DTE - Dimensions Table Export

DP Delivery

User Documentation for V5.0

Support

If you need any support with using the DTE application, please work through the following steps:

1. Check this document
2. Ask your DP colleagues whether they can help
3. Check the intranet page:
   http://myapps.kantar.com/DTE
4. Contact DTE.support@tnsglobal.com for advice

1. Overall Description

1.1 Product Features

This application allows DP departments to create various outputs (e.g. printable tables, data file) from SPSS Dimensions with the required quality of formatting and layout.

The main features of this application are:

"Excel Tables" export

- To export tables from an IBM SPSS Dimensions MTD file to an Excel spreadsheet
- To apply formatting based on a supplied Export Options file and Template, or a default Export Options file and Template
- To split tables larger than one page into separate sheets to ensure the tables are readable when printed*

Once the export is complete the user will be able to open the file and print the Excel spreadsheet. If a PDF version is required for sending to clients then this can be created using Microsoft Office or other 3rd Party PDF creators.

** The DTE options also allow tables to be exported one per sheet (regardless of table size), or all tables on a single sheet. If either of these options are selected, tables will NOT be in a suitable format to print*

"Cell Values Data File" export

- To export data from an IBM SPSS Dimensions MTD file to a text file
- One line of data will be exported for:
    - Each cell in each table (a cell is an intersection between a break and a side element)

      OR (depending on options)
    - Each value in each cell in a table

"WebTabs Files" export

- To export data from an IBM SPSS Dimensions MTD file to xml and js files suitable to feed into WebTabs
- WebTabs is an online table-viewer program developed by UK Development Services. View the demo, or contact development.services.uk@tnsglobal.com for more information)

1.2 Intended Use

Excel Tables export

This application is intended to run as part of the table creation process by DP, and also to be run by Researchers after modification of the MTD file in IBM SPSS' Survey Reporter application. It will replace the current basic export to Excel which IBM SPSS provide.

Other export types

This application is intended to run as required by specific projects / users

1.3 Operating Environment

The application is compatible with Windows XP and Windows 7. Office 2007 or higher (or Office 2007 compatibility pack) is required to view exported xlsx files, but is not required to run the application.

The application may be run from the command line, an mrScript (e.g. for automated / unattended export), or via a GUI (graphical user interface - "form").

1.4 Installing the Application

Pre-requisites:

- .Net Framework 3.5 or higher must be installed
- Old versions of the application must be uninstalled before a new version can be installed. This should be done via Control Panel | Programs and Features (Windows 7) or Control Panel | Add/Remove Programs (pre-Windows7). The name of the application is Kantar Dimensions Table Exporter

The application should be installed via the provided setup program, which will also install the default Export Options and Templates.

2. Running the Application

2.1 Running from the Command Line or from mrScript

The application ("DTE") can be run from a command line, batch file or directly within an mrScript file. It can be run from any folder e.g. the project folder. Parameters should be referenced by name, prefixed with a dash (-). It doesn't matter what order the parameters are specified in.

Table 1a: Application Parameters

Param Name	Description	Required?
type	Type of export	Yes. "XLP" for Excel table output; "CVD" for cell values data file; "WTB" for WebTabs files
mtd	Path and filename of the **MTD file**. May be absolute (full path and filename) or relative to the directory you're executing the command from	Yes
saveas	Path and filename for the **exported file**. May be absolute (full path and filename) or relative to the directory you're executing the command from	No. Defaults to same folder as the MTD file; filename will be as per the MTD file, but with the appropriate extension depending on export type (e.g. xlsx for Excel table output)
options	Path and filename of the **Export Options file** that describes how the tables should be exported. May be absolute (full path and filename) or relative to the directory you're executing the command from	No. Defaults to standard Export Options installed with application

2.1.1 Example of Running Application from the Command Line

Specifying MTD file only:

```
DTE -type=XLP -mtd="c:\inputs\wave1.mtd"
```

Or, if running the command from the directory the mtd file is in (c:\inputs):

```
DTE -type=XLP -mtd="wave1.mtd"
```

Specifying MTD file, output file and options file:

```
DTE -type=XLP -mtd="c:\inputs\wave1.mtd" -saveas="c:\outputs\wave1_dte.xlsx"
-options="c:\dteoptions\My DTE Options.xlsx"
```

Or, if running the command from the directory the mtd file is in (c:\inputs):

```
DTE -type=XLP -mtd="wave1.mtd" -saveas="..\outputs\wave1_dte.xlsx"
-options="..\dteoptions\My DTE Options.xlsx"
```

TIP: If you run an export manually from the form, the command line will be written to the log file

2.1.2 Example of Running Application from a Batch File

Specifying MTD file and export options file:

```
call DTE -type=XLP -mtd="c:\outputs\wave1.mtd" -options="c:\outputs\My DTE
Options.xlsx"
```

2.1.3 Example of Running Application from an mrScript File

The application can be run from any mrScript file but can also be included in the KO standard Runtables.mrs script. Some examples of this are:

Specifying MTD File:

```
Dim WshShell

Set WshShell = CreateObject("WScript.Shell")

WshShell.Run("DTE.exe -type=XLP -mtd=""" + OUTPUTFOLDER + OUTPUTNAME +
".mtd""", 0, True)
```

Specifying MTD File, output file and export options:

```
Dim WshShell

Set WshShell = CreateObject("WScript.Shell")

WshShell.Run("DTE.exe -type=XLP -mtd=""" + OUTPUTFOLDER + OUTPUTNAME +
".mtd"" -saveas=""" + OUTPUTFOLDER + OUTPUTNAME + ".xlsx""", 0, True)
```

For this to work:

1. The Export Options file has to be placed in the OUTPUTFOLDER (which typically will be the Deliverables\Output subfolder)
2. The `WshShell.Run` line has to come after the mtd file has been saved. This happens on the line `If MTD Then .Save(OUTPUTFOLDER + OUTPUTNAME + ".mtd")` so it needs to be after that. Also the MTD parameter at the top of the included tables script needs to be set to True.

2.1.4 Viewing Application Parameter Information and Application Version

Viewing application parameter information:

```
DTE -help
DTE -?
```

Viewing application version number:

```
DTE -version
DTE -v
```

2.2 Running from the GUI (form)

The user should start the application e.g. via desktop shortcut or Start | All Programs | Kantar | Kantar Dimensions Table Exporter. A form will be displayed, prompting the user to enter the required parameters.

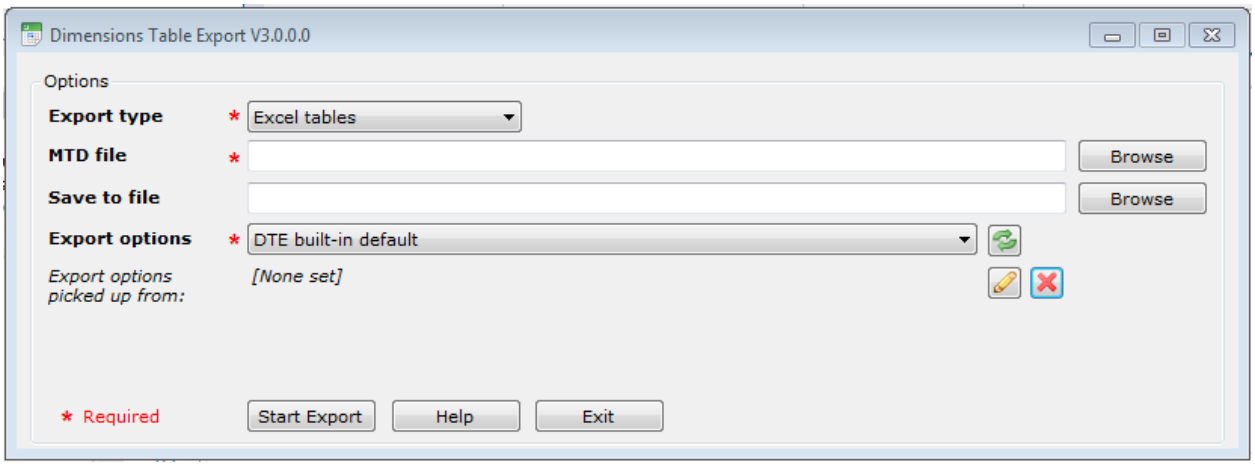


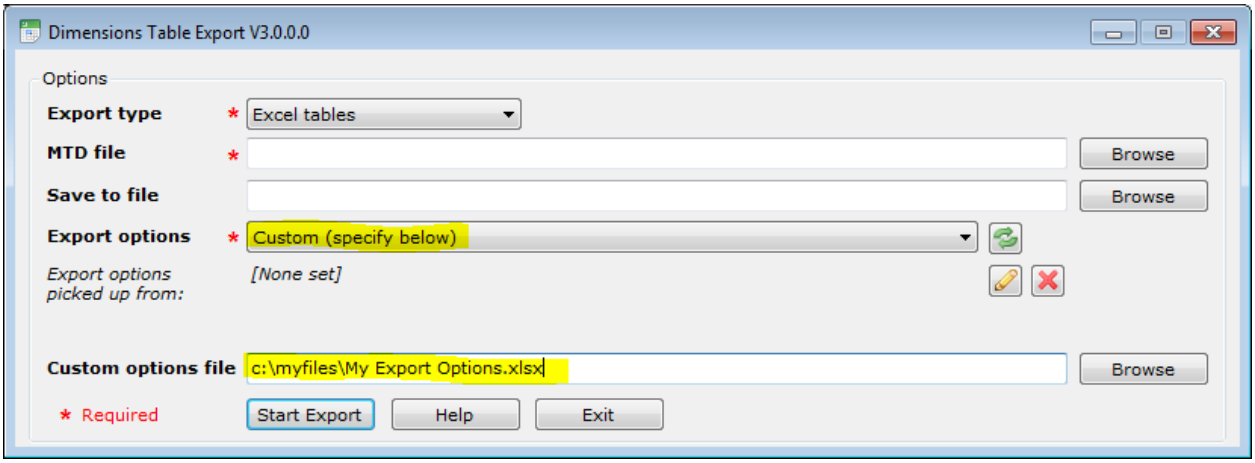
Table 2b: Application Parameters

Parameter	Description	Required?
Export type	Type of export required e.g. "Excel tables", "Cell values data file" etc	Yes
MTD file	Full path and filename of the **MTD file** as provided by DP. Click the Browse button to select the required file	Yes
Save to file	Full path and filename for the **exported file**. Click the Browse button to select the required output directory and filename	No. Defaults to same folder as the MTD file; filename will be as per the MTD file, but with the appropriate extension depending on export type
Export options	The **Export Options** you want to use when exporting the mtd file. Select the required Export Options from the dropdown list*	Yes

