final revised estimates for 2003, which will include late returned data and corrections to errors that are not yet available for inclusion in the 2003 results presented in this article. ONS will not revise the data for 2002 and earlier at that time.

Further information

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Appendix A: Tables of average earnings and hours worked

Table A1	Average gross annual earnings and growth in April 1999 to 2003 by gender and full-time/part-time work for all employees; United Kingdom
Table A2	Average gross weekly earnings and growth in April 1998 to 2003 by gender and full-time/part-time work for all employees; United Kingdom
Table A3	Average gross hourly earnings and growth in April 1998 to 2003 by gender and full-time/part-time work for all employees; United Kingdom
Table A4	Average total weekly hours and growth in April 1998 to 2003 by gender and full-time/part-time work for all employees; United Kingdom
Table A5	Average gross annual earnings and growth in April 1999 to 2003 by industry sector for full-time employees; United Kingdom
Table A6	Average gross weekly pay and growth in April 1998 to 2003 by industry sector for full-time employees; United Kingdom
Table A7	Average gross hourly pay and growth in April 1998 to 2003 by industry sector for full-time employees; United Kingdom
Table A8	Average total weekly hours and growth in April 1998 to 2003 by industry sector for full-time employees; United Kingdom
Table A9	Average gross annual earnings and growth in April 1999 to 2003 by occupational group for full-time employees; United Kingdom
Table A10	Average gross weekly pay and growth in April 1998 to 2003 by occupational group for full-time employees; United Kingdom
Table A11	Average gross hourly pay and growth in April 1998 to 2003 by occupational group for full-time employees; United Kingdom
Table A12	Average total weekly hours and growth in April 1998 to 2003 by occupational group for full-time employees; United Kingdom
Table A13	Average gross annual earnings and growth in April 1999 to 2003 by government office region and country for full-time employees; United Kingdom
Table A14	Average gross weekly pay and growth in April 1998 to 2003 by government office region and country for full-time employees; United Kingdom
Table A15	Average gross hourly pay and growth in April 1998 to 2003 by government office region and country for full-time employees; United Kingdom
Table A16	Average total weekly hours and growth in April 1998 to 2003 by government office region and country for full-time employees; United Kingdom
Table A17	Average gross annual earnings and growth in April 1999 to 2003 by age for full-time employees; United Kingdom
Table A18	Average gross weekly pay and growth in April 1998 to 2003 by age for full-time employees; United Kingdom
Table A19	Average gross hourly pay and growth in April 1998 to 2003 by age for full-time employees; United Kingdom
Table A20	Average total weekly hours and growth in April 1998 to 2003 by age for full-time employees; United Kingdom
Table A21	Average pay and growth, and hours in April 1998 to 2003 by public versus private sector for full-time employees; United Kingdom

Table A1 Average gross annual earnings^{a,b} and growth^c in April 1999 to 2003 by gender and full-time/part-time work for all employees¹; United Kingdom

	Full-time			Part-time			All employees		
	Men	Women	All	Men	Women	All	Men	Women	All
2003									
No imputation or weighting	27,925	20,239	25,056	9,244	7,641	7,915	26,346	14,827	20,717
Imputation only	27,945	20,291	25,094	9,382	7,679	7,973	26,341	14,824	20,708
<i>Difference (per cent)</i>	0.1	0.3	0.2	1.5	0.5	0.7	0.0	0.0	0.0
Imputation and weighting	28,893	20,609	25,859	9,524	7,697	8,016	27,243	15,027	21,351
<i>Total Difference (per cent)</i>	3.5	1.8	3.2	3.0	0.7	1.3	3.4	1.3	3.1
<i>Growth with no imputation or weighting (per cent)</i>	3.0	3.4	3.1	0.0	2.5	2.1	2.6	2.8	2.6
<i>Growth with imputation and weighting (per cent)</i>	3.8	3.5	3.8	1.3	3.6	3.5	3.3	3.5	3.6
2002									
No imputation or weighting	27,119	19,569	24,305	9,242	7,458	7,753	25,687	14,420	20,196
Imputation only	27,129	19,635	24,347	9,288	7,483	7,780	25,691	14,418	20,196
<i>Difference (per cent)</i>	0.0	0.3	0.2	0.5	0.3	0.4	0.0	0.0	0.0
Imputation and weighting	27,829	19,911	24,911	9,404	7,427	7,746	26,376	14,518	20,610
<i>Total Difference (per cent)</i>	2.6	1.7	2.5	1.7	-0.4	-0.1	2.7	0.7	2.0
<i>Growth with no imputation or weighting (per cent)</i>	3.7	4.5	3.8	11.4	7.2	8.1	3.5	4.9	3.7
<i>Growth with imputation and weighting (per cent)</i>	3.7	5.6	4.1	13.1	6.2	7.6	3.5	5.5	4.0
2001									
No imputation or weighting	26,158	18,733	23,426	8,293	6,960	7,171	24,830	13,747	19,476
Imputation only	26,162	18,752	23,444	8,303	7,011	7,214	24,835	13,749	19,480
<i>Difference (per cent)</i>	0.0	0.1	0.1	0.1	0.7	0.6	0.0	0.0	0.0
Imputation and weighting	26,841	18,847	23,925	8,311	6,991	7,197	25,474	13,757	19,822
<i>Total Difference (per cent)</i>	2.6	0.6	2.1	0.2	0.5	0.4	2.6	0.1	1.8
<i>Growth with no imputation or weighting (per cent)</i>	4.7	5.6	4.9	9.3	3.4	4.4	4.7	5.0	4.6
<i>Growth with imputation and weighting (per cent)</i>	4.9	5.3	4.9	8.8	2.8	3.8	5.0	4.6	4.7

Table A1 Average gross annual earnings^{a,b} and growth^c in April 1999 to 2003 by gender and full-time/part-time work for all employees^c; United Kingdom

	Full-time			Part-time			All employees		
	Men	Women	All	Men	Women	All	Men	Women	All
2000									
No imputation or weighting	24,983	17,733	22,337	7,588	6,729	6,866	23,705	13,092	18,617
Imputation only	24,978	17,730	22,339	7,743	6,792	6,943	23,708	13,092	18,619
<i>Difference (per cent)</i>	0.0	0.0	0.0	2.0	0.9	1.1	0.0	0.0	0.0
Imputation and weighting	25,594	17,890	22,801	7,638	6,800	6,933	24,261	13,151	18,939
<i>Total Difference (per cent)</i>	2.4	0.9	2.1	0.7	1.0	1.0	2.3	0.5	1.7
<i>Growth with no imputation or weighting (per cent)</i>	7.0	7.7	7.1	-2.6	9.2	6.8	6.7	7.6	6.7
<i>Growth with imputation and weighting (per cent)</i>	6.7	7.2	7.0	-0.8	9.7	7.7	6.5	7.4	7.0
1999									
No imputation or weighting	23,354	16,468	20,858	7,795	6,164	6,426	22,226	12,169	17,449
Imputation only	23,360	16,481	20,872	7,775	6,191	6,446	22,228	12,166	17,448
<i>Difference (per cent)</i>	0.0	0.1	0.1	-0.2	0.5	0.3	0.0	0.0	0.0
Imputation and weighting	23,997	16,692	21,314	7,702	6,200	6,437	22,790	12,246	17,702
<i>Total Difference (per cent)</i>	2.8	1.4	2.2	-1.2	0.6	0.2	2.5	0.6	1.4
<i>Growth with no imputation or weighting (per cent)</i>									
<i>Growth with imputation and weighting (per cent)</i>									

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates

b Annual earnings estimates relate to employees who have been in the same job for at least 12 months, regardless of whether or not their pay was affected by absence.

c Growth is year on year increase

Table A2 Average gross weekly earnings^a and growth^b in April 1998 to 2003 by gender and full-time/part-time work for all employees^c; United Kingdom

	Full-time			Part-time			All employees		
	Men	Women	All	Men	Women	All	Men	Women	All
2003									
No imputation or weighting	523.0	395.2	474.2	164.0	150.0	152.0	491.0	293.0	394.0
Imputation only	523.5	395.4	474.5	162.0	150.0	152.0	491.0	292.0	393.0
<i>Difference (per cent)</i>	0.1	0.1	0.1	-1.2	-0.3	-0.4	0.1	-0.2	-0.1
Imputation and weighting	540.0	401.0	488.0	163.0	149.0	152.0	507.0	295.0	404.0
<i>Total Difference (per cent)</i>	3.2	1.5	2.8	-0.4	-0.5	-0.4	3.2	0.9	2.6
<i>Growth with no imputation or weighting (per cent)</i>	2.3	3.5	2.5	-0.5	4.5	3.5	2.0	3.6	2.3
<i>Growth with imputation and weighting (per cent)</i>	3.2	3.7	3.3	1.3	4.9	4.3	2.7	4.0	3.2
2002									
No imputation or weighting	511.0	382.0	462.0	164.0	144.0	147.0	481.0	283.0	385.0
Imputation only	511.0	382.0	462.0	161.0	144.0	147.0	482.0	283.0	385.0
<i>Difference (per cent)</i>	-0.1	0.1	0.0	-1.9	0.3	-0.2	0.1	0.1	0.1
Imputation and weighting	523.0	387.0	472.0	161.0	142.0	145.0	493.0	284.0	391.0
<i>Total Difference (per cent)</i>	2.4	1.3	2.1	-2.1	-0.9	-1.2	2.5	0.5	1.8
<i>Growth with no imputation or weighting (per cent)</i>	4.7	4.5	4.6	15.0	6.2	7.8	4.6	4.4	4.3
<i>Growth with imputation and weighting (per cent)</i>	5.0	5.4	5.0	17.2	6.0	7.9	5.0	5.1	4.7
2001									
No imputation or weighting	488.0	366.0	442.0	143.0	135.0	137.0	460.0	271.0	369.0
Imputation only	488.0	366.0	442.0	139.0	135.0	136.0	461.0	271.0	369.0
<i>Difference (per cent)</i>	-0.1	0.0	0.0	-2.4	0.2	-0.3	0.1	0.1	0.1
Imputation and weighting	499.0	367.0	450.0	137.0	134.0	135.0	470.0	270.0	374.0
<i>Total Difference (per cent)</i>	2.2	0.4	1.7	-3.9	-0.7	-1.3	2.1	-0.2	1.3
<i>Growth with no imputation or weighting (per cent)</i>	5.6	6.7	5.8	4.6	4.4	4.4	5.3	6.4	5.5
<i>Growth with imputation and weighting (per cent)</i>	5.7	6.4	5.8	3.0	3.3	3.3	5.4	6.0	5.5

Table A2 Average gross weekly earnings^a and growth^b in April 1998 to 2003 by gender and full-time/part-time work for all employees^c; United Kingdom

	Full-time			Part-time			All employees		
	Men	Women	All	Men	Women	All	Men	Women	All
2000									
No imputation or weighting	462.0	343.0	418.0	137.0	130.0	131.0	437.0	255.0	350.0
Imputation only	462.0	343.0	418.0	136.0	130.0	131.0	438.0	255.0	350.0
<i>Difference (per cent)</i>	-0.1	0.0	0.0	-0.5	0.6	0.4	0.1	0.1	0.1
Imputation and weighting	472.0	345.0	425.0	133.0	130.0	130.0	446.0	255.0	354.0
<i>Total Difference (per cent)</i>	2.1	0.6	1.7	-2.4	0.3	-0.2	2.0	0.2	1.3
<i>Growth with no imputation or weighting (per cent)</i>	4.4	4.8	4.5	-3.5	4.9	3.3	4.1	4.2	3.9
<i>Growth with imputation and weighting (per cent)</i>	4.0	4.1	4.2	-3.2	4.7	3.3	3.8	3.7	4.0
1999									
No imputation or weighting	443.0	327.0	400.0	141.0	124.0	127.0	420.0	245.0	337.0
Imputation only	443.0	327.0	400.0	139.0	124.0	127.0	421.0	245.0	337.0
<i>Difference (per cent)</i>	0.0	0.1	0.1	-1.6	0.4	0.0	0.1	0.2	0.2
Imputation and weighting	453.0	331.0	408.0	138.0	124.0	126.0	429.0	246.0	341.0
<i>Total Difference (per cent)</i>	2.5	1.2	1.9	-2.7	0.4	-0.2	2.2	0.6	1.3
<i>Growth with no imputation or weighting (per cent)</i>	3.6	5.7	4.1	-6.1	2.9	1.1	3.3	5.5	3.9
<i>Growth with imputation and weighting (per cent)</i>	3.5	5.1	3.9	6.1	5.4	5.6	3.4	4.9	3.7
1998									
No imputation or weighting	427.0	310.0	384.0	151.0	120.0	125.0	407.0	232.0	324.0
Imputation only	428.0	310.0	385.0	133.0	117.0	120.0	407.0	232.0	325.0
<i>Difference (per cent)</i>	0.1	0.3	0.1	-11.5	-2.5	-4.4	0.2	0.2	0.2
Imputation and weighting	438.0	315.0	393.0	130.0	118.0	120.0	415.0	235.0	329.0
<i>Total Difference (per cent)</i>	2.6	1.8	2.1	-13.9	-1.9	-4.4	2.2	1.2	1.4
<i>Growth with no imputation or weighting (per cent)</i>									
<i>Growth with imputation and weighting (per cent)</i>									

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

Table A3 Average gross hourly earnings^a and growth^b in April 1998 to 2003 by gender and full-time/part-time work for all employees; United Kingdom

	Full-time			Part-time			All employees		
	Men	Women	All	Men	Women	All	Men	Women	All
2003									
No imputation or weighting	13.00	11.00	12.00	9.00	8.00	8.00	13.00	10.00	11.00
Imputation only	13.00	11.00	12.00	9.00	8.00	8.00	13.00	10.00	11.00
<i>Difference (per cent)</i>	<i>0.1</i>	<i>0.0</i>	<i>0.0</i>	<i>0.9</i>	<i>0.1</i>	<i>0.3</i>	<i>0.1</i>	<i>-0.1</i>	<i>0.0</i>
Imputation and weighting	13.00	11.00	12.00	9.00	8.00	8.00	13.00	10.00	12.00
<i>Total Difference (per cent)</i>	<i>3.5</i>	<i>1.3</i>	<i>2.9</i>	<i>3.3</i>	<i>0.3</i>	<i>0.9</i>	<i>3.5</i>	<i>1.0</i>	<i>2.7</i>
<i>Growth with no imputation or weighting (per cent)</i>	<i>2.5</i>	<i>3.8</i>	<i>2.8</i>	<i>1.6</i>	<i>5.2</i>	<i>4.6</i>	<i>2.4</i>	<i>4.1</i>	<i>2.9</i>
<i>Growth with imputation and weighting (per cent)</i>	<i>2.9</i>	<i>3.7</i>	<i>3.2</i>	<i>3.8</i>	<i>5.4</i>	<i>5.2</i>	<i>2.9</i>	<i>4.1</i>	<i>3.3</i>
2002									
No imputation or weighting	12.00	10.00	12.00	9.00	7.00	8.00	12.00	9.00	11.00
Imputation only	12.00	10.00	12.00	9.00	7.00	8.00	12.00	9.00	11.00
<i>Difference (per cent)</i>	<i>0.4</i>	<i>0.3</i>	<i>0.3</i>	<i>0.2</i>	<i>0.5</i>	<i>0.5</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>
Imputation and weighting	13.00	10.00	12.00	9.00	7.00	8.00	13.00	10.00	11.00
<i>Total Difference (per cent)</i>	<i>3.0</i>	<i>1.3</i>	<i>2.5</i>	<i>1.1</i>	<i>0.0</i>	<i>0.3</i>	<i>2.9</i>	<i>1.0</i>	<i>2.2</i>
<i>Growth with no imputation or weighting (per cent)</i>	<i>5.0</i>	<i>4.5</i>	<i>4.8</i>	<i>14.2</i>	<i>5.5</i>	<i>7.1</i>	<i>5.1</i>	<i>4.5</i>	<i>4.7</i>
<i>Growth with imputation and weighting (per cent)</i>	<i>5.5</i>	<i>5.4</i>	<i>5.4</i>	<i>13.8</i>	<i>5.2</i>	<i>6.7</i>	<i>5.6</i>	<i>5.1</i>	<i>5.3</i>
2001									
No imputation or weighting	12.00	10.00	11.00	8.00	7.00	7.00	12.00	9.00	11.00
Imputation only	12.00	10.00	11.00	8.00	7.00	7.00	12.00	9.00	11.00
<i>Difference (per cent)</i>	<i>0.1</i>	<i>0.2</i>	<i>0.1</i>	<i>1.4</i>	<i>0.6</i>	<i>0.8</i>	<i>0.0</i>	<i>0.3</i>	<i>0.1</i>
Imputation and weighting	12.00	10.00	11.00	8.00	7.00	7.00	12.00	9.00	11.00
<i>Total Difference (per cent)</i>	<i>2.6</i>	<i>0.5</i>	<i>1.9</i>	<i>1.4</i>	<i>0.3</i>	<i>0.6</i>	<i>2.5</i>	<i>0.4</i>	<i>1.7</i>
<i>Growth with no imputation or weighting (per cent)</i>	<i>5.9</i>	<i>6.7</i>	<i>6.1</i>	<i>2.3</i>	<i>3.8</i>	<i>3.6</i>	<i>5.8</i>	<i>6.1</i>	<i>5.8</i>
<i>Growth with imputation and weighting (per cent)</i>	<i>5.7</i>	<i>6.2</i>	<i>5.8</i>	<i>2.5</i>	<i>3.3</i>	<i>3.2</i>	<i>5.6</i>	<i>5.6</i>	<i>5.5</i>

Table A3 Average gross hourly earnings^a and growth^b in April 1998 to 2003 by gender and full-time/part-time work for all employees; United Kingdom

	Full-time			Part-time			All employees		
	Men	Women	All	Men	Women	All	Men	Women	All
2000									
No imputation or weighting	11.00	9.00	10.00	7.00	7.00	7.00	11.00	9.00	10.00
Imputation only	11.00	9.00	11.00	8.00	7.00	7.00	11.00	9.00	10.00
<i>Difference (per cent)</i>	0.3	0.4	0.3	1.5	0.7	0.9	0.3	0.4	0.3
Imputation and weighting	12.00	9.00	11.00	8.00	7.00	7.00	11.00	9.00	10.00
<i>Total Difference (per cent)</i>	2.8	1.0	2.2	1.2	0.8	0.9	2.7	0.8	2.0
<i>Growth with no imputation or weighting (per cent)</i>	4.8	4.8	4.7	0.6	4.9	4.1	4.7	4.6	4.5
<i>Growth with imputation and weighting (per cent)</i>	4.3	4.4	4.4	0.6	5.2	4.3	4.2	4.4	4.4
1999									
No imputation or weighting	11.00	9.00	10.00	7.00	6.00	7.00	11.00	8.00	10.00
Imputation only	11.00	9.00	10.00	7.00	6.00	7.00	11.00	8.00	10.00
<i>Difference (per cent)</i>	0.4	0.3	0.3	0.3	0.2	0.3	0.3	0.2	0.2
Imputation and weighting	11.00	9.00	10.00	7.00	6.00	7.00	11.00	8.00	10.00
<i>Total Difference (per cent)</i>	3.3	1.5	2.6	1.2	0.6	0.7	3.2	1.1	2.1
<i>Growth with no imputation or weighting (per cent)</i>	4.6	5.8	4.9	3.5	5.8	5.5	4.5	5.7	4.8
<i>Growth with imputation and weighting (per cent)</i>	4.3	5.2	4.5	4.5	4.9	4.9	4.2	5.0	4.4
1998									
No imputation or weighting	10.00	8.00	10.00	7.00	6.00	6.00	10.00	8.00	9.00
Imputation only	10.00	8.00	10.00	7.00	6.00	6.00	10.00	8.00	9.00
<i>Difference (per cent)</i>	0.5	0.4	0.4	0.5	0.5	0.6	0.4	0.3	0.3
Imputation and weighting	11.00	8.00	10.00	7.00	6.00	6.00	10.00	8.00	9.00
<i>Total Difference (per cent)</i>	3.6	2.0	2.9	0.2	1.5	1.4	3.4	1.7	2.6
<i>Growth with no imputation or weighting (per cent)</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Growth with imputation and weighting (per cent)</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

Table A4 Average total weekly hours^a and growth^b in April 1998 to 2003 by gender and full-time/part-time work for all employees^c; United Kingdom

