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NDEC

VIEWIT USER GUIDELINES



Viewlt User Manual | NDEC - UoM

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Introduction

ViewIt[™] is a web based tool which provides a simple way of visualising officially released National Drug Treatment Monitoring System (NDTMS) data at both a national and local level. It comprises two main areas, 'Profiles' and 'DAT Families'.

ViewIt Profiles are a means of visualising the substance misuse treatment data from NDTMS. You can view charts and maps of different treatment indicators and drill deeper into the data at both a national and local level.

ViewIt DAT Families provides a way of grouping partnerships based on a variety of treatment, prevalence and socio-economic indicators. These groupings allow partnerships to compare their own performance data with other similar partnerships, as well comparing against local/national targets. This area currently has restricted access.

Accessing ViewIt

Access to ViewIt is available from the NDTMS.net home page. Hover over the text ViewIt in the navigation bar towards the top of the page and select 'Profiles' or 'DAT Families'. *N.B. if selecting ViewIT by clicking on the brown "ViewIT" square this will take you directly to the ViewIT Profiles*.

ViewIt Profiles

On selecting 'Profiles' from the menu, you will be directed to the Headline Information page which summarises some of the **information available through** ViewIt. These summaries automatically show the data **at a national level**.

Navigating ViewIt: The Filters



Across the top of each ViewIt page there is a set of filters, which show the currently selected options. By changing these filters you can change the data (plus associated charts and maps) that is shown.

From the Headline Information page you have the option to use the filters to either select a different Geographical level or a different Profile (data item). To change the filters, click on the green bar above the current selection, and a drop down list will open showing you the current options in that filter. *N.B. the Year filter is not available from the Headline Information page as the data is shown for all years*.

Profiles selection:

	Profiles 🗾
	Headline Information
	Age
	Gender
	Ethnicity
	Nationality
	Main Substances
	Successful Completion
	Numbers in Treatment
	Effective Treatment
	Waiting Times
	Waiting Times Average
	Time in treatment
	Treatment pathways
Н	leadline Information

Geography selection:

>	Geography 🌐	Years					
		All Years					
	Hover the map or the list and click	England					
		East Midlands					
		East of England					
		London					
		North East					
		North West					
		South Central					
		South East					
		South West					
		Yorkshire and the Humber					
	•	West Midlands					
•			Ĩ				
>	Geography 🌐	Years	0				
>	Geography ()) North West	Years All Years	0				
>	Geography () North West	Years All Years	0				
>	Geography () North West	Years All Years					
>	Geography () North West Blackburn With Darwen	Years All Years Blackpool	0				
>	Geography () North West Blackburn With Darwen Bolton	Years All Years Blackpool Bury	3				
>	Geography () North West Blackburn With Darwen Bolton Cheshire	Years All Years Blackpool Bury Cumbria	0				
>	Geography (#) North West Blackburn With Darwen Bolton Cheshire Halton	Years All Years Blackpool Bury Cumbria Knowsley					
>	Geography (#) North West Blackburn With Darwen Bolton Cheshire Halton Lancashire	Years All Years Blackpool Bury Cumbria Knowsley Liverpool					
>	Geography (#) North West Blackburn With Darwen Bolton Cheshire Halton Lancashire Manchester	Years All Years Blackpool Bury Cumbria Knowsley Liverpool Oldham					
>	Geography (#) North West Blackburn With Darwen Bolton Cheshire Halton Lancashire Manchester Rochdale	Years All Years Blackpool Bury Cumbria Knowsley Liverpool Oldham Salford					
>	Geography (#) North West Blackburn With Darwen Bolton Cheshire Halton Lancashire Manchester Rochdale Sefton	Years All Years Blackpool Bury Cumbria Knowsley Liverpool Oldham Salford St Helens	0				
>	Geography (#) North West Blackburn With Darwen Bolton Cheshire Halton Lancashire Manchester Rochdale Sefton Stockport	Years All Years Blackpool Bury Cumbria Knowsley Liverpool Oldham Salford St Helens Tameside					
>	Geography () North West Blackburn With Darwen Bolton Cheshire Halton Lancashire Manchester Rochdale Sefton Stockport Trafford	Years All Years Blackpool Bury Cumbria Knowsley Liverpool Oldham Salford St Helens Tameside Wigan					
>	Geography () North West Blackburn With Darwen Boton Cheshire Haiton Lancashire Manchester Rochdale Sefton Stockport Trafford Wirral	Years All Years Blackpool Bury Cumbria Knowsley Liverpool Oldham Salford St Helens Tameside Wigan Warrington					

The geography filter allows you to take a look at the data from a local perspective, with all indicators available at DAT (Drug and Alcohol Action Team) level. When you click the Geography filter you will first need to select a general locality (or select England to view the national data).