** see next section for more details about the Export Options*

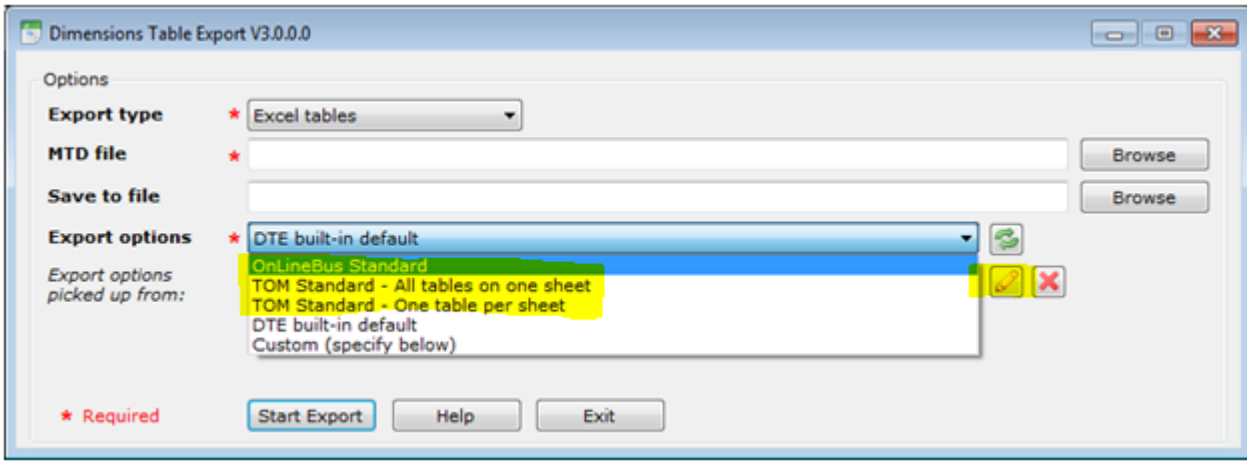
2.3 Export Options

By default, the Export Options list will contain default Export Options installed with the application, plus a Custom item allowing you to specify your own Export Options file. If the **Custom item** is selected, you will need to specify the path & filename of your custom Export Options file:



If you have **standard Export Options files specific to your department**, these can be added to the dropdown list as follows:

1. Ask your DTE champion for the full path of the folder in which the standard Export Options files are stored
2. Click on the pencil icon  to navigate to this directory
3. Your standard Export Options will now appear in the dropdown list



3. Export Options and Formatting

Export options, table layout and formatting are specified in two file types:

1. **Export Options file**
    - Applicable to all export types
    - An Excel file containing a set of options describing how the tables in your mtd file should be exported
    - The options may vary depending on export type e.g. "Excel table" export will contain options for which Template file to use, how you want your tables to be paginated etc.; "Cell values data file" export will contain options for delimiters
2. **Template file**
    - Applicable only to the Excel Tables output
    - An Excel file containing a template describing how the tables should be laid out and formatted e.g. where to put the table title, any required logos, what font you want to use etc.
    - May also optionally include template sheets describing how a table of contents and/or cover page and/or significance summary sheet should be laid out and formatted

3.1 Default Export Options & Template

The DTE application includes default Export Options and Template files for each export type e.g. the default Excel Tables files will export paginated tables to a TNS-branded template. Details of these options settings can be found in Appendix A.

3.2 Custom Export Options & Template

Custom Export Options and/or Templates may also be set up (e.g. for specific markets or projects). Custom Export Options / Template files should be created by copying from an existing file, and amending as required. This will usually be the job of your local DTE champion.

Instructions and information about the Export Options and Template can be found in the files themselves. Example files are on the intranet page. In addition, Appendix B provides pictorial representations that will be helpful when setting up Excel table formatting.

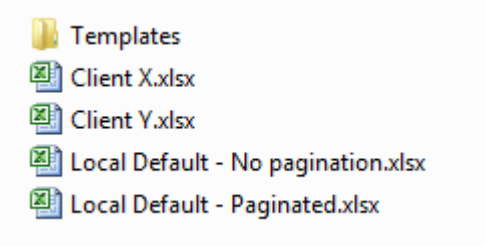
3.3 DTE Champions - Collating standard Export Options / Templates for your department

If you have standard local or client-specific export requirements / templates, you can set these up centrally and enable all your users to easily access them from the form in the DTE application:

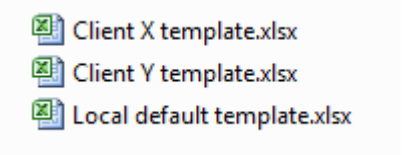
1. Create a folder to hold your standard **Export Options files**. This folder should be accessible to all your DTE users. It doesn't matter what the folder is called
2. Put all your standard **Export Options files** in this folder. Each file should be named as you want it to appear in the dropdown list on the form in the DTE application. Do **not** put any other Excel files in this directory
3. Add a sub-folder to hold the **Template files** that the **Export Options files** refer to. It doesn't matter what the sub-folder is called
4. Ensure that the TemplateFilePath option in all your **Export Options files** points to the relevant file in this templates directory
5. Let all your users know what the full path of the Export Options folder is (as created at step #1). They can then link their DTE application to the folder (see here)

Example folder structure

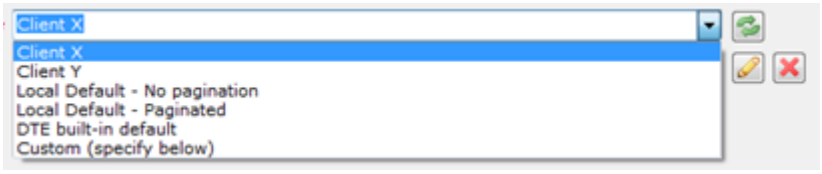
Contents of Export Options folder:



Contents of Templates sub-folder:



Resultant user interface:



4. Excel Tables Output

Formatted tables will be exported to a single file and saved as per the file path specified in the command line or user form. Generally this will be an xlsx or xlsm file.

4.1 Pagination

Please note that the PaginateTables option was previously named PaginateLargeTables. Both names are still supported.

4.1.1 PaginateTables = DownThenAcross or AcrossThenDown

If a table contains more columns and/or rows than are allowed within the table boundaries it will be split over multiple worksheets so that each worksheet will print to a single page.

If a table needs to be split because it is too wide then the annotations, side axis, "Base" column (if any) will be copied onto each worksheet. If a table needs to be split because it is too tall then the annotations, top axis and "Base" row (if any) will be copied onto each worksheet. The "Unweighted Base" row will only be copied if the ShowUnwtdBaseOnPaginatedTables option is set to True. Axes will be split between breaks / variables where possible. The application will also avoid splitting nested axes where possible.

Some tables will be both too wide and too tall and so will need to be split in both directions. When the PaginateTables option is set to DownThenAcross the additional sheets for the table will be inserted in the order vertically and then horizontally as shown in Figure 1 and if the option is set to AcrossThenDown the additional sheets for the table will be inserted in the order horizontally and then vertically as shown in Figure 2.

Figure 1: Paginating Tables Down Then Across

1	3	5
2	4	6

Figure 2: Paginating Tables Across Then Down

1	2	3
4	5	6

4.1.2 PaginateTables = OneTabPerPage or AllTabsOnOnePage

OneTabPerPage - Each table will be output to a single sheet.

AllTabsOnOnePage - All tables will be output to a single sheet (continuing onto additional sheets if no more tables will fit on the first sheet)

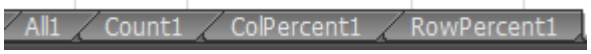
Since tables may vary in size, the position of any images (e.g. logos) may also vary between tables. Images are horizontally-positioned relative either to the left-hand edge, the right-hand edge, or the centre of the table body; whichever the image is closest to. Similarly, images are vertically-positioned relative either to the top edge, the bottom edge, or the vertical middle of the table body.

Note that these outputs are unlikely to be suitable for printing, as tables could be longer or wider than can comfortably fit on a printed page. If printing is required, use DownThenAcross or AcrossThenDown.

4.1.3 PaginateTables = OnePagePerCellItem

- This exports:
    - Figures for each **cell item** (Count, ColPercent etc) to a separate sheet. All tables are exported to each sheet
    - In addition, it exports the full table (all cell items / figures) to a further separate sheet. Again, all tables are exported to this sheet. This sheet is the same as that produced by the AllTabsOnOnePage export
- This export is typically provided to manual charting teams to allow them to easily copy and paste ranges of percentages into PowerPoint

- The number of sheets exported is generally equal to the number of different cell item types in the table set, plus 1 (for the full table).
    - e.g. If some tables contain **Count**, **ColPercent** and **RowPercent** items, and other tables contain just **Count** and **ColPercent** items, **3+1** sheets will be exported



    - e.g. If some tables contain **Count** and **ColPercent** items, and other tables contain **Count** and **RowPercent** items, again **3+1** sheets will be exported

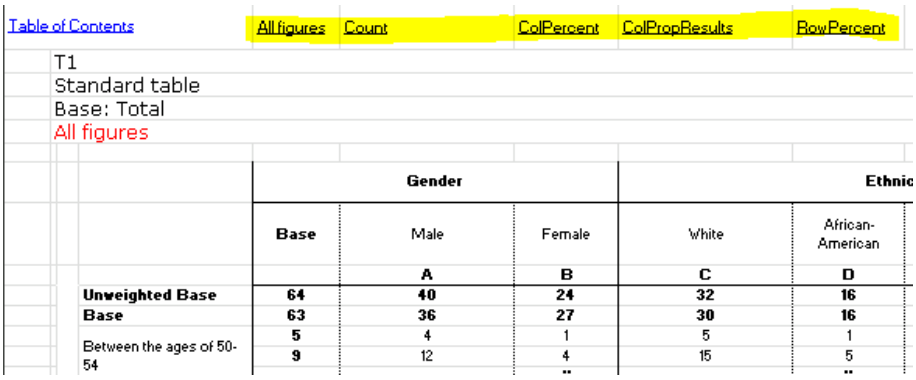
- The cell item type (Count, ColPercent etc) is taken directly from the MTD file; however, please be aware that this **does not always reliably describe the figures**
    - e.g. if a table contains just ColPercent (no Count), base sizes will be marked as ColPercent, even though they are actually counts
    - e.g. Mean scores are often marked as Count if other rows in the tables contain percentages

- All tables are exported to each sheet, even if there are no applicable figures (the table will be empty in these cases)

- If the table set is too big to fit all the tables onto one sheet, it will continue onto additional sheets in the same way as AllTabsOnOnePage does

- The notes that apply to the AllTabsOnOnePage option also apply to the OnePagePerCellItem option

- Links are provided to allow easy navigation between the different cell items for a particular table. These links are added directly to the right of the #LinkToContents# marker in the template. If there is no #LinkToContents# marker, or the cells directly to the right of the marker are not empty, the additional links cannot be created



4.1.4 Templates

The same Template can be used for all pagination types if required - the template should be set up for paginated tables, and DTE will automatically add extra rows/cols as required if non-paginated tables are required. These extra rows/cols will be inserted between the Table Start & End markers in the template.

