



Guide to using Bayer's budget impact cost calculator

Introduction

Bayer has created a modelling tool to estimate the public sector spend – beyond healthcare costs – on children who are born as a result of unintended pregnancies. This includes spend on education, housing, personal social services and social welfare.

This note summarises how to use the tool to better understand the impact of unplanned live births for each local authority (LA) and region and the whole of England.

Getting started

Click **IMPACT OF UNPLANNED PREGNANCIES ON LOCAL AUTHORITY BUDGETS** and enter your **contact details** as below:

IMPACT OF UNPLANNED PREGNANCIES ON LOCAL AUTHORITY BUDGETS
COST CALCULATOR

This tool has been developed by Bayer on local authority budgets.

This budget-modelling calculator draws on data from the National Survey of Sexual Attitudes and Lifestyles (NSSL) report *Unprotected Nation 2015*, which estimates the costs associated with unintended pregnancies.

All costs are based on estimated costs per live birth. The model does not take into account any pregnancies that resulted in termination.

Your name :
Customer name :
Date :

Item code - UKWHG02180013
Date of Recertification - April 2018

View References



Using the Local data table

You will be taken to the main budget impact tool.

Step 1: Select Region

First, select a region using the **select region** drop down box:

Select Region :

The tool will then show data on live births and budget impact for the region and also the regional LA average as below:

Region	Regional L.A. Average
East Midlands	East Midlands
53,170	1,329
3,031	76
£4,391,440	£109,786
£1,053,286	£26,332
£497,791	£12,445

Step 2: Select Local Authority

You can then select a LA. This will update the tool with relevant data, including the **deprivation sector** and **total population** of the LA:

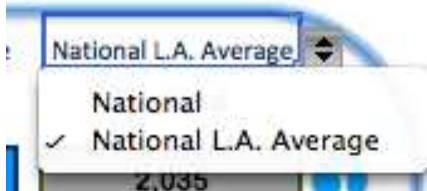
Select Local Authority :

Deprivation Sector ^o : Total Population ^o :



Step 3: National LA average

You can then adjust the Local Data Table to display either the national LA average or national data, as below:



Compare costs of unplanned pregnancies across LAs/ regions

Step 1: Select Regional Comparison

On the Local Data Tool tab select regional comparison on the right hand bar:

Deprivation Sector * : **Red** Total Population * : **66,458**

Local Authority	Region	Regional L.A. Average	National L.A. Average
Boston	East Midlands	East Midlands	England
867	53,170	1,329	2,035
49	3,031	76	116
£70,782	£4,391,440	£109,786	£168,106
£16,977	£1,053,286	£26,332	£40,320
£8,023	£497,791	£12,445	£19,056
£56,338	£3,495,325	£87,383	£133,803
£152,120	£9,437,841	£235,946	£361,285
£2.29	£2.04	£2.04	£2.16
£7,606	£471,892	£11,797	£18,064
£15,212	£943,784	£23,595	£36,128

View charts
Regional Comparison
Print Page
Print Model
View Summary
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Step 2: Select area type and add LAs/regions

To compare LAs/regions you first need to click **select area**. You can then compare up to four LAs or regions.

Compare Costs of Unplanned Pregnancies Across Local Authorities/Regions

Select Area Type : **Local Authority** 

	Local Authority	Select Local Authority	Select Local Authority	Select Local Authority
	Boston	London	Birmingham	Bassetlaw
Live births ^{1A,3} :	857	127,399	16,925	1,189
pregnancies resulting in live births ^{1A,3} :	49	7,262	965	68
estimated education cost per annum ² :	£70,782	£10,522,193	£1,397,877	£98,202
estimated housing cost per annum ² :	£16,077	£2,523,746	£335,281	£23,554
national social services cost per annum ² :	£8,023	£1,192,741	£158,456	£11,132
estimated social welfare cost per annum ² :	£56,338	£8,375,041	£1,112,627	£78,163
estimated public sector cost per annum ⁴ :	£152,120	£22,613,721	£3,004,240	£211,051
public sector cost per annum per capita* ⁴ :	£2.29	£2.65	£2.73	£1.85
estimated with 5% reduction in unplanned pregnancies resulting in live births :	£7,606	£1,130,686	£150,212	£10,553
estimated with 10% reduction in unplanned pregnancies resulting in live births :	£15,212	£2,261,372	£300,424	£21,105





