Promoting Non-Motorized Transport in Nairobi
Celebrating gains and highlighting areas of improvement
Did you know that 2.27 million trips per day are made by walking and 55,000 by bicycle in Nairobi? That translates into:

48.2% of all daily trips in Nairobi are made by NMT.

In Nairobi, NMT users account for over 330 deaths annually, resulting in 66.3% of total traffic fatalities.

66.3% (330) were NMT users.

The transport sector contributes 11% of total emissions in Kenya.

This figure is projected to increase to 15% by 2030 due to a rise in the number of passenger and freight vehicles.
Pedestrians
Nairobi’s major NMT corridors showing number of pedestrians per day

- **Isaac Gathanju Road**: 6,250
- **Mugumo Road**: 4,514
- **Park Road**: 11,494
- **Muigai Kenyatta Road**: 8,734
- **Councillor Opundo Road**: 4,494
- **Komarock Road**: 4,840
- **Juja Road**: 12,769
- **Komarock Road (Near Muigai Kenyatta Road)**: 4,357
- **Lunga Lunga Road (Near Donholm Road)**: 15,595
- **Lunga Lunga Road (Near Likoni Road)**: 9,416
- **Likoni Road**: 8,511

Legend:
- Major employment areas
- Pedestrian count points
- Roads and highways
- Green spaces
Cyclists
Nairobi's major NMT corridors showing number of cyclists per day

- Mugumo Road: 137
- Park Road: 145
- Muigai Kenyatta Road: 405
- Councillor Opundo Road: 757
- Komarock Road (Near Muigai Kenyatta Road): 877
- Lunga Lunga Road (Near Donholm Road): 2,129
- Lunga Lunga Road (Near Likoni Road): 734
- Likoni Road: 895

Legend:
- Major employment areas
- Cyclist count points
- Roads and highways
- Green spaces
- Cycling Infrastructure
Pedestrian Safety
Traffic fatalities by type of road users (2015-2019)
Pedestrian Safety
Nairobi fatalities by gender/age (2015-2019)

<table>
<thead>
<tr>
<th>Year</th>
<th>0-4 years</th>
<th>5-9 years</th>
<th>10-14 years</th>
<th>15-19 years</th>
<th>20-24 years</th>
<th>25-29 years</th>
<th>30-39 years</th>
<th>40-44 years</th>
<th>45-49 years</th>
<th>50-54 years</th>
<th>55+ years</th>
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<tbody>
<tr>
<td>2015</td>
<td>13</td>
<td>12</td>
<td>13</td>
<td>21</td>
<td>57</td>
<td>93</td>
<td>100</td>
<td>79</td>
<td>58</td>
<td>19</td>
<td>21</td>
</tr>
<tr>
<td>2016</td>
<td>4</td>
<td>7</td>
<td>5</td>
<td>8</td>
<td>21</td>
<td>54</td>
<td>43</td>
<td>30</td>
<td>23</td>
<td>7</td>
<td>5</td>
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<tr>
<td>2017</td>
<td>6</td>
<td>12</td>
<td>4</td>
<td>2</td>
<td>18</td>
<td>31</td>
<td>31</td>
<td>29</td>
<td>17</td>
<td>13</td>
<td>4</td>
</tr>
<tr>
<td>2018</td>
<td>2</td>
<td>6</td>
<td>7</td>
<td>9</td>
<td>33</td>
<td>38</td>
<td>39</td>
<td>39</td>
<td>19</td>
<td>9</td>
<td>12</td>
</tr>
<tr>
<td>2019</td>
<td>9</td>
<td>11</td>
<td>10</td>
<td>7</td>
<td>38</td>
<td>59</td>
<td>57</td>
<td>47</td>
<td>35</td>
<td>56</td>
<td>27</td>
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</table>
Pedestrian Safety
Nairobi's top 10 deadliest corridors (2015-2019)

- Mombasa Road
- Waiyaki Way
- Thika Superhighway
- Outering Road
- Eastern Bypass
- Jogoo Road
- Kangundo Road
- Juja Road
- Airport North Road
- Langata Road

Charts showing the percentage of all fatalities occurred on these corridors for each year from 2015 to 2019.
Pedestrian Safety

Types of vehicles causing road accidents in Nairobi (2015-2019)
Pedestrian Safety
Days and Times of road accident occurrence in Nairobi (2015-2019)