4.2 Fitting Text into Cells

The application will identify any cells where the **label text** or **column proportion results** or **absolutes** are **estimated** to be too long to display in the cell when the table is **printed** (or viewed in Print Preview mode).

The application will allocate additional rows to long side element text, up to the maximum number of rows specified in the MaxRowsForEachSideElement option. Additional rows will also be allocated to side elements with long column proportion results.

Similarly, the application will allocate additional column width to long break element text, up to the maximum number of columns specified in the MaxColsForEachTopElement option.

Any text that is still **estimated** to be too long to display will be reported in a User Information worksheet at the beginning of the output workbook. Table titles, base text, annotations etc are **not** checked.

Please note that this is not an exact science, and some false positives (saying text is too long, when it isn't) and false negatives (not identifying text which is too long) may be generated.

False positives are particularly likely if you are exporting all tables to one page, since long text is identified for each table as if it was being exported to its **own sheet**. When tables are collated onto a single sheet, some columns may become wider to accommodate text on a later table. NB: columns will never become narrower.

Users may reduce the likelihood of receiving false negatives by increasing the value of the FlagLongTextPessimisityInMillimetres option. This will have the knock-on effect of increasing the likelihood of receiving false positives.

4.3 Significance Testing Options

DTE is able to replicate the display of significant differences in Millward Brown's Elegant Data output.

4.3.1 Significance Summary sheet

To output a Significance Summary sheet (lists all sig differences found in the mtd onto a single sheet), simply set up a template sheet in the Template workbook, and set the SigSummarySheetName option to the name of this sheet.

If red/green colouring (indicating significantly lower / higher) is required, this should be set up as conditional formatting in the template.

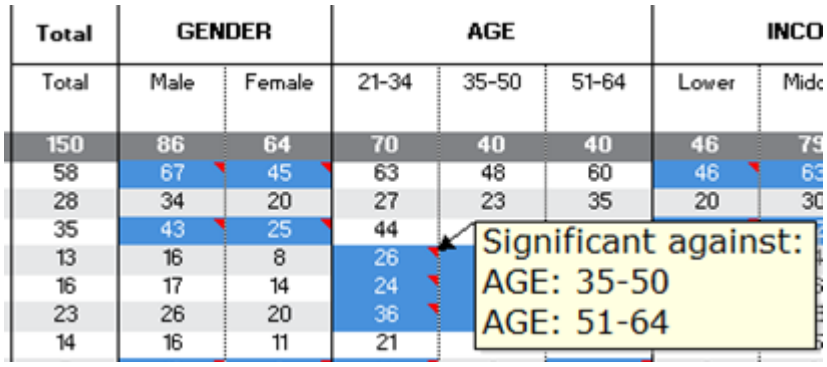
4.3.2 SigDiffDisplay = AsComments

The following options should be set:

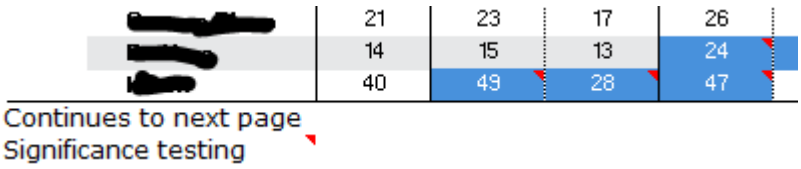
- **SigDiffDisplay = AsComments**
  This does not show sig test letters in the table, but adds a comment to each appropriate cell indicating what it is significantly different against. Formatting is applied to the significantly different cells – this is picked up from the Formatting tab in the template – ColPropResultsCellItem item.

Total	GENDER		AGE		
Total	Male	Female	21-34	35-50	51-64
150	86	64	70	40	40
58	67	45	63	48	60
28	34	20	27	23	35
35	43	25	44	28	28
13	16	8	26	3	-
16	17	14	24	5	13
23	26	20	36	8	18

- **SigDiffCommentHeader** – e.g. "Significant against:"
  Specifies the header required for each comment (if any)



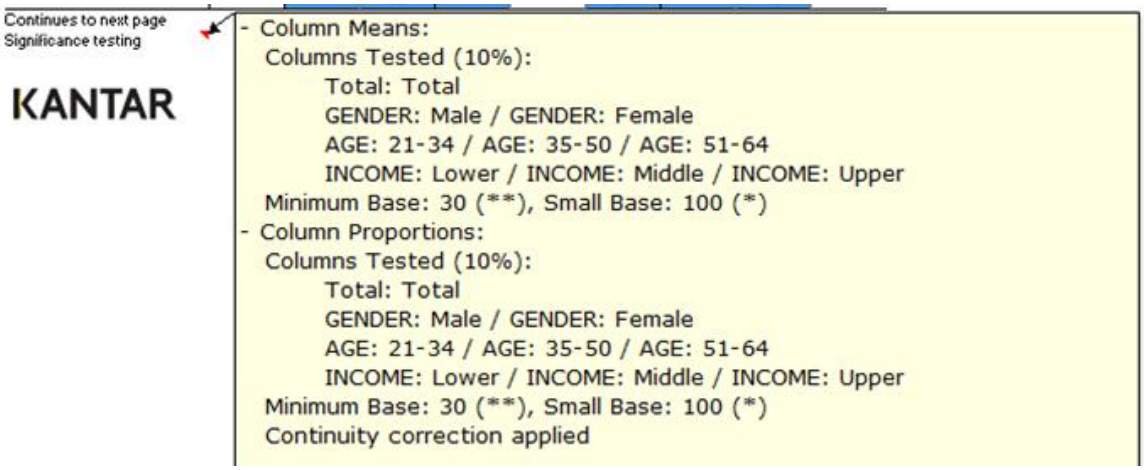
- **SigTestingHeader** – e.g. "Significance testing"
  If this is set, it writes details of which columns have been tested to a comment (in the location specified in the table template for the SigTestingAnnotation)



- **SigTestingAnnotation** – e.g. LeftFooter
  Name of the annotation that contains the description of the sig testing. DTE attempts to replace column letters with column labels (e.g. "B/C" -> GENDER: Male / GENDER: Female), but it can only do that if the annotation contains a line(s) of text in the expected format (as highlighted in red below):

  Columns Tested (10%): A, B/C, D/E/F, G/H/I

  Columns Tested (5%): A, B/C, D/E/F, G/H/I, (10%): a, b/c, d/e/f, g/h/i



4.3.3 SigDiffDisplay = FormattingOnly

The following options should be set:

- **SigDiffDisplay = FormattingOnly**
  This does not show sig test letters in the table, but simply applies formatting to the significantly different cells – this is picked up from the Formatting tab in the template – ColPropResultsCellItem item.

Total	GENDER		AGE		
Total	Male	Female	21-34	35-50	51-64
150	86	64	70	40	40
58	67	45	63	48	60
28	34	20	27	23	35
35	43	25	44	28	28
13	16	8	26	3	-
16	17	14	24	5	13
23	26	20	36	8	18

- **SigTestingHeader** – e.g. "Significance testing"
  As per SigDiffsDisplay = AsComments

- **SigTestingAnnotation** – e.g. LeftFooter
  As per SigDiffsDisplay = AsComments

4.4 User Information Worksheet

The output tables may contain a User Info sheet at the start of the workbook. This will list:

- Text which may be too long to display in the cell when printed (see Fitting Text into Cells)
- Blank tables e.g. those that have all cells suppressed
- Any problems with processing significant differences (only applicable if outputting a Significance Summary sheet or displaying significant differences as comments

If there is nothing to report, then this sheet will not be created.

Please note that there may be additional messages in the log file.

4.5 Exporting as a CSV File

It's possible to export your tables as a csv file if you specify a csv extension on the "save to file" path e.g. c:\MyTables.csv.

- Only one csv file is exported, even if PaginateTables is set to an option that would spit tables across multiple Excel sheets
- You would probably want to set PaginateTables = AllTabsOnOnePage so that each table is exported as a whole, rather than being split (OneTabPerPage gives effectively the same result)
- Some blank rows that would appear in an Excel export are not present in the csv export
- Only tables are exported. Cover page, table of contents, significance summary, user information sheet etc are not included
- Cell comments are not exported

5. Cell Values Data File Export

Table data will be exported to a single text file (as specified by the user). Formatting is not applicable.

The exported file will contain either:

- One line of data **per cell** in each table (a cell is an intersection between a break and a side element)

  OR (depending on Options)

- One line of data **per cell value** in each table (count, %, sig test results etc)

Each line of exported data also includes information about the table, axis and element (e.g. table name, axis label, element type etc).

5.1 Exported Columns

Column Name	Data Type	Example of Data	Comments
TableName	String	T1	
TableTitle	String	Q1 What is your overall opinion of the product?	
BaseText	String	All respondents	
TableOrder	Integer	1	Order of the table within the mtd
TitleHeader	String	My Project	} } } } } Only outputted if } DisplayAnnotations = } true } } } }
LeftHeader	String	Custom text	
CenterHeader	String	Custom text	
RightHeader	String	Custom text	
TitleFooter	String	Custom text	
LeftFooter	String	Custom text	
CenterFooter	String	Custom text	

Column Name	Data Type	Example of Data	Comments
RightFooter	String	Custom text	} }
SideAxisName	String	q1 q2#q1	} } If axes are nested, } each property (name, } label etc) will have } multiple values. These } will be delimited with } whatever is specified } as the DataDelimiter in } the Options file e.g. # }
SideAxisLabel	String	Overall opinion Product size#Overall opinion	
SideElementName	String	Excellent Large#Excellent	
SideElementLabel	String	Excellent (5) Large Box#Excellent (5)	
SideElementTpe	String	Base Category Derived *[etc.]*	The Dimensions element type
SideElementOrder	Integer	1	Order of the element within the side axis
TopAxisName	String	Age Gender#Age	} } If axes are nested, } each property (name, } label etc) will have } multiple values. These } will be delimited with } whatever is specified } as the DataDelimiter in } the Options file e.g. # }
TopAxisLabel	String	Age band Resp's Gender#Age Band	
TopElementName	String	_18to24 male#_18to24	
TopElementLabel	String	18 - 24 Male#18 - 24	
TopElementTpe	String	Base Category Derived *[etc.]*	The Dimensions element type
TopElementOrder	Integer	1	Order of the element within the top axis

Column Name	Data Type	Example of Data	Comments
SigTestID	String	A	Top element identifier used in sig testing
BaseSize	Integer	100	Base size is taken from the first base row in the table i.e. should be unwtd if the tables are weighted. Base size is only outputted for certain table types (simple col %s tables). Warnings will be generated for non-compliant tables.
The below columns will be repeated 'n' times. The value of n is dependent on the export option 'AllValuesOnOneLine' and the particular MTD file that's being exported: If AllValuesOnOneLine = true, n = the maximum number of cell value types (counts, %s, sig test results etc) that ANY table in the set has. E.g. if all tables have counts, column %s and sig test results (only), n = 3. If some tables also have row %s, n = 4. If AllValuesOnOneLine = false, n = 1. Each cell value is exported as a separate line			
CellValueX [where X is an integer from 1-n]	Variant	100 * 50% 1.25 aDe *[etc.]*	*
CellTypeX [where X is an integer from 1-n]	String	Count ColPercent ColPropResults *[etc.]*	The type of data that CellValueX is according to Dimensions*

*** Some important notes on CellValueX and CellTypeX:**

- Since the number and type of cell value items may differ between tables, if AllValuesOnOneLine = true then a particular type of data e.g. ColPropResults will not necessarily appear in the same column for each table e.g. ColPropResults may be in the CellValue3 column for one table, and in the CellValue4 column for another table

- The CellType may not reliably describe the data that's in the cell e.g. for a table showing just column %s, CellType1 could be ColPercent but the data will be counts if it is a base row, mean scores if it's a mean score row etc. The CellType is specified in the MTD file, and is exported unedited by the DTE program

5.2 Delimiters & Text Qualifiers

These are specified in the Options file.

