2012
DADES BÀSIQUES DE MOBILITAT

Ajuntament de Barcelona
<table>
<thead>
<tr>
<th>MUNICIPIS</th>
<th>SUPERÍFIE (Km²)</th>
<th>HABITANTS (Hab/Km²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Província de Barcelona</td>
<td>314</td>
<td>7.733</td>
</tr>
<tr>
<td>Regió Metropolità de Barcelona</td>
<td>158</td>
<td>2.464</td>
</tr>
<tr>
<td>Àrea Metropolità de Barcelona*</td>
<td>36</td>
<td>628</td>
</tr>
<tr>
<td>Barcelona</td>
<td>1</td>
<td>101</td>
</tr>
</tbody>
</table>

| Font: IDESCAT, INE |

<table>
<thead>
<tr>
<th>HABITANTS</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>%12/09</th>
<th>%12/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Població censada</td>
<td>1.621.537</td>
<td>1.619.337</td>
<td>1.615.448</td>
<td>1.620.943</td>
<td>0,0%</td>
<td>0,3%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>VEHICLES</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>%</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOTAL</td>
<td>981.903</td>
<td>981.580</td>
<td>976.345</td>
<td>968.332</td>
<td>-1,4</td>
<td>-1,1</td>
</tr>
<tr>
<td>Turismes</td>
<td>599.534</td>
<td>597.618</td>
<td>591.733</td>
<td>584.848</td>
<td>60,4</td>
<td>-2,4</td>
</tr>
<tr>
<td>Motos</td>
<td>199.407</td>
<td>205.705</td>
<td>210.328</td>
<td>213.875</td>
<td>22,1</td>
<td>7,3</td>
</tr>
<tr>
<td>Ciclomotors</td>
<td>89.934</td>
<td>85.391</td>
<td>85.405</td>
<td>82.743</td>
<td>8,5</td>
<td>-9,0</td>
</tr>
<tr>
<td>Furgonetes</td>
<td>36.175</td>
<td>33.451</td>
<td>31.831</td>
<td>29.810</td>
<td>3,1</td>
<td>-16,6</td>
</tr>
<tr>
<td>Camions</td>
<td>28.520</td>
<td>27.006</td>
<td>26.111</td>
<td>25.094</td>
<td>2,6</td>
<td>-12,0</td>
</tr>
<tr>
<td>Altres vehicles</td>
<td>27.333</td>
<td>29.409</td>
<td>30.937</td>
<td>31.962</td>
<td>3,3</td>
<td>16,9</td>
</tr>
</tbody>
</table>

Font: Departament d’Estadística de l’Ajuntament de Barcelona
Característiques de l’enquesta:
- Enquesta telefònica a 4.544 individus a la RMB i 1.918 a la ciutat de Barcelona.
- No es tenen en compte els desplaçaments dels professionals del transport.
- No es tenen en compte els desplaçaments dels menors de 16 anys.

Font: ATM i Ajuntament de Barcelona

Entre parèntesi els percentatges de l’any 2011

<table>
<thead>
<tr>
<th>DESPLAÇAMENTS</th>
<th>BCN-BCN %12/11</th>
<th>BCN-Externs %12/11</th>
<th>TOTAL %12/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residents a BCN</td>
<td>4.809.769</td>
<td>501.521</td>
<td>5.311.290</td>
</tr>
<tr>
<td>Residents resta RMB</td>
<td>157.312</td>
<td>1.225.305</td>
<td>1.382.617</td>
</tr>
<tr>
<td>TOTAL</td>
<td>4.967.081</td>
<td>1.726.826</td>
<td>6.693.907</td>
</tr>
</tbody>
</table>

REPARTIMENT MODAL BCN-BCN BCN-Externs TOTAL

| No motoritzat     | 57,4% (55,3%) | 3,2% (3,0%) | 43,7% (41,6%) |
| Transport públic  | 29,2% (30,8%) | 51,0% (50,0%) | 34,9% (35,9%) |
| Transport privat   | 13,3% (13,9%) | 44,7% (46,9%) | 21,4% (22,6%) |

TRANSPORT PRIVAT BCN-BCN BCN-Externs TOTAL

| Cotxe            | 59,6% (58,2%) | 82,8% (83,2%) | 72,1% (71,8%) |
| Moto             | 39,3% (38,3%) | 14,5% (14,3%) | 25,9% (25,2%) |
| Altres           | 1,1% (3,5%)   | 2,7% (2,5%)  | 2,0% (3,0%)   |

Font: ATM i Ajuntament de Barcelona

Entre parèntesi els percentatges de l’any 2011
### 2.2 NOMBRE D'ETAPES DE DESPLAÇAMENTS DIARIS SEGONS LA DSM

Característiques de l'estudi:
- Resultat de l'anàlisi de dades d'etapes de l'ATM, de les espires de detecció de la ciutat, activitat turística, transport escolar, aforaments de composició del trànsit, aforaments de bicicletes i de vianants.
- No es tenen en compte els desplaçaments de menys de 5 minuts.

