Graphs

mPDF can generate graphs from table data. This requires the **JPGraph** program, which is an open-source PHP library available from http://www.aditus.nu/jpgraph/

Graphs have only been tested with the PHP5 version of JPGraph.

Installation
JPGraph needs to be installed on your server. Follow the instructions for installing JPGraph, including configuring the script to access the TTF fonts necessary to produce JPGraphs.

> **Note:** Check that you have a subfolder in your /mpdf/ folder named /graph_cache/ and make sure it is writeable.

Using Graphs in mPDF
See the example below. The table containing data must precede the graph. Nested tables will be ignored.

Example #1

```php
<?php

include("../mpdf.php");

// This must be defined before including mpdf.php file
define("_JPGRAPH_PATH", '../../jpgraph_5/src/');

// Change these if necessary to the name of font files you can access from JPGraph
define("_TTF_FONT_NORMAL", 'arial.ttf');
define("_TTF_FONT_BOLD", 'arialbd.ttf');

$mpdf=new mPDF();

// This must be set to allow mPDF to parse table data
$mpdf->useGraphs = true;

$html = '
<table id="tbl_1"><tbody>
<tr><td></td><td><b>Female</b></td><td><b>Male</b></td></tr>
<tr><td>35 - 44</td><td><b>4</b></td><td><b>2</b></td></tr>
<tr><td>45 - 54</td><td><b>5</b></td><td><b>7</b></td></tr>
<tr><td>55 - 64</td><td><b>21</b></td><td><b>18</b></td></tr>
<tr><td>65 - 74</td><td><b>11</b></td><td><b>14</b></td></tr>
<tr><td>75 - 84</td><td><b>10</b></td><td><b>10</b></td></tr>
<tr><td>85 - 94</td><td><b>2</b></td><td><b>1</b></td></tr>
<tr><td>95 - 104</td><td><b>1</b></td><td><b></b></td></tr>
<tr><td>TOTAL</td><td>54</td><td>52</td></tr>
</tbody></table>

<jpgraph table="tbl_1" type="bar" title="New subscriptions" label-y="% patients" label-x="Age group"
series="cols" data-row-end="-1" show-values="1" width="600" legend-overlap="1" hide-grid="1" hide-y-
axis="1" />
';

$mpdf->WriteHTML($html);
$mpdf->Output();
exit;

?>
```
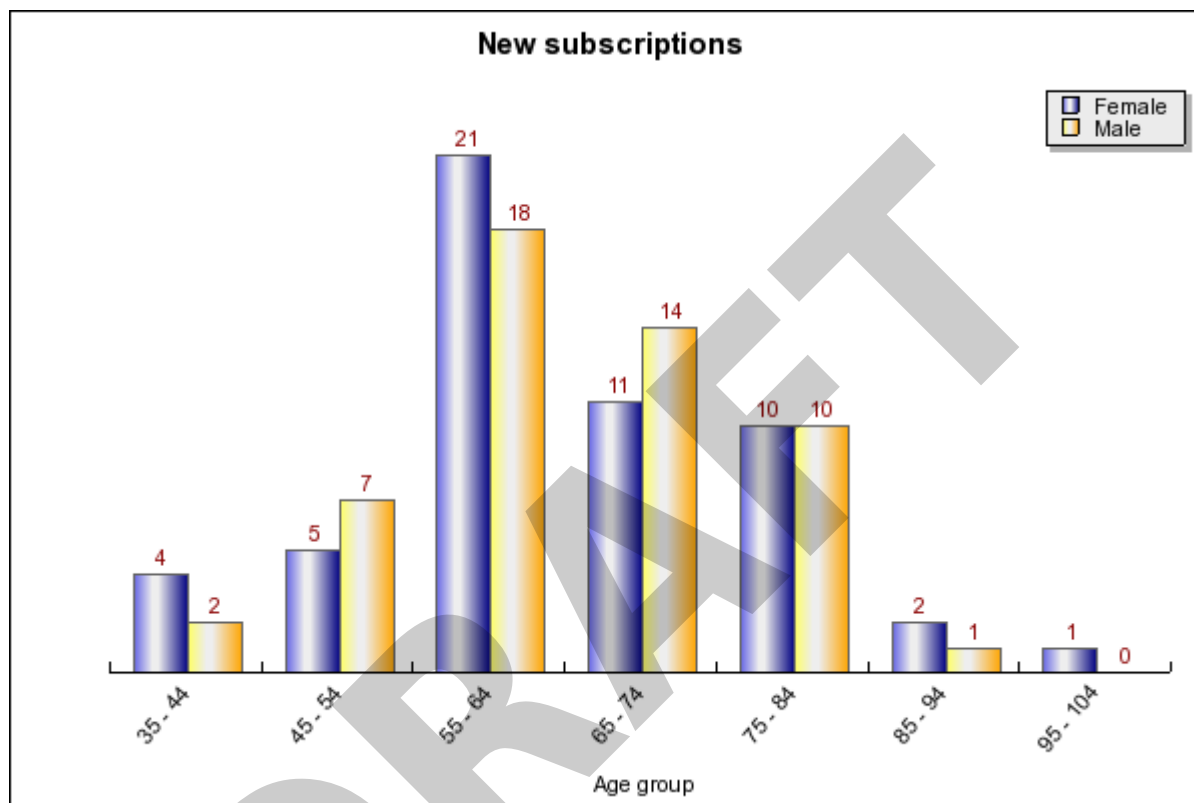
Result
This should produce a PDF file like this:

Female Male

35 - 44	**4**	**2**
45 - 54	**5**	**7**
55 - 64	**21**	**18**
65 - 74	**11**	**14**
75 - 84	**10**	**10**
85 - 94	**2**	**1**
95 - 104	**1**	
TOTAL	54	52

Note that graphs can be rotated as with images using<jpgraph rotate="90" ... (see HTML attributes)

Printed on Wed 05 Aug 2015 12:10:35 GMT +0100 (DST)