The **ColumnDelimiter** is used BETWEEN columns of data in the output file. It will commonly be a tab or a comma.

e.g. `My table name,My table title`

TextQualifier is optional. If it is specified, it is placed around any data that contains the ColumnDelimiter, as is normal practice. The text qualifier will commonly be a double-quote (").

e.g. `Table name,"My table title, has a comma"`

If the data already contains the TextQualifier, an additional adjacent TextQualifier will be added, as is normal practice:

e.g. `Table name,"My table title, has a comma and also a ""double-quote"""`

If the TextQualifier is empty, any instances of the ColumnDelimiter in text will be replaced with a space character. This is to prevent data slipping into the wrong columns in the output file. This event is written to the log file as a warning.

e.g. `Table name,My table title has a comma but the TextQualifier was empty`

The **DataDelimiter** is used WITHIN certain columns of data to delimit nested side and top axis information (see Exported Columns section).

e.g. `Gender#Number of products purchased` *[where # is the DataDelimiter]*

If text already contains the DataDelimiter, the delimiter is replaced with a space character. This event is written to the log file as a warning.

e.g. If text is "# of products purchased", the output will be:

`Gender# of products purchased` *[where # is the DataDelimiter]*

This logic applies to the following columns only: TopAxisName, TopAxisLabel, TopElementName, TopElementLabel, SideAxisName, SideAxisLabel, SideElementName, SideElementLabel. If the DataDelimiter is present in other columns, it will **not** be replaced.

6. WebTabs Files Export

WebTabs is an online table-viewer program developed by UK Development Services. View the demo or contact development.services.uk@tnsglobal.com for more information.

This export type produces a single zip file containing:

- One WebTabs xml file per table
- The WebtabsData.js file that describes how the tables are classified, and is used by the WebTabs application to allow the user to select the table they want to view

6.1 Supported tables

Not all tables are suitable to view in WebTabs e.g. if axes are nested. Generally, DTE will ignore these tables and log a warning message. However, any unusual or complicated tables should be double-checked in the WebTabs application before release.

This export type relies on the CellType specified in the mtd file to reliably describe the type of values in the table, which it doesn't in all cases *(search for "The CellType may not reliably describe the data" in this document)*. For this reason, please also double-check (in the WebTabs application) any tables that do not show absolute figures e.g. %s only, mean score summaries etc.

7. Log File

A new tab-delimited log file will be created each time the application is run. It will be created in the same folder as the MTD file, with the filename:
DTE_Log_[MTDFileName]_[yyyymmddhhmmss].txt
where [MTDFileName] is the name of the MTD file and [yyyymmddhhmmss] is a timestamp based on the process start time

The log file will contain a header row with the following labels:

- Date
- MsgType (Info, Warning or Error)
- Stage [in the process]
- Message

The log file will contain:

- Any error messages encountered during the running of the export
- Information about the run e.g. what time it started and ended; number of tables processed etc
- If a new version of the DTE is available
- The command line that can be used to re-run the export
- Other miscellaneous warning / information messages e.g. tables that have been ignored as they have no visible elements

8. Checking for Application Updates

When the application is run, it will check whether a newer version of the DTE application is available. If so, it will report this in the log file and in a message box if running from the GUI (form).

9. Appendix A - Default Option Settings

9.1 Excel Tables Export

Option Name	Default Value	Description of Option
Template		
TemplateFilePath	} } [points to a } TNS-branded } template } installed with } the application] }	Full or relative path and filename of the Excel file that contains the templates for the exported table set
TemplateSheetName		Name of the sheet in the above file that should be used as the template for each table
TableOfContentsSheetName		Name of the sheet in the above file that should be used as the template for the table of contents. Leave blank if not required
CoverSheetName	[none]	Name of the sheet in the above file that should be used as the template for the cover sheet. Leave blank if not required
SigSummarySheetName	[none]	Name of the sheet in the above file that should be used as the template for the significance summary sheet. Leave blank if not required
Display options		
SuppressBlankTables	False	Whether to ignore (do not write out) unpopulated tables and tables with a base size of zero. These tables are logged in the User Info sheet. TRUE or FALSE
DisplayAnnotations	True	Whether to show annotation text, positioned as per the markers in the template. TRUE or FALSE
RetainLineFeedsInAnnotations	False	Whether to start a new line when a new line or tag is encountered in annotation text (as opposed to removing the tag). TRUE or FALSE. If TRUE, the annotation cells in the template should be set up with wrapped text, else the line breaks will not show
BaseTitleAnnotation	LeftHeader	Which annotation has the base text in it. Select requirement from dropdown list

Option Name	Default Value	Description of Option
BaseTextRegEx		A valid regular expression to extract the base text from the annotation text e.g. "Base: (.*)". This will return the text from the first matched group (if any); otherwise the matched text. If no match, defaults to full annotation text. Optional: if blank, text after the first tag in BaseTitleAnnotation is used; if no tag, the full BaseTitleAnnotation text is used
UseElementLabels	True	Whether to display element labels (e.g. "What is your age?") as opposed to element names (e.g. "age"). TRUE or FALSE
UseVariableLabels	True	Whether to display variable labels (e.g. ">60") as opposed to element names (e.g. "over60"). TRUE or FALSE
HideBaseElements	False	Whether to not write out base rows/columns (those element objects where the Type attribute is "UnweightedBase" or "Base" or "EffectiveBase"). TRUE or FALSE
RemovePercentSigns	False	Whether to remove all % signs from the table figures. TRUE or FALSE
ShowZerosForZeroSymbols	False	Whether to display a zero (0) instead of the standard zero symbols '-' and '*'. TRUE or FALSE
AllowCellMerges	True	Whether to allow cells to be merged (e.g. break headers merged across their elements). NB: any merged cells in the template will be retained, regardless of the value of this option. TRUE or FALSE
Significance testing options		
SigDiffDisplay	SeparateCell	How to display the significant differences (if any) in the tables. Select requirement from dropdown list
SigDiffCommentHeader	[blank]	Text to show at the top of each significant difference comment. Optional, and only applicable if SigDiffDisplay = AsComment
SigTestingAnnotation	[blank]	Which annotation has the description of the significance testing in. Select requirement from dropdown list. Optional; only applicable if SigDiffDisplay = AsComment
SigTestingHeader	[blank]	Text to show in the cell that the SigTestingAnnotation is outputted to (the actual content of the annotation will be shown as a comment). Optional; only required if SigDiffDisplay = AsComment and the description of the sig testing is required to be outputted as a comment

Option Name	Default Value	Description of Option
Pagination		
PaginateLargeTables	DownThenAcross	**DownThenAcross** - Split tables that don't fit onto one template page [sheet] across multiple pages. Write out all rows, then all breaks. **AcrossThenDown** - As above, but write out all breaks, then all rows. **OneTabPerPage** / **AllTabsOnOnePage** - self-explanatory. Note these will not print nicely. **OnePagePerCellItem** - Exports figures for each cell item (Count, ColPercent etc) to a separate sheet. All tables are exported to each sheet. Please read the User Documentation to ensure that you understand exactly how this export works Select requirement from dropdown list
ShowUnwtdBaseOnPaginatedTables	False	Controls which base elements are shown on subsequent pages when a table is weighted and split across multiple pages. FALSE shows just the weighted base on page 2 onwards; TRUE shows both weighted and unweighted bases
SideContinuationText	"Continues to next page"	Text to show on tables where side elements are split across multiple pages. The text will be positioned as per the template marker #SideContinuationText#
Space allocated to break & side elements		
NumRowsForTopBreakLeafHeaders	2	Number of rows to allocate to the top-break headers (e.g. "Gender"). Increase to provide more vertical space for text. NB: this applies only to the bottom-most headers if the axis is nested
NumRowsForTopBreakLeafElements	3	As per above, but for top-break elements (e.g. "Male", "Female")
MaxColsForEachTopElement	3	Columns will be automatically expanded to accommodate long top-break element text. Specify the maximum number of standard column widths that may be used for each element
NumColsForSideBreakLeafElements	2	Number of columns to allocate to the side-axis elements (e.g. "Male", "Female"). Increase to provide more horizontal space for text. NB: this applies only to the bottom-most elements if the axis is nested
MaxRowsForEachSideElement	6	Rows will be automatically expanded to accommodate long side-axis element text. Specify the maximum number of standard row heights that may be used for each element

Option Name	Default Value	Description of Option
FlagLongTextPessimisityInMillimetres	0	DTE flags up text that may be too long to show in a cell. This is an approximate calculation, and so some instances may be missed. If you want this calculation to be more pessimistic, set a value (X) here and the calculation will assume that cells are X millimetres smaller than they actually are
Output workbook		
UseExcelStyles	False	Not yet supported
WorksheetProtection	False	Whether to lock all cells and protect the sheets in the outputted workbook . TRUE or FALSE
WorksheetProtectionPassword	[none]	Password to use if WorksheetProtection=TRUE. Leave blank if no password required

9.2 Cell Values Data File Export

Option Name	Default Value	
Display options		
SuppressBlankTables	False	Whether to ignore (do not write out) unpopulated tables and tables with a base size of zero. These tables are logged in the User Info sheet. TRUE or FALSE
DisplayAnnotations	False	Whether to include annotation text in the output file. TRUE or FALSE
HideBaseElements	False	Whether to not write out base rows/columns (those element objects where the Type attribute is "UnweightedBase" or "Base" or "EffectiveBase"). TRUE or FALSE
BaseTitleAnnotation	LeftHeader	Which annotation has the base text in it. Select requirement from dropdown list