<table>
<thead>
<tr>
<th></th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>% 12/11</th>
<th>% mode</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TOTALS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transport públic</td>
<td>3.149</td>
<td>3.146</td>
<td>3.075</td>
<td>3.099</td>
<td>3.127</td>
<td>3.011</td>
<td>-3,71%</td>
<td>39,1%</td>
</tr>
<tr>
<td>Transport privat</td>
<td>2.308</td>
<td>2.227</td>
<td>2.153</td>
<td>2.147</td>
<td>2.088</td>
<td>2.057</td>
<td>-1,51%</td>
<td>26,7%</td>
</tr>
<tr>
<td>A peu i bicicleta</td>
<td>2.465</td>
<td>2.477</td>
<td>2.499</td>
<td>2.554</td>
<td>2.618</td>
<td>2.642</td>
<td>0,92%</td>
<td>34,3%</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>7.922</td>
<td>7.851</td>
<td>7.727</td>
<td>7.800</td>
<td>7.833</td>
<td>7.710</td>
<td>-1,58%</td>
<td>100,0%</td>
</tr>
<tr>
<td><strong>INTERNS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transport públic</td>
<td>1.736</td>
<td>1.712</td>
<td>1.680</td>
<td>1.691</td>
<td>1.700</td>
<td>1.628</td>
<td>-4,24%</td>
<td>32,9%</td>
</tr>
<tr>
<td>Transport privat</td>
<td>948</td>
<td>931</td>
<td>907</td>
<td>907</td>
<td>888</td>
<td>882</td>
<td>-0,65%</td>
<td>17,8%</td>
</tr>
<tr>
<td>A peu i bicicleta</td>
<td>2.211</td>
<td>2.226</td>
<td>2.246</td>
<td>2.346</td>
<td>2.412</td>
<td>2.434</td>
<td>0,92%</td>
<td>49,2%</td>
</tr>
<tr>
<td><strong>TOTAL INTERNS</strong></td>
<td>4.896</td>
<td>4.869</td>
<td>4.833</td>
<td>4.944</td>
<td>5.000</td>
<td>4.944</td>
<td>-1,11%</td>
<td>100,0%</td>
</tr>
<tr>
<td><strong>CONNEXIÓ</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transport públic</td>
<td>1.412</td>
<td>1.434</td>
<td>1.396</td>
<td>1.408</td>
<td>1.427</td>
<td>1.383</td>
<td>-3,08%</td>
<td>50,0%</td>
</tr>
<tr>
<td>Transport privat</td>
<td>1.360</td>
<td>1.297</td>
<td>1.246</td>
<td>1.240</td>
<td>1.200</td>
<td>1.174</td>
<td>-2,14%</td>
<td>42,5%</td>
</tr>
<tr>
<td>A peu i bicicleta</td>
<td>254</td>
<td>251</td>
<td>254</td>
<td>207</td>
<td>207</td>
<td>208</td>
<td>0,46%</td>
<td>7,5%</td>
</tr>
<tr>
<td><strong>TOTAL CONNEXIÓ</strong></td>
<td>3.026</td>
<td>2.982</td>
<td>2.896</td>
<td>2.855</td>
<td>2.834</td>
<td>2.765</td>
<td>-2,42%</td>
<td>100,0%</td>
</tr>
</tbody>
</table>

*Font: Direcció de Serveis de Mobilitat*
### 3.1 DADES DE DEMANDA (validacions)

**DADES TOTALS DEL SISTEMA DE TRANSPORT PÚBLIC COL·LECTIU** (Viatges en milions/any)

<table>
<thead>
<tr>
<th>OPERADOR</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>% 12/09</th>
<th>% 12/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bus TMB</td>
<td>196,0</td>
<td>189,4</td>
<td>188,4</td>
<td>179,9</td>
<td>-8,2%</td>
<td>-4,5%</td>
</tr>
<tr>
<td>Metro</td>
<td>381,6</td>
<td>381,2</td>
<td>389,0</td>
<td>373,3</td>
<td>3,3%</td>
<td>-4,0%</td>
</tr>
<tr>
<td>FGC</td>
<td>79,8</td>
<td>79,8</td>
<td>80,5</td>
<td>75,0</td>
<td>-6,0%</td>
<td>-6,8%</td>
</tr>
<tr>
<td>Rodalies RENFE</td>
<td>110,1</td>
<td>103,7</td>
<td>106,2</td>
<td>105,9</td>
<td>-3,8%</td>
<td>-0,3%</td>
</tr>
<tr>
<td>Altres bus</td>
<td>142,8</td>
<td>144,4*</td>
<td>147,2</td>
<td>141,5</td>
<td>-0,8%</td>
<td>-3,9%</td>
</tr>
<tr>
<td>Tramvia</td>
<td>23,9</td>
<td>23,8</td>
<td>24,2</td>
<td>23,7</td>
<td>-0,8%</td>
<td>-2,1%</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>914,0</td>
<td>922,3</td>
<td>935,5</td>
<td>899,5</td>
<td>-1,6%</td>
<td>-3,8%</td>
</tr>
</tbody>
</table>

