

Saving Database Tables as HTML

Route	Segment	Volume	Length_mi	Length_km
1	South of Linda Mar Blvd	17000	8.90	14.32
1	Linda Mar Blvd to begin freeway	40000	2.31	3.71
1	begin freeway to JCT 35	37500	3.87	6.25
1	JCT 35 to JCT 280	63000	1.15	1.86
1	JCT 35 to JCT 280	39375	3.98	6.41
35	JCT 280 to Manor Dr, Pacific	18200	3.84	6.17
35	Manor Dr to JCT 1	29500	1.76	2.83
35	North of JCT 1	26500	2.25	3.62
35	JCT 1 to JCT 35	24733	2.61	4.21
82	South of Ralston Ave (R), Belmont	36000	2.12	3.42
82	Ralston Ave (R) to JCT 92	46000	2.87	4.62
82	JCT 92 to Millbrae Ave (M)	33000	5.42	8.73
82	Millbrae Ave (M) to JCT 380	39500	2.96	4.77
82	JCT 380 to Guadalupe Canyon Pkwy	27000	4.87	7.84
82	Guadalupe Canyon Pkwy to John Daly Blvd	32000	1.08	1.74
82	JCT 380 to JCT 92	35583	3.22	5.19
92	West of JCT 280	21400	2.15	3.46
92	JCT 280 to JCT 82	76000	3.93	6.32
92	JCT 82 to JCT 101	100000	0.93	1.50
92	East of JCT 101	117000	2.22	3.58
92	JCT 101 to JCT 380	78600	2.31	3.72
101	South of Ralston Ave (R), Belmont	214000	2.61	4.20
101	Ralston Ave (R) to JCT 92	242500	2.34	3.76
101	JCT 92 to Millbrae Ave (M)	251000	6.07	9.77
101	Millbrae Ave (M) to San Francisco Airport	238000	1.13	1.82
101	San Francisco Airport to JCT 380	235000	1.35	2.18
101	JCT 380 to Airport Blvd / Bayshore Blvd	230000	1.01	1.62
101	North of Airport Blvd	215000	4.49	7.22
101	JCT 1 to JCT 380	232214	2.71	4.37
280	South of JCT 92	96000	1.50	2.41
280	JCT 92 to JCT 35 North	106000	8.41	13.63
280	JCT 35 to JCT 380	105000	1.71	2.75
280	JCT 380 to JCT 1	185000	4.35	7.00
280	JCT 1 to John Daly Blvd	228000	1.81	2.91
280	JCT 1 to JCT 380	144000	3.55	5.72
380	JCT 280 to JCT 82	123000	0.76	1.22
380	JCT 82 to JCT 101	142000	0.88	1.38
380	JCT 101 to JCT 380	132500	0.81	1.30

Tabular views of TNT database tables can be saved as HTML text files with the tabular data stored in an HTML table element. The resulting HTML file can be used as a text layer in a TNT page layout or incorporated into web pages or other electronic or print documents. The Save As HTML procedure creates Cascading Style Sheet (CSS) style names for different parts of the table: the heading row, text, numeric values, and statistics and substatistics rows. If the tabular view uses alternating background colors, then even and odd row styles with these background colors are also created. Although the default formatting is minimal, the resulting HTML file can be readily edited to flesh out the CSS styles to set the desired fonts, colors, borders, and so on. You can also edit or add to the content of the table, such as adding labels for statistics or substatistics rows.

If the tabular view includes style samples, as in the illustration below, these samples are captured as small PNG files that are linked to the corresponding cells in the HTML table. An HTML table with style samples can be used as a text layer in a layout to serve as a detailed legend for a map layer in the layout. Several such HTML table examples can be seen in the sample TNT page layout on the reverse side of the Technical Guide entitled *Spatial Display: HTML Formatting of Layout Text*. Tabular views can also be saved as CAD objects for use in layouts, as illustrated in the TechGuide entitled *Sample Layout: Potential Earthquake Hazards to Highways and Major Arterials, Northern San Mateo County, California*.

To save a tabular view of a database table as HTML, choose **Save As** from the **Table** menu;

then choose **HTML** from the **Format** menu in the **Save As** window.



TNT database table saved as HTML, reformatted, and viewed in a browser.

```
<html>
<head>
<title>NHPN2 / LineData / HwyStats</title>
<style>
table {
}
.Text {
text-align: left;
}
.Num {
text-align: right;
}
.SubStatRow {
background: #AAFFAA;
}
.StatRow {
background: #00FF7F;
}
.OddRow {
background: #FFFFAA;
}
.EvenRow {
background: #FFFFFF;
}
.HeadingRow {
}
</style>
</head>
```

The HTML file saved from a TNT database table defines CSS style names for the different parts of the table. You can edit these styles to change the appearance and format of the table on a web page or in a TNT layout.

