

# critical mass



On the last working Friday of every month in over 70 cities worldwide cyclists take to the streets campaigning for a better future for ourselves, our cities, for everyone.

Cycling is a part of the long term



urban transport solution. We are drawing attention to the current lack of cycling facilities for us.

Thank you for waiting for us. It is important for us to stay together for our safety. We would like to feel safe on our roads all the time.



*Sydney Critical Mass* meets at Hyde Park Fountain at:

- 5:30<sup>PM</sup> last Friday of month.



*Parramatta Critical Mass* meets at Parramatta Town Hall:

- 5.30<sup>PM</sup> first Thursday of every month

We ride for about an hour. Why not join us next month.

<http://nccnsw.org.au/member/cmass>  
Critical Mass info line: (02) 9614-0777

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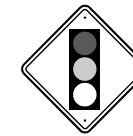
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## Solutions to Congestion

Reducing the number of cars by 10% during peak hour will increase average speed by approximately 10km/hr, which will reduce travel times by approximately 25%.  
Derived from: "A Guide to Traffic Engineering Practice", NAASRA.

If current road building practices continue, traffic congestion will increase 600%, air pollution will increase 36% and accident costs will increase 68%.  
"Road Transport Future Directions", 1991. A study undertaken on behalf of the Roads and Traffic Authority.

190 Critical Mass cyclists rode through a light phase at Taylor Square in the time ordinarily taken by 26 cars. This confirms overseas reports that a traffic light can regulate 6 times more bikes than cars.  
Critical Mass, February 1997.  
"Cycling in the City" 1993. C.R.O.W. Netherlands.

## Latent demand

NRMA's 1996 Monitor of Public Attitudes found 56% of people would reduce their car use if cycling and walking facilities were improved.

Passenger trips made by bicycle:

Netherlands	28%
Japan	20%
Denmark	18%
Australia	2%

PARKER Alan, November 1996. "Bicycle friendly roads are safer for all users." Velo Australis International Bicycle Conference.

## Health

Cycling 6 hours a week has the equivalent health benefit of stopping smoking 20 cigarettes per day.  
Roberts Ian, 1995. "Pedalling Health - Health Benefits of a Modal Transport Shift".

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