Font: TMB, FGC, RENFE i ATM

* Dada del 2010 revisada al 2011

### 3.2 DADES DE L’OFERTA

**BUS TMB**

<table>
<thead>
<tr>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>% 12/09</th>
<th>% 12/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Long. Línies TMB (Km)</td>
<td>923,9</td>
<td>932,4</td>
<td>936,0</td>
<td>890,0</td>
<td>-3,7%</td>
</tr>
<tr>
<td>Número de línies TMB</td>
<td>108,0</td>
<td>106,0</td>
<td>106,0</td>
<td>102,0</td>
<td>-5,6%</td>
</tr>
<tr>
<td>Parades TMB</td>
<td>2,573</td>
<td>2,610</td>
<td>2,815</td>
<td>2,517</td>
<td>0,7%</td>
</tr>
<tr>
<td>Km de carril bus</td>
<td>122,0</td>
<td>126,0</td>
<td>132,0</td>
<td>141,9</td>
<td>16,3%</td>
</tr>
<tr>
<td>Velocitat comercial mitjana</td>
<td>11,1</td>
<td>11,8</td>
<td>11,9</td>
<td>12,1</td>
<td>8,6%</td>
</tr>
<tr>
<td>Número d’autobusos TMB</td>
<td>1,080</td>
<td>1,090</td>
<td>1,084</td>
<td>1,072</td>
<td>-0,7%</td>
</tr>
</tbody>
</table>

Font: TMB i Direcció de Servei de Mobilitat

El 100% dels autobusos són accessibles. Existeixen 57 busses de barri.

**METRO**

<table>
<thead>
<tr>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>% 12/09</th>
<th>% 12/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Long. Línies METRO (Km)</td>
<td>93,29</td>
<td>102,59</td>
<td>102,59</td>
<td>102,59</td>
<td>10,0%</td>
</tr>
<tr>
<td>Número de línies METRO</td>
<td>7</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>14,3%</td>
</tr>
<tr>
<td>Estacions METRO</td>
<td>130</td>
<td>140</td>
<td>141</td>
<td>141</td>
<td>8,5%</td>
</tr>
<tr>
<td>Vehicles per Km (millions)</td>
<td>79,04</td>
<td>87,63</td>
<td>90,59</td>
<td>85,23</td>
<td>7,8%</td>
</tr>
</tbody>
</table>

Font: TMB

El 82,3% de les estacions de metro són accessibles

**RODALIES RENFE**

<table>
<thead>
<tr>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>% 12/09</th>
<th>% 12/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Long. Línies (Km)</td>
<td>522,0</td>
<td>522,0</td>
<td>552,0</td>
<td>552,0</td>
<td>5,7%</td>
</tr>
<tr>
<td>Número de línies</td>
<td>5</td>
<td>5</td>
<td>6</td>
<td>6</td>
<td>20,0%</td>
</tr>
<tr>
<td>Estacions</td>
<td>121</td>
<td>121</td>
<td>122</td>
<td>122</td>
<td>0,8%</td>
</tr>
<tr>
<td>Trens per Km (millions)</td>
<td>17,27</td>
<td>17,20</td>
<td>17,84</td>
<td>17,53</td>
<td>1,5%</td>
</tr>
</tbody>
</table>

Font: RENFE. S’inclou la línia Vic-Puigcerdà

**XARXA F.G.C.**

<table>
<thead>
<tr>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>% 12/09</th>
<th>% 12/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Long. Línies (Km)</td>
<td>143,3</td>
<td>143,3</td>
<td>143,3</td>
<td>143,3</td>
<td>0,0%</td>
</tr>
<tr>
<td>Número de serveis</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>0,0%</td>
</tr>
<tr>
<td>Estacions</td>
<td>74</td>
<td>75</td>
<td>75</td>
<td>75</td>
<td>1,4%</td>
</tr>
<tr>
<td>Vehicles per km (millions)</td>
<td>33,01</td>
<td>32,61</td>
<td>33,27</td>
<td>31,38</td>
<td>-5,0%</td>
</tr>
</tbody>
</table>

Font: FGC

El 94,7% de les estacions de FGC són accessibles
### TRAMVIA 2009 2010 2011 2012 %12/09 %12/11

<table>
<thead>
<tr>
<th></th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>%12/09</th>
<th>%12/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Longitud (km)</td>
<td>58,4</td>
<td>58,4</td>
<td>58,4</td>
<td>58,4</td>
<td>0,0%</td>
<td>0,0%</td>
</tr>
<tr>
<td>Número de parades</td>
<td>55</td>
<td>55</td>
<td>55</td>
<td>55</td>
<td>0,0%</td>
<td>0,0%</td>
</tr>
<tr>
<td>Número de línies</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>0,0%</td>
<td>0,0%</td>
</tr>
</tbody>
</table>

Font: TRAM

### BUS TURÍSTIC-BITLLETS 2009 2010 2011 2012 %12/09 %12/11

<table>
<thead>
<tr>
<th></th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>%12/09</th>
<th>%12/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCN Bus Turístic</td>
<td>1.448.442</td>
<td>1.469.586</td>
<td>1.623.436</td>
<td>1.499.066</td>
<td>3,5%</td>
<td>-7,7%</td>
</tr>
<tr>
<td>BCN City Tour</td>
<td>349.031</td>
<td>576.238</td>
<td>705.291</td>
<td>855.103</td>
<td>145,0%</td>
<td>21,2%</td>
</tr>
<tr>
<td>TOTAL</td>
<td>1.797.473</td>
<td>2.045.836</td>
<td>2.328.717</td>
<td>2.354.169</td>
<td>31,0%</td>
<td>1,1%</td>
</tr>
</tbody>
</table>