Option Name	Default Value	
BaseTextRegEx		A valid regular expression to extract the base text from the annotation text e.g. "Base: (.*)". This will return the text from the first matched group (if any); otherwise the matched text. If no match, defaults to full annotation text. Optional: if blank, text after the first tag in BaseTitleAnnotation is used; if no tag, the full BaseTitleAnnotation text is used
RemovePercentSigns	False	Whether to remove all % signs from the table figures. TRUE or FALSE
ShowZerosForZeroSymbols	False	Whether to display a zero (0) instead of the standard zero symbols '-' and '*'. TRUE or FALSE
Output file format		
ColumnDelimiter	\t [tab]	Delimiter to use BETWEEN columns of data in the output file. Must be a single character (or specify "\t" for a tab character). Required.
DataDelimiter	|	Delimiter to use WITHIN columns of data in the output file e.g. to delimit info about nested axes. Must be a single character (or specify "\t" for a tab character). Required
TextQualifier	"	Text qualifier to use around text that contains the ColumnDelimiter. Must be a single character (or specify "\t" for a tab character). Optional
AllValuesOnOneLine	True	Whether to export all cell values to a single row, or export a separate row for each cell value

9.3 WebTabs Files Export

Option Name	Default Value	
Display options		
SuppressBlankTables	False	Whether to ignore (do not write out) unpopulated tables and tables with a base size of zero. These tables are logged in the User Info sheet. TRUE or FALSE
BaseTitleAnnotation	LeftHeader	Which annotation has the base text in it. Select requirement from dropdown list
BaseTextRegEx		A valid regular expression to extract the base text from the annotation text e.g. "Base: (.*)". This will return the text from the first matched group (if any); otherwise the matched text. If no match, defaults to full annotation text. Optional: if blank, text after the first tag in BaseTitleAnnotation is used; if no tag, the full BaseTitleAnnotation text is used
HideBaseElements	False	Whether to not write out base rows/columns (those element objects where the Type attribute is "UnweightedBase" or "Base" or "EffectiveBase"). TRUE or FALSE
RemovePercentSigns	False	Whether to remove all % signs from the table figures. TRUE or FALSE
ShowZerosForZeroSymbols	False	Whether to display a zero (0) instead of the standard zero symbols '-' and '*'. TRUE or FALSE
WebTabs application setttings		
ProjectID	0	Unique WebTabs ID of the project (will be used in xml filenames)
WaveNumber	0	Wave number (will be used in xml filenames)
WaveName	Wave 0	Wave name (will appear in WebTabs front end)
FilterIDs	filter|break|question	Filters allow the WebTabs user to select the table they want to view. Each required filter should be given an ID. Specify a pipe-delimited (|) list of these IDs here, in the order that you want them to be used in the xml filenames

Option Name	Default Value	
FilterLabels	Filter|Break|Question	Descriptions of the filters to be used in the WebTabs front end. Pipe-delimited (|) list in the same order as the FilterIDs
FilterSources	BaseTitle|TopAxisLabel|TableTitle	Where in the MTD file the filter information for each table is held. Could be a particular annotation e.g. LeftHeader; or TableTitle, BaseTitle or TopAxisLabel. Pipe-delimited (|) list in the same order as the FilterIDs
HeaderSources		Pipe-delimited (|) list of any Annotations to be included as headers in the exported tables. TopAxisLabel also permitted. Table title and base will automatically appear, so do not need to be included here
FooterSources		Pipe-delimited (|) list of any Annotations to be included as footers in the exported tables. TableTitle, BaseTitle and TopAxisLabel also permitted
PleaseSelectText	-- Please select --	The text to be shown in the WebTabs front end where user input is required e.g. the default label for dropdown lists

Note you will need to print this section in colour to see the ranges (red borders)

10. Appendix B - Formatting Ranges for Excel Tables

10.1 TopBreakHeading & SideBreakHeading

EXAMPLES - 99999999

Standard table
Base: Total

Example of a TopBreakHeading

Example of a SideBreakHeading

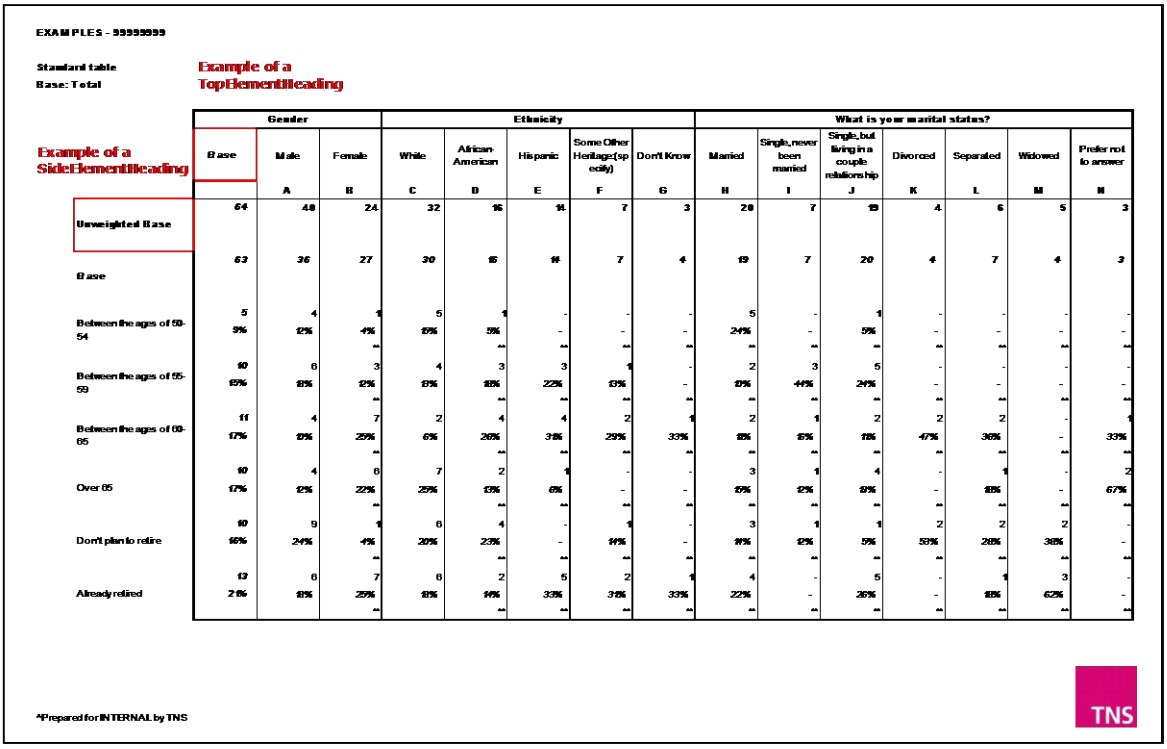
	Gender			Ethnicity					What is your marital status?						
	Base	Male	Female	White	African-American	Hispanic	Some Other Heritage(specify)	Don't Know	Married	Single, never been married	Single, but living in a couple relationship	Divorced	Separated	Widowed	Prefer not to answer
		A	B	C	D	E	F	G	H	I	J	K	L	M	N
Unweighted Base	64	40	24	32	16	14	7	3	20	7	19	4	6	5	3
Base	63	36	27	30	15	14	7	4	19	7	20	4	7	4	3
Between the ages of 50-54	5 9%	4 12%	1 4%	5 17%	1 5%	- -	- -	- -	5 24%	- -	1 5%	- -	- -	- -	- -
Between the ages of 55-59	10 15%	6 16%	3 12%	4 13%	3 18%	3 22%	1 13%	- -	2 10%	3 44%	5 24%	- -	- -	- -	- -
Between the ages of 60-65	11 17%	4 10%	7 25%	2 6%	4 26%	4 31%	2 29%	1 33%	2 10%	1 15%	2 10%	2 47%	2 36%	- -	1 33%
Over 65	10 17%	4 12%	6 22%	7 25%	2 13%	1 6%	- -	- -	3 15%	1 12%	4 19%	- -	1 18%	- -	2 67%
Don't plan to retire	10 16%	9 24%	1 4%	6 20%	4 23%	- -	1 14%	- -	3 16%	1 12%	1 5%	2 53%	2 28%	2 38%	- -
Already retired	13 21%	8 21%	7 25%	6 21%	2 14%	5 33%	2 31%	1 33%	4 22%	- -	5 26%	- -	1 18%	3 62%	- -

*Prepared for INTERNAL by TNS

TNS

Note you will need to print this section in colour to see the ranges (red borders)

