

Cycling in Newham

Cycling Levels of Service (CLoS)

a place where people choose to
live, work & stay

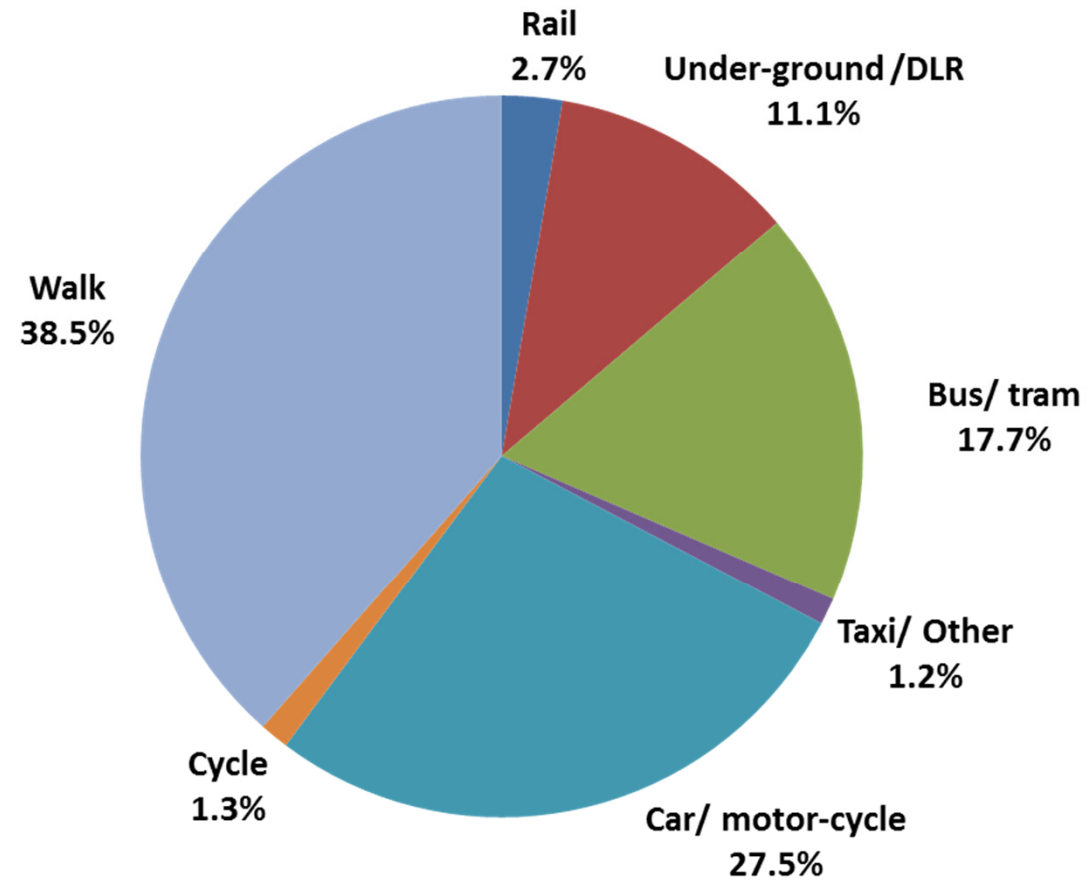
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- Cycling Levels of Service (CLoS)

Travel in Newham

Newham London

Newham resident trips by mode share 2010/11 to 2012/13 (LTDS)



