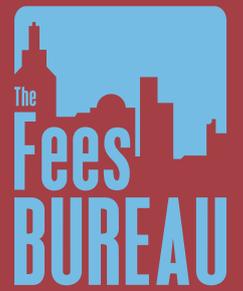


SAMPLE



M&E Engineers Fees

A survey of the fees charged by
consulting M&E services engineers

2020



The Fees Bureau 11th M&E Fees Survey

2020 edition

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This sample is intended for illustrative purposes only, to show the type of information covered and examples of the layout. Data has been amended - these are NOT the published tables / charts.

How to use these statistics

Hourly rates tables

Hourly charge-out rates, on pages 6 to 9, are presented overall, by size of practice and by region for each of the main categories of consulting engineering staff. All data refers to the rates in effect on 1st July 2019.

Figures are presented as averages (medians), together with lower and upper quartiles. It is felt that the median is a more representative average than the mean as it is unaffected by any extremely high, or low, rates.

- the MEDIAN average is the middle value, when all data from survey respondents is listed in order of magnitude.
- the UPPER QUARTILE is the value which appears three quarters the way up this ordered list of data and marks the 75 per cent point in the data
- the LOWER QUARTILE is the value which appears one quarter the way up this ordered list of data and marks the 25 per cent point in the data.

Percentage fee charts

The fees data is presented as a series of tables and charts based on the data collected by a survey of consulting engineers. Fees are expressed as a per cent of the value of the M&E elements of the project. The average fees line on each chart is an indicative 'line of best fit'. Reported fees charged vary around this line; the range of fees charged for jobs is discussed on page 15.

'Fees' relates to the Normal, Full or Performance Services provided by Consulting M&E Services Engineers, as defined in ACE Agreements.

Fees exclude expenses and VAT.

Start by gaining an overview of these figures with the main summary tables and charts on pages 12 and 13. These show average fees lines for the main types of consultancy work for Normal, Performance and Full Service. The Normal Service is split between new build and refurbishment.

Next, find the building sector closest to the job you are seeking from the list on page 25. Once in the appropriate sector, you will find a chart with the average fees

line which reports on the data collected. In some cases insufficient jobs have been reported to us so it is not possible to include both new build and refurbishment charts.

On the bottom scale (x axis) of this chart find the contract value of your job. Follow this point up until you reach the average fees line.

From this point on the average fees line follow across to the left hand scale (y axis) to read off the percentage fees value.

When considering the fees data please bear in mind the following:

- the 'line of best fit' on each chart is exactly that - a 'best fit' of the individual values reported. Some fee values reported will lie above the line, others below it.
- the indicative lines of best fit take no account of the complexity of the work.
- the scale on each chart may vary. The range of contract values charted reflects the range of jobs reported to us.

Worked example

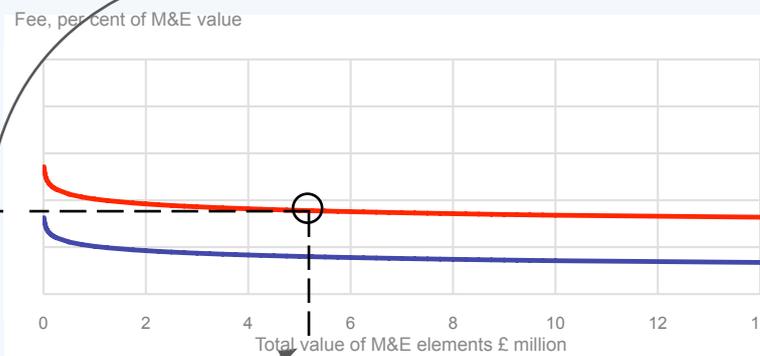
How to calculate the average fee for a £5 million project, Normal Services

In Section 2 (page 25), select sector and sub-sector

Then choose the appropriate chart by choosing New Build or Refurbishment; and select Normal Services, Performance Duties or Full Duties

On the appropriate chart, find the contract value of your job by reading off the bottom axis - in this example it is £5 million. Follow this point up until you reach the appropriate average fees line.

- 4 Read off the left axis to find the average fee, in this example the average fee = 3.7%



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TABLE 1-4

Average hourly charge-out rates, size 6 to 10 engineering staff

£ per hour	lower quartile	MEDIAN	upper quartile
Principal, Partner, Director	50	50	50
Associate	50	50	50
Senior Chartered Engineer	50	50	50
Chartered Engineer	50	50	50
Incorporated Engineer	50	50	50
Graduate Engineer	50	50	50

TABLE 1-5

Average hourly charge-out rates, size 11 to 30 engineering staff

£ per hour	lower quartile	MEDIAN	upper quartile
Principal, Partner, Director	50	50	50
Associate	50	50	50
Senior Chartered Engineer	50	50	50
Chartered Engineer	50	50	50
Incorporated Engineer	50	50	50
Graduate Engineer	50	50	50