	Full-time			Part-time			All employees		
	Men	Women	All	Men	Women	All	Men	Women	All
2003									
No imputation or weighting	41.0	37.0	40.0	19.0	20.0	19.0	39.0	30.0	35.0
Imputation only	41.0	37.0	40.0	18.0	19.0	19.0	39.0	30.0	34.0
<i>Difference (per cent)</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>-3.2</i>	<i>-1.5</i>	<i>-1.8</i>	<i>-0.4</i>	<i>-0.8</i>	<i>-0.6</i>
Imputation and weighting	41.0	37.0	40.0	18.0	19.0	19.0	39.0	30.0	34.0
<i>Total Difference (per cent)</i>	<i>-0.1</i>	<i>0.2</i>	<i>0.0</i>	<i>-4.8</i>	<i>-1.8</i>	<i>-2.4</i>	<i>-0.6</i>	<i>-0.8</i>	<i>-0.6</i>
<i>Growth with no imputation or weighting (per cent)</i>	<i>0.1</i>	<i>-0.1</i>	<i>-0.1</i>	<i>-2.0</i>	<i>-0.7</i>	<i>-1.0</i>	<i>-0.3</i>	<i>-0.3</i>	<i>-0.5</i>
<i>Growth with imputation and weighting (per cent)</i>	<i>0.2</i>	<i>0.0</i>	<i>0.1</i>	<i>-2.4</i>	<i>-0.5</i>	<i>-0.8</i>	<i>-0.2</i>	<i>-0.1</i>	<i>-0.2</i>
2002									
No imputation or weighting	41.0	37.0	40.0	19.0	20.0	20.0	39.0	30.0	35.0
Imputation only	41.0	37.0	40.0	19.0	19.0	19.0	39.0	30.0	35.0
<i>Difference (per cent)</i>	<i>-0.1</i>	<i>0.0</i>	<i>-0.1</i>	<i>-3.3</i>	<i>-1.5</i>	<i>-1.8</i>	<i>-0.6</i>	<i>-0.7</i>	<i>-0.7</i>
Imputation and weighting	41.0	37.0	40.0	18.0	19.0	19.0	39.0	30.0	35.0
<i>Total Difference (per cent)</i>	<i>-0.3</i>	<i>0.1</i>	<i>-0.1</i>	<i>-4.4</i>	<i>-2.1</i>	<i>-2.5</i>	<i>-0.8</i>	<i>-1.0</i>	<i>-0.9</i>
<i>Growth with no imputation or weighting (per cent)</i>	<i>-0.5</i>	<i>0.0</i>	<i>-0.4</i>	<i>3.1</i>	<i>0.9</i>	<i>1.2</i>	<i>-0.7</i>	<i>-0.2</i>	<i>-0.6</i>
<i>Growth with imputation and weighting (per cent)</i>	<i>-0.5</i>	<i>0.0</i>	<i>-0.3</i>	<i>2.9</i>	<i>0.8</i>	<i>1.1</i>	<i>-0.6</i>	<i>-0.1</i>	<i>-0.5</i>
2001									
No imputation or weighting	41.0	37.0	40.0	19.0	19.0	19.0	40.0	30.0	35.0
Imputation only	41.0	37.0	40.0	18.0	19.0	19.0	39.0	30.0	35.0
<i>Difference (per cent)</i>	<i>-0.1</i>	<i>0.0</i>	<i>-0.1</i>	<i>-2.6</i>	<i>-1.4</i>	<i>-1.7</i>	<i>-0.5</i>	<i>-0.7</i>	<i>-0.7</i>
Imputation and weighting	41.0	37.0	40.0	18.0	19.0	19.0	39.0	30.0	35.0
<i>Total Difference (per cent)</i>	<i>-0.3</i>	<i>0.0</i>	<i>-0.2</i>	<i>-4.2</i>	<i>-2.0</i>	<i>-2.4</i>	<i>-0.9</i>	<i>-1.1</i>	<i>-1.0</i>
<i>Growth with no imputation or weighting (per cent)</i>	<i>-0.1</i>	<i>0.2</i>	<i>-0.1</i>	<i>0.8</i>	<i>0.7</i>	<i>0.7</i>	<i>-0.2</i>	<i>0.5</i>	<i>0.0</i>
<i>Growth with imputation and weighting (per cent)</i>	<i>0.0</i>	<i>0.2</i>	<i>0.0</i>	<i>0.5</i>	<i>0.1</i>	<i>0.1</i>	<i>-0.1</i>	<i>0.3</i>	<i>0.0</i>

Table A4 Average total weekly hours^a and growth^b in April 1998 to 2003 by gender and full-time/part-time work for all employees^c; United Kingdom

	Full-time			Part-time			All employees			
	Men	Women	All	Men	Women	All	Men	Women	All	
2000										
No imputation or weighting	41.0	37.0	40.0	18.0	19.0	19.0	40.0	30.0	35.0	
Imputation only	41.0	37.0	40.0	18.0	19.0	19.0	39.0	30.0	35.0	
<i>Difference (per cent)</i>	-0.1	-0.1	-0.1	-2.2	-0.9	-1.2	-0.4	-0.5	-0.5	
Imputation and weighting	41.0	37.0	40.0	18.0	19.0	19.0	39.0	30.0	35.0	
<i>Total Difference (per cent)</i>	-0.4	0.0	-0.3	-3.9	-1.3	-1.8	-0.9	-0.9	-1.0	
<i>Growth with no imputation or weighting (per cent)</i>	-0.4	-0.2	-0.3	-3.8	-0.4	-0.9	-0.6	-0.9	-0.9	
<i>Growth with imputation and weighting (per cent)</i>	-0.2	-0.2	-0.2	-3.8	-0.5	-1.0	-0.4	-0.7	-0.4	
1999										
No imputation or weighting	41.0	37.0	40.0	19.0	19.0	19.0	40.0	30.0	35.0	
Imputation only	41.0	37.0	40.0	19.0	19.0	19.0	40.0	30.0	35.0	
<i>Difference (per cent)</i>	-0.1	0.0	-0.1	-2.0	-0.9	-1.1	-0.4	-0.7	-0.6	
Imputation and weighting	41.0	37.0	40.0	18.0	19.0	19.0	39.0	30.0	35.0	
<i>Total Difference (per cent)</i>	-0.6	-0.1	-0.5	-3.9	-1.3	-1.7	-1.2	-1.1	-1.4	
<i>Growth with no imputation or weighting (per cent)</i>	-0.9	-0.2	-0.7	0.7	0.2	0.3	-1.0	-0.2	-0.8	
<i>Growth with imputation and weighting (per cent)</i>	-0.8	-0.1	-0.6	1.5	0.5	0.7	-0.8	-0.1	-0.6	
1998										
No imputation or weighting	42.0	38.0	40.0	19.0	19.0	19.0	40.0	30.0	36.0	
Imputation only	42.0	38.0	40.0	19.0	19.0	19.0	40.0	30.0	35.0	
<i>Difference (per cent)</i>	-0.1	0.0	-0.1	-2.3	-1.2	-1.4	-0.4	-0.8	-0.7	
Imputation and weighting	41.0	38.0	40.0	18.0	19.0	19.0	40.0	30.0	35.0	
<i>Total Difference (per cent)</i>	-0.7	-0.2	-0.6	-4.7	-1.6	-2.1	-1.4	-1.2	-1.6	
<i>Growth with no imputation or weighting (per cent)</i>										
<i>Growth with imputation and weighting (per cent)</i>										

Source: Annual Survey of Hours and Earnings

a Employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

Table A5 Average gross annual earnings^{a,b} and growth^c in April 1999 to 2003 by industry sector for full-time employees^d; United Kingdom

	SIC															All industries & services ^e
	A ^d	B ^d	C ^d	D ^d	E ^d	F ^d	G ^d	H ^d	I ^d	J ^d	K ^d	L ^d	M ^d	N ^d	O ^d	
2003																
No imputation or weighting	17,437	19,677	32,443	24,001	28,123	25,126	21,541	16,438	24,025	40,145	30,010	23,442	24,053	22,029	24,590	25,058
Imputation only	17,468	19,677	32,445	24,054	28,166	25,170	21,543	16,407	24,087	40,125	30,030	23,443	24,103	22,133	24,683	25,095
<i>Difference (per cent)</i>	0.2	0.0	0.0	0.2	0.2	0.2	0.0	-0.2	0.3	0.0	0.1	0.0	0.2	0.5	0.4	0.2
Imputation and weighting	17,691	19,216	33,788	24,519	29,051	25,573	22,180	16,754	24,847	43,196	31,340	24,302	24,431	22,465	25,299	25,861
<i>Total Difference (per cent)</i>	1.5	-2.3	4.1	2.2	3.3	1.8	3.0	1.9	3.4	7.6	4.4	3.7	1.6	2.0	2.9	3.2
<i>Growth with no imputation or weighting (per cent)</i>	1.7	6.6	10.1	3.8	-3.1	4.6	2.9	7.5	1.0	7.1	-0.4	3.7	4.2	3.4	6.7	3.2
<i>Growth with imputation and weighting (per cent)</i>	1.9	5.8	11.4	4.5	-2.4	4.9	3.5	9.0	1.8	8.3	0.4	3.3	4.7	4.0	7.1	3.9
2002																
No imputation or weighting	17,146	18,450	29,477	23,124	29,014	24,020	20,942	15,287	23,778	37,498	30,143	22,610	23,093	21,302	23,045	24,284
Imputation only	17,160	18,218	29,486	23,148	29,067	24,066	21,005	15,404	23,673	37,502	30,173	22,671	23,153	21,417	23,195	24,328
<i>Difference (per cent)</i>	0.1	-1.3	0.0	0.1	0.2	0.2	0.3	0.8	-0.4	0.0	0.1	0.3	0.3	0.5	0.6	0.2
Imputation and weighting	17,364	18,162	30,331	23,470	29,778	24,373	21,425	15,366	24,411	39,893	31,208	23,527	23,341	21,609	23,625	24,888
<i>Total Difference (per cent)</i>	1.3	-1.6	2.9	1.5	2.6	1.5	2.3	0.5	2.7	6.4	3.5	4.1	1.1	1.4	2.5	2.5
<i>Growth with no imputation or weighting (per cent)</i>	9.2	3.6	-0.7	2.6	2.9	4.7	3.2	-0.8	5.1	-3.2	7.1	2.5	4.9	4.4	1.5	3.6
<i>Growth with imputation and weighting (per cent)</i>	9.9	1.2	-0.9	2.7	3.3	4.8	3.6	-0.3	5.7	-2.9	7.6	2.8	5.1	5.0	2.1	4.0
2001																
No imputation or weighting	15,697	17,805	29,693	22,548	28,193	22,945	20,296	15,412	22,632	38,753	28,148	22,049	22,012	20,403	22,701	23,430
Imputation only	15,747	17,805	29,688	22,565	28,174	22,960	20,313	15,402	22,543	38,780	28,188	22,102	22,024	20,464	22,716	23,448
<i>Difference (per cent)</i>	0.3	0.0	0.0	0.1	-0.1	0.1	0.1	-0.1	-0.4	0.1	0.1	0.2	0.1	0.3	0.1	0.1
Imputation and weighting	15,799	17,955	30,595	22,861	28,836	23,262	20,681	15,404	23,091	41,100	29,014	22,875	22,211	20,574	23,135	23,929
<i>Total Difference (per cent)</i>	0.6	0.8	3.0	1.4	2.3	1.4	1.9	-0.1	2.0	6.1	3.1	3.7	0.9	0.8	1.9	2.1
<i>Growth with no imputation or weighting (per cent)</i>	4.2	1.5	8.3	6.0	4.6	6.7	2.0	1.2	1.3	13.3	6.6	0.9	2.7	5.3	8.1	4.9
<i>Growth with imputation and weighting (per cent)</i>	4.4	-1.4	8.2	5.7	4.6	6.9	2.6	0.8	0.9	13.6	6.9	1.1	2.8	5.6	8.8	4.9

Table A5 Average gross annual earnings^{a,b} and growth^c in April 1999 to 2003 by industry sector for full-time employees^d; United Kingdom

	SIC															All industries & services ^e
	A ^d	B ^d	C ^d	D ^d	E ^d	F ^d	G ^d	H ^d	I ^d	J ^d	K ^d	L ^d	M ^d	N ^d	O ^d	
2000																
No imputation or weighting	15,068	17,550	27,430	21,274	26,948	21,496	19,895	15,225	22,350	34,205	26,400	21,862	21,427	19,371	20,994	22,340
Imputation only	15,064	17,550	27,474	21,279	26,966	21,495	19,889	15,230	22,367	34,185	26,414	21,856	21,386	19,395	20,994	22,343
<i>Difference (per cent)</i>	0.0	0.0	0.2	0.0	0.1	0.0	0.0	0.0	0.1	-0.1	0.1	0.0	-0.2	0.1	0.0	0.0
Imputation and weighting	15,140	18,214	28,288	21,626	27,557	21,762	20,167	15,277	22,896	36,192	27,153	22,621	21,605	19,483	21,259	22,805
<i>Total Difference (per cent)</i>	0.5	3.8	3.1	1.7	2.3	1.2	1.4	0.3	2.4	5.8	2.9	3.5	0.8	0.6	1.3	2.1
<i>Growth with no imputation or weighting (per cent)</i>	4.3	-8.5	7.3	5.6	8.0	8.8	9.4	9.5	7.4	7.5	8.1	4.0	4.2	7.8	4.8	7.1
<i>Growth with imputation and weighting (per cent)</i>	4.0	-6.1	7.3	5.0	7.9	8.5	8.9	9.8	7.3	8.5	7.8	4.3	3.7	8.0	4.5	7.0
1999																
No imputation or weighting	14,447	19,176	25,562	20,147	24,947	19,759	18,193	13,907	20,816	31,827	24,421	21,022	20,566	17,965	20,034	20,863
Imputation only	14,468	18,648	25,527	20,156	24,947	19,778	18,235	13,919	20,800	31,842	24,448	21,028	20,575	17,971	20,079	20,877
<i>Difference (per cent)</i>	0.1	-2.8	-0.1	0.0	0.0	0.1	0.2	0.1	-0.1	0.0	0.1	0.0	0.0	0.0	0.2	0.1
Imputation and weighting	14,564	19,392	26,352	20,601	25,537	20,055	18,521	13,915	21,341	33,361	25,188	21,698	20,829	18,037	20,341	21,320
<i>Total Difference (per cent)</i>	0.8	1.1	3.1	2.3	2.4	1.5	1.8	0.1	2.5	4.8	3.1	3.2	1.3	0.4	1.5	2.2
<i>Growth with no imputation or weighting (per cent)</i>																
<i>Growth with imputation and weighting (per cent)</i>																

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates

b Annual earnings estimates relate to employees who have been in the same job for at least 12 months, regardless of whether or not their pay was affected by absence.

c Growth is year on year increase

d Industries are coded according to the Standard Industrial Classification 2003.

e All industries & services figures may not be consistent with all full-time employees figures due to missing classification information

Table A6 Average gross weekly pay^a and growth^b in April 1998 to 2003 by industry sector for full-time employees^c; United Kingdom

	SIC															All industries & services ^d
	A ^c	B ^c	C ^c	D ^c	E ^c	F ^c	G ^c	H ^c	I ^c	J ^c	K ^c	L ^c	M ^c	N ^c	O ^c	
2003																
No imputation or weighting	333.6	399.4	634.3	466.4	526.6	480.1	404.9	307.1	459.8	628.6	545.9	450.8	475.7	438.9	487.3	474.2
Imputation only	336.5	399.4	634.3	468.1	526.2	480.2	405.7	307.2	460.7	624.3	546.1	450.8	475.8	439.2	487.4	474.5
<i>Difference (per cent)</i>	0.9	0.0	0.0	0.4	-0.1	0.0	0.2	0.0	0.2	-0.7	0.0	0.0	0.0	0.1	0.0	0.1
Imputation and weighting	340.1	392.6	656.8	477.0	542.4	487.7	416.6	310.7	473.4	662.4	568.5	468.5	481.9	445.6	498.1	487.6
<i>Total Difference (per cent)</i>	1.9	-1.7	3.5	2.3	3.0	1.6	2.9	1.2	3.0	5.4	4.1	3.9	1.3	1.5	2.2	2.8
<i>Growth with no imputation or weighting (per cent)</i>	0.1	12.1	10.5	3.9	-0.8	4.3	2.2	3.4	1.6	-1.1	-0.3	2.7	4.3	3.6	6.6	2.5
<i>Growth with imputation and weighting (per cent)</i>	1.2	12.0	11.0	4.7	-0.1	4.6	3.2	5.0	2.4	-1.3	0.7	2.6	4.9	4.2	6.3	3.3
2002																
No imputation or weighting	333.4	356.3	574.2	448.8	530.7	460.3	396.2	296.9	452.6	635.4	547.3	439.1	456.3	423.4	457.4	462.5
Imputation only	333.6	356.3	578.0	449.2	531.1	460.9	396.4	297.2	449.9	635.7	547.2	439.4	455.9	424.1	458.9	462.5
<i>Difference (per cent)</i>	0.1	0.0	0.7	0.1	0.1	0.1	0.0	0.1	-0.6	0.0	0.0	0.1	-0.1	0.2	0.3	0.0
Imputation and weighting	336.1	350.7	591.7	455.6	543.0	466.4	403.6	295.9	462.3	671.0	564.4	456.7	459.6	427.7	468.4	472.2
<i>Total Difference (per cent)</i>	0.8	-1.6	3.0	1.5	2.3	1.3	1.9	-0.3	2.2	5.6	3.1	4.0	0.7	1.0	2.4	2.1
<i>Growth with no imputation or weighting (per cent)</i>	10.6	-9.9	2.0	3.4	2.1	4.7	4.1	3.3	3.6	5.6	5.4	3.8	4.6	4.3	9.5	4.6
<i>Growth with imputation and weighting (per cent)</i>	11.1	-11.8	1.8	3.6	2.0	4.7	4.3	4.5	4.3	6.7	5.9	4.3	4.7	4.9	10.5	5.0
2001																
No imputation or weighting	301.4	395.4	563.2	434.1	519.6	439.8	380.7	287.3	437.0	601.5	519.3	423.0	436.2	405.9	417.8	442.3
Imputation only	302.0	395.4	565.2	434.6	519.7	440.4	380.9	286.2	434.0	602.0	519.4	423.5	435.3	406.2	418.0	442.2
<i>Difference (per cent)</i>	0.2	0.0	0.4	0.1	0.0	0.1	0.1	-0.4	-0.7	0.1	0.0	0.1	-0.2	0.1	0.0	0.0
Imputation and weighting	302.6	397.7	581.1	439.9	532.1	445.6	386.8	283.1	443.0	628.8	533.1	437.9	438.8	407.7	424.0	449.8
<i>Total Difference (per cent)</i>	0.4	0.6	3.2	1.3	2.4	1.3	1.6	-1.5	1.4	4.5	2.7	3.5	0.6	0.4	1.5	1.7
<i>Growth with no imputation or weighting (per cent)</i>	4.6	9.9	7.9	5.8	2.0	5.8	4.6	3.8	3.5	7.1	8.6	4.2	4.6	6.8	3.8	5.8
<i>Growth with imputation and weighting (per cent)</i>	4.6	6.3	8.0	5.4	2.2	5.9	5.1	3.6	3.1	7.0	8.9	4.5	4.5	7.0	4.0	5.8

Table A6 Average gross weekly pay^a and growth^b in April 1998 to 2003 by industry sector for full-time employees^c; United Kingdom

	SIC															All industries & services ^d
	A ^c	B ^c	C ^c	D ^c	E ^c	F ^c	G ^c	H ^c	I ^c	J ^c	K ^c	L ^c	M ^c	N ^c	O ^c	
2000																
No imputation or weighting	288.2	359.9	521.9	410.4	509.6	415.8	364.0	276.9	422.4	561.9	478.1	405.9	417.0	380.2	402.3	418.2
Imputation only	288.2	359.9	522.6	411.0	509.6	416.1	363.9	276.3	420.8	561.8	477.8	405.5	415.9	380.3	402.6	418.0
<i>Difference (per cent)</i>	0.0	0.0	0.1	0.2	0.0	0.1	0.0	-0.2	-0.4	0.0	-0.1	-0.1	-0.2	0.0	0.1	0.0
Imputation and weighting	289.2	374.2	538.2	417.2	520.8	420.8	368.1	273.2	429.8	587.5	489.6	419.0	419.7	381.0	407.5	425.2
<i>Total Difference (per cent)</i>	0.3	4.0	3.1	1.7	2.2	1.2	1.1	-1.3	1.8	4.6	2.4	3.2	0.6	0.2	1.3	1.7
<i>Growth with no imputation or weighting (per cent)</i>	1.0	-0.1	6.4	4.2	4.3	6.4	3.6	4.6	3.7	5.0	5.4	2.7	3.3	5.3	4.9	4.5
<i>Growth with imputation and weighting (per cent)</i>	0.1	2.7	6.8	3.6	4.2	6.1	3.2	3.9	3.3	5.2	5.1	2.8	3.0	5.5	5.0	4.2
1999																
No imputation or weighting	285.3	360.4	490.6	393.7	488.8	390.7	351.2	264.7	407.1	535.1	453.6	395.3	403.6	361.1	383.4	400.1
Imputation only	287.4	351.7	490.6	394.6	488.8	391.4	352.3	264.5	407.0	535.6	453.6	395.3	402.8	360.5	384.2	400.4
<i>Difference (per cent)</i>	0.7	-2.4	0.0	0.2	0.0	0.2	0.3	-0.1	0.0	0.1	0.0	0.0	-0.2	-0.2	0.2	0.1
Imputation and weighting	288.8	364.1	504.0	402.7	500.0	396.7	356.8	262.9	416.0	558.4	465.8	407.6	407.6	361.3	388.0	407.9
<i>Total Difference (per cent)</i>	1.2	1.0	2.7	2.3	2.3	1.5	1.6	-0.7	2.2	4.4	2.7	3.1	1.0	0.0	1.2	1.9
<i>Growth with no imputation or weighting (per cent)</i>	4.5	2.1	-1.5	2.9	5.8	5.2	3.9	4.3	4.5	4.2	4.0	3.9	4.3	7.1	5.4	4.1
<i>Growth with imputation and weighting (per cent)</i>	4.5	-2.0	-2.6	2.6	5.5	5.3	3.9	4.4	4.3	4.2	3.8	3.9	3.9	5.6	5.4	3.9
1998																
No imputation or weighting	273.0	353.0	498.2	382.7	462.0	371.3	338.2	253.8	389.5	513.4	435.9	380.4	387.1	337.2	363.6	384.5
Imputation only	273.8	360.6	498.8	383.4	462.8	372.0	338.9	253.4	389.8	513.8	436.3	380.2	386.9	341.9	365.1	385.1
<i>Difference (per cent)</i>	0.3	2.1	0.1	0.2	0.2	0.2	0.2	-0.1	0.1	0.1	0.1	0.0	0.0	1.4	0.4	0.1
Imputation and weighting	276.3	371.6	517.6	392.4	473.8	376.6	343.3	251.9	399.0	535.7	448.7	392.5	392.2	342.0	368.2	392.6
<i>Total Difference (per cent)</i>	1.2	5.3	3.9	2.5	2.6	1.4	1.5	-0.7	2.4	4.3	2.9	3.2	1.3	1.4	1.3	2.1
<i>Growth with no imputation or weighting (per cent)</i>																
<i>Growth with imputation and weighting (per cent)</i>																

