



Smart Management Support



Full details from [www.smartmanagementsupport.com](http://www.smartmanagementsupport.com)

## DATA ANALYSIS TOOLKIT TASTER

### CONTENTS

Data Process Map
Data structure explained
Manipulation techniques
How to highlight issues for focus
Examples
FAQs

The focus of this toolkit is the hospital activity data available from the Secondary Uses Service (SUS).

The aim is to demonstrate how some simple manipulation of hospital activity can enable practices to make decisions about how to prioritise their efforts to release resources

### BENEFITS OF THE TOOLKIT

People who have used this toolkit have said how useful it is to be able to compare themselves with others similar to them.

It is a stepping stone to finding an explanation to account for variances. The next step may be to select some particular patient level data or to look for public health profiles.

It includes a quick-start guide to filtering and pivot tables in Excel.

The full version of the toolkit is available with the Silver or Gold Membership.

Go to MEMBERS on the main menu.

The pivot table below was constructed in approximately 3 minutes from 14000 records.

Practice 2 is a clear outlier with very low usage of emergency secondary care.

Practice 11 has a relatively low level of emergency admissions compared to others in the consortium but has a higher than average cost which is due to the cost of excess bed days which is where their efforts should be directed.

PRACTICE	Average of Length of Stay	Average of Excess Bed Days	Average of Excess bed days cost	Average of Total Cost	Total Emergency Admissions per 1000 registered patients	Total Cost per 1000K registered patients
Practice 1	5.27	11.88	£2,360.	£1,633.	122.09	£199,405.
Practice 2	3.61	6.90	£1,406.	£1,296.	112.76	£146,198.
Practice 3	6.10	16.05	£2,872.	£1,673.	139.43	£233,291.
Practice 4	4.75	11.06	£1,972.	£1,475.	107.12	£158,033.
Practice 5	6.32	11.38	£2,261.	£1,726.	86.16	£148,761.
Practice 6	5.28	11.20	£2,376.	£1,647.	127.47	£209,960.
Practice 7	4.90	11.93	£2,457.	£1,593.	127.24	£202,753.
Practice 8	5.25	11.63	£2,374.	£1,648.	128.56	£211,887.
Practice 9	4.61	11.12	£2,407.	£1,467.	124.87	£183,247.
Practice 10	4.15	8.30	£1,566.	£1,401.	133.77	£187,501.
Practice 11	6.64	13.53	£2,550.	£1,849.	118.23	£218,693.
Practice 12	4.79	11.81	£2,150.	£1,557.	115.40	£179,735.
Practice 13	5.12	15.99	£2,992.	£1,596.	138.23	£220,642.
Practice 14	5.57	8.81	£1,968.	£1,601.	125.30	£200,688.
<b>Grand Total</b>	<b>5.18</b>	<b>11.99</b>	<b>£2,359.</b>	<b>£1,597.</b>	<b>122.82</b>	<b>£196,254.</b>