Font: TMB i EMT

### BUS NOCTURN 2009 2010 2011 2012 %12/09 %12/11

<table>
<thead>
<tr>
<th></th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>%12/09</th>
<th>%12/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Línies</td>
<td>17</td>
<td>17</td>
<td>17</td>
<td>17</td>
<td>0,0%</td>
<td>0,0%</td>
</tr>
<tr>
<td>Número de vehicles</td>
<td>130</td>
<td>130</td>
<td>130</td>
<td>130</td>
<td>0,0%</td>
<td>0,0%</td>
</tr>
<tr>
<td>Viatgers</td>
<td>5.915.188</td>
<td>5.752.873</td>
<td>5.996.243</td>
<td>5.938.558</td>
<td>0,4%</td>
<td>-1,0%</td>
</tr>
</tbody>
</table>

Font: ATM

### TAXI 2009 2010 2011 2012 %12/09 %12/11

<table>
<thead>
<tr>
<th></th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>%12/09</th>
<th>%12/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Passatgers (mils)*</td>
<td>107</td>
<td>107</td>
<td>100</td>
<td>95,8</td>
<td>-10,5%</td>
<td>-4,2%</td>
</tr>
<tr>
<td>Nombre de taxis</td>
<td>10.480</td>
<td>10.480</td>
<td>10.480</td>
<td>10.523</td>
<td>0,4%</td>
<td>0,4%</td>
</tr>
<tr>
<td>Nombre de parades</td>
<td>183</td>
<td>183</td>
<td>183</td>
<td>186</td>
<td>1,6%</td>
<td>1,6%</td>
</tr>
<tr>
<td>Conductors</td>
<td>12.852</td>
<td>13.167</td>
<td>13.249</td>
<td>13.297</td>
<td>3,5%</td>
<td>0,4%</td>
</tr>
</tbody>
</table>

Font: Institut Metropolità del Taxi

* Dades estimades
### 4.1 ELS VIANANTS

<table>
<thead>
<tr>
<th>ZONES DE VIANANTS</th>
<th>Superficie Topogràfica (Ha)</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>%12/09</th>
<th>%12/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIUTAT VELLA</td>
<td></td>
<td>22,38</td>
<td>23,31</td>
<td>23,44</td>
<td>23,52</td>
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<td>0,3%</td>
</tr>
<tr>
<td>L’EIXAMPLE</td>
<td></td>
<td>6,28</td>
<td>6,28</td>
<td>6,47</td>
<td>6,72</td>
<td>7,1%</td>
<td>4,5%</td>
</tr>
<tr>
<td>SANTS-</td>
<td></td>
<td>3,74</td>
<td>3,82</td>
<td>3,83</td>
<td>4,02</td>
<td>7,5%</td>
<td>5,0%</td>
</tr>
<tr>
<td>MONTJUÏC</td>
<td></td>
<td>2,16</td>
<td>2,16</td>
<td>2,16</td>
<td>2,19</td>
<td>1,3%</td>
<td>1,4%</td>
</tr>
<tr>
<td>SARRIA-</td>
<td></td>
<td>3,72</td>
<td>3,72</td>
<td>3,78</td>
<td>3,81</td>
<td>2,3%</td>
<td>0,7%</td>
</tr>
<tr>
<td>ST. GERVASI</td>
<td></td>
<td>5,18</td>
<td>5,27</td>
<td>5,34</td>
<td>5,44</td>
<td>5,1%</td>
<td>2,0%</td>
</tr>
<tr>
<td>HORTA-</td>
<td></td>
<td>3,12</td>
<td>3,19</td>
<td>3,99</td>
<td>4,13</td>
<td>32,4%</td>
<td>3,4%</td>
</tr>
<tr>
<td>GUINARDÓ</td>
<td></td>
<td>6,55</td>
<td>6,55</td>
<td>6,75</td>
<td>6,75</td>
<td>3,1%</td>
<td>0,0%</td>
</tr>
<tr>
<td>NOU BARRIS</td>
<td></td>
<td>7,98</td>
<td>8,07</td>
<td>8,07</td>
<td>8,07</td>
<td>1,1%</td>
<td>0,0%</td>
</tr>
<tr>
<td>SANT ANDREU</td>
<td></td>
<td>10,63</td>
<td>10,63</td>
<td>10,63</td>
<td>10,63</td>
<td>0,0%</td>
<td>0,0%</td>
</tr>
<tr>
<td>SANT MARTI</td>
<td></td>
<td>71,74</td>
<td>74,46</td>
<td>75,29</td>
<td>4,9%</td>
<td>1,1%</td>
<td>4,9%</td>
</tr>
</tbody>
</table>

| Font: Departament del Pla de la ciutat (IMI) |

### 4.2 LES BICICLETES

<table>
<thead>
<tr>
<th>DESPLAÇAMENTS DIARIS EN BICICLETA</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>%12/09</th>
<th>%12/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bicicleta</td>
<td>102,824</td>
<td>1,33%</td>
<td>106,521</td>
<td>1,37%</td>
<td>118,151</td>
<td>1,51%</td>
</tr>
<tr>
<td></td>
<td>124,333*</td>
<td>1,61%</td>
<td>5,23%</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CARRIL BICI</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>%12/09</th>
<th>%12/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Km. carril bici</td>
<td>146,8</td>
<td>159</td>
<td>181,5</td>
<td>186,7</td>
<td>27,2%</td>
<td>2,9%</td>
</tr>
</tbody>
</table>