<table>
<thead>
<tr>
<th></th>
<th>MON.</th>
<th>TUE.</th>
<th>WED.</th>
<th>THU.</th>
<th>FRI.</th>
<th>SAT.</th>
<th>SUN.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>83</td>
<td>83</td>
<td>84</td>
<td>68</td>
<td>103</td>
<td>120</td>
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<td>2016</td>
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<td>51</td>
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<td>64</td>
<td>96</td>
<td>87</td>
</tr>
<tr>
<td>2017</td>
<td>36</td>
<td>40</td>
<td>53</td>
<td>52</td>
<td>76</td>
<td>75</td>
<td>80</td>
</tr>
<tr>
<td>2018</td>
<td>51</td>
<td>52</td>
<td>54</td>
<td>46</td>
<td>68</td>
<td>75</td>
<td>92</td>
</tr>
</tbody>
</table>
# Pedestrian Safety

Pedestrian infrastructure challenges observed on major NMT corridors in Nairobi

<table>
<thead>
<tr>
<th>Area</th>
<th>Motorists</th>
<th>Pedestrians</th>
<th>Infrastructure</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Speeding</td>
<td>Careless</td>
<td>Encroaching on NMT spaces</td>
</tr>
<tr>
<td>Mombasa Rd (Cahawa)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Waithaka Way (Kangemi)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Waithaka Way (Uthiru)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Waithaka Way (James Gichuru)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Eastern Bypass</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Airport North Rd</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Landhiros Rd</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Outering Rd</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Jogoo Rd</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Thika Superhighway (Shell station)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Kangundo Rd</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>
The Climate and Development Knowledge Network (CDKN) partnered with NMS to carry out a Study on “Promoting NMT in Nairobi: A Study on Users, Safety and Infrastructure”. Study was adopted and launched in July 2021.
NMT Gains by NMS
Well-maintained footpaths and cycling paths on Kenyatta Avenue
NMT Gains by NMS
Well-maintained footpaths and cycling paths on Muindi Mbingu Street.
NMT Gains by NMS
Wide foot path from the Greenpark terminus
NMT Gains by NMS
Well-maintained footpaths and cycling paths on Kenyatta Avenue
NMT Gains by NMS
Well-maintained footpaths and cycling paths on Kenyatta Avenue
NMT Gains by NMS
Well-maintained footpaths and cycling paths outside the Kenya National Parliament.
NMT Gains by NMS
Ongoing construction of footpaths and cycling paths on Muindi Mbingu Street.
NMT Gains by NMS
Well-maintained footpaths and cycling paths on Processional Way.
NMT Gains by NMS
A view of the footpaths and cycling paths on Wabera Street
NMT Gains by NMS

Well-maintained greenery, footpath and cycling path on the Kenyatta Avenue-Muindi Mbingu junction.
Kisumu NMT Gains

Neatness and greenery
Kisumu NMT Gains
Neatness and greenery
Kisumu NMT Gains
Table top crossing as done
Kisumu NMT Gains
Ablution Block

County Government of Kisumu

City of Kisumu

Kisumu Urban Support Programme (KUSP) - Non Motorized Transport (NMT) Project
Ablution Block
Mombasa NMT Gains
Wide footpaths
Mombasa NMT Gains
Bike racks
Mombasa NMT Gains
Composite signage
Jogoo Road
Garbage
Jogoo Road
Illegal pedestrian crossing
Jogoo Road
Lack of accessibility of footbridge for persons with disabilities
Jogoo Road
Encroachment by street vendors
Outering Road
Encroachment by motorists and street vendors
Outering Road
Illegal pick-up and drop-off by public service vehicles
Outering Road
Illegal pick-up and drop-off by public service vehicles
Outering Road
Illegal pedestrian crossing
Lungalunga Road
Lack of designated crossing points
Councillor Opundo Road
Lack of footpaths
Councillor Opundo Road
Lack of drainage
Muirai Kenyatta Road
Clogged drains
Muigai Kenyatta Road
Clogged drains
Ring Road Kilimani
Encroachment by vendors
Ring Road Kilimani
Encroachment by vendors
While observing Nairobi’s busiest and most dangerous corridors, the following trends to watch.

- Illegal dumping of garbage and open burning.
- Encroachment of NMT facilities by vendors and motorists.
- Enforcement against speed limits.
- Enforcement against pick-up and drop-offs at non-designated areas.
- Enforcement against polluting vehicles.