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

c Industries are coded according to the Standard Industrial Classification 2003.

d All industries & services figures may not be consistent with all full-time employees figures due to missing classification information

Table A7 Average gross hourly pay^a and growth^b in April 1998 to 2003 by industry sector for full-time employees^c; United Kingdom

	SIC															All industries & services ^d
	A ^c	B ^c	C ^c	D ^c	E ^c	F ^c	G ^c	H ^c	I ^c	J ^c	K ^c	L ^c	M ^c	N ^c	O ^c	
2003																
No imputation or weighting	7.37	9.21	13.85	11.37	13.41	10.98	9.97	7.48	10.66	17.43	13.87	11.72	13.29	11.36	12.24	11.97
Imputation only	7.47	9.21	13.92	11.39	13.36	10.99	10.00	7.53	10.64	17.28	13.82	11.72	13.32	11.37	12.29	11.97
<i>Difference (per cent)</i>	1.40	0.00	0.50	0.20	-0.40	0.10	0.30	0.70	-0.10	-0.80	-0.40	0.00	0.20	0.10	0.50	0.00
Imputation and weighting	7.57	9.04	14.47	11.62	13.75	11.18	10.27	7.63	10.98	18.34	14.42	12.16	13.49	11.53	12.57	12.31
<i>Total Difference (per cent)</i>	2.70	-1.80	4.50	2.30	2.60	1.80	3.00	1.90	3.10	5.30	3.90	3.80	1.50	1.50	2.70	2.90
<i>Growth with no imputation or weighting (per cent)</i>	1.30	12.60	6.20	4.20	0.60	4.00	2.60	3.50	1.10	-0.50	0.40	1.30	3.80	4.90	9.00	2.70
<i>Growth with imputation and weighting (per cent)</i>	0.70	11.90	5.80	4.60	1.00	4.00	3.20	5.00	1.40	-0.80	0.40	2.50	4.20	3.90	6.40	3.10
2002																
No imputation or weighting	7.28	8.18	13.05	10.91	13.33	10.55	9.72	7.23	10.54	17.51	13.83	11.57	12.80	10.82	11.22	11.65
Imputation only	7.42	8.18	13.33	10.95	13.32	10.60	9.77	7.29	10.52	17.51	13.89	11.44	12.83	11.00	11.57	11.69
<i>Difference (per cent)</i>	1.90	0.00	2.10	0.40	-0.10	0.50	0.50	0.90	-0.20	0.00	0.50	-1.10	0.20	1.70	3.10	0.30
Imputation and weighting	7.52	8.08	13.68	11.12	13.61	10.75	9.95	7.27	10.83	18.49	14.36	11.87	12.94	11.10	11.82	11.94
<i>Total Difference (per cent)</i>	3.30	-1.20	4.90	1.90	2.10	1.90	2.40	0.50	2.70	5.60	3.80	2.60	1.10	2.50	5.30	2.50
<i>Growth with no imputation or weighting (per cent)</i>	7.10	-5.70	2.40	3.90	2.20	6.10	3.60	2.40	4.40	6.00	5.00	3.90	4.20	4.40	8.20	4.80
<i>Growth with imputation and weighting (per cent)</i>	8.70	-7.80	3.60	4.30	2.10	6.40	4.20	4.20	5.10	7.10	6.10	3.90	4.10	5.10	11.40	5.40
2001																
No imputation or weighting	6.79	8.68	12.74	10.50	13.04	9.95	9.39	7.06	10.10	16.52	13.17	11.13	12.28	10.37	10.37	11.12
Imputation only	6.87	8.68	12.78	10.52	13.03	9.98	9.40	7.04	10.06	16.53	13.15	11.06	12.31	10.52	10.45	11.12
<i>Difference (per cent)</i>	1.10	0.00	0.30	0.20	0.00	0.30	0.10	-0.30	-0.40	0.00	-0.10	-0.70	0.20	1.50	0.80	0.10
Imputation and weighting	6.92	8.76	13.21	10.66	13.33	10.10	9.55	6.97	10.30	17.27	13.53	11.42	12.43	10.56	10.61	11.33
<i>Total Difference (per cent)</i>	1.90	1.00	3.60	1.50	2.30	1.60	1.70	-1.20	2.00	4.50	2.70	2.60	1.20	1.80	2.30	1.90
<i>Growth with no imputation or weighting (per cent)</i>	5.00	6.20	8.60	6.00	0.60	6.20	4.50	4.00	6.20	6.70	9.00	4.60	3.50	5.90	2.80	6.10
<i>Growth with imputation and weighting (per cent)</i>	5.00	4.10	8.10	5.60	0.80	6.10	4.90	3.20	4.30	6.70	8.80	3.70	3.60	6.30	3.40	5.70

Table A7 Average gross hourly pay^a and growth^b in April 1998 to 2003 by industry sector for full-time employees^c; United Kingdom

	SIC															All industries & services ^d
	A ^c	B ^c	C ^c	D ^c	E ^c	F ^c	G ^c	H ^c	I ^c	J ^c	K ^c	L ^c	M ^c	N ^c	O ^c	
2000																
No imputation or weighting	6.47	8.17	11.73	9.91	12.96	9.37	8.98	6.79	9.51	15.48	12.09	10.65	11.86	9.79	10.09	10.48
Imputation only	6.54	8.17	11.76	9.93	12.96	9.40	8.99	6.81	9.63	15.48	12.11	10.67	11.86	9.92	10.13	10.51
<i>Difference (per cent)</i>	1.10	0.00	0.30	0.30	0.00	0.30	0.10	0.40	1.30	0.00	0.20	0.20	-0.10	1.30	0.40	0.30
Imputation and weighting	6.59	8.42	12.21	10.10	13.23	9.52	9.10	6.76	9.87	16.19	12.43	11.01	12.00	9.93	10.26	10.71
<i>Total Difference (per cent)</i>	1.80	3.10	4.10	1.90	2.10	1.60	1.30	-0.50	3.90	4.60	2.80	3.50	1.10	1.40	1.70	2.20
<i>Growth with no imputation or weighting (per cent)</i>	2.80	-1.30	8.70	4.10	5.90	6.10	3.30	4.30	4.40	5.40	5.90	2.90	3.20	6.20	6.00	4.70
<i>Growth with imputation and weighting (per cent)</i>	2.60	0.50	8.70	3.40	5.50	5.70	3.50	4.30	3.60	5.60	5.50	3.00	2.70	5.90	6.30	4.40
1999																
No imputation or weighting	6.29	8.28	10.79	9.51	12.23	8.83	8.69	6.51	9.11	14.69	11.41	10.34	11.49	9.22	9.52	10.00
Imputation only	6.35	8.11	10.79	9.54	12.24	8.86	8.66	6.51	9.26	14.70	11.44	10.37	11.50	9.36	9.54	10.03
<i>Difference (per cent)</i>	1.00	-2.10	0.00	0.30	0.10	0.30	-0.30	0.10	1.60	0.10	0.20	0.20	0.10	1.50	0.20	0.30
Imputation and weighting	6.42	8.38	11.24	9.76	12.54	9.01	8.79	6.48	9.53	15.33	11.79	10.69	11.68	9.38	9.66	10.26
<i>Total Difference (per cent)</i>	2.00	1.20	4.10	2.60	2.50	2.00	1.10	-0.40	4.60	4.40	3.30	3.30	1.70	1.80	1.40	2.60
<i>Growth with no imputation or weighting (per cent)</i>	4.70	0.50	-1.80	4.20	5.90	6.00	4.40	5.00	5.20	4.70	4.90	4.00	4.70	5.30	6.40	4.80
<i>Growth with imputation and weighting (per cent)</i>	4.20	-2.40	-2.80	3.70	6.20	5.90	4.20	4.50	5.00	4.70	4.40	3.80	4.20	5.50	5.50	4.50
1998																
No imputation or weighting	6.01	8.24	10.99	9.13	11.56	8.33	8.33	6.20	8.66	14.03	10.88	9.95	10.97	8.76	8.94	9.54
Imputation only	6.08	8.41	11.01	9.16	11.51	8.37	8.31	6.22	8.79	14.04	10.93	9.97	11.01	8.89	9.05	9.58
<i>Difference (per cent)</i>	1.20	2.10	0.20	0.40	-0.40	0.40	-0.20	0.30	1.60	0.00	0.40	0.30	0.30	1.50	1.20	0.40
Imputation and weighting	6.16	8.59	11.56	9.41	11.81	8.51	8.44	6.20	9.07	14.65	11.29	10.30	11.21	8.89	9.15	9.82
<i>Total Difference (per cent)</i>	2.50	4.20	5.20	3.20	2.20	2.10	1.30	0.00	4.80	4.40	3.70	3.50	2.20	1.50	2.30	2.90
<i>Growth with no imputation or weighting (per cent)</i>																
<i>Growth with imputation and weighting (per cent)</i>																

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

c Industries are coded according to the Standard Industrial Classification 2003.

d All industries & services figures may not be consistent with all full-time employees figures due to missing classification information

Table A8 Average total weekly hours^a and growth^b in April 1998 to 2003 by industry sector for full-time employees^c; United Kingdom

	SIC															All industries & services ^d
	A ^c	B ^c	C ^c	D ^c	E ^c	F ^c	G ^c	H ^c	I ^c	J ^c	K ^c	L ^c	M ^c	N ^c	O ^c	
2003																
No imputation or weighting	45.2	43.4	45.7	41.0	39.3	43.6	40.5	40.7	43.2	36.1	39.4	38.4	35.7	38.5	39.6	39.6
Imputation only	45.1	43.4	45.6	41.1	39.4	43.7	40.6	40.8	43.3	36.1	39.5	38.5	35.7	38.6	39.6	39.6
<i>Difference (per cent)</i>	-0.2	0.0	-0.2	0.2	0.3	0.1	0.2	0.1	0.2	0.1	0.2	0.0	0.0	0.2	0.0	0.1
Imputation and weighting	44.9	43.4	45.4	41.0	39.4	43.6	40.5	40.7	43.1	36.1	39.4	38.5	35.7	38.6	39.6	39.6
<i>Total Difference (per cent)</i>	-0.5	0.1	-0.6	0.1	0.4	0.0	0.2	0.0	-0.2	0.1	0.0	0.2	0.0	0.3	0.0	0.0
<i>Growth with no imputation or weighting (per cent)</i>	-0.1	-0.4	4.5	-0.1	-1.4	0.2	-0.3	-0.4	0.9	-0.6	0.1	0.0	0.4	-0.1	-0.2	-0.1
<i>Growth with imputation and weighting (per cent)</i>	0.5	0.1	4.9	0.1	-1.1	0.6	0.0	0.1	1.0	-0.5	0.3	0.1	0.6	0.3	0.0	0.1
2002																
No imputation or weighting	45.2	43.6	43.7	41.0	39.8	43.5	40.6	40.9	42.8	36.3	39.4	38.4	35.6	38.6	39.7	39.6
Imputation only	45.0	43.6	43.4	41.0	39.9	43.5	40.6	40.8	42.8	36.3	39.4	38.4	35.5	38.5	39.7	39.6
<i>Difference (per cent)</i>	-0.5	0.0	-0.7	0.0	0.1	-0.1	0.0	-0.4	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1
Imputation and weighting	44.7	43.4	43.2	41.0	39.9	43.4	40.5	40.7	42.7	36.3	39.3	38.5	35.5	38.5	39.6	39.6
<i>Total Difference (per cent)</i>	-1.1	-0.4	-1.0	-0.1	0.1	-0.3	-0.1	-0.5	-0.2	0.0	-0.2	0.1	-0.2	-0.1	-0.2	-0.2
<i>Growth with no imputation or weighting (per cent)</i>	2.6	-4.4	-1.3	-0.7	0.0	-1.4	0.1	0.4	-0.9	-0.3	-0.2	0.4	0.5	-0.2	-0.6	-0.4
<i>Growth with imputation and weighting (per cent)</i>	2.2	-4.4	-1.7	-0.7	0.0	-1.6	0.1	0.3	-0.7	-0.3	-0.3	0.4	0.6	-0.2	-0.8	-0.4
2001																
No imputation or weighting	44.1	45.6	44.3	41.3	39.9	44.1	40.5	40.7	43.2	36.4	39.5	38.3	35.4	38.6	39.9	39.8
Imputation only	44.0	45.6	44.2	41.3	39.9	44.1	40.5	40.7	43.2	36.4	39.5	38.3	35.3	38.6	40.0	39.7
<i>Difference (per cent)</i>	-0.2	0.0	-0.1	0.0	0.0	-0.1	0.0	-0.2	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	-0.1
Imputation and weighting	43.7	45.4	44.0	41.3	39.9	44.1	40.5	40.6	43.0	36.4	39.4	38.3	35.3	38.6	40.0	39.7
<i>Total Difference (per cent)</i>	-0.7	-0.5	-0.6	-0.1	0.1	-0.1	-0.1	-0.4	-0.4	0.0	-0.2	0.1	-0.3	0.0	0.0	-0.2
<i>Growth with no imputation or weighting (per cent)</i>	-0.2	3.5	-0.4	-0.2	1.4	-0.4	0.1	0.4	-1.4	0.3	0.0	0.7	0.9	0.7	0.5	-0.1
<i>Growth with imputation and weighting (per cent)</i>	-0.4	2.1	-0.1	-0.1	1.4	-0.2	0.2	0.4	-1.2	0.3	0.1	0.8	0.9	0.7	0.6	0.0

Table A8 Average total weekly hours^a and growth^b in April 1998 to 2003 by industry sector for full-time employees^c; United Kingdom

	SIC															All industries & services ^d
	A ^c	B ^c	C ^c	D ^c	E ^c	F ^c	G ^c	H ^c	I ^c	J ^c	K ^c	L ^c	M ^c	N ^c	O ^c	
2000																
No imputation or weighting	44.2	44.0	44.5	41.4	39.3	44.3	40.5	40.6	43.8	36.3	39.5	38.1	35.1	38.4	39.7	39.8
Imputation only	44.1	44.0	44.4	41.4	39.3	44.3	40.5	40.6	43.7	36.3	39.5	38.0	35.1	38.3	39.7	39.8
<i>Difference (per cent)</i>	-0.2	0.0	-0.1	0.0	0.0	-0.1	0.0	-0.1	-0.1	0.0	0.0	-0.1	0.0	-0.1	0.0	-0.1
Imputation and weighting	43.9	44.4	44.1	41.3	39.4	44.2	40.4	40.4	43.5	36.3	39.4	38.0	35.0	38.4	39.7	39.7
<i>Total Difference (per cent)</i>	-0.6	0.9	-0.9	-0.2	0.1	-0.2	-0.1	-0.4	-0.5	0.0	-0.2	-0.1	-0.3	0.0	0.0	-0.3
<i>Growth with no imputation or weighting (per cent)</i>	-2.6	1.2	-2.3	0.1	-1.5	0.2	-0.4	-0.1	-0.6	-0.3	-0.5	-0.3	0.1	-0.4	-1.4	-0.3
<i>Growth with imputation and weighting (per cent)</i>	-2.4	2.3	-1.8	0.2	-1.3	0.4	-0.3	-0.3	-0.3	-0.4	-0.3	-0.2	0.3	-0.4	-1.2	-0.2
1999																
No imputation or weighting	45.3	43.5	45.5	41.4	39.9	44.2	40.6	40.6	44.0	36.4	39.7	38.2	35.0	38.5	40.3	39.9
Imputation only	45.3	43.4	45.5	41.4	39.9	44.2	40.7	40.6	44.0	36.4	39.6	38.1	35.0	38.5	40.3	39.9
<i>Difference (per cent)</i>	-0.1	-0.3	-0.1	0.0	0.0	-0.1	0.0	-0.1	-0.1	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.1
Imputation and weighting	45.0	43.4	44.9	41.2	39.9	44.0	40.6	40.6	43.7	36.4	39.5	38.1	34.9	38.5	40.2	39.8
<i>Total Difference (per cent)</i>	-0.7	-0.2	-1.4	-0.3	-0.2	-0.4	-0.2	-0.2	-0.8	0.0	-0.3	-0.1	-0.4	0.0	-0.3	-0.5
<i>Growth with no imputation or weighting (per cent)</i>	0.6	1.5	0.3	-1.2	0.0	-0.7	-0.4	-0.4	-0.8	-0.4	-0.7	0.0	-0.4	0.1	-0.1	-0.7
<i>Growth with imputation and weighting (per cent)</i>	0.3	0.4	0.2	-1.0	-0.7	-0.5	-0.3	-0.2	-0.7	-0.4	-0.6	0.0	-0.3	0.1	-0.1	-0.6
1998																
No imputation or weighting	45.1	42.9	45.4	41.8	39.9	44.5	40.8	40.8	44.4	36.6	39.9	38.2	35.2	38.4	40.3	40.2
Imputation only	45.0	42.9	45.3	41.8	40.2	44.5	40.8	40.7	44.3	36.6	39.9	38.1	35.1	38.5	40.3	40.2
<i>Difference (per cent)</i>	-0.1	0.0	-0.1	0.0	0.7	-0.1	0.0	-0.1	-0.1	0.1	0.0	-0.1	-0.1	0.1	0.0	-0.1
Imputation and weighting	44.9	43.3	44.8	41.7	40.1	44.3	40.7	40.7	44.0	36.6	39.7	38.1	35.0	38.4	40.2	40.0
<i>Total Difference (per cent)</i>	-0.4	1.0	-1.3	-0.4	0.5	-0.5	-0.3	-0.3	-0.9	0.0	-0.5	-0.1	-0.6	0.0	-0.3	-0.5
<i>Growth with no imputation or weighting (per cent)</i>																
<i>Growth with imputation and weighting (per cent)</i>																

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

c Industries are coded according to the Standard Industrial Classification 2003.

d All industries & services figures may not be consistent with all full-time employees figures due to missing classification information

Table A9 Average gross annual earnings^{a,b} and growth^c in April 2002 to 2003 by occupational group^d for full-time employees^e; United Kingdom

	Managers and senior officials	Professional occupations	Associate professional and technical occupations	Administrative and secretarial occupations	Skilled trades occupations	Personal service occupations	Sales and customer service occupations	Process, plant and machine operatives	Elementary occupations	All occupations
2003										
No imputation or weighting	41,921	33,653	27,577	17,494	20,983	14,099	14,864	19,017	15,799	25,056
Imputation only	41,918	33,717	27,595	17,512	21,016	14,177	14,916	19,046	15,828	25,094
<i>Difference (per cent)</i>	0.0	0.2	0.1	0.1	0.2	0.6	0.4	0.2	0.2	0.2
Imputation and weighting	41,593	33,958	27,785	17,414	20,910	14,079	14,582	18,944	15,505	25,859
<i>Total Difference (per cent)</i>	-0.8	0.9	0.8	-0.5	-0.3	-0.1	-1.9	-0.4	-1.9	3.2
<i>Growth with no imputation or weighting (per cent)</i>	3.9	2.9	1.3	4.0	2.6	2.7	-0.1	5.2	4.3	3.1
<i>Growth with imputation and weighting (per cent)</i>	3.8	3.2	1.3	3.9	2.9	3.5	-0.1	4.8	4.6	3.8
2002										
No imputation or weighting	40,361	32,699	27,228	16,815	20,453	13,729	14,879	18,084	15,148	24,305
Imputation only	40,372	32,798	27,279	16,852	20,455	13,796	14,916	18,098	15,144	24,347
<i>Difference (per cent)</i>	0.0	0.3	0.2	0.2	0.0	0.5	0.2	0.1	0.0	0.2
Imputation and weighting	40,061	32,890	27,423	16,767	20,315	13,600	14,594	18,074	14,819	24,911
<i>Total Difference (per cent)</i>	-0.7	0.6	0.7	-0.3	-0.7	-0.9	-1.9	-0.1	-2.2	2.5
<i>Growth with no imputation or weighting (per cent)</i>										
<i>Growth with imputation and weighting (per cent)</i>										

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates

b Annual earnings estimates relate to employees who have been in the same job for at least 12 months, regardless of whether or not their pay was affected by absence.

c Growth is year on year increase

d Occupations are coded according to the Standard Occupational Classification 2000.

