



Smart Cities - People Counters

Placemaking & Revitalisation Team

Methodology

Two people counters were installed in Dandenong in 2020 to provide real time people movement data at key locations. The data is collected by a fixed camera that covers an area approximately 3 x 3 metres and can differentiate;

- Time of day
- Day of week
- Gender
- Child / adult

The camera counts all movements as opposed to unique visits, therefore if the same person passes a location twice a day the Camera would register each passing.

This data provides insights into the daily, weekly and monthly patterns associated with pedestrian footfall in Activity Centres.

Using the Results

The data collected helps to understand how a place is performing such as when the activity peaks / troughs, how balanced the gender distribution is and to what extent children form part of the footfall mix.

This knowledge assists everyone to improve places so they attract and retain people by;

- Making evidence based decisions
- Implementing changes that are self sustaining
- Responding to the unique character of the place
- Measuring the impact of investment and intervention

People Counter Locations

Thomas Street- Located at the multideck car park (installed 6/2020)
Lonsdale Street - Located near Garnar Lane (installed 10/2020)
Langhorne & Walker Streets - Located near Drum (installed 10/2021)
Walker Street - Located at multideck car park (installed 10/2021)





People Counter - Thomas Street - February 2023

Placemaking & Revitalisation Team

Total footfall this month

49,158

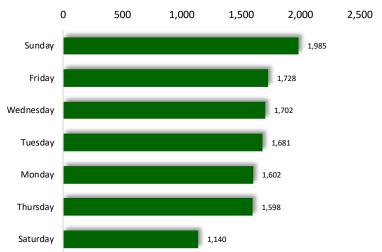
Footfall previous month

59,961

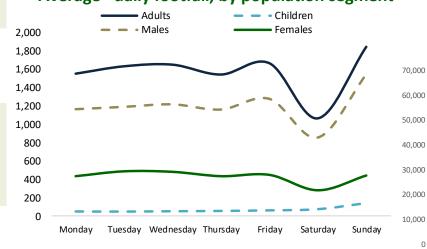
Change

Down -18.1 %

Average daily footfall, by day of the week

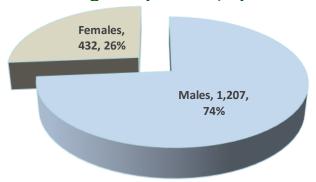


Average* daily footfall, by population segment

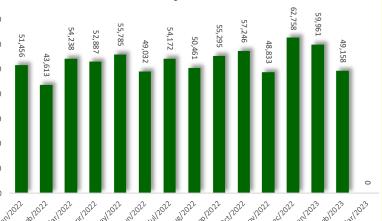


Average daily footfall

1,639







^{*} Average is for the each day for the entire month





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People Counter - Lonsdale Street - February 2023

Total footfall this month

32,698

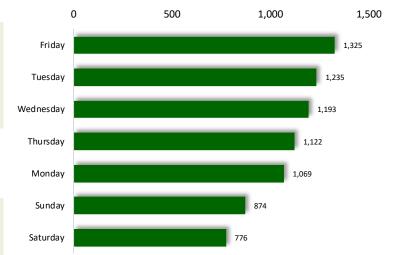
Footfall previous month

34,542

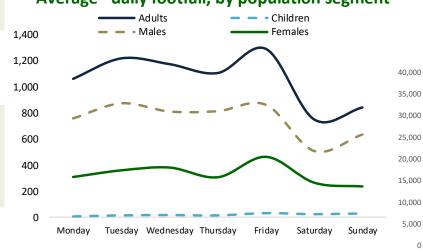
Change

Down -5.4 %





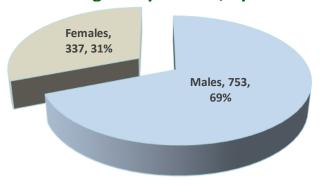
Average* daily footfall, by population segment



Average daily footfall

1,090

Average daily footfall, by sex





^{*} Average is for the each day for the entire month





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People Counter - Walker Street (Car park) – February 2023