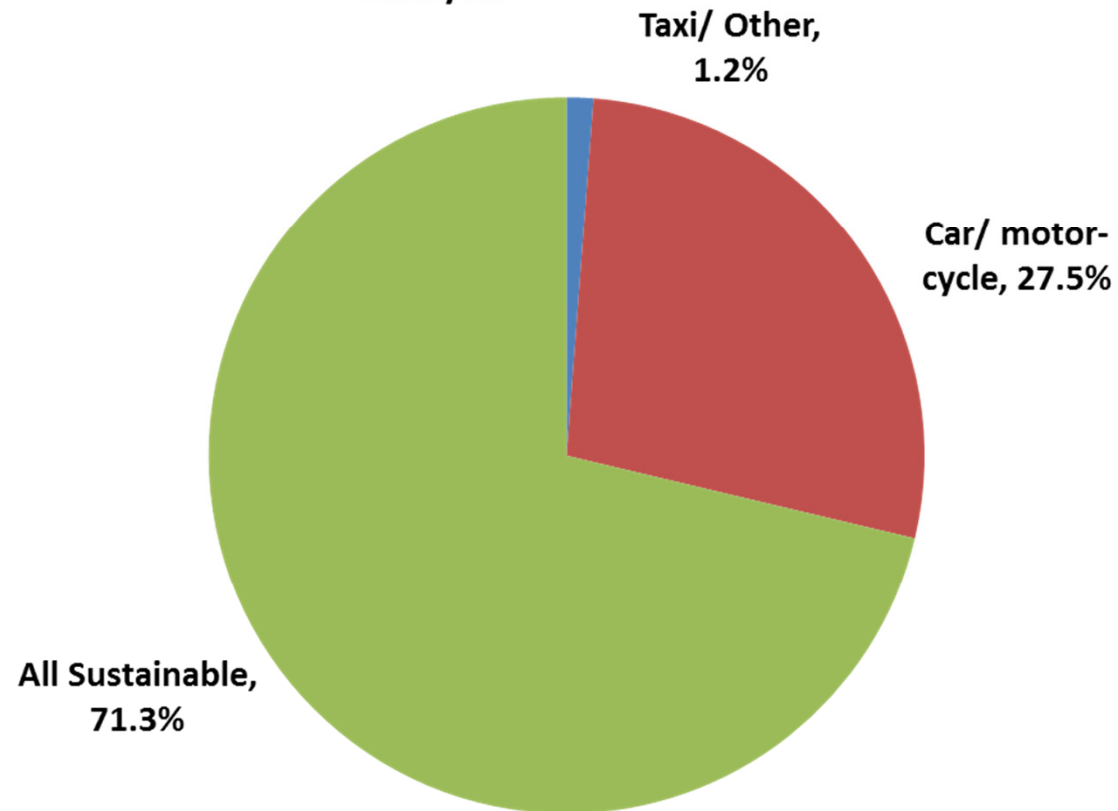
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Sustainable Travel in Newham