Table A9a Average gross annual earnings^{a,b} and growth^c in April 1999 to 2001 by occupational group^d for full-time employees^e; United Kingdom

	Managers and administrators	Professional occupations	Associate professional and technical occupations	Clerical and secretarial occupations	Craft and related occupations	Personal and protective service occupations	Sales occupations	Plant and machine operatives	Other occupations	All occupations
2001										
No imputation or weighting	37,445	30,725	27,689	15,348	19,754	16,916	16,451	17,662	14,987	23,426
Imputation only	37,454	30,768	27,796	15,368	19,771	16,903	16,460	17,667	14,949	23,444
<i>Difference (per cent)</i>	0.0	0.1	0.4	0.1	0.1	-0.1	0.1	0.0	-0.3	0.1
Imputation and weighting	37,813	30,888	27,903	15,365	19,760	16,963	16,506	17,654	14,762	23,925
<i>Total Difference (per cent)</i>	1.0	0.5	0.8	0.1	0.0	0.3	0.3	0.0	-1.5	2.1
<i>Growth with no imputation or weighting (per cent)</i>	5.2	4.2	5.6	4.5	4.5	-0.5	3.3	4.8	3.0	4.9
<i>Growth with imputation and weighting (per cent)</i>	5.6	4.4	6.2	4.7	4.5	-0.3	4.1	4.6	2.7	4.9
2000										
No imputation or weighting	35,610	29,474	26,231	14,680	18,904	17,007	15,932	16,850	14,544	22,337
Imputation only	35,589	29,501	26,255	14,686	18,903	17,008	15,918	16,861	14,530	22,339
<i>Difference (per cent)</i>	-0.1	0.1	0.1	0.0	0.0	0.0	-0.1	0.1	-0.1	0.0
Imputation and weighting	35,816	29,594	26,275	14,677	18,904	17,017	15,856	16,875	14,370	22,801
<i>Total Difference (per cent)</i>	0.6	0.4	0.2	0.0	0.0	0.1	-0.5	0.1	-1.2	2.1
<i>Growth with no imputation or weighting (per cent)</i>	9.0	6.5	5.4	3.3	5.9	6.4	5.8	4.1	5.8	7.1
<i>Growth with imputation and weighting (per cent)</i>	9.4	6.6	6.3	3.6	5.8	6.8	5.4	4.3	5.7	7.0
1999										
No imputation or weighting	32,666	27,664	24,886	14,215	17,850	15,980	15,066	16,180	13,752	20,858
Imputation only	32,661	27,687	24,901	14,221	17,859	15,995	15,099	16,179	13,764	20,872
<i>Difference (per cent)</i>	0.0	0.1	0.1	0.0	0.0	0.1	0.2	0.0	0.1	0.1
Imputation and weighting	32,741	27,753	24,725	14,166	17,874	15,928	15,037	16,185	13,590	21,314
<i>Total Difference (per cent)</i>	0.2	0.3	-0.6	-0.3	0.1	-0.3	-0.2	0.0	-1.2	2.2
<i>Growth with no imputation or weighting (per cent)</i>										
<i>Growth with imputation and weighting (per cent)</i>										

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates

b Annual earnings estimates relate to employees who have been in the same job for at least 12 months, regardless of whether or not their pay was affected by absence.

c Growth is year on year increase

d Occupations are coded according to the Standard Occupational Classification 1990.

Table A10 Average gross weekly pay^a and growth^b in April 2002 to 2003 by occupational group^c for full-time employees^c; United Kingdom

	Managers and senior officials	Professional occupations	Associate professional and technical occupations	Administrative and secretarial occupations	Skilled trades occupations	Personal service occupations	Sales and customer service occupations	Process, plant and machine operatives	Elementary occupations	All occupations
2003										
No imputation or weighting	745.3	649.2	527.1	337.6	411.0	282.0	288.0	371.7	306.5	474.2
Imputation only	743.9	649.4	527.4	337.7	412.1	282.7	288.5	372.8	307.0	474.5
<i>Difference (per cent)</i>	-0.2	0.0	0.1	0.0	0.3	0.2	0.2	0.3	0.1	0.1
Imputation and weighting	738.1	653.1	530.6	335.7	410.1	280.8	282.5	370.8	300.4	487.6
<i>Total Difference (per cent)</i>	-1.0	0.6	0.7	-0.6	-0.2	-0.4	-1.9	-0.3	-2.0	2.8
<i>Growth with no imputation or weighting (per cent)</i>	2.2	2.1	2.2	4.4	3.8	3.2	-1.3	4.4	4.4	2.5
<i>Growth with imputation and weighting (per cent)</i>	2.0	2.6	2.5	4.3	4.1	4.0	-1.4	3.9	5.0	3.3
2002										
No imputation or weighting	729.2	635.7	515.6	323.5	396.1	273.4	291.8	356.2	293.5	462.4
Imputation only	728.6	635.7	515.8	323.8	396.3	273.7	292.4	356.9	292.8	462.4
<i>Difference (per cent)</i>	-0.1	0.0	0.0	0.1	0.1	0.1	0.2	0.2	-0.2	0.0
Imputation and weighting	723.7	636.8	517.6	321.9	393.8	270.0	286.5	356.8	286.1	472.1
<i>Total Difference (per cent)</i>	-0.8	0.2	0.4	-0.5	-0.6	-1.2	-1.8	0.2	-2.5	2.1
<i>Growth with no imputation or weighting (per cent)</i>										
<i>Growth with imputation and weighting (per cent)</i>										

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

c Occupations are coded according to the Standard Occupational Classification 2000.

Table A10a Average gross weekly pay^a and growth^b in April 1998 to 2001 by occupational group^c for full-time employees^d; United Kingdom

	Managers and administrators	Professional occupations	Associate professional and technical occupations	Clerical and secretarial occupations	Craft and related occupations	Personal and protective service occupations	Sales occupations	Plant and machine operatives	Other occupations	All occupations
2001										
No imputation or weighting	667.9	601.5	505.5	296.3	384.1	320.0	316.7	342.6	291.3	442.3
Imputation only	667.8	600.5	506.5	296.4	385.2	319.3	317.0	342.8	290.0	442.2
<i>Difference (per cent)</i>	0.0	-0.2	0.2	0.0	0.3	-0.2	0.1	0.1	-0.4	0.0
Imputation and weighting	673.5	602.1	506.8	295.9	385.0	319.0	317.5	342.3	285.3	449.7
<i>Total Difference (per cent)</i>	0.8	0.1	0.3	-0.1	0.2	-0.3	0.3	-0.1	-2.1	1.7
<i>Growth with no imputation or weighting (per cent)</i>	5.9	6.3	5.1	4.7	4.4	3.2	3.6	4.0	4.8	5.8
<i>Growth with imputation and weighting (per cent)</i>	6.3	6.2	5.7	4.8	4.4	3.7	4.6	3.9	4.3	5.8
2000										
No imputation or weighting	630.9	566.0	480.7	282.9	367.9	310.0	305.6	329.4	278.1	418.1
Imputation only	630.2	565.9	480.9	282.9	369.1	309.3	305.8	329.6	277.2	417.9
<i>Difference (per cent)</i>	-0.1	0.0	0.0	0.0	0.3	-0.2	0.1	0.1	-0.3	0.0
Imputation and weighting	633.8	566.9	479.6	282.5	368.7	307.6	303.6	329.6	273.5	425.1
<i>Total Difference (per cent)</i>	0.5	0.2	-0.2	-0.1	0.2	-0.8	-0.7	0.1	-1.7	1.7
<i>Growth with no imputation or weighting (per cent)</i>	5.6	4.3	2.9	2.8	3.4	3.5	1.3	3.4	2.6	4.5
<i>Growth with imputation and weighting (per cent)</i>	5.9	4.4	3.5	3.0	3.1	3.7	0.5	3.5	2.2	4.2
1999										
No imputation or weighting	597.6	542.6	467.3	275.1	355.9	299.7	301.8	318.6	271.1	400.1
Imputation only	597.7	542.2	467.3	275.1	357.5	299.1	303.1	318.8	271.4	400.4
<i>Difference (per cent)</i>	0.0	-0.1	0.0	0.0	0.4	-0.2	0.4	0.1	0.1	0.1
Imputation and weighting	598.7	543.2	463.5	274.2	357.8	296.7	302.0	318.6	267.5	407.8
<i>Total Difference (per cent)</i>	0.2	0.1	-0.8	-0.3	0.5	-1.0	0.1	0.0	-1.3	1.9
<i>Growth with no imputation or weighting (per cent)</i>	4.9	3.7	2.4	3.1	2.4	4.2	4.2	1.5	4.0	4.1
<i>Growth with imputation and weighting (per cent)</i>	5.2	3.3	3.2	3.2	2.1	4.6	4.4	1.4	4.4	3.9
1998										
No imputation or weighting	569.9	523.1	456.5	266.9	347.7	287.6	289.5	313.9	260.6	384.4
Imputation only	569.9	525.4	454.7	266.9	349.8	286.8	290.8	314.2	260.7	385.0
<i>Difference (per cent)</i>	0.0	0.4	-0.4	0.0	0.6	-0.3	0.4	0.1	0.0	0.1
Imputation and weighting	569.0	526.1	449.3	265.8	350.4	283.6	289.2	314.2	256.3	392.5
<i>Total Difference (per cent)</i>	-0.2	0.6	-1.6	-0.4	0.8	-1.4	-0.1	0.1	-1.6	2.1
<i>Growth with no imputation or weighting (per cent)</i>										
<i>Growth with imputation and weighting (per cent)</i>										

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

c Occupations are coded according to the Standard Occupational Classification 1990.

Table A11 Average gross hourly pay^a and growth^b in April 2000 to 2003 by occupational group^c for full-time employees^c; United Kingdom

	Managers and senior officials	Professional occupations	Associate professional and technical occupations	Administrative and secretarial occupations	Skilled trades occupations	Personal service occupations	Sales and customer service occupations	Process, plant and machine operatives	Elementary occupations	All occupations
2003										
No imputation or weighting	19.15	18.03	13.65	9.01	9.65	7.22	7.44	8.32	7.20	11.97
Imputation only	19.05	17.93	13.68	8.99	9.66	7.20	7.41	8.32	7.18	11.97
<i>Difference (per cent)</i>	-0.5	-0.6	0.2	-0.2	0.0	-0.3	-0.3	0.0	-0.3	0.0
Imputation and weighting	18.91	17.98	13.76	8.95	9.61	7.16	7.27	8.28	7.06	12.31
<i>Total Difference (per cent)</i>	-1.3	-0.3	0.8	-0.6	-0.4	-0.9	-2.2	-0.4	-1.9	2.9
<i>Growth with no imputation or weighting (per cent)</i>	2.3	2.4	2.2	4.2	4.0	3.1	0.0	4.1	4.6	2.8
<i>Growth with imputation and weighting (per cent)</i>	1.6	2.1	2.2	4.5	4.0	3.4	-0.6	3.3	4.9	3.2
2002										
No imputation or weighting	18.72	17.60	13.36	8.64	9.29	7.01	7.44	7.99	6.88	11.64
Imputation only	18.74	17.61	13.42	8.61	9.30	7.01	7.46	8.01	6.85	11.68
<i>Difference (per cent)</i>	0.1	0.0	0.4	-0.4	0.1	0.0	0.2	0.3	-0.4	0.3
Imputation and weighting	18.62	17.61	13.46	8.57	9.24	6.93	7.32	8.01	6.73	11.93
<i>Total Difference (per cent)</i>	-0.5	0.1	0.7	-0.8	-0.5	-1.1	-1.6	0.3	-2.2	2.5
<i>Growth with no imputation or weighting (per cent)</i>										
<i>Growth with imputation and weighting (per cent)</i>										

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

c Occupations are coded according to the Standard Occupational Classification 2000.

Table A11a Average gross hourly pay^a and growth^b in April 1998 to 2001 by occupational group^c for full-time employees^c; United Kingdom

	Managers and administrators	Professional occupations	Associate professional and technical occupations	Clerical and secretarial occupations	Craft and related occupations	Personal and protective service occupations	Sales occupations	Plant and machine operatives	Other occupations	All occupations
2001										
No imputation or weighting	17.24	16.80	13.24	7.75	8.94	7.89	8.13	7.69	6.76	11.11
Imputation only	17.22	16.77	13.27	7.74	8.96	7.84	8.14	7.70	6.72	11.12
<i>Difference (per cent)</i>	-0.1	-0.2	0.2	-0.2	0.2	-0.6	0.1	0.1	-0.7	0.1
Imputation and weighting	17.36	16.79	13.27	7.73	8.95	7.88	8.16	7.69	6.64	11.33
<i>Total Difference (per cent)</i>	0.7	-0.1	0.3	-0.3	0.2	-0.1	0.3	0.0	-1.8	1.9
<i>Growth with no imputation or weighting (per cent)</i>	6.2	5.8	5.3	4.6	4.8	2.3	3.6	4.1	6.1	6.1
<i>Growth with imputation and weighting (per cent)</i>	6.3	5.9	5.2	4.5	4.7	2.6	4.4	3.9	5.5	5.8
2000										
No imputation or weighting	16.24	15.88	12.57	7.41	8.53	7.71	7.85	7.39	6.37	10.48
Imputation only	16.24	15.83	12.66	7.41	8.56	7.68	7.86	7.40	6.36	10.51
<i>Difference (per cent)</i>	0.0	-0.3	0.7	0.0	0.4	-0.5	0.2	0.1	-0.2	0.3
Imputation and weighting	16.32	15.84	12.62	7.40	8.55	7.68	7.81	7.40	6.30	10.71
<i>Total Difference (per cent)</i>	0.5	-0.2	0.4	-0.2	0.2	-0.4	-0.5	0.2	-1.2	2.2
<i>Growth with no imputation or weighting (per cent)</i>	5.6	4.3	3.1	3.1	3.6	4.0	1.3	3.3	3.0	4.7
<i>Growth with imputation and weighting (per cent)</i>	6.0	4.1	3.9	3.3	3.5	4.1	1.2	3.3	2.7	4.4
1999										
No imputation or weighting	15.38	15.23	12.20	7.19	8.23	7.42	7.75	7.15	6.19	10.00
Imputation only	15.39	15.21	12.25	7.18	8.26	7.39	7.74	7.16	6.19	10.03
<i>Difference (per cent)</i>	0.0	-0.1	0.4	-0.1	0.3	-0.5	-0.1	0.2	0.1	0.3
Imputation and weighting	15.40	15.22	12.15	7.16	8.27	7.38	7.71	7.17	6.13	10.26
<i>Total Difference (per cent)</i>	0.1	-0.1	-0.4	-0.4	0.4	-0.5	-0.5	0.2	-1.0	2.6
<i>Growth with no imputation or weighting (per cent)</i>	5.2	3.6	3.3	3.3	3.5	5.4	4.5	2.8	4.2	4.9
<i>Growth with imputation and weighting (per cent)</i>	5.6	3.6	3.4	3.4	3.4	5.3	4.3	2.7	4.5	4.5
1998										
No imputation or weighting	14.62	14.70	11.81	6.96	7.95	7.04	7.42	6.96	5.94	9.54
Imputation only	14.61	14.69	11.89	6.95	7.99	7.01	7.43	6.98	5.94	9.58
<i>Difference (per cent)</i>	0.0	-0.1	0.7	-0.1	0.5	-0.3	0.1	0.2	0.1	0.4
Imputation and weighting	14.59	14.69	11.75	6.92	8.00	7.01	7.39	6.98	5.86	9.82
<i>Total Difference (per cent)</i>	-0.2	0.0	-0.5	-0.5	0.6	-0.4	-0.4	0.3	-1.3	2.9
<i>Growth with no imputation or weighting (per cent)</i>										
<i>Growth with imputation and weighting (per cent)</i>										

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

c Occupations are coded according to the Standard Occupational Classification 1990.

Table A12 Average total weekly hours^a and growth^b in April 2000 to 2003 by occupational group^c for full-time employees^c; United Kingdom

	Managers and senior officials	Professional occupations	Associate professional and technical occupations	Administrative and secretarial occupations	Skilled trades occupations	Personal service occupations	Sales and customer service occupations	Process, plant and machine operatives	Elementary occupations	All occupations
2003										
No imputation or weighting	39.0	36.2	38.5	37.5	42.6	39.2	38.8	44.7	42.7	39.6
Imputation only	39.0	36.2	38.5	37.6	42.7	39.3	38.9	44.8	42.8	39.6
<i>Difference (per cent)</i>	<i>0.2</i>	<i>0.0</i>	<i>0.1</i>	<i>0.1</i>	<i>0.2</i>	<i>0.2</i>	<i>0.3</i>	<i>0.3</i>	<i>0.2</i>	<i>0.1</i>
Imputation and weighting	39.0	36.3	38.6	37.5	42.7	39.2	38.8	44.8	42.6	39.6
<i>Total Difference (per cent)</i>	<i>0.2</i>	<i>0.3</i>	<i>0.2</i>	<i>-0.1</i>	<i>0.2</i>	<i>0.1</i>	<i>0.1</i>	<i>0.2</i>	<i>-0.3</i>	<i>0.0</i>
<i>Growth with no imputation or weighting (per cent)</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>	<i>-0.2</i>	<i>-0.2</i>	<i>0.3</i>	<i>-1.0</i>	<i>0.2</i>	<i>-0.2</i>	<i>-0.1</i>
<i>Growth with imputation and weighting (per cent)</i>	<i>0.4</i>	<i>0.5</i>	<i>0.3</i>	<i>-0.1</i>	<i>0.1</i>	<i>0.6</i>	<i>-0.8</i>	<i>0.6</i>	<i>0.1</i>	<i>0.1</i>
2002										
No imputation or weighting	38.9	36.1	38.4	37.6	42.6	39.1	39.2	44.6	42.8	39.6
Imputation only	38.9	36.1	38.4	37.6	42.6	39.1	39.2	44.5	42.7	39.6
<i>Difference (per cent)</i>	<i>0.0</i>	<i>-0.1</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>-0.1</i>	<i>-0.1</i>	<i>-0.1</i>
Imputation and weighting	38.9	36.2	38.5	37.6	42.6	39.0	39.2	44.5	42.5	39.6
<i>Total Difference (per cent)</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>-0.1</i>	<i>-0.1</i>	<i>-0.3</i>	<i>-0.2</i>	<i>-0.1</i>	<i>-0.6</i>	<i>-0.1</i>
<i>Growth with no imputation or weighting (per cent)</i>										
<i>Growth with imputation and weighting (per cent)</i>										

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

c Occupations are coded according to the Standard Occupational Classification 2000.

Table A12a Average total weekly hours^a and growth^b in April 1998 to 2001 by occupational group^c for full-time employees¹; United Kingdom

	Managers and administrators	Professional occupations	Associate professional and technical occupations	Clerical and secretarial occupations	Craft and related occupations	Personal and protective service occupations	Sales occupations	Plant and machine operatives	Other occupations	All occupations
2001										
No imputation or weighting	38.8	35.8	38.2	38.3	43.0	40.7	39.0	44.5	43.2	39.8
Imputation only	38.8	35.8	38.2	38.3	43.0	40.7	39.0	44.5	43.2	39.8
<i>Difference (per cent)</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1
Imputation and weighting	38.8	35.9	38.2	38.3	43.0	40.5	38.9	44.5	43.0	39.7
<i>Total Difference (per cent)</i>	0.1	0.1	0.0	-0.1	0.0	-0.7	-0.1	-0.1	-0.6	-0.2
<i>Growth with no imputation or weighting (per cent)</i>	-0.1	0.3	0.4	0.3	-0.3	1.0	0.2	0.0	-0.9	-0.1
<i>Growth with imputation and weighting (per cent)</i>	-0.1	0.3	0.5	0.2	-0.3	1.1	0.1	0.0	-1.1	0.0
2000										
No imputation or weighting	38.8	35.7	38.0	38.2	43.1	40.3	38.9	44.6	43.7	39.8
Imputation only	38.8	35.7	38.0	38.2	43.1	40.3	38.9	44.5	43.6	39.8
<i>Difference (per cent)</i>	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	-0.1
Imputation and weighting	38.8	35.8	38.0	38.2	43.1	40.0	38.9	44.5	43.4	39.7
<i>Total Difference (per cent)</i>	0.1	0.2	0.0	0.0	0.0	-0.7	-0.1	-0.1	-0.5	-0.3
<i>Growth with no imputation or weighting (per cent)</i>	-0.1	0.2	-0.4	-0.3	-0.3	-0.4	-0.5	0.1	-0.5	-0.3
<i>Growth with imputation and weighting (per cent)</i>	-0.1	0.3	-0.4	-0.3	-0.4	-0.4	-0.7	0.1	-0.5	-0.2
1999										
No imputation or weighting	38.9	35.7	38.2	38.3	43.3	40.5	39.1	44.5	43.9	39.9
Imputation only	38.9	35.6	38.2	38.3	43.3	40.5	39.2	44.5	43.8	39.9
<i>Difference (per cent)</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	-0.1
Imputation and weighting	38.9	35.7	38.2	38.3	43.3	40.2	39.2	44.5	43.7	39.8
<i>Total Difference (per cent)</i>	0.0	0.1	0.0	0.0	0.0	-0.8	0.1	-0.1	-0.5	-0.5
<i>Growth with no imputation or weighting (per cent)</i>	-0.4	-0.4	-0.2	-0.2	-1.1	-1.0	0.0	-1.2	-0.1	-0.7
<i>Growth with imputation and weighting (per cent)</i>	-0.4	-0.3	-0.2	-0.2	-1.2	-0.7	0.1	-1.2	-0.1	-0.6
1998										
No imputation or weighting	39.0	35.8	38.2	38.4	43.8	40.9	39.1	45.0	43.9	40.2
Imputation only	39.0	35.8	38.2	38.4	43.8	40.9	39.1	45.0	43.9	40.2
<i>Difference (per cent)</i>	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	-0.1	-0.1
Imputation and weighting	39.0	35.8	38.2	38.4	43.8	40.5	39.1	45.0	43.7	40.0
<i>Total Difference (per cent)</i>	0.0	0.1	0.0	0.0	0.1	-1.1	0.1	0.0	-0.4	-0.6
<i>Growth with no imputation or weighting (per cent)</i>										
<i>Growth with imputation and weighting (per cent)</i>										

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

c Occupations are coded according to the Standard Occupational Classification 1990.