Style	Code	Name	Age	Description
Qal	Alluvium	Quaternary	Stream-deposited sand and gravel	
Kqm	Papoose Flat Pluton	Cretaceous	Quartz Monzonite of Papoose Flat	
Ch	Harkless Fm	Cambrian	gray-green platy silty shale and slate	
Cpu	Upper Member Poleta Fm	Cambrian	Gray-green shale, blue-gray limestone, and quartzite	
Cpl	Lower Member Poleta Fm	Cambrian	Massive gray-blue limestone	
Cc	Campito Fm	Cambrian	Interbedded gray shale and dark brown fine-grained quartzite	

Save as HTML

Style	Code	Name	Age	Description
Qal	Alluvium	Quaternary	Stream-deposited sand and gravel	
Kqm	Papoose Flat Pluton	Cretaceous	Quartz Monzonite of Papoose Flat	
Ch	Harkless Fm	Cambrian	Gray-green platy silty shale and slate	
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Cc	Campito Fm	Cambrian	Interbedded gray shale and dark brown fine-grained quartzite	

Edit HTML

Style	Code	Name	Age	Description
Qal	Alluvium	Quaternary	Stream-deposited sand and gravel	
Kqm	Papoose Flat Pluton	Cretaceous	Quartz Monzonite of Papoose Flat	
Ch	Harkless Fm	Cambrian	Gray-green platy silty shale and slate	
Cpu	Upper Member Poleta Fm	Cambrian	Gray-green shale, blue-gray limestone, and quartzite	
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HTML table after editing to set the font family, font size, and font styles for the text. Left and right padding values were also set for table cells to increase the white space between columns of the table. The HTML text for this table is on the reverse side of this page.

Edited HTML Text for the Geologic Units Table Example

Style settings added manually to the automatically-created text are in green.

```

<html>
  <head>
    <title>MapUnits / PolyData / GeologicUnits</title>
    <style>
      table {
      }
      td {
        padding-left: 12px;
        padding-right: 12px;
        padding-bottom: 4px;
      }
      .Text {
        text-align: left;
        font-family: Arial,Helvetica,sans-serif;
        font-size: small;
        -mi-font-smoothing: on;
      }
      .Num {
        text-align: right;
      }
      .SubStatRow {
        background: #000000;
      }
      .StatRow {
        background: #000000;
      }
      .HeadingRow {
        font-family: Arial,Helvetica,sans-serif;
        font-size: small;
        font-weight: bold;
        -mi-font-smoothing: on;
      }
    </style>
  </head>
  <body>
    <table>
      <tr class='HeadingRow'>
        <th>Style</th>
        <th>Code</th>
        <th>Name</th>
        <th>Age</th>
        <th>Description</th>
      </tr>
      <tr class='EvenRow'>
        <td><img src='GeologicUnits_Files/style_Qal.png' border='0' height='20' width='50' /></td>
        <td class='Text'>Qal</td>
        <td class='Text'>Alluvium</td>
        <td class='Text'>Quaternary</td>
        <td class='Text'>Stream-deposited sand and gravel</td>
      </tr>
      <tr class='EvenRow'>
        <td><img src='GeologicUnits_Files/style_Kqm.png' border='0' height='20' width='50' /></td>
        <td class='Text'>Kqm</td>
        <td class='Text'>Papoose Flat Pluton</td>
        <td class='Text'>Cretaceous</td>
        <td class='Text'>Quartz Monzonite of Papoose Flat</td>
      </tr>
      <tr class='EvenRow'>
        <td><img src='GeologicUnits_Files/style_Ch.png' border='0' height='20' width='50' /></td>
        <td class='Text'>Ch</td>
        <td class='Text'>Harkless Fm</td>
        <td class='Text'>Cambrian</td>
        <td class='Text'>Gray-green platy silty shale and slate</td>
      </tr>
      <tr class='EvenRow'>
        <td><img src='GeologicUnits_Files/style_Cpu.png' border='0' height='20' width='50' /></td>
        <td class='Text'>Cpu</td>
        <td class='Text'>Upper Member Poleta Fm</td>
        <td class='Text'>Cambrian</td>
        <td class='Text'>Gray-green shale, blue-gray limestone, and quartzite</td>
      </tr>
      <tr class='EvenRow'>
        <td><img src='GeologicUnits_Files/style_Cpl.png' border='0' height='20' width='50' /></td>
        <td class='Text'>Cpl</td>
        <td class='Text'>Lower Member Poleta Fm</td>
        <td class='Text'>Cambrian</td>
        <td class='Text'>Massive gray-blue limestone</td>
      </tr>
      <tr class='EvenRow'>
        <td><img src='GeologicUnits_Files/style_Cc.png' border='0' height='20' width='50' /></td>
        <td class='Text'>Cc</td>
        <td class='Text'>Campito Fm</td>
        <td class='Text'>Cambrian</td>
        <td class='Text'>Interbedded gray shale and dark brown fine-grained quartzite</td>
      </tr>
    </table>
  </body>
</html>

```

style for table cells; sets space between contents and cell borders on left, right, and bottom of cells to increase white space between columns and rows

style for text table cells

style for numeric table cells (none in this example)

style for substatistic rows (none in this example)

style for statistic rows (none in this example)

style for heading row of cells in table