10.2 TopElementHeading & SideElementHeading



EXAMPLES - 99999999

Standard table
Base: Total

Example of a TopElementHeading

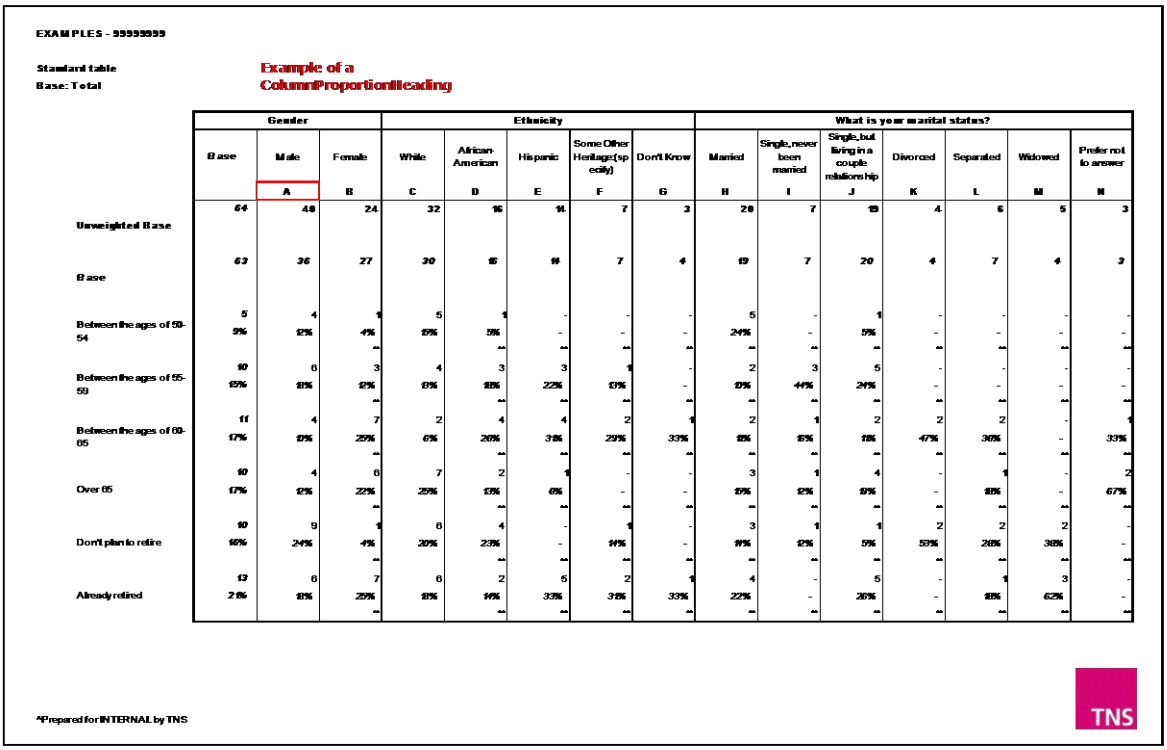
Example of a SideElementHeading

	Base	Gender		Ethnicity					What is your marital status?						
		Male	Female	White	African-American	Hispanic	Some Other Heritage(specify)	Don't Know	Married	Single, never been married	Single, but living in a couple relationship	Divorced	Separated	Widowed	Prefer not to answer
		A	B	C	D	E	F	G	H	I	J	K	L	M	N
Unweighted Base	64	40	24	32	16	14	7	3	20	7	19	4	6	5	3
Base	63	36	27	30	15	14	7	4	19	7	20	4	7	4	3
Between the ages of 50-54	5 8%	4 12%	1 4%	5 17%	1 7%	- -	- -	- -	5 26%	- -	1 5%	- -	- -	- -	- -
Between the ages of 55-59	10 15%	6 17%	3 12%	4 13%	3 20%	3 21%	1 14%	- -	2 11%	3 43%	5 25%	- -	- -	- -	- -
Between the ages of 60-65	11 17%	4 11%	7 26%	2 7%	4 27%	4 29%	2 29%	1 33%	2 11%	1 14%	2 11%	2 50%	2 29%	- -	1 33%
Over 65	10 16%	4 11%	6 22%	7 23%	2 13%	1 7%	- -	- -	3 16%	1 14%	4 20%	- -	1 14%	- -	2 67%
Don't plan to retire	10 16%	9 25%	1 4%	6 20%	4 27%	- -	1 14%	- -	3 16%	1 14%	1 5%	2 50%	2 29%	2 50%	- -
Already retired	17 27%	6 17%	7 26%	6 20%	2 13%	5 36%	2 29%	1 33%	4 21%	- -	5 26%	- -	1 14%	3 75%	- -

*Prepared for INTERNAL by TNS

TNS

10.3 ColumnProportionHeading



EXAMPLES - 99999999

Standard table
Base: Total

Example of a ColumnProportionHeading

	Base	Gender		Ethnicity					What is your marital status?						
		Male	Female	White	African-American	Hispanic	Some Other Heritage(specify)	Don't Know	Married	Single, never been married	Single, but living in a couple relationship	Divorced	Separated	Widowed	Prefer not to answer
		A	B	C	D	E	F	G	H	I	J	K	L	M	N
Unweighted Base	64	40	24	32	16	14	7	3	20	7	19	4	6	5	3
Base	63	36	27	30	15	14	7	4	19	7	20	4	7	4	3
Between the ages of 50-54	5 8%	4 12%	1 4%	5 17%	1 7%	- -	- -	- -	5 26%	- -	1 5%	- -	- -	- -	- -
Between the ages of 55-59	10 15%	6 17%	3 12%	4 13%	3 20%	3 21%	1 14%	- -	2 11%	3 43%	5 25%	- -	- -	- -	- -
Between the ages of 60-65	11 17%	4 11%	7 26%	2 7%	4 27%	4 29%	2 29%	1 33%	2 11%	1 14%	2 11%	2 50%	2 29%	- -	1 33%
Over 65	10 16%	4 11%	6 22%	7 23%	2 13%	1 7%	- -	- -	3 16%	1 14%	4 20%	- -	1 14%	- -	2 67%
Don't plan to retire	10 16%	9 25%	1 4%	6 20%	4 27%	- -	1 14%	- -	3 16%	1 14%	1 5%	2 50%	2 29%	2 50%	- -
Already retired	17 27%	6 17%	7 26%	6 20%	2 13%	5 36%	2 29%	1 33%	4 21%	- -	5 26%	- -	1 14%	3 75%	- -

*Prepared for INTERNAL by TNS

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Note you will need to print this section in colour to see the ranges (red borders)

10.4 TopElementAndColPropHeadingGroup

EXAMPLES - 99999999

Standard table
Base: Total

Example of a TopElementAndColPropHeadingGroup

	Gender			Ethnicity					What is your marital status?						
	Base	Male	Female	White	African-American	Hispanic	Some Other Heritage(specify)	Don't Know	Married	Single, never been married	Single, but living in a couple relationship	Divorced	Separated	Widowed	Prefer not to answer
		A	B	C	D	E	F	G	H	I	J	K	L	M	N
Unweighted Base	64	40	24	32	16	14	7	3	20	7	19	4	6	5	3
Base	63	36	27	30	15	14	7	4	19	7	20	4	7	4	3
Between the ages of 50-54	5 8%	4 12%	1 4%	5 17%	1 7%	- -	- -	- -	5 26%	- -	1 5%	- -	- -	- -	- -
Between the ages of 55-59	10 15%	6 17%	3 12%	4 13%	3 20%	3 21%	1 14%	- -	2 11%	3 43%	5 25%	- -	- -	- -	- -
Between the ages of 60-65	11 17%	4 11%	7 26%	2 7%	4 27%	4 29%	2 29%	1 33%	2 11%	1 14%	2 10%	2 50%	2 29%	- -	1 33%
Over 65	10 16%	4 11%	6 22%	7 23%	2 13%	1 7%	- -	- -	3 16%	1 14%	4 20%	- -	1 14%	- -	2 67%
Don't plan to retire	10 16%	9 25%	1 4%	6 20%	4 27%	- -	1 14%	- -	3 16%	1 14%	1 5%	2 50%	2 29%	2 50%	- -
Already retired	12 19%	6 17%	7 26%	6 20%	2 13%	5 36%	2 29%	1 33%	4 21%	- -	5 25%	- -	1 14%	3 75%	- -

*Prepared for INTERNAL by TNS

10.5 TopBreakGroup

EXAMPLES - 99999999

Standard table
Base: Total

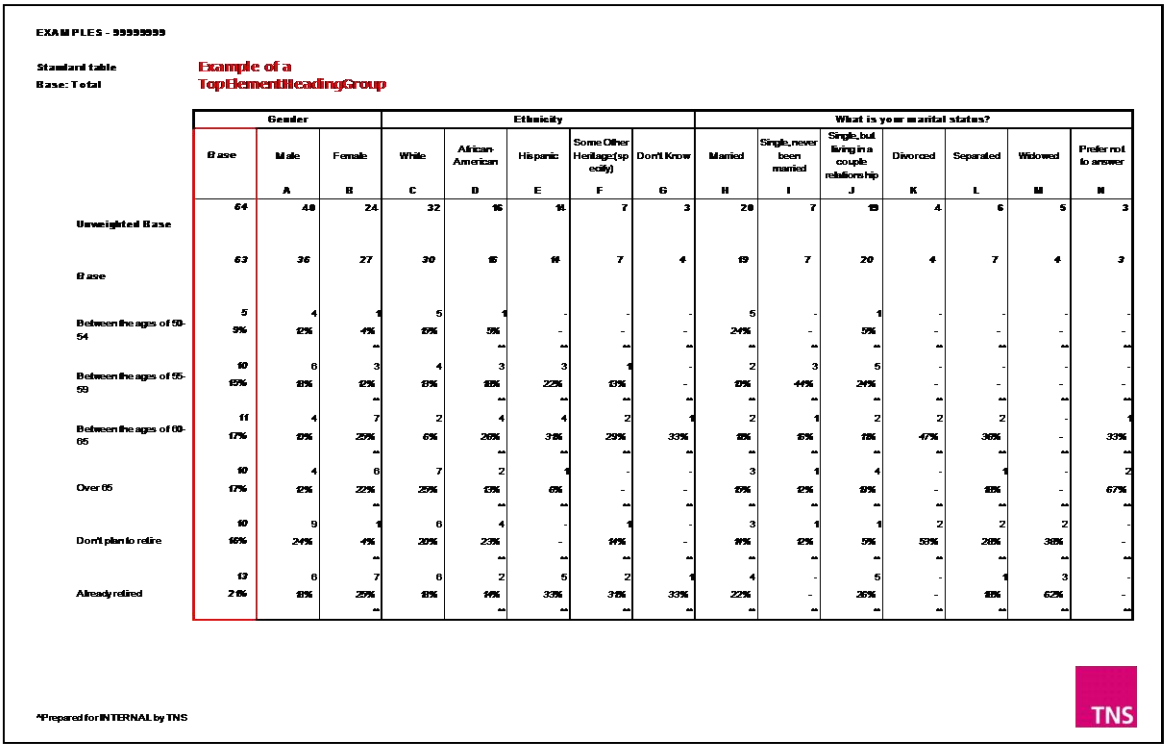
Example of a TopBreakGroup

	Gender			Ethnicity					What is your marital status?						
	Base	Male	Female	White	African-American	Hispanic	Some Other Heritage(specify)	Don't Know	Married	Single, never been married	Single, but living in a couple relationship	Divorced	Separated	Widowed	Prefer not to answer
		A	B	C	D	E	F	G	H	I	J	K	L	M	N
Unweighted Base	64	40	24	32	16	14	7	3	20	7	19	4	6	5	3
Base	63	36	27	30	15	14	7	4	19	7	20	4	7	4	3
Between the ages of 50-54	5 8%	4 12%	1 4%	5 17%	1 7%	- -	- -	- -	5 26%	- -	1 5%	- -	- -	- -	- -
Between the ages of 55-59	10 15%	6 17%	3 12%	4 13%	3 20%	3 21%	1 14%	- -	2 11%	3 43%	5 25%	- -	- -	- -	- -
Between the ages of 60-65	11 17%	4 11%	7 26%	2 7%	4 27%	4 29%	2 29%	1 33%	2 11%	1 14%	2 10%	2 50%	2 29%	- -	1 33%
Over 65	10 16%	4 11%	6 22%	7 23%	2 13%	1 7%	- -	- -	3 16%	1 14%	4 20%	- -	1 14%	- -	2 67%
Don't plan to retire	10 16%	9 25%	1 4%	6 20%	4 27%	- -	1 14%	- -	3 16%	1 14%	1 5%	2 50%	2 29%	2 50%	- -
Already retired	12 19%	6 17%	7 26%	6 20%	2 13%	5 36%	2 29%	1 33%	4 21%	- -	5 25%	- -	1 14%	3 75%	- -

*Prepared for INTERNAL by TNS

Note you will need to print this section in colour to see the ranges (red borders)