Table A13 Average gross annual earnings^{a,b} and growth^c in April 1999 to 2003 by government office region and country for full-time employees^e; United Kingdom

	North East	North West	Yorkshire & the Humber	East Midlands	West Midlands	South West	East	London	South East	Wales	Scotland	Northern Ireland	United Kingdom ^d
2003													
No imputation or weighting	20,925	22,744	22,132	22,356	22,754	23,081	24,880	36,047	26,672	21,387	22,639	21,242	25,060
Imputation only	20,945	22,782	22,190	22,377	22,803	23,142	24,936	36,064	26,729	21,385	22,657	21,242	25,097
<i>Difference (per cent)</i>	0.1	0.2	0.3	0.1	0.2	0.3	0.2	0.0	0.2	0.0	0.1	0.0	0.1
Imputation and weighting	21,317	23,315	22,691	22,829	23,297	23,676	25,532	37,672	27,537	21,825	23,169	21,645	25,866
<i>Total Difference (per cent)</i>	1.9	2.5	2.5	2.1	2.4	2.6	2.6	4.5	3.2	2.0	2.3	1.9	3.2
<i>Growth with no imputation or weighting (per cent)</i>	2.4	2.1	3.5	3.1	2.5	3.6	3.9	4.3	2.0	3.7	3.6	1.7	3.1
<i>Growth with imputation and weighting (per cent)</i>	2.5	2.5	4.1	3.5	3.2	4.3	4.5	5.4	3.2	4.2	3.8	2.0	3.8
2002													
No imputation or weighting	20,426	22,283	21,380	21,688	22,192	22,275	23,939	34,576	26,148	20,623	21,850	20,896	24,295
Imputation only	20,496	22,297	21,433	21,723	22,225	22,299	23,999	34,582	26,198	20,631	21,926	20,892	24,337
<i>Difference (per cent)</i>	0.3	0.1	0.2	0.2	0.1	0.1	0.2	0.0	0.2	0.0	0.3	0.0	0.2
Imputation and weighting	20,798	22,738	21,805	22,065	22,571	22,706	24,434	35,739	26,691	20,951	22,317	21,225	24,911
<i>Total Difference (per cent)</i>	1.8	2.0	2.0	1.7	1.7	1.9	2.1	3.4	2.1	1.6	2.1	1.6	2.5
<i>Growth with no imputation or weighting (per cent)</i>	3.0	5.1	4.0	4.9	2.3	5.2	3.3	0.7	4.9	3.7	3.5	5.6	3.7
<i>Growth with imputation and weighting (per cent)</i>	3.5	5.3	4.5	5.4	2.5	5.5	3.5	1.7	5.7	3.9	3.7	5.4	4.1
2001													
No imputation or weighting	19,824	21,195	20,557	20,671	21,697	21,179	23,172	34,335	24,933	19,889	21,103	19,782	23,427
Imputation only	19,826	21,225	20,550	20,676	21,720	21,180	23,211	34,332	24,945	19,899	21,150	19,748	23,444
<i>Difference (per cent)</i>	0.0	0.1	0.0	0.0	0.1	0.0	0.2	0.0	0.0	0.0	0.2	-0.2	0.1
Imputation and weighting	20,103	21,594	20,875	20,932	22,024	21,524	23,615	35,140	25,259	20,161	21,523	20,131	23,925
<i>Total Difference (per cent)</i>	1.4	1.9	1.5	1.3	1.5	1.6	1.9	2.3	1.3	1.4	2.0	1.8	2.1
<i>Growth with no imputation or weighting (per cent)</i>	2.8	4.2	4.4	4.1	6.9	5.0	5.1	6.5	6.1	3.4	4.1	5.8	4.9
<i>Growth with imputation and weighting (per cent)</i>	2.8	4.5	4.3	3.9	6.8	5.1	5.3	6.5	5.8	3.4	4.1	5.3	4.9

Table A13 Average gross annual earnings^{a,b} and growth^c in April 1999 to 2003 by government office region and country for full-time employees^d; United Kingdom

	North East	North West	Yorkshire & the Humber	East Midlands	West Midlands	South West	East	London	South East	Wales	Scotland	Northern Ireland	United Kingdom ^d
2000													
No imputation or weighting	19,282	20,337	19,696	19,851	20,290	20,166	22,044	32,238	23,502	19,233	20,268	18,705	22,336
Imputation only	19,269	20,322	19,693	19,867	20,298	20,157	22,041	32,217	23,511	19,223	20,321	18,737	22,338
<i>Difference (per cent)</i>	-0.1	-0.1	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	-0.1	0.3	0.2	0.0
Imputation and weighting	19,560	20,670	20,018	20,144	20,631	20,482	22,424	33,000	23,867	19,507	20,678	19,112	22,801
<i>Total Difference (per cent)</i>	1.4	1.6	1.6	1.5	1.7	1.6	1.7	2.4	1.6	1.4	2.0	2.2	2.1
<i>Growth with no imputation or weighting (per cent)</i>	7.2	5.7	5.8	7.0	5.1	6.9	7.6	11.7	7.0	5.8	4.6	-0.1	7.1
<i>Growth with imputation and weighting (per cent)</i>	6.6	5.4	5.5	6.8	4.8	6.7	7.5	11.3	6.7	5.5	5.1	0.1	7.0
1999													
No imputation or weighting	17,983	19,249	18,622	18,549	19,297	18,867	20,490	28,849	21,959	18,179	19,375	18,719	20,858
Imputation only	18,025	19,266	18,627	18,567	19,308	18,867	20,504	28,873	21,986	18,207	19,386	18,643	20,872
<i>Difference (per cent)</i>	0.2	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.2	0.1	-0.4	0.1
Imputation and weighting	18,351	19,609	18,977	18,864	19,686	19,203	20,866	29,640	22,361	18,486	19,667	19,093	21,314
<i>Total Difference (per cent)</i>	2.0	1.9	1.9	1.7	2.0	1.8	1.8	2.7	1.8	1.7	1.5	2.0	2.2
<i>Growth with no imputation or weighting (per cent)</i>													
<i>Growth with imputation and weighting (per cent)</i>													

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates

b Annual earnings estimates relate to employees who have been in the same job for at least 12 months, regardless of whether or not their pay was affected by absence.

c Growth is year on year increase

d United Kingdom figures may not be consistent with all full-time employees figures due to missing regional classification information

Table A14 Average gross weekly pay^a and growth^b in April 1998 to 2003 by government office region and country for full-time employees^c; United Kingdom

	North East	North West	Yorkshire & the Humber	East Midlands	West Midlands	South West	East	London	South East	Wales	Scotland	Northern Ireland	United Kingdom ^c
2003													
No imputation or weighting	402.0	437.7	426.5	429.1	435.7	440.3	476.8	638.1	505.8	414.7	436.9	404.2	474.3
Imputation only	401.4	437.4	427.1	429.8	436.6	440.9	477.9	638.0	506.4	414.7	437.0	404.6	474.6
<i>Difference (per cent)</i>	-0.1	-0.1	0.1	0.2	0.2	0.1	0.2	0.0	0.1	0.0	0.0	0.1	0.1
Imputation and weighting	408.4	446.8	436.1	438.1	445.3	450.2	487.8	663.0	520.7	422.6	446.1	411.8	487.6
<i>Total Difference (per cent)</i>	1.6	2.1	2.2	2.1	2.2	2.3	2.3	3.9	2.9	1.9	2.1	1.9	2.8
<i>Growth with no imputation or weighting (per cent)</i>	1.9	2.6	3.9	3.6	1.9	4.2	4.3	2.3	1.4	3.8	2.3	3.6	2.6
<i>Growth with imputation and weighting (per cent)</i>	1.9	2.9	4.6	4.3	2.6	4.9	5.1	3.4	2.6	4.3	2.7	3.8	3.3
2002													
No imputation or weighting	394.4	426.8	410.3	414.3	427.3	422.4	457.1	624.0	498.6	399.5	427.0	390.1	462.3
Imputation only	394.8	426.6	410.1	414.4	427.2	422.4	456.9	623.2	498.6	399.2	427.5	391.6	462.2
<i>Difference (per cent)</i>	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	0.1	0.4	0.0
Imputation and weighting	400.7	434.4	416.8	420.1	433.9	429.2	464.0	641.3	507.5	405.2	434.6	396.8	472.1
<i>Total Difference (per cent)</i>	1.6	1.8	1.6	1.4	1.5	1.6	1.5	2.8	1.8	1.4	1.8	1.7	2.1
<i>Growth with no imputation or weighting (per cent)</i>	3.8	4.6	4.8	5.3	2.1	3.4	4.3	4.7	5.5	4.7	5.5	4.0	4.5
<i>Growth with imputation and weighting (per cent)</i>	4.3	4.8	5.1	5.5	2.3	3.8	4.5	5.7	6.3	5.0	5.7	4.0	5.0
2001													
No imputation or weighting	379.8	408.1	391.7	393.5	418.6	408.6	438.3	595.7	472.6	381.7	404.9	375.0	442.3
Imputation only	379.5	408.4	391.2	393.9	418.6	407.9	438.1	595.5	472.1	381.6	405.2	375.6	442.1
<i>Difference (per cent)</i>	-0.1	0.1	-0.1	0.1	0.0	-0.2	-0.1	0.0	-0.1	0.0	0.1	0.1	0.0
Imputation and weighting	384.0	414.3	396.5	398.2	424.0	413.4	444.1	606.6	477.2	385.8	411.1	381.5	449.7
<i>Total Difference (per cent)</i>	1.1	1.5	1.2	1.2	1.3	1.2	1.3	1.8	1.0	1.1	1.5	1.7	1.7
<i>Growth with no imputation or weighting (per cent)</i>	3.2	4.9	4.5	5.1	8.1	7.4	5.3	6.1	6.6	3.6	5.7	4.0	5.8
<i>Growth with imputation and weighting (per cent)</i>	3.1	5.0	4.2	5.0	7.9	7.4	5.3	6.1	6.5	3.5	5.8	3.8	5.8

Table A14 Average gross weekly pay^a and growth^b in April 1998 to 2003 by government office region and country for full-time employees^c; United Kingdom

	North East	North West	Yorkshire & the Humber	East Midlands	West Midlands	South West	East	London	South East	Wales	Scotland	Northern Ireland	United Kingdom ^c
2000													
No imputation or weighting	367.9	389.0	374.9	374.4	387.2	380.6	416.1	561.6	443.2	368.4	383.0	360.4	418.1
Imputation only	367.7	388.9	374.9	374.9	387.5	380.2	415.5	560.7	442.9	368.3	382.9	361.3	417.9
<i>Difference (per cent)</i>	-0.1	0.0	0.0	0.1	0.1	-0.1	-0.1	-0.2	-0.1	0.0	0.0	0.2	0.0
Imputation and weighting	372.5	394.6	380.4	379.2	392.8	385.0	421.7	571.5	448.3	372.8	388.6	367.6	425.1
<i>Total Difference (per cent)</i>	1.2	1.5	1.5	1.3	1.4	1.2	1.3	1.8	1.1	1.2	1.5	2.0	1.7
<i>Growth with no imputation or weighting (per cent)</i>	5.2	4.1	4.0	3.3	3.0	4.1	4.7	7.0	4.6	4.1	3.5	4.5	4.5
<i>Growth with imputation and weighting (per cent)</i>	4.7	3.9	3.8	3.1	2.7	3.6	4.5	6.5	4.3	3.9	3.1	4.3	4.2
1999													
No imputation or weighting	349.8	373.7	360.6	362.4	375.8	365.5	397.3	524.8	423.6	354.0	370.1	344.9	400.1
Imputation only	350.1	373.9	360.9	363.2	375.9	365.9	397.3	524.8	423.9	354.2	370.3	346.4	400.4
<i>Difference (per cent)</i>	0.1	0.1	0.1	0.2	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.4	0.1
Imputation and weighting	355.7	379.9	366.6	368.0	382.6	371.6	403.5	536.5	430.0	358.7	377.0	352.4	407.8
<i>Total Difference (per cent)</i>	1.7	1.7	1.7	1.5	1.8	1.7	1.6	2.2	1.5	1.3	1.9	2.2	1.9
<i>Growth with no imputation or weighting (per cent)</i>	3.2	2.9	4.5	3.5	4.4	3.1	4.5	4.0	4.3	3.2	5.7	3.7	4.1
<i>Growth with imputation and weighting (per cent)</i>	2.9	2.6	4.1	3.2	4.2	2.8	4.2	4.0	4.0	2.9	4.7	3.7	3.9
1998													
No imputation or weighting	338.8	363.3	345.1	350.3	359.8	354.6	380.3	504.4	406.3	343.1	350.0	332.6	384.4
Imputation only	339.4	363.5	346.2	350.9	360.2	354.9	380.5	504.5	406.7	343.7	353.8	333.0	385.0
<i>Difference (per cent)</i>	0.2	0.1	0.3	0.2	0.1	0.1	0.1	0.0	0.1	0.2	1.1	0.1	0.1
Imputation and weighting	345.5	370.4	352.1	356.6	367.0	361.4	387.1	515.7	413.3	348.5	360.2	339.8	392.5
<i>Total Difference (per cent)</i>	2.0	2.0	2.0	1.8	2.0	1.9	1.8	2.2	1.7	1.6	2.9	2.2	2.1
<i>Growth with no imputation or weighting (per cent)</i>													
<i>Growth with imputation and weighting (per cent)</i>													

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

c United Kingdom figures may not be consistent with all full-time employees figures due to missing regional classification information

Table A15 Average gross hourly pay^a and growth^b in April 1998 to 2003 by government office region and country for full-time employees^c; United Kingdom

	North East	North West	Yorkshire & the Humber	East Midlands	West Midlands	South West	East	London	South East	Wales	Scotland	Northern Ireland	United Kingdom ^c
2003													
No imputation or weighting	10.22	11.00	10.67	10.68	10.95	11.09	11.89	16.48	12.73	10.48	11.03	10.27	11.97
Imputation only	10.20	11.07	10.69	10.67	10.97	11.12	11.89	16.42	12.74	10.48	11.02	10.28	11.97
Difference (per cent)	-0.2	0.7	0.2	-0.1	0.2	0.2	0.0	-0.4	0.1	0.0	-0.1	0.1	0.0
Imputation and weighting	10.36	11.31	10.91	10.88	11.19	11.35	12.14	17.11	13.14	10.67	11.25	10.46	12.31
Total Difference (per cent)	1.4	2.8	2.3	1.9	2.2	2.3	2.1	3.8	3.2	1.8	2.0	1.8	2.8
Growth with no imputation or weighting (per cent)	2.5	2.4	4.6	4.2	2.5	4.3	4.4	2.3	1.6	3.7	3.4	4.3	2.8
Growth with imputation and weighting (per cent)	2.2	2.8	4.8	4.3	2.5	4.8	4.6	3.1	2.8	3.9	2.1	4.4	3.2
2002													
No imputation or weighting	9.97	10.75	10.20	10.25	10.68	10.63	11.39	16.11	12.53	10.10	10.66	9.85	11.64
Imputation only	9.99	10.81	10.25	10.29	10.75	10.66	11.42	16.11	12.54	10.12	10.83	9.89	11.68
Difference (per cent)	0.2	0.5	0.5	0.4	0.6	0.2	0.3	0.0	0.1	0.1	1.5	0.4	0.3
Imputation and weighting	10.14	11.01	10.41	10.44	10.92	10.83	11.61	16.59	12.77	10.27	11.01	10.02	11.93
Total Difference (per cent)	1.7	2.4	2.1	1.8	2.2	1.8	1.9	3.0	2.0	1.7	3.2	1.7	2.5
Growth with no imputation or weighting (per cent)	4.3	4.8	4.2	5.4	1.8	4.0	4.7	5.3	5.6	5.3	5.5	4.5	4.7
Growth with imputation and weighting (per cent)	5.1	5.4	4.9	5.8	2.5	4.6	5.0	6.4	6.6	5.9	5.6	4.4	5.4
2001													
No imputation or weighting	9.56	10.25	9.79	9.73	10.49	10.22	10.88	15.31	11.86	9.59	10.11	9.42	11.11
Imputation only	9.53	10.28	9.78	9.74	10.50	10.20	10.89	15.29	11.86	9.59	10.27	9.44	11.12
Difference (per cent)	-0.3	0.3	-0.1	0.1	0.1	-0.2	0.2	-0.1	0.0	0.0	1.5	0.2	0.1
Imputation and weighting	9.65	10.44	9.93	9.87	10.65	10.36	11.06	15.59	11.98	9.71	10.43	9.60	11.33
Total Difference (per cent)	1.0	1.9	1.4	1.4	1.5	1.3	1.7	1.9	1.0	1.2	3.2	1.9	1.9
Growth with no imputation or weighting (per cent)	3.6	5.1	5.1	5.1	8.4	7.0	5.5	6.9	6.6	4.0	5.7	4.2	6.1
Growth with imputation and weighting (per cent)	3.1	5.0	4.6	4.9	8.0	6.8	5.3	6.0	6.2	3.6	5.8	3.9	5.8

Table A15 Average gross hourly pay^a and growth^b in April 1998 to 2003 by government office region and country for full-time employees^c; United Kingdom

	North East	North West	Yorkshire & the Humber	East Midlands	West Midlands	South West	East	London	South East	Wales	Scotland	Northern Ireland	United Kingdom ^c
2000													
No imputation or weighting	9.22	9.75	9.31	9.25	9.68	9.55	10.31	14.32	11.13	9.22	9.56	9.04	10.48
Imputation only	9.22	9.78	9.33	9.27	9.71	9.55	10.33	14.40	11.14	9.24	9.69	9.07	10.51
Difference (per cent)	0.0	0.3	0.2	0.2	0.3	0.0	0.1	0.6	0.1	0.1	1.3	0.3	0.3
Imputation and weighting	9.36	9.94	9.49	9.41	9.87	9.69	10.50	14.70	11.29	9.37	9.85	9.24	10.71
Total Difference (per cent)	1.5	2.0	1.9	1.7	2.0	1.4	1.9	2.7	1.4	1.6	3.1	2.2	2.2
Growth with no imputation or weighting (per cent)	4.8	4.3	4.1	3.8	3.7	4.5	5.0	6.8	5.2	4.5	3.8	4.3	4.7
Growth with imputation and weighting (per cent)	4.4	4.1	3.5	3.5	3.1	3.9	4.5	6.6	4.7	4.3	3.2	4.0	4.4
1999													
No imputation or weighting	8.80	9.35	8.94	8.91	9.33	9.14	9.82	13.41	10.58	8.83	9.21	8.67	10.00
Imputation only	8.79	9.37	8.98	8.93	9.37	9.14	9.85	13.46	10.60	8.83	9.34	8.71	10.03
Difference (per cent)	0.0	0.2	0.4	0.2	0.4	0.0	0.2	0.4	0.2	0.0	1.4	0.4	0.3
Imputation and weighting	8.96	9.55	9.17	9.09	9.57	9.32	10.05	13.80	10.79	8.98	9.54	8.89	10.26
Total Difference (per cent)	1.9	2.2	2.5	2.0	2.6	2.0	2.3	2.9	1.9	1.7	3.6	2.5	2.6
Growth with no imputation or weighting (per cent)	4.4	3.9	4.9	5.1	5.4	3.7	5.1	4.9	4.8	4.3	5.4	4.1	4.9
Growth with imputation and weighting (per cent)	3.8	3.3	4.7	4.2	5.0	3.1	4.6	4.5	4.4	4.1	5.3	4.1	4.5
1998													
No imputation or weighting	8.42	9.00	8.53	8.48	8.86	8.81	9.35	12.79	10.09	8.46	8.74	8.33	9.54
Imputation only	8.44	9.03	8.55	8.53	8.90	8.84	9.38	12.86	10.12	8.47	8.85	8.34	9.58
Difference (per cent)	0.2	0.4	0.3	0.6	0.4	0.3	0.3	0.6	0.3	0.1	1.3	0.2	0.4
Imputation and weighting	8.64	9.25	8.75	8.73	9.12	9.05	9.60	13.20	10.33	8.63	9.06	8.54	9.82
Total Difference (per cent)	2.5	2.8	2.6	2.9	2.9	2.6	2.8	3.3	2.4	2.0	3.7	2.5	2.9
Growth with no imputation or weighting (per cent)													
Growth with imputation and weighting (per cent)													

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

c United Kingdom figures may not be consistent with all full-time employees figures due to missing regional classification information

Table A16 Average total weekly hours^a and growth^b in April 1998 to 2003 by government office region and country for full-time employees^c; United Kingdom

	North East	North West	Yorkshire & the Humber	East Midlands	West Midlands	South West	East	London	South East	Wales	Scotland	Northern Ireland	United Kingdom ^c
2003													
No imputation or weighting	39.3	39.5	39.9	40.2	39.7	39.6	40.2	38.8	39.7	39.5	39.6	39.4	39.6
Imputation only	39.4	39.5	40.0	40.3	39.8	39.7	40.2	38.9	39.7	39.6	39.7	39.4	39.6
<i>Difference (per cent)</i>	0.1	0.1	0.1	0.2	0.2	0.0	0.0	0.2	0.1	0.2	0.1	0.0	0.1
Imputation and weighting	39.4	39.5	40.0	40.3	39.8	39.7	40.2	38.7	39.6	39.6	39.7	39.4	39.6
<i>Total Difference (per cent)</i>	0.2	0.1	0.1	0.2	0.2	0.1	0.0	-0.1	-0.2	0.2	0.1	0.0	0.0
<i>Growth with no imputation or weighting (per cent)</i>	-0.5	-0.1	-0.3	-0.3	-0.1	-0.1	0.3	0.2	-0.2	0.0	0.1	-0.7	-0.1
<i>Growth with imputation and weighting (per cent)</i>	-0.3	0.1	-0.1	0.0	0.2	0.1	0.5	0.2	-0.2	0.4	0.5	-0.6	0.1
2002													
No imputation or weighting	39.5	39.5	40.1	40.3	39.8	39.7	40.1	38.7	39.8	39.5	39.6	39.6	39.6
Imputation only	39.5	39.5	40.0	40.3	39.8	39.6	40.0	38.7	39.7	39.5	39.5	39.6	39.6
<i>Difference (per cent)</i>	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.2	0.0	-0.1	-0.1	-0.2	0.0	-0.1
Imputation and weighting	39.5	39.5	40.0	40.3	39.7	39.6	40.0	38.7	39.7	39.4	39.5	39.6	39.6
<i>Total Difference (per cent)</i>	0.0	-0.1	-0.1	-0.2	-0.1	-0.1	-0.3	-0.1	-0.2	-0.1	-0.3	0.0	-0.1
<i>Growth with no imputation or weighting (per cent)</i>	-0.7	-0.6	0.1	-0.4	-0.2	-0.8	-0.5	-0.6	-0.2	-0.8	0.1	-0.5	-0.4
<i>Growth with imputation and weighting (per cent)</i>	-0.7	-0.5	0.2	-0.3	-0.1	-0.7	-0.5	-0.6	-0.2	-0.8	0.1	-0.3	-0.3
2001													
No imputation or weighting	39.8	39.7	40.0	40.5	39.9	40.0	40.3	38.9	39.9	39.8	39.5	39.8	39.8
Imputation only	39.8	39.7	40.0	40.4	39.8	40.0	40.2	38.9	39.8	39.8	39.5	39.8	39.8
<i>Difference (per cent)</i>	0.0	0.0	-0.1	0.0	0.0	0.0	-0.2	0.0	-0.2	0.0	-0.2	0.0	-0.1
Imputation and weighting	39.8	39.7	39.9	40.4	39.8	39.9	40.2	38.9	39.8	39.7	39.4	39.7	39.7
<i>Total Difference (per cent)</i>	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.4	-0.1	-0.1	-0.2	-0.3	-0.2	-0.2
<i>Growth with no imputation or weighting (per cent)</i>	-0.2	-0.1	-0.5	0.0	-0.1	0.4	0.0	0.0	0.2	-0.2	-0.3	-0.1	-0.1
<i>Growth with imputation and weighting (per cent)</i>	0.0	0.0	-0.4	0.1	0.0	0.5	0.1	0.1	0.3	-0.1	-0.1	-0.1	0.0