| Font: Direcció de Serveis de Mobilitat |

<table>
<thead>
<tr>
<th>APARCAMENT PER A BICICLETES</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>%12/09</th>
<th>%12/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aparcaments en superfície via pública</td>
<td>20,402</td>
<td>21,387</td>
<td>21,673</td>
<td>22,245</td>
<td>9,0%</td>
<td>2,6%</td>
</tr>
<tr>
<td>Aparcaments soterrans B:SM</td>
<td>924</td>
<td>922</td>
<td>1,059</td>
<td>1,079</td>
<td>16,8%</td>
<td>1,9%</td>
</tr>
<tr>
<td>SABA</td>
<td>128</td>
<td>83</td>
<td>83</td>
<td>78</td>
<td>-39,1%</td>
<td>-6,0%</td>
</tr>
</tbody>
</table>

| Font: B:SM, SABA i Direcció de serveis de Mobilitat |

### BICING

<table>
<thead>
<tr>
<th>DESPLAÇAMENTS DIARIS EN BICICLETA</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>%12/09</th>
<th>%12/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Núm. abonats</td>
<td>182,062</td>
<td>117,523</td>
<td>121,819</td>
<td>113,787</td>
<td>-37,5%</td>
<td>-6,6%</td>
</tr>
<tr>
<td>Núm. viatges</td>
<td>10,769,256</td>
<td>11,147,000</td>
<td>14,510,000</td>
<td>16,165,000</td>
<td>50,1%</td>
<td>11,4%</td>
</tr>
<tr>
<td>Núm. bicicletes</td>
<td>6,000</td>
<td>6,000</td>
<td>6,000</td>
<td>6,000</td>
<td>0,0%</td>
<td>0,0%</td>
</tr>
<tr>
<td>Núm. estacions</td>
<td>419</td>
<td>420</td>
<td>414</td>
<td>399</td>
<td>-4,8%</td>
<td>-3,6%</td>
</tr>
<tr>
<td>Visites pàgina web</td>
<td>2,533,791</td>
<td>2,727,979</td>
<td>2,179,359</td>
<td>1,240,180</td>
<td>-51,1%</td>
<td>-43,1%</td>
</tr>
</tbody>
</table>

| Font: B:SM |
### 5.1 LA GESTIÓ DEL TRÀNSIT

#### IMD veh/dia 2008-2012 %12/09 %12/11

| Accessos | 1.166.382 | 1.120.823 | 1.112.512 | 1.088.546 | 1.069.386 | -4,6% | -1,8% |
| Vies mar-muntanya | 530.451 | 514.571 | 512.792 | 494.485 | 490.867 | -4,6% | -0,7% |
| Vies transversals | 339.178 | 332.228 | 333.334 | 332.250 | 333.922 | 0,5% | 0,5% |
| Total vies principals | 869.630 | 846.799 | 846.125 | 826.735 | 824.789 | -2,6% | -0,2% |
| Ronda de Dalt | 166.611 | 165.319 | 167.468 | 163.513 | 161.025 | -2,6% | -1,5% |
| Ronda Litoral | 108.456 | 106.481 | 106.698 | 102.988 | 102.396 | -3,6% | -0,6% |
| Total Rondes | 275.066 | 271.799 | 274.166 | 266.501 | 263.421 | -3,1% | -1,2% |

#### FONTS: Direcció de Serveis de Mobilitat

#### VELOCITATS

<table>
<thead>
<tr>
<th>Element</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>%12/09</th>
<th>%12/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vies connectivitat externa</td>
<td>23,9</td>
<td>25,6</td>
<td>24,8</td>
<td>24,0</td>
<td>23,6</td>
<td>-8,5%</td>
<td>-1,7%</td>
</tr>
<tr>
<td>Vies mar-muntanya</td>
<td>17,3</td>
<td>18,5</td>
<td>17,8</td>
<td>16,4</td>
<td>16,8</td>
<td>-9,2%</td>
<td>2,4%</td>
</tr>
<tr>
<td>Vies transversals</td>
<td>24,2</td>
<td>26,9</td>
<td>23,8</td>
<td>22,5</td>
<td>23,3</td>
<td>-13,4%</td>
<td>3,6%</td>
</tr>
<tr>
<td>Mitjana de ciutat</td>
<td>21,3</td>
<td>24,4</td>
<td>21,2</td>
<td>20,6</td>
<td>20,9</td>
<td>-11,1%</td>
<td>1,5%</td>
</tr>
<tr>
<td>Rondes</td>
<td>56,3</td>
<td>59,3</td>
<td>57,0</td>
<td>54,7</td>
<td>59,9</td>
<td>1,0%</td>
<td>9,5%</td>
</tr>
</tbody>
</table>

#### VELOCITAT (km/h)

<table>
<thead>
<tr>
<th>Element</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>%12/09</th>
<th>%12/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vies connectivitat externa</td>
<td>23,9</td>
<td>25,6</td>
<td>24,8</td>
<td>24,0</td>
<td>23,6</td>
<td>-8,5%</td>
<td>-1,7%</td>
</tr>
<tr>
<td>Vies mar-muntanya</td>
<td>17,3</td>
<td>18,5</td>
<td>17,8</td>
<td>16,4</td>
<td>16,8</td>
<td>-9,2%</td>
<td>2,4%</td>
</tr>
<tr>
<td>Vies transversals</td>
<td>24,2</td>
<td>26,9</td>
<td>23,8</td>
<td>22,5</td>
<td>23,3</td>
<td>-13,4%</td>
<td>3,6%</td>
</tr>
<tr>
<td>Mitjana de ciutat</td>
<td>21,3</td>
<td>24,4</td>
<td>21,2</td>
<td>20,6</td>
<td>20,9</td>
<td>-11,1%</td>
<td>1,5%</td>
</tr>
<tr>
<td>Rondes</td>
<td>56,3</td>
<td>59,3</td>
<td>57,0</td>
<td>54,7</td>
<td>59,9</td>
<td>1,0%</td>
<td>9,5%</td>
</tr>
</tbody>
</table>