Once you have selected a general locality, the panel will then be populated with a list of DATs within that general locality, and you can select the specific DAT you are interested in.

The profiles filter allows you to select a data item to explore and visualise. When you select a new profile, the tables, charts and maps will automatically update to display the requested data.

Breakdown selection:

Depending on the profile selected, it may be possible to break down the data by a second demographic or treatment indicator (for instance to crosstab nationality by age). For profiles without a breakdown, the selected breakdown filter will show as "None Available", if a breakdown is available it will show as "None Selected" *N.B. when viewing the Headline Information the breakdown filter is hidden*.

Profile without breakdown:		Profile with breakdown:	
Profiles Waiting Times	Breakdown by	Profiles	Breakdown by
Breakdown by	The exact options avai to which profile you ha update the tables and viewing a breakdown.	lable under the breakdo ave chosen. Selecting a b charts. <i>N.B. mapping is d</i>	wn filter will vary according breakdown option will disabled whilst you are

Year selection:

Nationality

Profiles	Breakdown by	🗾 🔰 Geography	/ 🕘 🔪	Years	0
Main Substance/s	Age	England			
				All Years	
				2010/2011	
				2009/2010	
				2008/2009	
				2007/2008	
				2006/2007	
				2005/2006	

By default, ViewIt shows a table containing data for all available years, to allow you to examine trends in the data. However, when a further item has been selected via the breakdown filter it is not possible to show all years' data on one table. Therefore, the year filter is provided to allow you to view the data for different years. When no item has been selected via the breakdown filter (or no breakdown is available) the Year filter defaults to "All Years" and cannot be changed. Once an item has been selected via the breakdown filter, the Year filter defaults to the latest year, and you can then select any available year to compare each year's data and view trends.

Headline Information (the executive summary)

When you first access ViewIt, the default page is the Headline Information, a suite of key indicators from officially released National Drug Treatment Monitoring System (NDTMS) data selected to give a broad overview of drug treatment. Each indicator has been calculated for the last 6 financial years. The first time that this page is accessed, data is automatically displayed at a national level. Below shows the information that is available in this section:

The table and chart:

	SAN	рл		2					Welcome Jim McGrath, Logout
	N Less		IVIN)					MANCHESTER NDEG
N	Vational Drug Tre	atment Mo	nitoring Syst	em					The University of Manchester National Drug Evidence Centre
	Home	Output	5	ViewIt	Pu	blication	s	Admir	nin MyNdtms Ask a Question Forum
C	reate Data Views	here							Powered by
5	Selection	P	ofiles			Geograph	У		Years 🚳
		Head	lline Inforr	nation	Er	ngland			All Years
н	eadline	Info	rmati	on –	Engla	nd A	ll Yea	ars	🖕 🖴 🖓 📆
	cuunne		inter		Lingia	inci, r			
Cli	ick icons to Visu	ialize.							
	Variable	05/06	06/07	07/08	08/09	09/10	10/11		
	Successful Completions	11208	13717	18274	24970	23680	27969		Successful Completions
	Numbers in								
	Effective Treatment	145051	163886	182775	194572	192367	191129		25,000
	Numbers In	175869	194173	200805	210815	206889	204473		
	Treatment								20,000
	Waiting Times < 3 Weeks	30628	62375	71678	76168	73059	69699	2	15,000
	Percent of Waits < 3 Weeks	87	87	91	93	94	96		10,000 05/06 06/07 07/08 08/09 09/10 10/11

The single table that is displayed presents the data indicators in rows down the left of the table and the 6 years in columns across the top of the table. On the far right of each row is a "visualise" button:

Clicking this button changes the chart to the right of the table and the maps displayed below the table to show the selected indicator. The chart is shown as a line graph which plots the trends for the chosen indicator across the 6 years. If you hover the cursor over the line of the graph an information box will pop up at each data point providing further details.

The Maps:

A map showing the local distribution of the selected indicator is found at the bottom of the page. Tabs across the top of the map allow you to view a map for each of the six years, so you can see how the distribution changes with time.



If you select a different Geography whilst viewing the Headline Information, a national distribution chart is added to the maps section (see next page) which allows you to pinpoint where that local Geography is placed on a national scale.

The national distribution chart is a line graph containing a data point for every DAT in the country. The selected DAT is marked on the distribution chart with a map-pin icon (the approximate location of the DAT is also shown on the map).

Hovering over the line will show data points and give further information about each DAT in the sequence. Additionally, by clicking and dragging either vertically or horizontally on the line graph, you can zoom in on the line to make it easier to identify where individual DATs lie relative to each other. To return to the full distribution, simply double click the chart.



Other Profiles

There are some minor differences between the tables and charts for the Headline Information and the other profiles available on ViewIt.