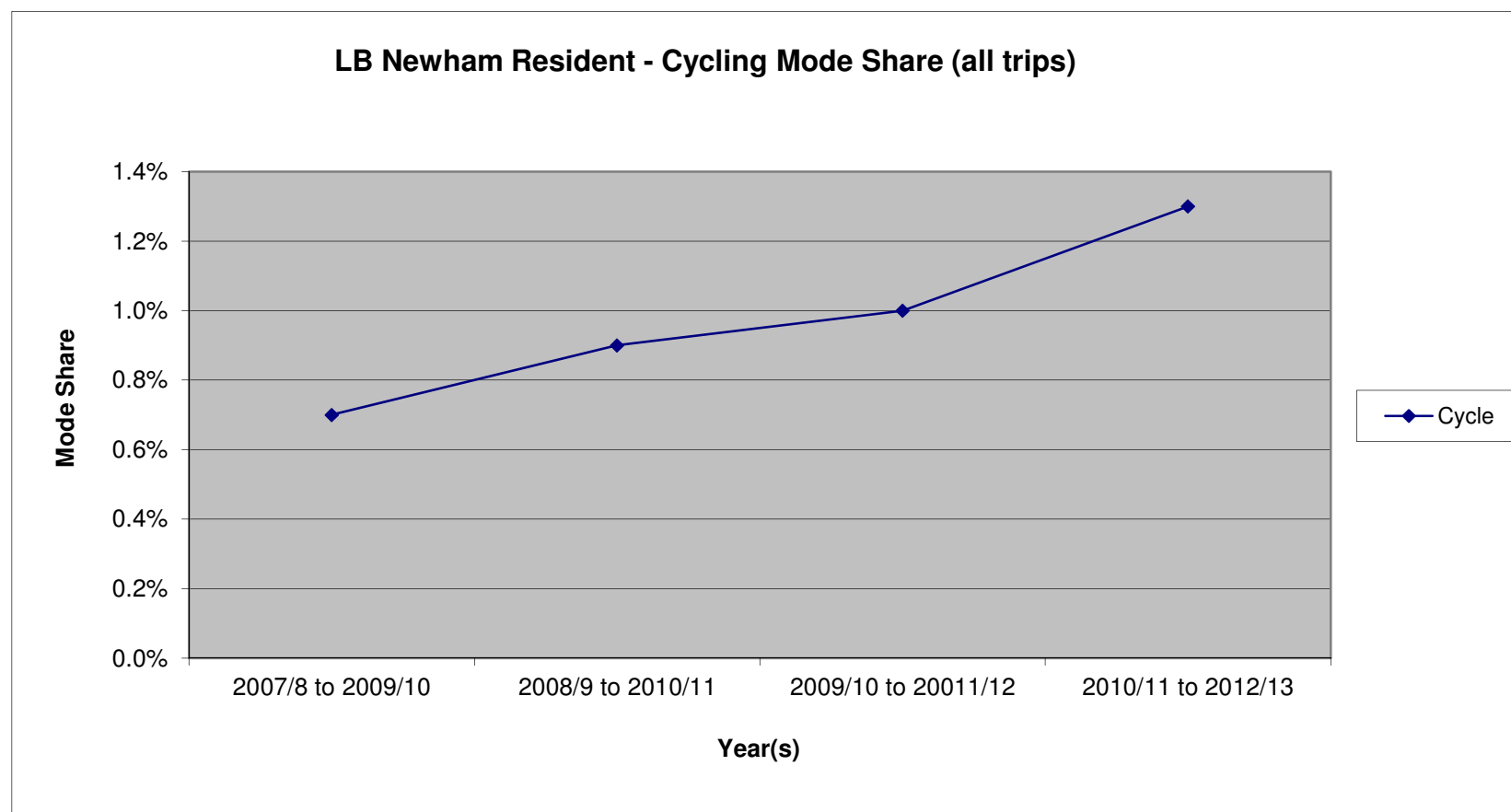
Newham London

Newham resident trips by sustainable mode share 2010/11 to 2012/13



Cycling in Newham

Newham London





Newham London

- Transport for London – London Cycling Design Standards (2005, 2014), available here:
<http://www.tfl.gov.uk/corporate/publications-and-reports/cycling>

Cycling Level of Service (CLoS) Assessment

- One tool in the process of planning and designing for cycling
- Aim is to provide an 'objective' assessment of conditions for cycling at the site (e.g. individual road level)
- Score out of 100:
 - Safety (48)
 - Directness (8)
 - Coherence (6)
 - Comfort (20)
 - Attractiveness (12)
 - Adaptability (6)

Cycling Level of Service (CLoS) Assessment



BASIC



GOOD



HIGHEST

- **Critical** – Flags an issue that should be resolved or mitigated for in order to ensure the safety of cyclists
- **Basic (<40%)** – Suitable for some existing cyclists
- **Good (40 – 70%)** – Suitable for most existing and at higher levels has some enticement effect
- **Highest (>70%)** – Suitable for all cyclists of every age and ability

Cycling Level of Service (CLoS) Assessment

- Safety (48)
 - Collision risk (20)
 - Left/right hooks (6)
 - Alongside/behind (6)
 - Kerbside activity/dooring (6)
 - Failure to give way (2)
 - Feeling of safety (20)
 - Separation from heavy traffic (2)
 - Speed of motor traffic (6)
 - Volume of motor traffic (6)
 - Interaction with HGVs (6)
 - Social safety (8)
 - Risk/fear of crime (2)
 - Lighting (2)
 - Isolation (2)
 - Highway design/behaviour (2)

Cycling Level of Service (CLOs) Assessment, e.g.

Newham London

Left Hook at Signalised Junctions

0



1



2



Separation in time and space?

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Cycling Level of Service (CLoS) Assessment

- Currently assessing all signed Newham cycling routes, and other roads on a scheme.
- Aim is for all Newham schemes to have CLoS assessment (before/after), with different design options rated.
- Annual 'Cycling Account' showing all schemes and change in CLoS (hopefully all better!).
- Started with Local Implementation Plan (LIP) schemes 2014/15, e.g. Upton Lane corridor scheme, **27** to **37**, mainly achieved through side road entry treatments, speed reduction measures, removal of pinch-points, more trees. Theoretical **73** (fully segregated).

Cycling Level of Service (CLoS) Assessment

- Next Steps:
 - More training on CLoS? (formal training available via Urban Design London)
 - Newham Cyclists to check CLoS scores of Newham schemes?
 - Help assess entire network?
 - Any questions: richard.wadey@newham.gov.uk