Creating charts

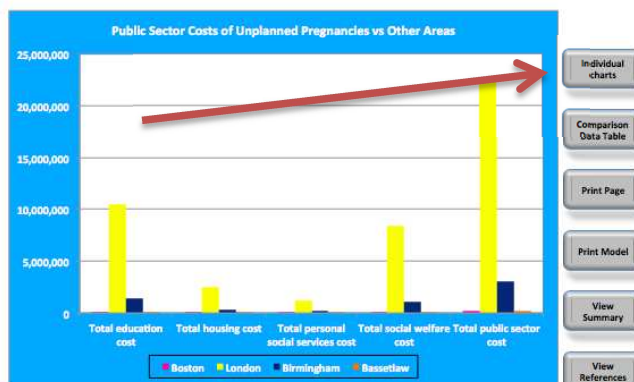
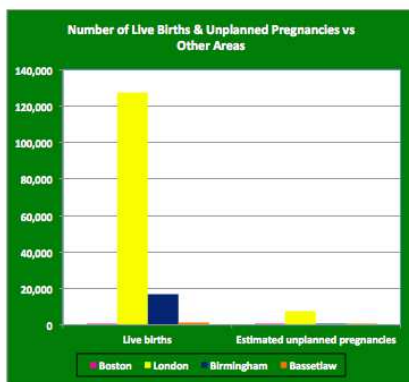
You can also generate bar charts of the data – both comparisons between areas and the breakdown of the budget impact in one area.

Creating regional comparison charts

When you have created a table with regional or LA comparisons, click **view charts** on the right hand bar.

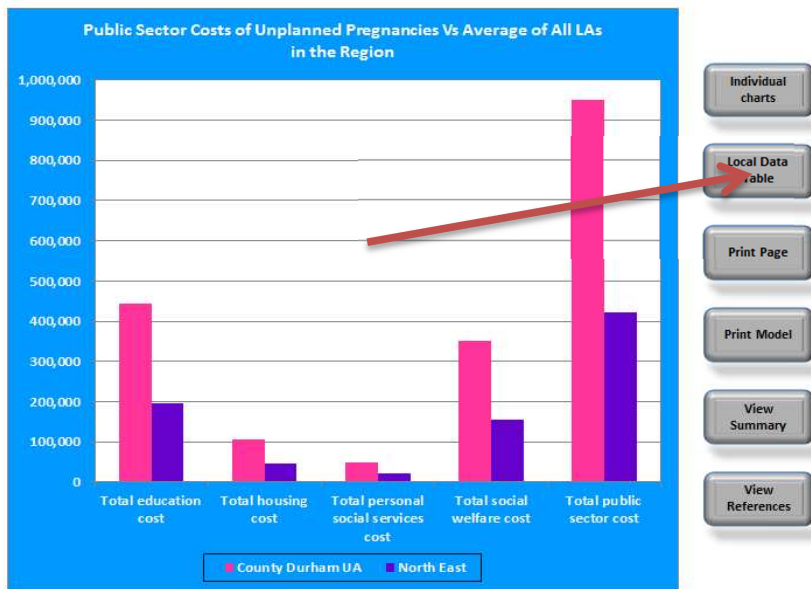
Region	Select Region	Select Region	Select Region
North West	London	Birmingham	Bassetlaw
85,606	127,399	16,925	1,189
4,880	7,282	965	68
£7,070,408	£10,522,193	£1,397,877	£98,202
£1,695,836	£2,523,746	£335,281	£23,554
£801,465	£1,192,741	£158,456	£11,132
£5,627,625	£8,375,041	£1,112,627	£78,163
£15,195,333	£22,613,721	£3,004,240	£211,051
£2.13	£2.65	£2.73	£1.85
£759,767	£1,130,686	£150,212	£10,553
£1,519,533	£2,261,372	£300,424	£21,105

View charts
Local Data Table
Print Page
Print Model
View Summary
View References





You can then create charts on individual areas of expenditure by selecting **individual charts**:



You can choose between the individual charts by **selecting chart type**:





Printing the tool

If you would like to print a **page** or the **model** you can do so by clicking **print page** or **print model** on the page you would like to print.

Printing as .PDF

If you would like to save a copy of the results as a .pdf file, after completing the model please go to the **file** tab, select **print** and change your printer selection to 'Adobe PDF' and the return to the 'Home' tab.

Region	Regional L.A. Average	National L.A. Average
North West	North West	England
85,606	2,195	2,035
4,880	125	116
£7,070,408	£181,293	£168,106
£1,695,836	£43,483	£40,320
£801,465	£20,550	£19,050
£5,627,625	£141,498	£133,803
£15,195,333	£389,624	£361,285
£2.13	£2.13	£2.16
£759,767	£19,481	£18,064
£1,519,533	£38,962	£36,128

Buttons on the right: View charts, Regional Comparison, Print Page, Print Model, View Summary, View References.