For the other profiles, two visualisation buttons are available allowing you to visualise data by either column or row, depending on the view you are interested in.

Visualise by Row: Main Substance/s - England, All Years 🎃 🚢 🕜 Click icons to Visualize. Hover mouse to get more information Primary 10/11 05/06 06/07 07/08 08/09 09/10 Drug Primary Drug - Opiate Only Users 14,000 Opiate Only 101075 102598 100433 📗 97253 101649 99672 Users 12,000 Opiate and Crack 42291 51601 59316 66181 64602 65788 h. 10,000 Users 18.000 Crack Only 7437 8502 8408 8417 6560 5918 h, Users 16,000 06/07 07 08 05/06 08 p9 09110 Cocaine h. 7154 9113 10845 12401 10913 9891 Users Cannabis 11105 12657 13005 13525 14309 14547 h. Users 7435 8210 8232 7915 6900 6911 h Others Unknown 3194 2441 1327 1301 1007 985 h

Visualising a profile by row allows you to examine the trend over time in a given value. The chart is presented as a bar chart (hovering your mouse over each bar will give further information).

As with the headline information, maps are available beneath the chart and table with tabs for each year, allowing you to view changes in distribution over time. However, the maps for other profiles generated at DAT level do **not** have a national distribution: this is only available for the Headline Information.



Visualising a profile by column allows you to view the relative proportion of each value within a given year. The bar chart is replaced by a pie chart (again, hovering your mouse over each "slice" of the pie gives more information).

By selecting each column in turn, you can visualise the change in proportion over the course of time. *N.B. maps are not available whilst visualising by column.*

Visualising Breakdowns:

When selecting a profile and a second item via the "breakdown by" filter, the table shown contains the same two visualisation buttons. However, as the columns of the table are no longer showing year on year data, the graphs shown when visualising by row and by column will present a breakdown of the categories of the profile selected, rather than of each year. Again, please note that maps are not available when visualising a breakdown.

DAT Families

ViewIt DAT Families provides a way of grouping partnerships based on a variety of treatment, prevalence and socio-economic indicators. These groupings allow partnerships to compare their own data with other similar partnerships, as well comparing against local/national targets.

Accessing DAT Families

Access to DAT Families is available from the NDTMS.net home page. Hover over the text ViewIt in the navigation bar towards the top of the page and select 'DAT Families'.

Using DAT Families

On selecting 'DAT Families' from the menu, you will be directed to a page showing a 'Profile' filter which categorises the indicators you can select to build a family into three groups.

Profiles:

Selection	Profiles	
	In treatment »	_
	In treatment under 3 years	•
	In treatment between 3 and 6 years	E
	In treatment over 6 years	Ð
	Opiate users	E
	Crack users	E
	OCUs	E
	Non OCUs	\checkmark
	Cannabis users	E
	Cocaine users	•
	Amphetamine users	•
	Under 25s	+
	25-39	+
	40-49	+
	50-59	+
	60+	+
	Prevalence and new presentations »	
		_
	OCU prevalence estimates 08/09 (N users)	<u>±</u>
	OCU prev. est. 08/09 (rate/1000 pop)	
	Treatment naïve clients (OCU)	<u> </u>
	New treatment journeys in effective treatment	<u> </u>
	Referral route Criminal Justice	<u>+</u>
	Clients re-presenting to treatment	E
	Socio - Economic »	_
	Latest population estimates	•
	Population density	
	Indices of deprivation	•
	Child Wellbeing Index	•
	Crime rates	•

Clicking on the double arrows to the right of the text expands the filter box to show all the indicators available within that category.

These indicators can be used to profile DATs against each other. By using several profiles simultaneously, you can identify DATs that are similar to each other. We call these, "DAT Families".

You can choose **up to three** selections of these indicators from any category to help build your DAT family; to select an indicator click on the green plus to the right of the indicator you want to select, to deselect click on the orange tick.

Geography:

Once you have selected at least one indicator, the Geography filter will appear. To generate a DAT Family you must select a Target DAT against which all other DATs will be compared. As with the ViewIt Profiles, to select a DAT you will need to select a general locality first, then you can pick a specific DAT from the list in that locality.

Geography	
Hover the man or the list and	
click	East Midlands
	East of England
	London
	North East
	North West
	South Central
	South East
	South West
	Yorkshire and the Humber
	West Midlands

Blackburn With Darwen	Blackpool
Bolton	Bury
Cheshire	Cumbria
Halton	Knowsley
Lancashire	Liverpool
Manchester	Oldham
Rochdale	Salford
Sefton	St Helens
Stockport	Tameside
Trafford	Wigan
Wirral	Warrington

Family Group:

Once you have selected a DAT, the Family Group filter will appear which asks you to choose a method to generate your DAT Family.