#### FONTS: Direcció de Serveis de Mobilitat

### ELEMTENTS DE GESTIÓ DEL TRÀNSIT

<table>
<thead>
<tr>
<th>Anys</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>%12/09</th>
<th>%12/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Centrals de regulació</td>
<td>50</td>
<td>51</td>
<td>55</td>
<td>55</td>
<td>10,0%</td>
<td>0,0%</td>
</tr>
<tr>
<td>Crucilles semaforitzades</td>
<td>1.702</td>
<td>1.713</td>
<td>1.721</td>
<td>1.721</td>
<td>1.5%</td>
<td>0,3%</td>
</tr>
<tr>
<td>Crucilles centenaires</td>
<td>1.249</td>
<td>1.295</td>
<td>1.389</td>
<td>1.389</td>
<td>15,1%</td>
<td>21,5%</td>
</tr>
<tr>
<td>Crucilles ledes equipades amb SAI</td>
<td>542</td>
<td>730</td>
<td>1.000</td>
<td>1.015</td>
<td>37,3%</td>
<td>1,5%</td>
</tr>
<tr>
<td>Crucilles amb semàfor per a invidents</td>
<td>440</td>
<td>699</td>
<td>943</td>
<td>990</td>
<td>120,5%</td>
<td>5,0%</td>
</tr>
<tr>
<td>Semàfor totals</td>
<td>38.346</td>
<td>41.095</td>
<td>35.822*</td>
<td>36.127</td>
<td>-5,8%</td>
<td>0,9%</td>
</tr>
<tr>
<td>Semàfor Leds</td>
<td>14.331</td>
<td>24.001</td>
<td>21.038*</td>
<td>21.516</td>
<td>50,1%</td>
<td>2,3%</td>
</tr>
<tr>
<td>Dispositius vianants invidents</td>
<td>3.673</td>
<td>5.934</td>
<td>8.240</td>
<td>8.558</td>
<td>133,0%</td>
<td>3,9%</td>
</tr>
<tr>
<td>Punts de control de “FOTO-ROJO”</td>
<td>10</td>
<td>10</td>
<td>17</td>
<td>17</td>
<td>70,0%</td>
<td>0,0%</td>
</tr>
<tr>
<td>Càmeres (fixes i mòbils) gestió del trànsit</td>
<td>160</td>
<td>163</td>
<td>165</td>
<td>168</td>
<td>5,0%</td>
<td>1,8%</td>
</tr>
<tr>
<td>Senyals variables carrils (aspa/fletxa)</td>
<td>48</td>
<td>48</td>
<td>48</td>
<td>48</td>
<td>0,0%</td>
<td>0,0%</td>
</tr>
<tr>
<td>Senyals variables de codi</td>
<td>33</td>
<td>33</td>
<td>33</td>
<td>33</td>
<td>0,0%</td>
<td>0,0%</td>
</tr>
<tr>
<td>Panels informatius carrils reversibles</td>
<td>17</td>
<td>17</td>
<td>17</td>
<td>17</td>
<td>0,0%</td>
<td>0,0%</td>
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<tr>
<td>Panels informatius d’aparcaments</td>
<td>10</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>-20,0%</td>
<td>0,0%</td>
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<tr>
<td>Panels informatius d’estat del trànsit</td>
<td>58</td>
<td>61</td>
<td>63</td>
<td>63</td>
<td>8,6%</td>
<td>0,0%</td>
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<tr>
<td>Carril multius (m)</td>
<td>5.450</td>
<td>5.450</td>
<td>6.750</td>
<td>6.750</td>
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<td>0,0%</td>
</tr>
<tr>
<td>Carrils reversibles (kms)</td>
<td>3,5</td>
<td>3,5</td>
<td>3,5</td>
<td>3,5</td>
<td>0,0%</td>
<td>0,0%</td>
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<tr>
<td>Total estacions detectores</td>
<td>356</td>
<td>394</td>
<td>448</td>
<td>488</td>
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<td>0,0%</td>
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<tr>
<td>Estacions detectores</td>
<td>325</td>
<td>383</td>
<td>444</td>
<td>444</td>
<td>36,6%</td>
<td>0,2%</td>
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<tr>
<td>Estacions detectores (infrarojos)</td>
<td>29</td>
<td>29</td>
<td>29</td>
<td>29</td>
<td>0,0%</td>
<td>0,0%</td>
</tr>
<tr>
<td>Estacions detectores (visió artificial)</td>
<td>2</td>
<td>2</td>
<td>16</td>
<td>15</td>
<td>650,0%</td>
<td>-6,3%</td>
</tr>
</tbody>
</table>