Table A16 Average total weekly hours^a and growth^b in April 1998 to 2003 by government office region and country for full-time employees^c; United Kingdom

	North East	North West	Yorkshire & the Humber	East Midlands	West Midlands	South West	East	London	South East	Wales	Scotland	Northern Ireland	United Kingdom ^c
2000													
No imputation or weighting	39.9	39.8	40.2	40.4	39.9	39.8	40.3	38.9	39.8	39.9	39.6	39.8	39.8
Imputation only	39.9	39.8	40.2	40.4	39.9	39.8	40.2	38.9	39.8	39.9	39.5	39.8	39.8
<i>Difference (per cent)</i>	0.0	-0.1	-0.1	0.0	0.0	0.0	-0.2	0.0	-0.1	0.0	-0.3	0.0	-0.1
Imputation and weighting	39.8	39.7	40.1	40.3	39.8	39.7	40.1	38.9	39.7	39.8	39.4	39.8	39.7
<i>Total Difference (per cent)</i>	-0.2	-0.3	-0.3	-0.3	-0.3	-0.2	-0.4	-0.2	-0.2	-0.2	-0.5	-0.2	-0.3
<i>Growth with no imputation or weighting (per cent)</i>	0.2	-0.4	0.0	-0.6	-0.6	-0.5	-0.3	-0.2	-0.6	-0.6	-0.2	0.2	-0.3
<i>Growth with imputation and weighting (per cent)</i>	0.3	-0.2	0.2	-0.4	-0.4	-0.3	0.0	0.0	-0.4	-0.4	-0.2	0.3	-0.2
1999													
No imputation or weighting	39.8	40.0	40.2	40.7	40.1	40.0	40.4	39.0	40.0	40.1	39.7	39.8	39.9
Imputation only	39.8	39.9	40.2	40.7	40.1	40.0	40.3	39.0	40.0	40.1	39.7	39.8	39.9
<i>Difference (per cent)</i>	0.0	-0.1	-0.1	0.0	0.0	-0.1	-0.2	0.0	-0.1	0.0	-0.2	0.0	-0.1
Imputation and weighting	39.7	39.8	40.0	40.5	40.0	39.9	40.2	38.9	39.9	39.9	39.5	39.6	39.8
<i>Total Difference (per cent)</i>	-0.3	-0.4	-0.6	-0.5	-0.4	-0.5	-0.7	-0.3	-0.4	-0.5	-0.6	-0.3	-0.5
<i>Growth with no imputation or weighting (per cent)</i>	-1.0	-0.8	-0.7	-1.1	-0.9	-0.4	-0.6	-0.6	-0.5	-1.2	-0.8	-0.4	-0.7
<i>Growth with imputation and weighting (per cent)</i>	-0.8	-0.7	-0.6	-0.9	-0.7	-0.3	-0.4	-0.5	-0.3	-1.1	-0.6	-0.3	-0.6
1998													
No imputation or weighting	40.2	40.3	40.5	41.1	40.5	40.2	40.7	39.3	40.2	40.6	40.0	39.9	40.2
Imputation only	40.2	40.2	40.5	41.1	40.5	40.2	40.6	39.2	40.2	40.6	40.0	39.9	40.2
<i>Difference (per cent)</i>	0.0	-0.1	-0.1	0.0	0.0	0.0	-0.2	0.0	-0.1	0.0	-0.2	-0.1	-0.1
Imputation and weighting	40.0	40.0	40.2	40.9	40.3	40.0	40.3	39.1	40.0	40.4	39.7	39.8	40.0
<i>Total Difference (per cent)</i>	-0.5	-0.6	-0.7	-0.7	-0.6	-0.5	-0.9	-0.5	-0.6	-0.5	-0.8	-0.4	-0.6
<i>Growth with no imputation or weighting (per cent)</i>													
<i>Growth with imputation and weighting (per cent)</i>													

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

c United Kingdom figures may not be consistent with all full-time employees figures due to missing regional classification information

Table A17 Average gross annual earnings^{a,b} and growth^c in April 1999 to 2003 by age for full-time employees¹; United Kingdom

	Age				
	18 to 21	22 to 29	30 to 39	40 to 49	50 +
2003					
No imputation or weighting	12,080	19,573	26,383	27,634	25,087
Imputation only	12,124	19,572	26,424	27,676	25,156
<i>Difference (per cent)</i>	0.4	0.0	0.2	0.2	0.3
Imputation and weighting	12,140	20,112	27,489	28,902	25,554
<i>Total Difference (per cent)</i>	0.5	2.8	4.2	4.6	1.9
<i>Growth with no imputation or weighting (per cent)</i>	2.5	2.1	2.9	4.0	2.4
<i>Growth with imputation and weighting (per cent)</i>	2.1	2.3	3.7	5.2	2.5
2002					
No imputation or weighting	11,781	19,176	25,634	26,580	24,492
Imputation only	11,811	19,190	25,686	26,626	24,546
<i>Difference (per cent)</i>	0.3	0.1	0.2	0.2	0.2
Imputation and weighting	11,886	19,660	26,507	27,474	24,931
<i>Total Difference (per cent)</i>	0.9	2.5	3.4	3.4	1.8
<i>Growth with no imputation or weighting (per cent)</i>	3.2	4.2	3.6	3.7	3.9
<i>Growth with imputation and weighting (per cent)</i>	4.3	4.5	4.4	4.2	3.8
2001					
No imputation or weighting	11,417	18,396	24,731	25,639	23,569
Imputation only	11,407	18,400	24,747	25,668	23,594
<i>Difference (per cent)</i>	-0.1	0.0	0.1	0.1	0.1
Imputation and weighting	11,397	18,808	25,398	26,357	24,028
<i>Total Difference (per cent)</i>	-0.2	2.2	2.7	2.8	1.9
<i>Growth with no imputation or weighting (per cent)</i>	2.8	5.9	5.8	4.6	2.7
<i>Growth with imputation and weighting (per cent)</i>	2.1	6.0	5.5	4.4	3.0
2000					
No imputation or weighting	11,109	17,373	23,377	24,521	22,942
Imputation only	11,109	17,369	23,380	24,521	22,955
<i>Difference (per cent)</i>	0.0	0.0	0.0	0.0	0.1
Imputation and weighting	11,168	17,745	24,071	25,236	23,334
<i>Total Difference (per cent)</i>	0.5	2.1	3.0	2.9	1.7
<i>Growth with no imputation or weighting (per cent)</i>	7.3	6.6	6.4	6.4	7.3
<i>Growth with imputation and weighting (per cent)</i>	6.8	7.2	6.5	6.4	6.5
1999					
No imputation or weighting	10,355	16,300	21,968	23,052	21,381
Imputation only	10,352	16,301	21,981	23,068	21,408
<i>Difference (per cent)</i>	0.0	0.0	0.1	0.1	0.1
Imputation and weighting	10,458	16,560	22,593	23,723	21,905
<i>Total Difference (per cent)</i>	1.0	1.6	2.8	2.9	2.5
<i>Growth with no imputation or weighting (per cent)</i>					
<i>Growth with imputation and weighting (per cent)</i>					

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates

b Annual earnings estimates relate to employees who have been in the same job for at least 12 months, regardless of whether or not their pay was affected by absence.

c Growth is year on year increase

Table A18 Average gross weekly pay^a and growth^b in April 1998 to 2003 by age for full-time employees^c; United Kingdom

	Age				
	18 to 21	22 to 29	30 to 39	40 to 49	50 +
2003					
No imputation or weighting	250.4	386.5	503.2	523.1	481.6
Imputation only	250.5	386.5	503.9	523.3	482.6
<i>Difference (per cent)</i>	0.0	0.0	0.1	0.0	0.2
Imputation and weighting	251.9	397.4	522.7	544.9	490.1
<i>Total Difference (per cent)</i>	0.6	2.8	3.9	4.2	1.8
<i>Growth with no imputation or weighting (per cent)</i>	2.0	1.4	2.2	3.0	2.5
<i>Growth with imputation and weighting (per cent)</i>	1.7	1.7	3.0	4.1	2.7
2002					
No imputation or weighting	245.4	381.3	492.3	507.9	470.0
Imputation only	245.4	381.3	492.5	508.0	470.0
<i>Difference (per cent)</i>	0.0	0.0	0.0	0.0	0.0
Imputation and weighting	247.7	390.8	507.5	523.6	477.2
<i>Total Difference (per cent)</i>	0.9	2.5	3.1	3.1	1.5
<i>Growth with no imputation or weighting (per cent)</i>	3.1	4.2	4.3	4.4	4.5
<i>Growth with imputation and weighting (per cent)</i>	3.4	4.6	5.0	5.0	4.3
2001					
No imputation or weighting	238.1	365.9	471.8	486.3	449.7
Imputation only	237.9	365.6	471.8	486.3	449.7
<i>Difference (per cent)</i>	-0.1	-0.1	0.0	0.0	0.0
Imputation and weighting	239.4	373.6	483.5	498.7	457.4
<i>Total Difference (per cent)</i>	0.5	2.1	2.5	2.6	1.7
<i>Growth with no imputation or weighting (per cent)</i>	6.4	6.9	6.7	5.0	4.8
<i>Growth with imputation and weighting (per cent)</i>	6.1	6.8	6.5	4.8	4.9
2000					
No imputation or weighting	223.7	342.3	442.1	463.0	429.1
Imputation only	223.5	342.2	442.1	462.8	428.9
<i>Difference (per cent)</i>	-0.1	0.0	0.0	0.0	0.0
Imputation and weighting	225.7	349.8	453.9	475.9	435.8
<i>Total Difference (per cent)</i>	0.9	2.2	2.7	2.8	1.6
<i>Growth with no imputation or weighting (per cent)</i>	1.6	4.3	4.1	4.6	4.0
<i>Growth with imputation and weighting (per cent)</i>	0.9	4.4	4.1	4.7	3.1
1999					
No imputation or weighting	220.2	328.3	424.7	442.6	412.8
Imputation only	220.2	328.7	425.0	442.8	413.4
<i>Difference (per cent)</i>	0.0	0.1	0.1	0.0	0.1
Imputation and weighting	223.6	335.2	436.1	454.7	422.7
<i>Total Difference (per cent)</i>	1.5	2.1	2.7	2.7	2.4
<i>Growth with no imputation or weighting (per cent)</i>	5.2	4.8	3.6	3.8	3.6
<i>Growth with imputation and weighting (per cent)</i>	5.6	4.7	3.3	3.2	3.6
1998					
No imputation or weighting	209.4	313.2	409.8	426.4	398.6
Imputation only	209.7	313.6	410.4	427.1	399.2
<i>Difference (per cent)</i>	0.2	0.1	0.1	0.2	0.1
Imputation and weighting	211.8	320.2	422.2	440.5	408.0
<i>Total Difference (per cent)</i>	1.2	2.2	3.0	3.3	2.4
<i>Growth with no imputation or weighting (per cent)</i>					
<i>Growth with imputation and weighting (per cent)</i>					

Source: Annual Survey of Hours and Earnings

^a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

^b Growth is year on year increase

Table A19 Average gross hourly pay^a and growth^b in April 1998 to 2003 by age for full-time employees^c; United Kingdom

	Age				
	18 to 21	22 to 29	30 to 39	40 to 49	50 +
2003					
No imputation or weighting	6.35	9.84	12.67	13.20	12.11
Imputation only	6.35	9.86	12.67	13.19	12.13
<i>Difference (per cent)</i>	-0.1	0.2	0.0	-0.1	0.2
Imputation and weighting	6.33	10.14	13.17	13.76	12.32
<i>Total Difference (per cent)</i>	-0.3	3.1	4.0	4.2	1.8
<i>Growth with no imputation or weighting (per cent)</i>	2.4	1.8	2.5	2.8	2.9
<i>Growth with imputation and weighting (per cent)</i>	2.1	2.0	3.0	3.7	2.4
2002					
No imputation or weighting	6.21	9.67	12.35	12.84	11.76
Imputation only	6.19	9.70	12.39	12.87	11.83
<i>Difference (per cent)</i>	-0.2	0.3	0.3	0.2	0.6
Imputation and weighting	6.20	9.95	12.78	13.27	12.03
<i>Total Difference (per cent)</i>	-0.1	2.9	3.5	3.4	2.3
<i>Growth with no imputation or weighting (per cent)</i>	3.6	4.5	4.6	4.7	4.7
<i>Growth with imputation and weighting (per cent)</i>	3.4	4.8	5.5	5.2	4.9
2001					
No imputation or weighting	5.99	9.25	11.81	12.26	11.24
Imputation only	5.99	9.28	11.80	12.28	11.26
<i>Difference (per cent)</i>	0.0	0.3	-0.1	0.2	0.2
Imputation and weighting	6.00	9.49	12.12	12.61	11.47
<i>Total Difference (per cent)</i>	0.1	2.5	2.6	2.9	2.1
<i>Growth with no imputation or weighting (per cent)</i>	6.4	7.1	7.1	5.1	5.1
<i>Growth with imputation and weighting (per cent)</i>	5.8	7.0	6.7	4.5	4.8
2000					
No imputation or weighting	5.63	8.64	11.02	11.67	10.69
Imputation only	5.64	8.66	11.04	11.71	10.74
<i>Difference (per cent)</i>	0.1	0.3	0.1	0.3	0.5
Imputation and weighting	5.67	8.87	11.36	12.07	10.95
<i>Total Difference (per cent)</i>	0.7	2.6	3.0	3.4	2.4
<i>Growth with no imputation or weighting (per cent)</i>	2.4	4.5	4.3	4.7	4.4
<i>Growth with imputation and weighting (per cent)</i>	1.8	4.8	4.1	4.6	3.3
1999					
No imputation or weighting	5.50	8.26	10.57	11.15	10.24
Imputation only	5.50	8.27	10.59	11.18	10.31
<i>Difference (per cent)</i>	0.0	0.1	0.2	0.3	0.6
Imputation and weighting	5.57	8.46	10.91	11.54	10.59
<i>Total Difference (per cent)</i>	1.3	2.4	3.2	3.5	3.4
<i>Growth with no imputation or weighting (per cent)</i>	5.4	5.6	4.3	4.7	4.5
<i>Growth with imputation and weighting (per cent)</i>	5.9	5.2	3.9	3.9	4.2
1998					
No imputation or weighting	5.22	7.83	10.13	10.65	9.80
Imputation only	5.23	7.85	10.15	10.70	9.88
<i>Difference (per cent)</i>	0.1	0.3	0.2	0.5	0.8
Imputation and weighting	5.26	8.04	10.50	11.11	10.17
<i>Total Difference (per cent)</i>	0.8	2.7	3.7	4.3	3.7
<i>Growth with no imputation or weighting (per cent)</i>					
<i>Growth with imputation and weighting (per cent)</i>					

Source: Annual Survey of Hours and Earnings

^a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

^b Growth is year on year increase

Table A20 Average total weekly hours^a and growth^b in April 1998 to 2003 by age for full-time employees^c; United Kingdom

	Age				
	18 to 21	22 to 29	30 to 39	40 to 49	50 +
2003					
No imputation or weighting	39.4	39.2	39.7	39.6	39.7
Imputation only	39.5	39.2	39.8	39.7	39.8
<i>Difference (per cent)</i>	0.0	0.1	0.1	0.1	0.1
Imputation and weighting	39.8	39.2	39.7	39.6	39.8
<i>Total Difference (per cent)</i>	0.9	0.0	-0.1	0.0	0.1
<i>Growth with no imputation or weighting (per cent)</i>	-0.5	-0.4	-0.1	0.3	-0.1
<i>Growth with imputation and weighting (per cent)</i>	-0.4	-0.3	0.0	0.4	0.3
2002					
No imputation or weighting	39.6	39.3	39.8	39.5	39.8
Imputation only	39.6	39.3	39.8	39.5	39.7
<i>Difference (per cent)</i>	-0.1	-0.1	-0.1	-0.1	-0.1
Imputation and weighting	39.9	39.3	39.7	39.4	39.7
<i>Total Difference (per cent)</i>	0.8	-0.1	-0.2	-0.2	-0.3
<i>Growth with no imputation or weighting (per cent)</i>	-0.3	-0.2	-0.5	-0.3	-0.5
<i>Growth with imputation and weighting (per cent)</i>	0.1	-0.2	-0.5	-0.2	-0.5
2001					
No imputation or weighting	39.7	39.4	40.0	39.6	40.0
Imputation only	39.7	39.4	40.0	39.6	39.9
<i>Difference (per cent)</i>	-0.1	-0.1	-0.1	-0.1	-0.1
Imputation and weighting	39.9	39.4	39.9	39.5	39.9
<i>Total Difference (per cent)</i>	0.4	-0.1	-0.2	-0.3	-0.3
<i>Growth with no imputation or weighting (per cent)</i>	0.2	-0.3	-0.2	0.2	0.1
<i>Growth with imputation and weighting (per cent)</i>	0.3	-0.2	-0.1	0.3	0.2
2000					
No imputation or weighting	39.7	39.5	40.1	39.6	39.9
Imputation only	39.6	39.5	40.1	39.5	39.9
<i>Difference (per cent)</i>	0.0	-0.1	-0.1	-0.1	-0.1
Imputation and weighting	39.8	39.5	40.0	39.4	39.8
<i>Total Difference (per cent)</i>	0.4	-0.2	-0.3	-0.4	-0.4
<i>Growth with no imputation or weighting (per cent)</i>	-0.9	-0.5	-0.2	-0.1	-0.5
<i>Growth with imputation and weighting (per cent)</i>	-0.8	-0.4	0.0	0.1	-0.2
1999					
No imputation or weighting	40.0	39.7	40.2	39.6	40.1
Imputation only	40.0	39.7	40.1	39.6	40.1
<i>Difference (per cent)</i>	0.0	-0.1	-0.1	-0.1	-0.1
Imputation and weighting	40.1	39.6	40.0	39.4	39.9
<i>Total Difference (per cent)</i>	0.3	-0.3	-0.5	-0.6	-0.6
<i>Growth with no imputation or weighting (per cent)</i>	-0.4	-0.6	-0.7	-0.8	-0.8
<i>Growth with imputation and weighting (per cent)</i>	-0.3	-0.5	-0.6	-0.6	-0.6
1998					
No imputation or weighting	40.2	40.0	40.5	39.9	40.5
Imputation only	40.1	40.0	40.4	39.9	40.4
<i>Difference (per cent)</i>	0.0	-0.1	-0.1	-0.1	-0.1
Imputation and weighting	40.3	39.8	40.2	39.7	40.1
<i>Total Difference (per cent)</i>	0.3	-0.4	-0.6	-0.7	-0.8
<i>Growth with no imputation or weighting (per cent)</i>					
<i>Growth with imputation and weighting (per cent)</i>					

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

Table A21 Average pay^{ac} and growth^b, and hours in April 1998 to 2003 by public versus private sector for full-time employees^c; United Kingdom

	Average gross annual earnings ^c		Average gross weekly earnings		Average gross hourly earnings		Average total weekly hours	
	Public sector	Private sector	Public sector	Private sector	Public sector	Private sector	Public sector	Private sector
2003								
No imputation or weighting	23,729	25,688	465.2	478.1	12.37	11.80	37.6	40.5
Imputation only	23,774	25,723	466.0	478.9	12.39	11.81	37.6	40.6
<i>Difference (per cent)</i>	0.2	0.1 #	0.2	0.2	0.2	0.0 #	0.0	0.1
Imputation and weighting	24,336	26,576	477.1	493.1	12.70	12.17	37.6	40.5
<i>Total Difference (per cent)</i>	2.6	3.5	2.6	3.1	2.7	3.1	-0.2	0.0
<i>Growth with no imputation or weighting (per cent)</i>	4.0	2.9	3.6	2.4	2.9	2.5	0.7	-0.1
<i>Growth with imputation and weighting (per cent)</i>	4.3	3.8	4.2	2.9	3.6	2.9	0.6	0.1
2002								
No imputation or weighting	22,807	24,968	448.9	466.9	12.02	11.51	37.3	40.6
Imputation only	22,850	25,007	448.2	469.0	12.00	11.57	37.4	40.5
<i>Difference (per cent)</i>	0.2	0.2 #	-0.2	0.4	-0.2	0.5 #	0.0	0.0
Imputation and weighting	23,329	25,612	457.8	479.1	12.26	11.83	37.3	40.5
<i>Total Difference (per cent)</i>	2.3	2.6	2.0	2.6	2.0	2.8	0.0	-0.2
<i>Growth with no imputation or weighting (per cent)</i>	4.1	3.7	4.1	4.5	4.6	4.8	-0.5	-0.3
<i>Growth with imputation and weighting (per cent)</i>	4.5	4.0	4.5	5.3	4.8	5.6	-0.3	-0.3
2001								
No imputation or weighting	21,906	24,088	431.3	446.7	11.49	10.99	37.5	40.7
Imputation only	21,907	24,111	430.4	447.3	11.47	11.00	37.5	40.7
<i>Difference (per cent)</i>	0.0	0.1 #	-0.2	0.1	-0.2	0.2 #	0.0	0.0
Imputation and weighting	22,319	24,635	438.1	455.1	11.70	11.21	37.4	40.6
<i>Total Difference (per cent)</i>	1.9	2.3	1.6	1.9	1.8	2.0	-0.2	-0.1
<i>Growth with no imputation or weighting (per cent)</i>	2.5	5.8	5.4	6.3	5.4	6.5	0.0	-0.1
<i>Growth with imputation and weighting (per cent)</i>	2.9	6.4	5.5	7.0	5.5	7.1	0.1	-0.1