10.6 TopElementHeadingGroup



EXAMPLES - 99999999

Standard table
Base: Total

Example of a TopElementHeadingGroup

	Gender			Ethnicity					What is your marital status?						
	Base	Male	Female	White	African-American	Hispanic	Some Other Heritage(specify)	Don't Know	Married	Single, never been married	Single, but living in a couple relationship	Divorced	Separated	Widowed	Prefer not to answer
		A	B	C	D	E	F	G	H	I	J	K	L	M	N
Unweighted Base	64	40	24	32	16	14	7	3	28	7	19	4	6	5	3
Base	63	36	27	30	15	14	7	4	19	7	20	4	7	4	3
Between the ages of 50-54	5 8%	4 12%	1 4%	5 17%	1 7%	- -	- -	- -	5 26%	- -	1 5%	- -	- -	- -	- -
Between the ages of 55-59	10 15%	6 17%	3 12%	4 13%	3 20%	3 21%	1 14%	- -	2 11%	3 43%	5 25%	- -	- -	- -	- -
Between the ages of 60-65	11 17%	4 11%	7 26%	2 7%	4 27%	4 29%	2 29%	1 33%	2 11%	1 14%	2 11%	2 50%	2 29%	- -	1 33%
Over 65	10 16%	4 11%	6 22%	7 23%	2 13%	1 7%	- -	- -	3 16%	1 14%	4 20%	- -	1 14%	- -	2 67%
Don't plan to retire	10 16%	9 25%	1 4%	6 20%	4 27%	- -	1 14%	- -	3 16%	1 14%	1 5%	2 50%	2 29%	2 50%	- -
Already retired	17 27%	6 17%	7 26%	6 20%	2 13%	5 36%	2 29%	1 33%	4 21%	- -	5 26%	- -	1 14%	3 75%	- -

*Prepared for INTERNAL by TNS

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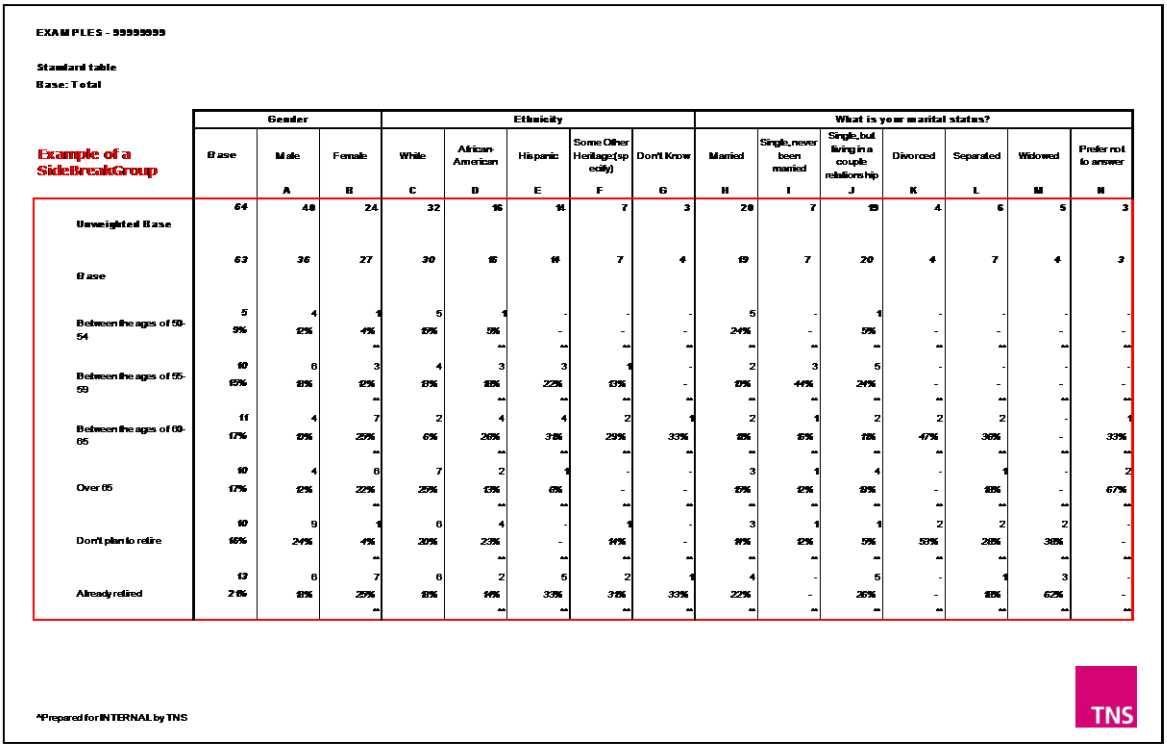
Note you will need to print this section in colour to see the ranges (red borders)

10.7 SideBreakGroup



EXAMPLES - 99999999

Standard table
Base: Total

Example of a SideBreakGroup		Gender			Ethnicity					What is your marital status?							
	Base	Male	Female	White	African-American	Hispanic	Some Other Heritage(specify)	Don't Know	Married	Single, never been married	Single, but living in a couple relationship	Divorced	Separated	Widowed	Prefer not to answer
		A	B	C	D	E	F	G	H	I	J	K	L	M	N
Unweighted Base	64	40	24	32	16	14	7	3	20	7	19	4	6	5	3
Base	63	36	27	30	15	14	7	4	19	7	20	4	7	4	3
Between the ages of 50-54	5 8%	4 12%	1 4%	5 17%	1 7%	- -	- -	- -	5 26%	- -	1 5%	- -	- -	- -	- -
Between the ages of 55-59	10 16%	6 17%	3 11%	4 13%	3 20%	3 21%	1 14%	- -	2 11%	3 43%	5 25%	- -	- -	- -	- -
Between the ages of 60-65	11 17%	4 11%	7 26%	2 7%	4 27%	4 29%	2 29%	1 25%	2 11%	1 14%	2 10%	2 50%	2 29%	- -	1 33%
Over 65	10 16%	4 11%	6 22%	7 23%	2 13%	1 7%	- -	- -	3 16%	1 14%	4 20%	- -	1 14%	- -	2 67%
Don't plan to retire	10 16%	9 24%	1 4%	6 20%	4 27%	- -	1 14%	- -	3 16%	1 14%	1 5%	2 50%	2 29%	2 38%	- -
Already retired	13 21%	6 17%	7 26%	6 20%	2 13%	5 36%	2 29%	1 25%	4 21%	- -	5 26%	- -	1 14%	3 75%	- -

*Prepared for INTERNAL by TNS

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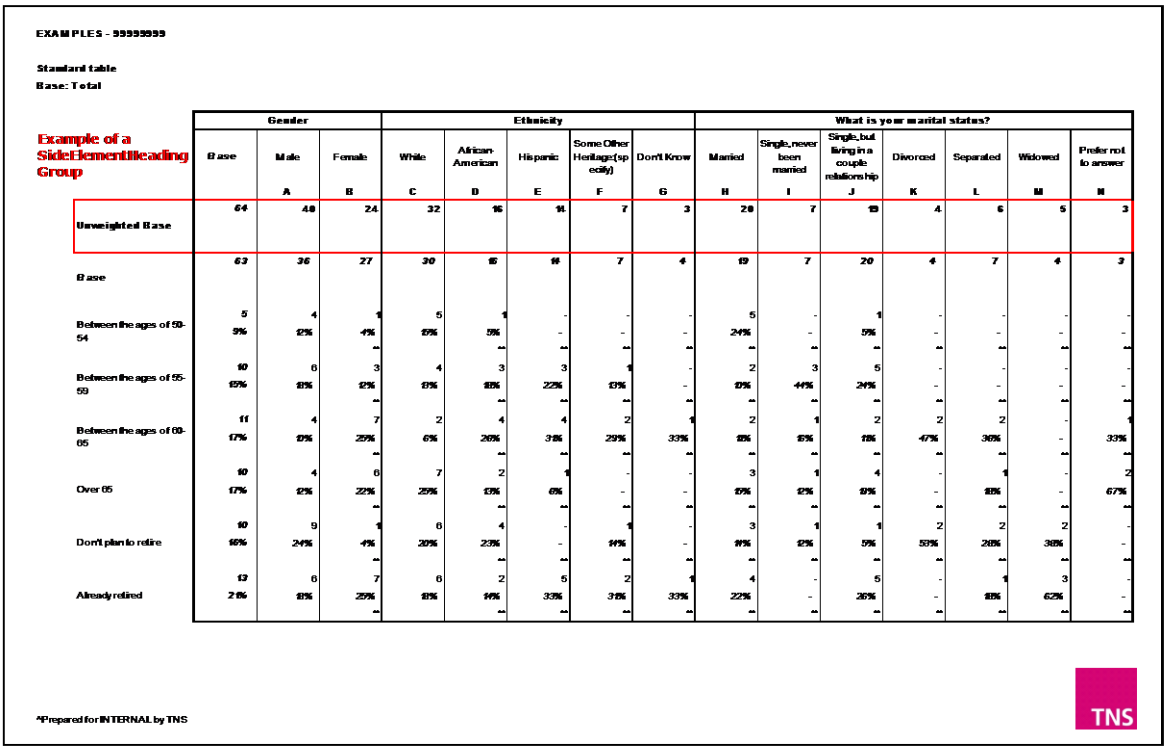
10.8 SideElementHeadingGroup



EXAMPLES - 99999999

Standard table
Base: Total

Example of a SideElementHeadingGroup		Gender			Ethnicity					What is your marital status?							
	Base	Male	Female	White	African-American	Hispanic	Some Other Heritage(specify)	Don't Know	Married	Single, never been married	Single, but living in a couple relationship	Divorced	Separated	Widowed	Prefer not to answer
		A	B	C	D	E	F	G	H	I	J	K	L	M	N
Unweighted Base	64	40	24	32	16	14	7	3	20	7	19	4	6	5	3
Base	63	36	27	30	15	14	7	4	19	7	20	4	7	4	3
Between the ages of 50-54	5 8%	4 12%	1 4%	5 17%	1 7%	- -	- -	- -	5 26%	- -	1 5%	- -	- -	- -	- -
Between the ages of 55-59	10 16%	6 17%	3 11%	4 13%	3 20%	3 21%	1 14%	- -	2 11%	3 43%	5 25%	- -	- -	- -	- -
Between the ages of 60-65	11 17%	4 11%	7 26%	2 7%	4 27%	4 29%	2 29%	1 25%	2 11%	1 14%	2 10%	2 50%	2 29%	- -	1 33%
Over 65	10 16%	4 11%	6 22%	7 23%	2 13%	1 7%	- -	- -	3 16%	1 14%	4 20%	- -	1 14%	- -	2 67%
Don't plan to retire	10 16%	9 24%	1 4%	6 20%	4 27%	- -	1 14%	- -	3 16%	1 14%	1 5%	2 50%	2 29%	2 38%	- -
Already retired	13 21%	6 17%	7 26%	6 20%	2 13%	5 36%	2 29%	1 25%	4 21%	- -	5 26%	- -	1 14%	3 75%	- -