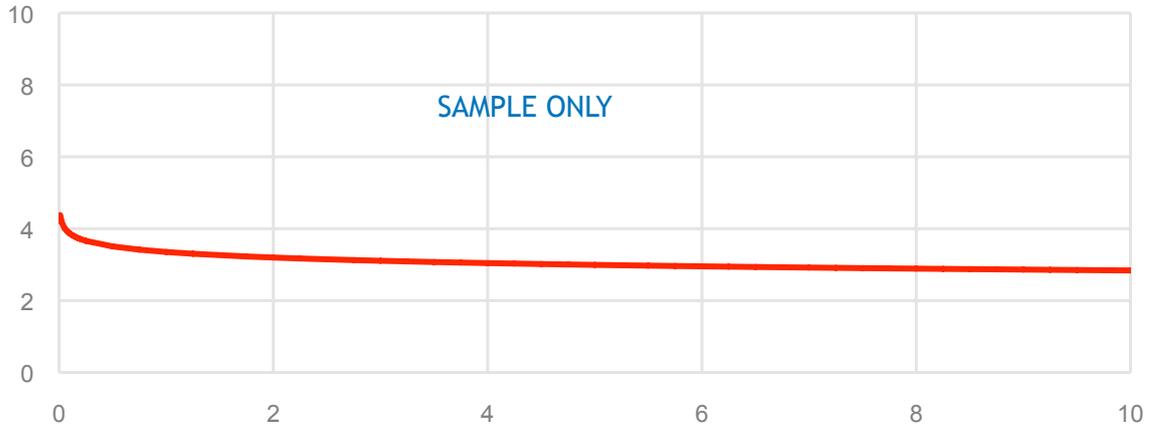
TABLE 1-6

Average hourly charge-out rates, size over 30 engineering staff

£ per hour	lower quartile	MEDIAN	upper quartile
Principal, Partner, Director	50	50	50
Associate	50	50	50
Senior Chartered Engineer	50	50	50
Chartered Engineer	50	50	50
Incorporated Engineer	50	50	50
Graduate Engineer	50	50	50

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Office New Build
Normal Services



Office Refurbishment
Normal Services



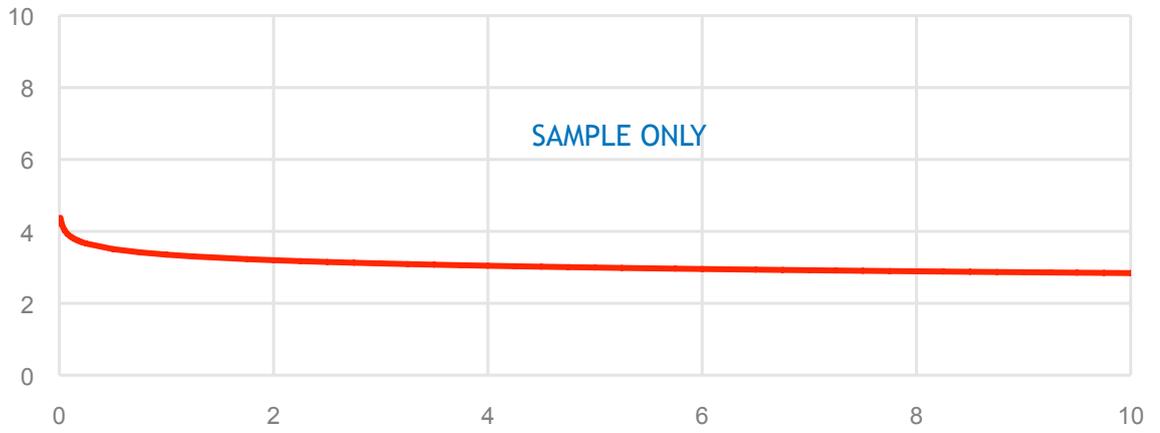
Offices - All Work, Normal Services & Full Duties

value of M&E elements	average fees (per cent of value of M&E elements)					
	Normal Services		Full Duties		Performance Duties	
	New Build	Refurb	New Build	Refurb	New Build	Refurb
£250,000	4.5	4.5	4.5	4.5	n/a	4.5
£500,000	4.5	4.5	4.5	4.5	n/a	4.5
£750,000	4.5	4.5	4.5	4.5	n/a	4.5
£1,000,000	4.5	4.5	4.5	4.5	n/a	4.5
£2,500,000	4.5	4.5	4.5	4.5	n/a	4.5
£5,000,000	4.5	4.5	4.5	4.5	n/a	4.5

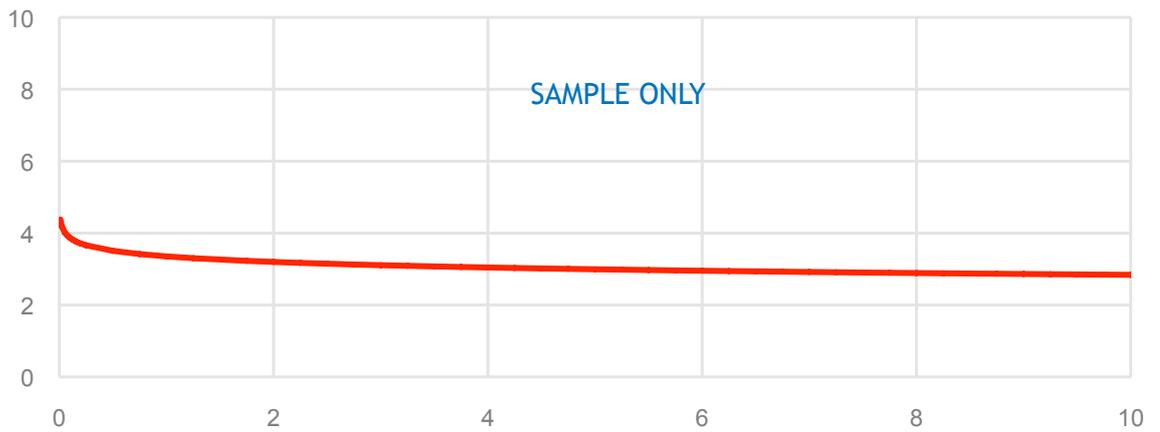
Offices

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Office New Build Full Duties



Office Refurbishment Full Duties



Office Refurbishment Performance