Table A21 Average pay^{ac} and growth^b, and hours in April 1998 to 2003 by public versus private sector for full-time employees^c; United Kingdom

	Average gross annual earnings ^c		Average gross weekly earnings		Average gross hourly earnings		Average total weekly hours	
	Public sector	Private sector	Public sector	Private sector	Public sector	Private sector	Public sector	Private sector
2000								
No imputation or weighting	21,364	22,763	409.3	420.1	10.91	10.32	37.5	40.7
Imputation only	21,368	22,767	409.5	421.5	10.92	10.35	37.5	40.7
<i>Difference (per cent)</i>	0.0	0.0 #	0.0	0.3	0.1	0.4 #	0.0	0.0
Imputation and weighting	21,688	23,161	415.2	425.5	11.09	10.46	37.4	40.7
<i>Total Difference (per cent)</i>	1.5	1.7	1.4	1.3	1.7	1.4	-0.4	-0.1
<i>Growth with no imputation or weighting (per cent)</i>	4.6	8.1	3.7	4.6	3.8	5.0	-0.1	-0.4
<i>Growth with imputation and weighting (per cent)</i>	4.2	7.4	3.1	3.7	2.9	3.9	0.0	-0.2
1999								
No imputation or weighting	20,424	21,059	394.6	401.5	10.50	9.82	37.6	40.9
Imputation only	20,426	21,077	395.5	402.5	10.53	9.85	37.6	40.9
<i>Difference (per cent)</i>	0.0	0.1 #	0.2	0.2	0.3	0.3 #	-0.1	0.0
Imputation and weighting	20,820	21,556	402.9	410.2	10.77	10.07	37.4	40.7
<i>Total Difference (per cent)</i>	1.9	2.4	2.1	2.2	2.6	2.5	-0.5	-0.4
<i>Growth with no imputation or weighting (per cent)</i>	0.0	0.0	4.1	4.1	4.4	4.9	-0.3	-0.8
<i>Growth with imputation and weighting (per cent)</i>	0.0	0.0	4.6	4.7	5.1	5.6	-0.5	-0.9
1998								
No imputation or weighting			379.1	385.8	10.06	9.36	37.7	41.2
Imputation only			380.0	387.4	10.09	9.40	37.7	41.2
<i>Difference (per cent)</i>		#	0.2	0.4	0.3	0.4 #	0.0	0.0
Imputation and weighting			385.1	391.8	10.25	9.54	37.6	41.1
<i>Total Difference (per cent)</i>			1.6	1.6	1.9	1.9	-0.3	-0.3
<i>Growth with no imputation or weighting (per cent)</i>								
<i>Growth with imputation and weighting (per cent)</i>								

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

c Annual earnings estimates relate to employees who have been in the same job for at least 12 months, regardless of whether or not their pay was affected by absence.

Appendix B: Tables of average earnings and hours worked

Table B1	Median gross annual earnings and growth in April 1999 to 2003 by gender and full-time/part-time work for all employees; United Kingdom
Table B2	Median gross weekly earnings and growth in April 1998 to 2003 by gender and full-time/part-time work for all employees; United Kingdom
Table B3	Median gross hourly earnings and growth in April 1998 to 2003 by gender and full-time/part-time work for all employees; United Kingdom
Table B4	Median total weekly hours and growth in April 1998 to 2003 by gender and full-time/part-time work for all employees; United Kingdom
Table B5	Median gross annual earnings and growth in April 1999 to 2003 by industry sector for full-time employees; United Kingdom
Table B6	Median gross weekly pay and growth in April 1998 to 2003 by industry sector for full-time employees; United Kingdom
Table B7	Median gross hourly pay and growth in April 1998 to 2003 by industry sector for full-time employees; United Kingdom
Table B8	Median total weekly hours and growth in April 1998 to 2003 by industry sector for full-time employees; United Kingdom
Table B9	Median gross annual earnings and growth in April 1999 to 2003 by occupational group for full-time employees; United Kingdom
Table B10	Median gross weekly pay and growth in April 1998 to 2003 by occupational group for full-time employees; United Kingdom
Table B11	Median gross hourly pay and growth in April 1998 to 2003 by occupational group for full-time employees; United Kingdom
Table B12	Median total weekly hours and growth in April 1998 to 2003 by occupational group for full-time employees; United Kingdom
Table B13	Median gross annual earnings and growth in April 1999 to 2003 by government office region and country for full-time employees; United Kingdom
Table B14	Median gross weekly pay and growth in April 1998 to 2003 by government office region and country for full-time employees; United Kingdom
Table B15	Median gross hourly pay and growth in April 1998 to 2003 by government office region and country for full-time employees; United Kingdom
Table B16	Median total weekly hours and growth in April 1998 to 2003 by government office region and country for full-time employees; United Kingdom
Table B17	Median gross annual earnings and growth in April 1999 to 2003 by age for full-time employees; United Kingdom
Table B18	Median gross weekly pay and growth in April 1998 to 2003 by age for full-time employees; United Kingdom
Table B19	Median gross hourly pay and growth in April 1998 to 2003 by age for full-time employees; United Kingdom
Table B20	Median total weekly hours and growth in April 1998 to 2003 by age for full-time employees; United Kingdom
Table B21	Median pay and growth, and hours in April 1998 to 2003 by public versus private sector for full-time employees; United Kingdom

Table B1 Median gross annual earnings^{a,b} and growth^c in April 1999 to 2003 by gender and full-time/part-time work for all employees; United Kingdom

	Full-time			Part-time			All employees		
	Men	Women	All	Men	Women	All	Men	Women	All
2003	23,269	17,539	21,116	6,113	6,398	6,358	22,178	12,475	17,494
<i>Growth (per cent)</i>	3.7	3.3	3.6	1.9	3.5	3.2	3.2	3.8	3.1
2002	22,435	16,973	20,376	6,000	6,180	6,159	21,489	12,018	16,964
<i>Growth (per cent)</i>	3.1	5.1	3.3	6.9	4.2	4.7	2.8	4.2	3.2
2001	21,762	16,151	19,722	5,615	5,929	5,884	20,906	11,529	16,438
<i>Growth (per cent)</i>	4.4	4.5	4.6	8.0	4.2	4.6	4.4	3.4	4.0
2000	20,836	15,461	18,848	5,200	5,689	5,625	20,022	11,152	15,800
<i>Growth (per cent)</i>	5.2	5.9	5.9	7.1	8.9	8.4	5.2	7.0	6.1
1999	19,800	14,598	17,803	4,854	5,222	5,187	19,024	10,421	14,888

Source: Annual Survey of Hours and Earnings

a Employees on adult rates

b Annual earnings estimates relate to employees who have been in the same job for at least 12 months, regardless of whether or not their pay was affected by absence.

c Growth is year on year increase

Table B2 Median gross weekly earnings^a and growth^b in April 1998 to 2003 by gender and full-time/part-time work for all employees^c; United Kingdom

	Full-time			Part-time			All employees		
	Men	Women	All	Men	Women	All	Men	Women	All
2003	444.7	342.9	404.1	111.0	124.1	121.7	422.2	247.5	334.4
<i>Growth (per cent)</i>	3.4	3.7	3.4	0.9	5.4	4.8	3.2	4.2	2.9
2002	430.1	330.7	390.9	110.0	117.7	116.2	409.1	237.5	324.8
<i>Growth (per cent)</i>	3.5	5.2	4.0	11.5	4.7	5.5	3.2	4.0	4.0
2001	415.7	314.3	375.9	98.6	112.4	110.2	396.2	228.4	312.5
<i>Growth (per cent)</i>	4.5	5.4	4.7	3.3	4.1	3.9	4.2	5.3	4.3
2000	397.7	298.1	359.0	95.5	108.0	106.0	380.2	216.9	299.6
<i>Growth (per cent)</i>	3.6	3.3	3.9	-0.4	3.4	2.7	3.5	2.9	3.3
1999	383.9	288.5	345.5	95.9	104.5	103.2	367.3	210.8	290.0
<i>Growth (per cent)</i>	3.0	4.3	3.2	11.8	5.5	6.1	2.8	4.5	3.5
1998	372.7	276.5	334.9	85.8	99.0	97.3	357.4	201.7	280.2

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

Table B3 Median gross hourly earnings^a and growth^b in April 1998 to 2003 by gender and full-time/part-time work for all employees^c; United Kingdom

	Full-time			Part-time			All employees		
	Men	Women	All	Men	Women	All	Men	Women	All
2003	10.75	9.05	10.05	6.00	6.09	6.07	10.34	7.66	8.92
<i>Growth (per cent)</i>	3.3	4.1	3.2	4.3	6.0	5.7	2.9	5.1	3.5
2002	10.40	8.70	9.74	5.75	5.74	5.74	10.05	7.29	8.62
<i>Growth (per cent)</i>	4.2	5.0	4.4	6.9	3.6	4.1	4.4	3.9	4.1
2001	9.99	8.28	9.32	5.38	5.54	5.52	9.63	7.02	8.28
<i>Growth (per cent)</i>	4.5	5.1	4.7	4.3	4.2	4.1	4.0	4.9	4.4
2000	9.56	7.89	8.91	5.16	5.32	5.30	9.25	6.69	7.93
<i>Growth (per cent)</i>	3.7	3.4	3.6	2.6	3.3	3.2	3.5	3.3	3.5
1999	9.21	7.63	8.60	5.03	5.15	5.14	8.95	6.47	7.66
<i>Growth (per cent)</i>	3.6	5.1	4.1	5.1	4.0	4.2	3.6	4.5	4.0
1998	8.90	7.26	8.26	4.78	4.95	4.93	8.64	6.19	7.36

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

Table B4 Median total weekly hours^a and growth^b in April 1998 to 2003 by gender and full-time/part-time work for all employee's; United Kingdom

	Full-time			Part-time			All employees		
	Men	Women	All	Men	Women	All	Men	Women	All
2003	39.0	37.0	37.5	18.0	20.0	20.0	38.0	35.0	37.0
<i>Growth (per cent)</i>	0.0	0.0	0.0	-1.6	0.0	0.0	-0.9	0.0	0.0
2002	39.0	37.0	37.5	18.3	20.0	20.0	38.3	35.0	37.0
<i>Growth (per cent)</i>	0.0	0.0	0.0	4.6	0.0	0.0	-1.1	0.0	0.0
2001	39.0	37.0	37.5	17.5	20.0	20.0	38.8	35.0	37.0
<i>Growth (per cent)</i>	0.0	0.0	0.0	0.0	0.0	1.3	-0.3	0.0	0.0
2000	39.0	37.0	37.5	17.5	20.0	19.8	38.9	35.0	37.0
<i>Growth (per cent)</i>	0.0	0.0	-0.9	-2.8	0.0	-1.3	-0.3	0.0	0.0
1999	39.0	37.0	37.8	18.0	20.0	20.0	39.0	35.0	37.0
<i>Growth (per cent)</i>	0.0	-0.2	-0.2	0.7	0.0	1.3	0.0	0.0	0.0
1998	39.0	37.1	37.9	17.9	20.0	19.8	39.0	35.0	37.0

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

Table B5 Median gross annual earnings^{a,b} and growth^c in April 1999 to 2003 by industry sector for full-time employees^e; United Kingdom

	SIC															All industries & services ^e
	A ^d	B ^d	C ^d	D ^d	E ^d	F ^d	G ^d	H ^d	I ^d	J ^d	K ^d	L ^d	M ^d	N ^d	O ^d	
2003	15,790	15,370	25,274	21,038	26,440	22,509	17,078	13,138	21,259	27,442	24,051	22,581	23,121	19,216	18,828	21,117
<i>Growth (per cent)</i>	1.2	-5.8	7.2	4.1	0.1	3.7	2.6	6.2	4.5	3.7	1.5	4.5	4.0	1.7	3.4	3.6
2002	15,600	16,323	23,582	20,219	26,422	21,714	16,640	12,370	20,352	26,465	23,699	21,616	22,239	18,893	18,207	20,376
<i>Growth (per cent)</i>	6.7	5.3	2.0	2.3	4.1	4.9	3.4	2.7	2.2	5.6	7.0	-0.1	3.2	4.9	6.3	3.3
2001	14,625	15,506	23,125	19,756	25,380	20,699	16,089	12,047	19,922	25,050	22,151	21,648	21,542	18,010	17,125	19,729
<i>Growth (per cent)</i>	4.3	-2.4	2.5	5.7	5.4	7.3	4.7	0.5	2.1	7.8	6.2	2.2	2.3	5.2	3.0	4.7
2000	14,019	15,896	22,565	18,697	24,078	19,282	15,371	11,988	19,512	23,233	20,863	21,191	21,056	17,127	16,624	18,851
<i>Growth (per cent)</i>	5.2	-1.2	7.2	4.2	7.1	7.0	7.0	6.9	7.1	6.0	7.3	4.9	3.5	7.3	4.1	5.8
1999	13,327	16,096	21,049	17,946	22,487	18,020	14,370	11,213	18,212	21,912	19,451	20,198	20,334	15,969	15,969	17,810

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates

b Annual earnings estimates relate to employees who have been in the same job for at least 12 months, regardless of whether or not their pay was affected by absence.

c Growth is year on year increase

d Industries are coded according to the Standard Industrial Classification 2003.

e All industries & services figures may not be consistent with all full-time employees figures due to missing classification information

Table B6 Median gross weekly pay^a and growth^b in April 1998 to 2003 by industry sector for full-time employees^c; United Kingdom

	SIC															All industries & services ^d
	A ^c	B ^c	C ^c	D ^c	E ^c	F ^c	G ^c	H ^c	I ^c	J ^c	K ^c	L ^c	M ^c	N ^c	O ^c	
2003	305.7	321.2	505.1	408.1	484.0	427.5	325.3	254.3	408.1	480.3	450.0	431.2	447.8	380.5	358.0	404.1
<i>Growth (per cent)</i>	1.4	12.8	9.5	4.6	0.5	3.7	1.5	5.8	4.4	-0.4	1.9	0.8	3.6	2.2	1.6	3.3
2002	301.4	284.8	461.4	390.0	481.7	412.1	320.5	240.4	390.8	482.0	441.5	427.6	432.3	372.5	352.4	391.0
<i>Growth (per cent)</i>	9.5	-13.8	-1.3	2.8	4.2	3.5	4.4	5.2	1.8	3.1	5.2	3.6	3.8	5.5	8.0	4.0
2001	275.3	330.4	467.4	379.3	462.5	398.3	307.1	228.5	383.8	467.3	419.5	412.7	416.3	353.1	326.3	376.0
<i>Growth (per cent)</i>	6.0	8.6	9.6	4.5	2.4	7.6	4.6	4.4	3.6	7.3	9.3	3.9	2.7	5.4	3.8	4.7
2000	259.8	304.3	426.4	362.9	451.7	370.0	293.5	218.8	370.4	435.4	383.9	397.1	405.2	335.0	314.5	359.0
<i>Growth (per cent)</i>	0.7	-9.1	1.6	3.9	4.9	4.2	2.3	3.4	3.7	3.1	3.8	2.4	2.6	5.9	1.5	3.9
1999	258.1	334.8	419.8	349.5	430.7	355.1	286.8	211.6	357.1	422.3	369.8	388.0	394.8	316.2	309.8	345.6
<i>Growth (per cent)</i>	5.1	2.2	-3.1	2.0	2.1	6.0	4.9	4.4	3.8	3.4	3.7	4.3	1.7	4.7	5.4	3.2
1998	245.5	327.5	433.2	342.7	421.6	335.0	273.2	202.7	344.0	408.6	356.6	371.8	388.1	302.0	294.0	335.0

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

c Industries are coded according to the Standard Industrial Classification 2003.

d All industries & services figures may not be consistent with all full-time employees figures due to missing classification information

Table B7 Median gross hourly pay^a and growth^b in April 1998 to 2003 by industry sector for full-time employees^c; United Kingdom

	SIC															All industries & services ^d
	A ^c	B ^c	C ^c	D ^c	E ^c	F ^c	G ^c	H ^c	I ^c	J ^c	K ^c	L ^c	M ^c	N ^c	O ^c	
2003	6.74	6.95	11.04	9.79	12.15	9.85	7.89	6.05	9.17	13.40	11.41	11.21	12.63	9.89	9.04	10.05
<i>Growth (per cent)</i>	2.7	13.9	7.4	4.1	4.4	5.1	1.7	5.1	1.8	1.8	1.7	1.2	4.7	2.4	2.4	3.2
2002	6.56	6.10	10.28	9.41	11.64	9.38	7.76	5.76	9.01	13.16	11.22	11.08	12.07	9.66	8.83	9.75
<i>Growth (per cent)</i>	6.2	-21.5	0.6	3.3	1.6	5.5	4.3	4.7	4.3	3.2	5.6	4.0	3.2	5.3	8.0	4.5
2001	6.18	7.78	10.21	9.11	11.45	8.89	7.44	5.50	8.64	12.75	10.62	10.65	11.70	9.17	8.18	9.32
<i>Growth (per cent)</i>	6.1	2.9	7.5	4.6	-0.1	7.3	4.3	4.1	4.8	6.5	8.4	2.7	1.2	4.8	3.6	4.6
2000	5.83	7.56	9.50	8.71	11.46	8.28	7.13	5.29	8.24	11.98	9.80	10.37	11.56	8.75	7.89	8.91
<i>Growth (per cent)</i>	3.2	3.9	4.6	3.3	7.7	4.5	3.8	3.3	2.6	3.2	4.5	2.6	1.6	6.3	3.0	3.6
1999	5.65	7.28	9.08	8.43	10.64	7.93	6.87	5.12	8.04	11.60	9.37	10.10	11.37	8.23	7.66	8.60
<i>Growth (per cent)</i>	3.9	-6.4	-4.3	3.4	3.1	5.7	4.0	2.4	4.7	4.5	4.0	4.1	2.9	4.1	5.2	4.1
1998	5.44	7.77	9.48	8.15	10.33	7.50	6.61	5.00	7.68	11.11	9.01	9.71	11.05	7.90	7.28	8.27

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

c Industries are coded according to the Standard Industrial Classification 2003.

d All industries & services figures may not be consistent with all full-time employees figures due to missing classification information

Table B8 Median total weekly hours^a and growth^b in April 1998 to 2003 by industry sector for full-time employees^c; United Kingdom

	SIC															All industries & services ^d
	A ^c	B ^c	C ^c	D ^c	E ^c	F ^c	G ^c	H ^c	I ^c	J ^c	K ^c	L ^c	M ^c	N ^c	O ^c	
2003	40.3	42.4	40.0	39.0	37.0	40.0	39.3	40.0	40.0	35.0	37.5	37.0	36.4	37.5	38.0	37.5
<i>Growth (per cent)</i>	0.6	5.9	2.6	0.0	0.0	0.0	-1.2	0.0	0.0	0.0	0.0	0.0	0.4	0.0	-0.9	0.0
2002	40.0	40.0	39.0	39.0	37.0	40.0	39.7	40.0	40.0	35.0	37.5	37.0	36.3	37.5	38.4	37.5
<i>Growth (per cent)</i>	0.0	-3.7	-2.5	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.7	0.0
2001	40.0	41.5	40.0	39.0	37.0	40.0	39.4	40.0	40.0	35.0	37.5	37.0	36.3	37.5	39.0	37.5
<i>Growth (per cent)</i>	0.0	0.1	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0
2000	40.0	41.5	40.0	39.0	37.0	40.0	39.0	40.0	40.0	35.0	37.5	37.0	36.0	37.5	39.0	37.5
<i>Growth (per cent)</i>	0.0	3.6	0.0	0.0	0.0	0.0	-1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.9
1999	40.0	40.1	40.0	39.0	37.0	40.0	39.5	40.0	40.0	35.0	37.5	37.0	36.0	37.5	39.0	37.8
<i>Growth (per cent)</i>	-2.4	0.2	0.0	0.0	0.0	0.0	0.0	0.6	-0.2	0.0	0.0	0.0	0.5	0.0	0.0	-0.2
1998	41.0	40.0	40.0	39.0	37.0	40.0	39.5	39.8	40.1	35.0	37.5	37.0	35.8	37.5	39.0	37.9

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

c Industries are coded according to the Standard Industrial Classification 2003.

d All industries & services figures may not be consistent with all full-time employees figures due to missing classification information

Table B9 Median gross annual earnings^{a,b} and growth^c in April 2002 to 2003 by occupational group^d for full-time employees^e; United Kingdom

	Managers and senior officials	Professional occupations	Associate professional and technical occupations	Administrative and secretarial occupations	Skilled trades occupations	Personal service occupations	Sales and customer service occupations	Process, plant and machine operatives	Elementary occupations	All occupations
2003	30,932	30,276	25,001	16,081	19,898	13,405	12,904	17,973	14,792	21,116
<i>Growth (per cent)</i>	3.0	3.0	2.3	3.4	2.8	3.6	2.5	4.2	4.4	3.6
2002	30,034	29,382	24,447	15,559	19,362	12,938	12,592	17,241	14,172	20,376
<i>Growth (per cent)</i>										

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates

b Annual earnings estimates relate to employees who have been in the same job for at least 12 months, regardless of whether or not their pay was affected by absence.

c Growth is year on year increase

d Occupations are coded according to the Standard Occupational Classification 2000.