#### FONTS: Direcció de Serveis de Mobilitat

* Al 2011 es comença a no comptabilitzar els dispositius per a invidents com a semàfor
<table>
<thead>
<tr>
<th></th>
<th>2009</th>
<th>2010*</th>
<th>2011</th>
<th>2012</th>
<th>% 12/09</th>
<th>% 12/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Àrea Blava</td>
<td>10.349</td>
<td>10.190</td>
<td>10.190</td>
<td>10.190</td>
<td>-1,5%</td>
<td>0,0%</td>
</tr>
<tr>
<td>Àrea Verda preferent resident</td>
<td>35.729</td>
<td>40.368</td>
<td>40.244</td>
<td>40.876</td>
<td>14,4%</td>
<td>1,6%</td>
</tr>
<tr>
<td>Àrea Verda exclusiva resident</td>
<td>4.541</td>
<td>4.020</td>
<td>3.986</td>
<td>3.990</td>
<td>-12,1%</td>
<td>0,1%</td>
</tr>
<tr>
<td>Càrrega i descàrrega</td>
<td>12.475</td>
<td>12.003</td>
<td>11.853</td>
<td>11.368</td>
<td>-8,9%</td>
<td>-4,1%</td>
</tr>
<tr>
<td>No regulat</td>
<td>121.407</td>
<td>76.313</td>
<td>75.446</td>
<td>75.446</td>
<td>-37,9%</td>
<td>0,0%</td>
</tr>
<tr>
<td>Altres reserv. (incl. minusvàlids)*</td>
<td>5.781</td>
<td>5.781</td>
<td>5.781</td>
<td>5.781</td>
<td>0,0%</td>
<td>0,0%</td>
</tr>
<tr>
<td>En calçada</td>
<td>184.501</td>
<td>148.675</td>
<td>147.500</td>
<td>147.651</td>
<td>-20,0%</td>
<td>0,1%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>% 12/09</th>
<th>% 12/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Veïns</td>
<td>416.112</td>
<td>413.954</td>
<td>416.237</td>
<td>417.643</td>
<td>0,4%</td>
<td>0,3%</td>
</tr>
<tr>
<td>Públiques</td>
<td>147.129</td>
<td>141.902</td>
<td>141.902</td>
<td>141.902</td>
<td>-3,6%</td>
<td>0,0%</td>
</tr>
<tr>
<td>Reservats</td>
<td>55.199</td>
<td>79.843</td>
<td>81.855</td>
<td>83.358</td>
<td>51,0%</td>
<td>1,8%</td>
</tr>
<tr>
<td>Fora calçada</td>
<td>618.440</td>
<td>635.699</td>
<td>639.994</td>
<td>642.903</td>
<td>4,0%</td>
<td>0,5%</td>
</tr>
</tbody>
</table>

**Font:** B:SM

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**MOTOCICLETES**

<table>
<thead>
<tr>
<th></th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>% 12/09</th>
<th>% 12/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Places</td>
<td>48.280</td>
<td>52.501</td>
<td>54.018</td>
<td>55.076</td>
<td>14,1%</td>
<td>2,0%</td>
</tr>
</tbody>
</table>

**Font:** Direcció de Serveis de Mobilitat

---

**FORA DE CALÇADA**

<table>
<thead>
<tr>
<th></th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>% 12/09</th>
<th>% 12/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Veïns</td>
<td>416.112</td>
<td>413.954</td>
<td>416.237</td>
<td>417.643</td>
<td>0,4%</td>
<td>0,3%</td>
</tr>
<tr>
<td>Públiques</td>
<td>147.129</td>
<td>141.902</td>
<td>141.902</td>
<td>141.902</td>
<td>-3,6%</td>
<td>0,0%</td>
</tr>
<tr>
<td>Reservats</td>
<td>55.199</td>
<td>79.843</td>
<td>81.855</td>
<td>83.358</td>
<td>51,0%</td>
<td>1,8%</td>
</tr>
<tr>
<td>Fora calçada</td>
<td>618.440</td>
<td>635.699</td>
<td>639.994</td>
<td>642.903</td>
<td>4,0%</td>
<td>0,5%</td>
</tr>
</tbody>
</table>

**Font:** B:SM

---

**LA XARXA BÀSICA**

- Xarxa Básica aprovada en el Decret d’Alcaldia del 16 de Novembre de 2005.
- El 27,55% de les vies absorben el 82,04% de la circulació.
### 5.2 PLACES D’ESTACIONAMENT

**FORA DE LA CALÇADA**
- **642.903**

**EN SÒL PRIVAT**
- **582.837**

**EN SÒL PÚBLIC**
- **60.066**

**Per a veïns**
- 400.512

**Reservats**
- 83.358

**D’ús públic**
- 96.967

**Residents**
- 17.131

**Mixtes**
- 42.935

### D’ús privat

- **Per a veïns**
  - 484.253
- **Reservats**
  - 83.358
- **D’ús públic**
  - 96.967
- **Residents**
  - 17.131
- **Mixtes**
  - 42.935

**TOTAL**
- **618.440**

<table>
<thead>
<tr>
<th>FORA DE CALÇADA</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>%12/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Per a ús públic</td>
<td>134.187</td>
<td>141.902</td>
<td>141.902</td>
<td>141.902</td>
<td>0,0%</td>
</tr>
<tr>
<td>Per a ús privat</td>
<td>484.253</td>
<td>493.797</td>
<td>498.092</td>
<td>501.001</td>
<td>0,6%</td>
</tr>
<tr>
<td>TOTAL</td>
<td>618.440</td>
<td>635.699</td>
<td>639.994</td>
<td>642.903</td>
<td>0,5%</td>
</tr>
</tbody>
</table>