*Prepared for INTERNAL by TNS

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Note you will need to print this section in colour to see the ranges (red borders)

10.9 UnweightedBaseRow

EXAMPLES - 99999999

Standard table
Base: Total

	Gender			Ethnicity					What is your marital status?						
Unweighted Base	Base	Male	Female	White	African-American	Hispanic	Some Other Heritage(specify)	Don't Know	Married	Single, never been married	Single, but living in a couple relationship	Divorced	Separated	Widowed	Prefer not to answer
		A	B	C	D	E	F	G	H	I	J	K	L	M	N
Unweighted Base	64	40	24	32	16	14	7	3	20	7	19	4	6	5	3
Base	63	36	27	30	15	14	7	4	19	7	20	4	7	4	3
Between the ages of 50-54	5 8%	4 12%	1 4%	5 17%	1 7%	- -	- -	- -	5 26%	- -	1 5%	- -	- -	- -	- -
Between the ages of 55-59	10 16%	6 17%	3 11%	4 13%	3 20%	3 21%	1 14%	- -	2 11%	3 43%	5 25%	- -	- -	- -	- -
Between the ages of 60-65	11 17%	4 11%	7 26%	2 7%	4 27%	4 29%	2 29%	1 25%	2 11%	1 14%	2 10%	2 50%	2 29%	- -	1 33%
Over 65	10 16%	4 11%	6 22%	7 23%	2 13%	1 7%	- -	- -	3 16%	1 14%	4 20%	- -	1 14%	- -	2 67%
Don't plan to retire	10 16%	9 25%	1 4%	6 20%	4 27%	- -	1 14%	- -	3 16%	1 14%	1 5%	2 50%	2 29%	2 50%	- -
Already retired	17 27%	8 22%	7 26%	6 20%	2 13%	5 36%	2 29%	1 25%	4 21%	- -	5 25%	- -	1 14%	3 75%	- -

*Prepared for INTERNAL by TNS

TNS

10.10 BaseRow & BaseCol

EXAMPLES - 99999999

Standard table
Base: Total

Base

	Gender			Ethnicity					What is your marital status?						
	Base	Male	Female	White	African-American	Hispanic	Some Other Heritage(specify)	Don't Know	Married	Single, never been married	Single, but living in a couple relationship	Divorced	Separated	Widowed	Prefer not to answer
		A	B	C	D	E	F	G	H	I	J	K	L	M	N
Unweighted Base	64	40	24	32	16	14	7	3	20	7	19	4	6	5	3
Base	63	36	27	30	15	14	7	4	19	7	20	4	7	4	3
Between the ages of 50-54	5 8%	4 12%	1 4%	5 17%	1 7%	- -	- -	- -	5 26%	- -	1 5%	- -	- -	- -	- -
Between the ages of 55-59	10 16%	6 17%	3 11%	4 13%	3 20%	3 21%	1 14%	- -	2 11%	3 43%	5 25%	- -	- -	- -	- -
Between the ages of 60-65	11 17%	4 11%	7 26%	2 7%	4 27%	4 29%	2 29%	1 25%	2 11%	1 14%	2 10%	2 50%	2 29%	- -	1 33%
Over 65	10 16%	4 11%	6 22%	7 23%	2 13%	1 7%	- -	- -	3 16%	1 14%	4 20%	- -	1 14%	- -	2 67%
Don't plan to retire	10 16%	9 25%	1 4%	6 20%	4 27%	- -	1 14%	- -	3 16%	1 14%	1 5%	2 50%	2 29%	2 50%	- -
Already retired	17 27%	8 22%	7 26%	6 20%	2 13%	5 36%	2 29%	1 25%	4 21%	- -	5 25%	- -	1 14%	3 75%	- -

*Prepared for INTERNAL by TNS

TNS

Note you will need to print this section in colour to see the ranges (red borders)

10.11 AlternateSideElement

EXAMPLES - 99999999

Standard table
Base: Total

	Gender			Ethnicity					What is your marital status?						
	Base	Male	Female	White	African-American	Hispanic	Some Other Heritage(specify)	Don't Know	Married	Single, never been married	Single, but living in a couple relationship	Divorced	Separated	Widowed	Prefer not to answer
		A	B	C	D	E	F	G	H	I	J	K	L	M	N
Unweighted Base	64	40	24	32	16	14	7	3	20	7	19	4	6	5	3
Base	63	36	27	36	16	14	7	4	18	7	26	4	7	4	3
Between the ages of 50-54	5 8%	4 12%	1 4%	5 14%	1 6%	- -	- -	- -	5 28%	- -	1 4%	- -	- -	- -	- -
Between the ages of 55-59	10 15%	6 18%	3 12%	4 11%	3 19%	3 22%	1 13%	- -	2 11%	3 44%	5 19%	- -	- -	- -	- -
Between the ages of 60-65	11 17%	4 11%	7 26%	2 6%	4 25%	4 28%	2 29%	1 33%	2 11%	1 15%	2 8%	2 47%	2 29%	- -	1 33%
Over 65	16 25%	4 11%	6 22%	7 19%	2 13%	1 6%	- -	- -	3 17%	1 15%	4 15%	- -	1 14%	- -	2 67%
Don't plan to retire	16 25%	9 25%	1 4%	6 17%	4 25%	- -	1 14%	- -	3 17%	1 15%	1 4%	2 53%	2 29%	2 40%	- -
Already retired	13 21%	6 17%	7 26%	6 17%	2 14%	5 36%	2 29%	1 33%	4 22%	- -	5 19%	- -	1 14%	3 60%	- -

*Prepared for INTERNAL by TNS

10.12 NetElementHeading & NetRow

EXAMPLES - 99999999

Side Net
Base: Total

		Gender			Ethnicity					What is your marital status?						
		Base	Male	Female	White	African-American	Hispanic	Some Other Heritage(specify)	Don't Know	Married	Single, never been married	Single, but living in a couple relationship	Divorced	Separated	Widowed	Prefer not to answer
			A	B	C	D	E	F	G	H	I	J	K	L	M	N
	Base	153	77	77	67	46	30	20	12	46	15	54	12	12	8	6
Example of NetElement Heading	Alllemonade	129 85%	63 83%	66 87%	57 85%	42 91%	26 87%	15 73%	11 90%	38 84%	13 82%	46 86%	10 84%	11 92%	7 90%	4 65%
	Fizzylemonade	58 38%	23 30%	35 46%	19 28%	18 40%	15 51%	9 44%	10 83%	12 25%	4 23%	23 43%	7 56%	7 59%	4 54%	2 35%
Example of NetRow	Stillemonade	109 71%	57 75%	51 67%	51 77%	35 76%	22 74%	13 62%	6 58%	33 72%	12 77%	39 72%	7 61%	9 75%	5 65%	3 46%

*Prepared for INTERNAL by TNS

Note you will need to print this section in colour to see the ranges (red borders)

10.13 CountCellItem, ColPercentCellItem & ColPropResultsCellItem

EXAMPLES - 99999999 **Examples of CountCellItem ColPercentCellItem ColPropResultsCellItem**

Standard table
Base: Total

	Gender			Ethnicity					What is your marital status?						
	Base	Male	Female	White	African-American	Hispanic	Some Other Heritage(specify)	Don't Know	Married	Single, never been married	Single, but living in a couple relationship	Divorced	Separated	Widowed	Prefer not to answer
		A	B	C	D	E	F	G	H	I	J	K	L	M	N
Unweighted Base	64	40	24	32	16	14	7	3	20	7	19	4	6	5	3
Base	63	36	27	30	15	14	7	4	19	7	20	4	7	4	3
Between the ages of 50-54	5	4	1	5	1	-	-	-	5	-	1	-	-	-	-
	8%	12%	4%	17%	7%	-	-	-	26%	-	5%	-	-	-	-
			**												
Between the ages of 55-59	10	6	3	4	3	3	1	-	2	3	5	-	-	-	-
	16%	17%	12%	13%	20%	22%	13%	-	11%	44%	24%	-	-	-	-
Between the ages of 60-65	11	4	7	2	4	4	2	1	2	1	2	2	2	-	1
	17%	11%	25%	6%	26%	31%	29%	33%	11%	15%	11%	47%	36%	-	33%
			**												
Over 65	10	4	6	7	2	1	-	-	3	1	4	-	1	-	2
	17%	12%	22%	25%	13%	6%	-	-	16%	12%	19%	-	18%	-	67%
			**												
Don't plan to retire	10	9	1	8	4	-	1	-	3	1	1	2	2	2	-
	16%	24%	4%	26%	27%	-	14%	-	16%	12%	5%	53%	28%	38%	-
			**												
Already retired	13	8	7	8	2	5	2	1	4	-	5	-	1	3	-
	21%	21%	25%	27%	14%	33%	31%	33%	22%	-	26%	-	18%	62%	-
			**												

*Prepared for INTERNAL by TNS

Note you will need to print this section in colour to see the ranges (red borders)

10.14 Table

EXAMPLES - 99999999

Standard table
Base: Total

Table

	Gender			Ethnicity					What is your marital status?						
	Base	Male	Female	White	African-American	Hispanic	Some Other Heritage(specify)	Don't Know	Married	Single, never been married	Single, but living in a couple relationship	Divorced	Separated	Widowed	Prefer not to answer
		A	B	C	D	E	F	G	H	I	J	K	L	M	N
Unweighted Base	64	40	24	32	16	14	7	3	20	7	19	4	6	5	3
Base	63	36	27	30	15	14	7	4	19	7	20	4	7	4	3
Between the ages of 50-54	5 8%	4 12%	1 4%	5 17%	1 8%	- -	- -	- -	5 26%	- -	1 5%	- -	- -	- -	- -
Between the ages of 55-59	10 15%	6 18%	3 12%	4 13%	3 22%	3 22%	1 13%	- -	2 11%	3 44%	5 24%	- -	- -	- -	- -
Between the ages of 60-65	11 17%	4 12%	7 25%	2 6%	4 26%	4 31%	2 29%	1 33%	2 11%	1 15%	2 11%	2 47%	2 36%	- -	1 33%
Over 65	10 17%	4 12%	6 22%	7 25%	2 13%	1 8%	- -	- -	3 17%	1 12%	4 19%	- -	1 18%	- -	2 67%
Don't plan to retire	10 16%	9 24%	1 4%	6 20%	4 23%	- -	1 14%	- -	3 14%	1 12%	1 5%	2 53%	2 28%	2 38%	- -
Already retired	13 21%	6 18%	7 25%	6 18%	2 14%	5 33%	2 31%	1 33%	4 22%	- -	5 26%	- -	1 18%	3 62%	- -

*Prepared for INTERNAL by TNS

TNS