Table B9 Median gross annual earnings^{a,b} and growth^c in April 1999 to 2001 by occupational group^d for full-time employees^e; United Kingdom

	Managers and administrators	Professional occupations	Associate professional and technical occupations	Clerical and secretarial occupations	Craft and related occupations	Personal and protective service occupations	Sales occupations	Plant and machine operatives	Other occupations	All occupations
2001	28,517	27,287	23,170	14,509	18,847	14,306	13,585	16,801	14,301	19,722
<i>Growth (per cent)</i>	4.8	4.5	5.3	4.5	4.4	2.0	3.7	4.8	3.1	4.6
2000	27,219	26,120	22,000	13,886	18,058	14,030	13,099	16,037	13,876	18,848
<i>Growth (per cent)</i>	5.6	4.8	6.0	4.7	5.9	7.0	5.9	4.3	5.7	5.9
1999	25,766	24,923	20,762	13,261	17,046	13,107	12,364	15,370	13,125	17,803

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates

b Annual earnings estimates relate to employees who have been in the same job for at least 12 months, regardless of whether or not their pay was affected by absence.

c Growth is year on year increase

d Occupations are coded according to the Standard Occupational Classification 1990.

Table B10 Median gross weekly pay^a and growth^b in April 2002 to 2003 by occupational group^c for full-time employees^c; United Kingdom

	Managers and senior officials	Professional occupations	Associate professional and technical occupations	Administrative and secretarial occupations	Skilled trades occupations	Personal service occupations	Sales and customer service occupations	Process, plant and machine operatives	Elementary occupations	All occupations
2003	589.2	588.0	475.4	307.6	379.5	263.1	249.7	345.8	278.7	404.1
<i>Growth (per cent)</i>	2.3	3.4	1.8	3.7	3.5	5.0	1.0	4.3	4.6	3.4
2002	575.8	568.9	467.2	296.6	366.8	250.5	247.2	331.6	266.6	390.9
<i>Growth (per cent)</i>										

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

c Occupations are coded according to the Standard Occupational Classification 2000.

Table B10 Median gross weekly pay^a and growth^b in April 1998 to 2001 by occupational group^c for full-time employees^c; United Kingdom

	Managers and administrators	Professional occupations	Associate professional and technical occupations	Clerical and secretarial occupations	Craft and related occupations	Personal and protective service occupations	Sales occupations	Plant and machine operatives	Other occupations	All occupations
2001	539.5	537.6	444.2	278.3	359.0	269.0	262.9	319.7	265.3	375.9
<i>Growth (per cent)</i>	4.9	3.9	5.2	4.5	3.8	3.7	4.1	4.0	4.7	4.7
2000	514.4	517.4	422.3	266.4	345.7	259.5	252.6	307.5	253.4	359.0
<i>Growth (per cent)</i>	4.1	3.7	4.6	3.0	4.2	3.9	-0.1	3.1	1.8	3.9
1999	494.2	499.0	403.6	258.7	331.7	249.7	252.9	298.2	249.0	345.5
<i>Growth (per cent)</i>	4.1	4.9	3.4	3.8	2.2	4.6	6.7	1.8	5.0	3.2
1998	474.6	475.6	390.2	249.3	324.6	238.7	237.1	292.8	237.1	334.9

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

c Occupations are coded according to the Standard Occupational Classification 1990.

Table B11 Median gross hourly pay^a and growth^b in April 2002 to 2003 by occupational group^c for full-time employees¹; United Kingdom

	Managers and senior officials	Professional occupations	Associate professional and technical occupations	Administrative and secretarial occupations	Skilled trades occupations	Personal service occupations	Sales and customer service occupations	Process, plant and machine operatives	Elementary occupations	All occupations
2003	15.36	16.61	12.41	8.24	9.03	6.78	6.40	7.65	6.65	10.05
<i>Growth (per cent)</i>	3.4	2.5	1.3	3.7	3.4	3.2	1.9	3.8	5.5	3.2
2002	14.85	16.21	12.26	7.95	8.73	6.56	6.28	7.37	6.30	9.74
<i>Growth (per cent)</i>										

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

c Occupations are coded according to the Standard Occupational Classification 2000.

Table B11 Median gross hourly pay^a and growth^b in April 1998 to 2001 by occupational group^c for full-time employees^d; United Kingdom

	Managers and administrators	Professional occupations	Associate professional and technical occupations	Clerical and secretarial occupations	Craft and related occupations	Personal and protective service occupations	Sales occupations	Plant and machine operatives	Other occupations	All occupations
2001	13.99	15.58	11.68	7.31	8.46	6.76	6.64	7.10	6.26	9.32
<i>Growth (per cent)</i>	4.7	4.3	4.4	4.2	4.5	2.5	3.9	3.5	4.3	4.7
2000	13.37	14.94	11.19	7.01	8.10	6.59	6.39	6.86	6.00	8.91
<i>Growth (per cent)</i>	4.5	3.4	5.1	3.3	3.6	4.4	1.0	2.9	2.9	3.6
1999	12.80	14.45	10.65	6.79	7.82	6.31	6.33	6.67	5.83	8.60
<i>Growth (per cent)</i>	4.6	4.5	3.8	3.6	3.6	4.9	5.4	3.1	4.4	4.1
1998	12.24	13.84	10.26	6.55	7.55	6.02	6.00	6.47	5.59	8.26

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

c Occupations are coded according to the Standard Occupational Classification 1990.

Table B12 Median total weekly hours^a and growth^b in April 2002 to 2003 by occupational group^c for full-time employees¹; United Kingdom

	Managers and senior officials	Professional occupations	Associate professional and technical occupations	Administrative and secretarial occupations	Skilled trades occupations	Personal service occupations	Sales and customer service occupations	Process, plant and machine operatives	Elementary occupations	All occupations
2003	37.5	37.0	37.5	37.0	40.0	37.5	37.8	41.6	40.0	37.5
<i>Growth (per cent)</i>	0.0	0.0	0.0	0.0	0.0	0.0	-1.7	0.5	0.0	0.0
2002	37.5	37.0	37.5	37.0	40.0	37.5	38.5	41.4	40.0	37.5
<i>Growth (per cent)</i>										

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

c Occupations are coded according to the Standard Occupational Classification 2000.

Table B12 Median total weekly hours^a and growth^b in April 1998 to 2001 by occupational group^c for full-time employees^d; United Kingdom

	Managers and administrators	Professional occupations	Associate professional and technical occupations	Clerical and secretarial occupations	Craft and related occupations	Personal and protective service occupations	Sales occupations	Plant and machine operatives	Other occupations	All occupations
2001	37.5	37.0	37.5	37.1	40.0	39.0	38.3	41.3	40.0	37.5
<i>Growth (per cent)</i>	0.0	0.0	0.0	0.2	0.0	0.0	0.7	0.6	0.0	0.0
2000	37.5	37.0	37.5	37.0	40.0	39.0	38.0	41.0	40.0	37.5
<i>Growth (per cent)</i>	0.0	0.5	0.0	0.0	0.0	0.0	-1.4	0.0	0.0	-0.9
1999	37.5	36.8	37.5	37.0	40.0	39.0	38.5	41.0	40.0	37.8
<i>Growth (per cent)</i>	0.0	0.0	0.0	0.0	-1.2	0.0	-0.1	-2.4	0.0	-0.2
1998	37.5	36.8	37.5	37.0	40.5	39.0	38.6	42.0	40.0	37.9

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

c Occupations are coded according to the Standard Occupational Classification 1990.

Table B13 Median gross annual earnings^{a,b} and growth^c in April 1999 to 2003 by government office region and country for full-time employees^d; United Kingdom

	North East	North West	Yorkshire & the Humber	East Midlands	West Midlands	South West	East	London	South East	Wales	Scotland	Northern Ireland	United Kingdom ^d
2003	18,205	19,882	19,647	19,807	19,863	19,983	21,514	27,500	22,835	19,063	19,821	18,518	21,116
<i>Growth (per cent)</i>	0.7	3.4	4.2	3.6	3.3	3.9	5.0	3.9	4.1	4.8	3.4	1.1	3.6
2002	18,076	19,234	18,863	19,125	19,225	19,233	20,495	26,467	21,940	18,189	19,167	18,325	20,376
<i>Growth (per cent)</i>	1.3	3.6	3.2	4.6	2.5	4.2	2.6	5.0	4.9	0.9	3.0	4.5	3.3
2001	17,844	18,567	18,270	18,291	18,756	18,465	19,978	25,215	20,907	18,018	18,610	17,529	19,722
<i>Growth (per cent)</i>	2.4	3.9	4.4	5.4	5.3	3.5	5.0	4.2	4.6	5.0	3.2	5.6	4.6
2000	17,430	17,863	17,503	17,352	17,812	17,847	19,020	24,204	19,992	17,157	18,029	16,599	18,848
<i>Growth (per cent)</i>	7.1	5.2	5.9	5.9	4.8	6.7	5.7	7.6	6.7	4.3	6.6	5.1	5.9
1999	16,282	16,977	16,527	16,392	17,000	16,727	18,000	22,487	18,737	16,457	16,914	15,798	17,803

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates

b Annual earnings estimates relate to employees who have been in the same job for at least 12 months, regardless of whether or not their pay was affected by absence.

c Growth is year on year increase

d United Kingdom figures may not be consistent with all full-time employees figures due to missing regional classification information

Table B14 Median gross weekly pay^a and growth^b in April 1998 to 2003 by government office region and country for full-time employees^c; United Kingdom

	North East	North West	Yorkshire & the Humber	East Midlands	West Midlands	South West	East	London	South East	Wales	Scotland	Northern Ireland	United Kingdom ^c
2003	348.7	379.5	375.9	379.7	379.3	382.3	407.5	523.0	433.4	363.8	382.0	352.3	404.1
<i>Growth (per cent)</i>	1.2	3.0	4.4	4.8	3.5	4.8	3.8	4.4	3.2	4.1	2.8	3.0	3.4
2002	344.8	368.5	360.0	362.3	366.6	365.0	392.6	501.1	419.9	349.4	371.7	342.0	390.9
<i>Growth (per cent)</i>	3.3	4.0	4.2	4.5	2.4	3.6	3.6	4.4	5.4	2.4	4.7	3.5	4.0
2001	333.7	354.2	345.5	346.6	357.9	352.3	379.1	479.9	398.3	341.3	355.1	330.5	375.9
<i>Growth (per cent)</i>	1.3	3.9	3.1	4.8	5.0	4.9	5.9	4.3	5.6	4.2	4.9	3.2	4.7
2000	329.3	340.9	335.0	330.8	340.9	336.0	358.1	460.0	377.3	327.5	338.4	320.2	359.0
<i>Growth (per cent)</i>	4.9	4.0	4.4	2.1	3.3	3.7	2.8	6.2	4.6	3.4	2.9	3.1	3.9
1999	314.0	327.9	320.8	323.8	329.9	324.0	348.3	433.0	360.8	316.8	329.0	310.5	345.5
<i>Growth (per cent)</i>	3.8	3.2	2.3	3.8	3.0	2.9	3.3	3.4	3.0	2.5	4.9	4.2	3.2
1998	302.4	317.9	313.7	312.0	320.4	314.8	337.0	419.0	350.3	308.9	313.8	298.1	334.9

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

c United Kingdom figures may not be consistent with all full-time employees figures due to missing regional classification information

Table B15 Median gross hourly pay^a and growth^b in April 1998 to 2003 by government office region and country for full-time employees^c; United Kingdom

	Yorkshire												United Kingdom ^c
	North East	North West	Yorkshire & the Humber	East Midlands	West Midlands	South West	East	London	South East	Wales	Scotland	Northern Ireland	
2003	8.74	9.46	9.27	9.19	9.35	9.41	10.00	13.69	10.80	9.06	9.50	8.76	10.05
<i>Growth (per cent)</i>	1.5	2.7	5.7	4.8	2.6	4.5	3.6	4.3	3.3	4.7	2.3	2.8	3.2
2002	8.61	9.21	8.78	8.76	9.12	9.00	9.65	13.13	10.45	8.65	9.28	8.52	9.74
<i>Growth (per cent)</i>	3.0	5.1	3.9	4.7	2.9	4.1	4.5	5.4	6.1	2.6	5.6	4.6	4.4
2001	8.36	8.77	8.45	8.37	8.86	8.65	9.24	12.46	9.85	8.43	8.79	8.14	9.32
<i>Growth (per cent)</i>	1.8	4.3	3.8	3.8	5.7	5.0	5.2	5.2	4.9	3.4	5.1	3.3	4.7
2000	8.22	8.41	8.13	8.06	8.38	8.24	8.78	11.84	9.38	8.15	8.37	7.88	8.91
<i>Growth (per cent)</i>	5.7	3.5	3.7	2.6	2.4	4.0	2.5	5.4	4.5	3.7	2.2	2.6	3.6
1999	7.78	8.13	7.84	7.86	8.19	7.92	8.56	11.23	8.98	7.86	8.19	7.68	8.60
<i>Growth (per cent)</i>	4.1	4.2	3.2	4.7	3.9	2.8	4.0	4.1	3.8	4.0	5.5	3.5	4.1
1998	7.47	7.80	7.60	7.50	7.88	7.70	8.23	10.78	8.65	7.56	7.76	7.42	8.26

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

c United Kingdom figures may not be consistent with all full-time employees figures due to missing regional classification information

Table B16 Median total weekly hours^a and growth^b in April 1998 to 2003 by government office region and country for full-time employees^c; United Kingdom

	Yorkshire												United Kingdom ^c
	North East	North West	Yorkshire & the Humber	East Midlands	West Midlands	South West	East	London	South East	Wales	Scotland	Northern Ireland	
2003	37.5	37.5	37.5	38.0	37.8	37.5	37.8	37.5	37.5	37.5	37.8	37.5	37.5
<i>Growth (per cent)</i>	-0.9	0.0	-1.3	-0.9	-0.2	0.0	0.0	0.0	0.0	0.0	0.9	-0.9	0.0
2002	37.8	37.5	38.0	38.3	37.8	37.5	37.8	37.5	37.5	37.5	37.5	37.8	37.5
<i>Growth (per cent)</i>	-0.4	0.0	0.7	-1.6	0.9	-1.1	0.0	0.0	0.0	-0.5	-0.2	-0.4	0.0
2001	38.0	37.5	37.8	39.0	37.5	37.9	37.8	37.5	37.5	37.7	37.6	38.0	37.5
<i>Growth (per cent)</i>	0.0	0.0	-0.4	0.3	-1.0	0.4	-0.2	0.0	0.0	-0.4	0.2	0.0	0.0
2000	38.0	37.5	37.9	38.8	37.9	37.8	37.9	37.5	37.5	37.9	37.5	38.0	37.5
<i>Growth (per cent)</i>	0.0	-0.9	-0.2	-0.4	-0.4	-0.6	-0.2	0.0	-0.7	-0.6	-0.9	0.0	-0.9
1999	38.0	37.8	38.0	39.0	38.0	38.0	38.0	37.5	37.8	38.1	37.8	38.0	37.8
<i>Growth (per cent)</i>	-1.3	-0.4	-0.2	0.0	-0.4	0.0	0.0	0.0	0.4	-1.7	-0.4	-0.2	-0.2
1998	38.5	38.0	38.1	39.0	38.2	38.0	38.0	37.5	37.6	38.8	38.0	38.1	37.9

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

c United Kingdom figures may not be consistent with all full-time employees figures due to missing regional classification information

Table B17 Median gross annual earnings^{a,b} and growth^c in April 1999 to 2003 by age for full-time employees^c; United Kingdom

	Age				
	18 to 21	22 to 29	30 to 39	40 to 49	50 +
2003	11,480	18,000	22,836	23,629	20,635
<i>Growth (per cent)</i>	4.2	2.9	4.5	3.7	3.3
2002	11,013	17,501	21,850	22,786	19,985
<i>Growth (per cent)</i>	2.9	5.3	3.6	3.4	3.2
2001	10,702	16,627	21,097	22,042	19,367
<i>Growth (per cent)</i>	4.5	4.3	3.9	3.2	3.9
2000	10,238	15,937	20,301	21,362	18,641
<i>Growth (per cent)</i>	7.2	7.2	5.7	5.1	4.7
1999	9,547	14,870	19,200	20,334	17,799

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates

b Annual earnings estimates relate to employees who have been in the same job for at least 12 months, regardless of whether or not their pay was affected by absence.

c Growth is year on year increase

Table B18 Median gross weekly pay^a and growth^b in April 1998 to 2003 by age for full-time employees^c; United Kingdom

	Age				
	18 to 21	22 to 29	30 to 39	40 to 49	50 +
2003	231.8	351.0	442.4	455.1	401.1
<i>Growth (per cent)</i>	3.0	1.7	3.9	3.1	3.3
2002	225.0	345.1	425.8	441.6	388.4
<i>Growth (per cent)</i>	3.8	5.1	3.3	3.9	3.6
2001	216.7	328.3	412.1	425.0	374.9
<i>Growth (per cent)</i>	6.8	5.4	4.5	3.6	5.0
2000	203.0	311.5	394.2	410.2	357.0
<i>Growth (per cent)</i>	0.8	3.5	3.7	3.0	2.8
1999	201.3	300.8	380.3	398.3	347.3
<i>Growth (per cent)</i>	6.0	4.5	2.7	2.7	3.4
1998	189.8	287.9	370.1	388.0	335.9

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

Table B19 Median gross hourly pay^a and growth^b in April 1998 to 2003 by age for full-time employees^c; United Kingdom

	Age				
	18 to 21	22 to 29	30 to 39	40 to 49	50 +
2003	5.90	8.89	11.06	11.29	9.84
<i>Growth (per cent)</i>	4.5	2.1	3.9	2.9	3.1
2002	5.65	8.72	10.64	10.97	9.54
<i>Growth (per cent)</i>	3.6	5.0	4.1	4.0	4.7
2001	5.45	8.30	10.22	10.55	9.11
<i>Growth (per cent)</i>	5.6	5.4	4.5	3.4	4.2
2000	5.16	7.88	9.78	10.20	8.75
<i>Growth (per cent)</i>	2.5	4.1	3.5	3.2	2.9
1999	5.03	7.57	9.45	9.88	8.50
<i>Growth (per cent)</i>	5.3	4.9	3.2	3.0	3.8
1998	4.78	7.22	9.16	9.59	8.19

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

Table B20 Median total weekly hours^a and growth^b in April 1998 to 2003 by age for full-time employees^c; United Kingdom

	Age				
	18 to 21	22 to 29	30 to 39	40 to 49	50 +
2003	38.8	37.5	37.5	37.5	37.5
<i>Growth (per cent)</i>	-0.6	0.0	0.0	0.0	0.0
2002	39.0	37.5	37.5	37.5	37.5
<i>Growth (per cent)</i>	0.0	0.0	0.0	0.0	0.0
2001	39.0	37.5	37.5	37.5	37.5
<i>Growth (per cent)</i>	0.0	0.0	-0.3	0.0	0.0
2000	39.0	37.5	37.6	37.5	37.5
<i>Growth (per cent)</i>	0.0	-1.0	-0.6	0.0	-0.9
1999	39.0	37.9	37.8	37.5	37.8
<i>Growth (per cent)</i>	0.0	-0.4	-0.4	0.0	-0.4
1998	39.0	38.0	38.0	37.5	38.0

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

Table B21 Median pay^{ac} and growth^b, and hours in April 1998 to 2003 by public versus private sector for full-time employees^c; United Kingdom

	Average gross annual earnings ^c		Average gross weekly earnings		Average gross hourly earnings		Average total weekly hours	
	Public sector	Private sector	Public sector	Private sector	Public sector	Private sector	Public sector	Private sector
2003	22,254	20,691	430.9	393.2	11.36	9.53	37.0	39.0
<i>Growth (per cent)</i>	3.8	3.5	2.8	3.1	2.2	3.3	0.0	0.0
2002	21,434	20,000	418.9	381.3	11.11	9.23	37.0	39.0
<i>Growth (per cent)</i>	3.0	3.6	4.0	4.4	5.1	4.1	0.0	0.0
2001	20,800	19,298	402.6	365.4	10.58	8.86	37.0	39.0
<i>Growth (per cent)</i>	2.5	5.3	3.7	4.9	4.3	5.8	0.0	0.0
2000	20,285	18,319	388.3	348.2	10.14	8.37	37.0	39.0
<i>Growth (per cent)</i>	5.2	6.2	3.5	3.7	2.5	2.6	0.0	0.0
1999	19,290	17,249	375.1	335.8	9.89	8.16	37.0	39.0
<i>Growth (per cent)</i>			3.4	3.3	3.5	4.4	0.0	0.0
1998			362.9	325.0	9.55	7.81	37.0	39.0

Source: Annual Survey of Hours and Earnings

a Full-time employees on adult rates, whose pay for the survey period was unaffected by absence

b Growth is year on year increase

c Annual earnings estimates relate to employees who have been in the same job for at least 12 months, regardless of whether or not their pay was affected by absence.

Appendix C

Summary of methodology changes between NES and ASHE.

ASHE 1998 to 2003	NES
Missing item response for basic pay and hours, overtime pay and hours and annual pay imputed using donor imputation.	No imputation for item non-response.
Estimates are weighted by calibration to estimates of jobs taken from the Labour Force Survey.	Estimates are unweighted
Age calculated as age at the survey reference period.	Age calculated as age at the first of January of the survey year.
ASHE 2004 onwards (in addition to the above)	NES
Extended coverage to include VAT only businesses.	Coverage limited to Inland Revenue PAYE list.
Update of the sample to cover people entering the job market between the sample selection date and the survey reference period.	No sample update.
Follow up of people changing jobs between the sample selection date and the survey reference period.	No follow up.