Font: B.S.M
<table>
<thead>
<tr>
<th>CONTAMINACIÓ</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>% 12/09</th>
<th>% 12/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>PM 10 (microg/m³)</td>
<td>39,9</td>
<td>31</td>
<td>34</td>
<td>32</td>
<td>-19,8%</td>
<td>-5,9%</td>
</tr>
<tr>
<td>NO₂ (microg/m³)</td>
<td>49,2</td>
<td>47,0</td>
<td>48,0</td>
<td>44,1</td>
<td>-10,3%</td>
<td>-8,1%</td>
</tr>
<tr>
<td>O₃ (microg/m³)</td>
<td>38,7</td>
<td>44,0</td>
<td>48,0</td>
<td>44,1</td>
<td>14,0%</td>
<td>10,3%</td>
</tr>
<tr>
<td>CO (mg/m³)</td>
<td>0,4</td>
<td>0,4</td>
<td>0,5</td>
<td>0,5</td>
<td>25,0%</td>
<td>0,0%</td>
</tr>
</tbody>
</table>

Font: Departament de Medi Ambient i Habitatge de la Generalitat de Catalunya

ÍNDICE CATALÀ DE QUALITAT DE L’AIRE

Index mitjà diari anual a les estacions de: Ciutadella, Eixample, Gràcia, Sant Gervasi, Poblenou i Sants. Any 2012

Font: Agència de Salut Pública

Distribució dels valors diaris de l’ICQA per categories de qualitat de l’aire

Distribució dels valors diaris de l’ICQA per contaminant crític

Distribució dels valors diaris de l’ICQA<0 per contaminant crític

Font: Departament de Medi Ambient i Habitatge de la Generalitat de Catalunya
**ACCIDENTS** 2009 2010 2011 2012 %12/09 %12/11

<table>
<thead>
<tr>
<th>Tipo</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>%12/09</th>
<th>%12/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rondes</td>
<td>480</td>
<td>538</td>
<td>514</td>
<td>508</td>
<td>5,8%</td>
<td>-1,2%</td>
</tr>
<tr>
<td>Ciutat</td>
<td>8.342</td>
<td>7.760</td>
<td>7.432</td>
<td>7.911</td>
<td>-5,2%</td>
<td>6,4%</td>
</tr>
<tr>
<td>TOTAL</td>
<td>8.822</td>
<td>8.298</td>
<td>7.946</td>
<td>8.419</td>
<td>-4,6%</td>
<td>6,0%</td>
</tr>
</tbody>
</table>

*Amb víctimes*

**VÍCTIMES** 2009 2010 2011 2012 %12/09 %12/11

<table>
<thead>
<tr>
<th>Tipo</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>%12/09</th>
<th>%12/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ferits</td>
<td>11.422</td>
<td>10.804</td>
<td>10.309</td>
<td>11.098</td>
<td>-2,8%</td>
<td>7,7%</td>
</tr>
<tr>
<td>Morts</td>
<td>40</td>
<td>39</td>
<td>31</td>
<td>30</td>
<td>-25,0%</td>
<td>-3,2%</td>
</tr>
</tbody>
</table>

**TIPUS DE VEHICLE ACCIDENTAT** 2009 2010 2011 2012 %12/09 %12/11

<table>
<thead>
<tr>
<th>Tipo</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>%12/09</th>
<th>%12/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turisme</td>
<td>6.976</td>
<td>6.724</td>
<td>6.317</td>
<td>6.882</td>
<td>-1,3%</td>
<td>8,9%</td>
</tr>
<tr>
<td>Motocicleta</td>
<td>4.551</td>
<td>4.533</td>
<td>4.445</td>
<td>4.791</td>
<td>5,3%</td>
<td>7,8%</td>
</tr>
<tr>
<td>Ciclomotor</td>
<td>2.012</td>
<td>1.634</td>
<td>1.340</td>
<td>1.274</td>
<td>-36,7%</td>
<td>-4,9%</td>
</tr>
<tr>
<td>Furgoneta</td>
<td>1.122</td>
<td>1.097</td>
<td>1.005</td>
<td>1.013</td>
<td>-9,7%</td>
<td>0,8%</td>
</tr>
<tr>
<td>Camió</td>
<td>357</td>
<td>366</td>
<td>316</td>
<td>283</td>
<td>-20,7%</td>
<td>-10,4%</td>
</tr>
<tr>
<td>Taxi</td>
<td>812</td>
<td>816</td>
<td>822</td>
<td>998</td>
<td>22,9%</td>
<td>21,4%</td>
</tr>
<tr>
<td>Bicicleta</td>
<td>501</td>
<td>387</td>
<td>491</td>
<td>677</td>
<td>35,1%</td>
<td>37,9%</td>
</tr>
<tr>
<td>Altres</td>
<td>952</td>
<td>491</td>
<td>529</td>
<td>532</td>
<td>-44,1%</td>
<td>0,6%</td>
</tr>
<tr>
<td>TOTAL</td>
<td>16.926</td>
<td>16.048</td>
<td>15.265</td>
<td>16.450</td>
<td>-2,8%</td>
<td>7,8%</td>
</tr>
</tbody>
</table>

*Font: Guàrdia Urbana*  

- *Inclou tota tipologia de camió*  
- *Amb víctimes*  

**XARXA FERROVIÀRIA DE TRANSPORTS PÚBLICS**

[Diagrama de la xarxa ferroviària]