"20 Nearest" will compare the DATs which lie closest in value to the Target DAT for each indicator, regardless of whether the value is greater or less than the Target DATs value.

"10 Above and Below" will select the ten DATs for each indicator which are immediately above and below the Target DAT (when ordered by indicator value), regardless of the actual value of each indicator. The two methods may produce slightly different results, depending on the distribution of the chosen indicators.



After completing selections for all filters a large button labelled "Go" will appear; clicking this will generate the DAT Family. Once you have generated a Family, you can change your filter settings by clicking the green title bar above each selection: this will open the drop down so you can make other selections.

The Results

The output from DAT Families is a set of tables showing the Target DAT (identified in the tables by the map-pin icon) and those closest to it on each indicator. A table for each indicator is shown, listing the name of each DAT, the actual value for that indicator, and their difference to the Target DAT.

If only one indicator has been selected just one table will appear. If more than one indicator has been selected, these tables will appear side-by-side and any DATs that appear in the tables for all the selected indicators are highlighted.

These highlighted DATs make up the "DAT Family" for the Target DAT and the selected indicators. Depending on the indicators chosen, there may not be any additional DATs highlighted. In this case, either change the indicators selected or try the other Family Group filter option.

Comparison Tables:

In the example below, Manchester is the Target DAT (identified in the tables by the map-pin icon). Doncaster is highlighted, indicating that Doncaster is present in all three tables and therefore forms a DAT Family with Manchester for this combination of indicators.

Selection	Profiles		۵ ک	Geography		🕽 🔰 Family Group		
	DCUs DCU prev. est. 25-39	08/09 (rate/1	000 рор)	Manchester		20 Nearest		
DAT Families	- Manche	ester (20	nearest)				🚖 🕻	
OCUs			OCU prev. est. 08/0	9 (rate/1000 p	op)	25-39		
DAT Name	Value	Diff	DAT Name	Value	Diff	DAT Name	Value	Diff
Lancashire	4127	1047	Rochdale	14.7	1.0	Nottinghamshire	2195	495
Liverpool	3620	540	Kensington and Chelsea	14.6	0.9	Liverpool	2178	478
Manchester	9 3080	0	Blackburn With Darwen	14.6	0.9	Bristol	2012	312
Leeds	3008	-72	Wolverhampton	14.6	0.9	Kent	1956	256
Bristol	2988	-92	Stockton-on-Tees	14.5	0.8	Sheffield	1819	119
Bradford	2926	-154	Islington	14.4	0.7	Manchester	9 1700	0
Nottinghamshire	2630	-450	Doncaster	14.3	0.6	Essex	1656	-44
Sheffield	2534	-546	Birmingham	14.3	0.6	Derbyshire	1573	-127
Kent	2515	-565	Stoke-on-Trent	14.3	0.6	Norfolk	1540	-160
Norfolk	2315	-765	Derby	14.2	0.5	County Durham	1468	-232
Wirral	2098	-982	Bradford	14.0	0.3	Kingston upon Hull	1441	-259
Kingston upon Hull	2057	-1023	Manchester	9 13.7	0.0	Hertfordshire	1437	-263
Essex	2007	-1073	North East Lincolnshire	13.7	0.0	Staffordshire	1436	-264
Derbyshire	2005	-1075	Plymouth	13.5	-0.2	Wakefield	1435	-265
Cheshire	1989	-1091	Bolton	13.2	-0.5	Doncaster	1387	-313
Hampshire	1862	-1218	Hackney	13.1	-0.6	Lincolnshire	1333	-367
Hertfordshire	1843	-1237	Camden	13.1	-0.6	Cheshire	1280	-420
Staffordshire	1837	-1243	Newcastle upon Tyne	13.1	-0.6	Hampshire	1275	-425
Doncaster	1761	-1319	Ealing	13.0	-0.7	Nottingham	1273	-427
Lincolnshire	1757	-1323	Knowsley	12.7	-1.0	Gloucestershire	1233	-467
Wakefield	1754	-1326	Redcar and Cleveland	12.7	-1.0	Northamptonshire	1203	-497

Comparison Charts:

Underneath each table is a chart showing the national context of the tables. The line chart plots a data point for each DAT showing the distribution of each indicator across the country, with the Target DAT marked with a map-pin icon. Hovering over the line will show data points and give further information about each DAT in the sequence. Additionally, by clicking and dragging either vertically or horizontally on the line graph, you can zoom in on the line to make it easier to identify where individual DATs lie relative to each other. To return to the full distribution, simply double click the chart.



Further Details

For technical enquiries please contact NDEC by navigating to the "Ask a Question" section of NDTMS.net and completing the feedback form.

For data enquiries please contact the NTA at the following email address: <u>viewitdataenquiries@nta-nhs.org.uk</u>