Total footfall this month

27,506

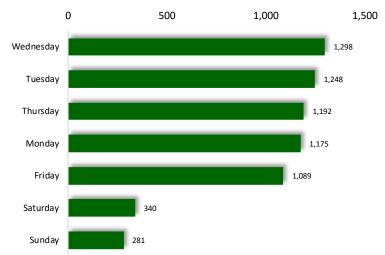
Footfall previous month

26,799

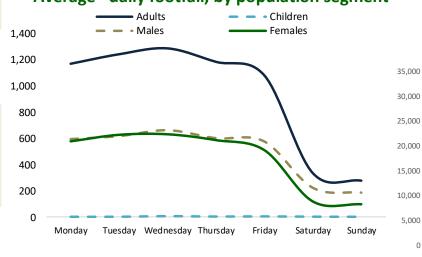
Change

Up 2.7 %

Average daily footfall, by day of the week

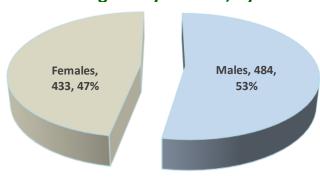


Average* daily footfall, by population segment



Average daily footfall

917







^{*} Average is for the each day for the entire month





People Counter - Langhorne & Walker Street (Drum Theatre) - February 2023

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Total footfall this month

32,026

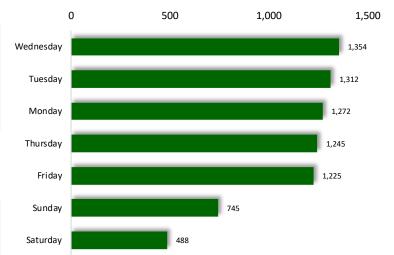
Footfall previous month

31,714

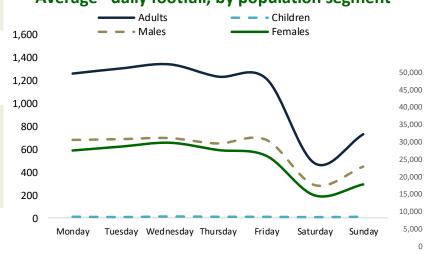
Change

Up 1 %

Average daily footfall, by day of the week



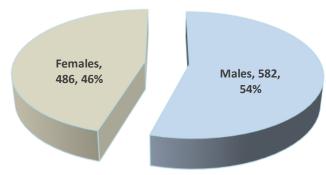
Average* daily footfall, by population segment



Average daily footfall

1,068

Average daily footfall, by sex





^{*} Average is for the each day for the entire month

SPRINGVALE ACTIVITY CENTRE





Smart Cities - People Counters

Placemaking & Revitalisation Team

Methodology

One people counter was installed in Springvale in 2021 to provide real time people movement data at key locations. The data is collected by a fixed camera that covers an area approximately 3 x 3 metres and can differentiate;

- Time of day
- Day of week
- Gender
- Child / adult

The camera counts all movements as opposed to unique visits, therefore if the same person passes the counter multiple times the Camera will register each passing.

This data provides insights into the daily, weekly and monthly patterns associated with pedestrian footfall in Activity Centres.

Using the Results

The data collected helps to understand how a place is performing such as when the activity peaks / troughs, how balanced the gender distribution is and to what extent children form part of the footfall mix.

This knowledge assists everyone to improve places so they attract and retain people by;

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People Counter Locations

Buckingham Ave - Located at Multicultural Place (installed July 2021)

Balmoral / Buckingham Corner

(installed October 2021)

SPRINGVALE ACTIVITY CENTRE





People Counter - Buckingham Ave (Multicultural Place) - February 2023

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Total footfall this month

202,271

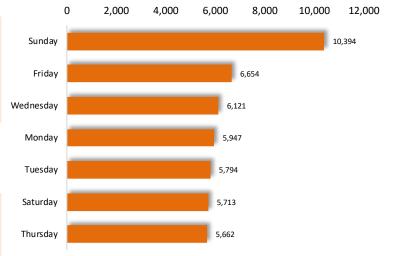
Footfall previous month

259,911

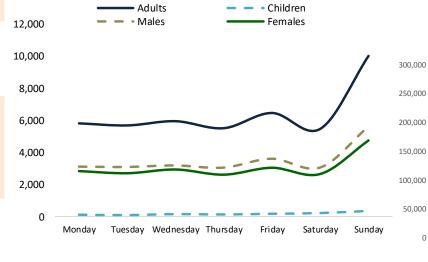
Change

Down -22.2 %

Average daily footfall, by day of the week



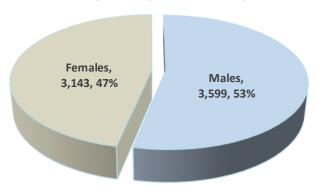
Average* daily footfall, by population segment

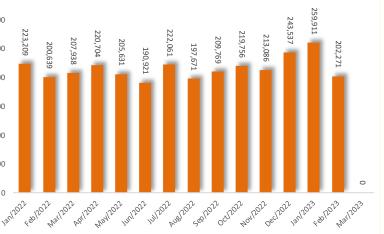


Average daily footfall

6,742

Average daily footfall, by sex





^{*} Average is for the each day for the entire month

SPRINGVALE ACTIVITY CENTRE





People Counter - Cnr Balmoral Ave / Buckingham Ave - February 2023

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Total footfall this month

135,199

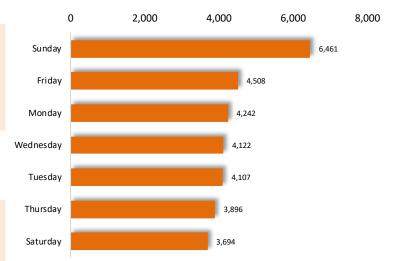
Footfall previous month

176,895

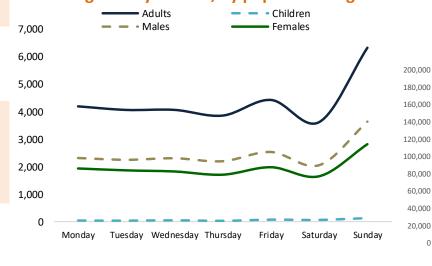
Change

Down -23.6 %

Average daily footfall, by day of the week



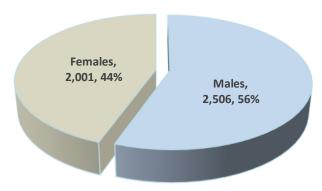
Average* daily footfall, by population segment

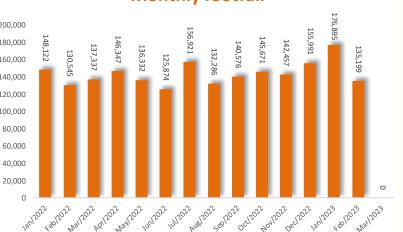


Average daily footfall

4,507

Average daily footfall, by sex





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People Counter Locations

Douglas Street – Located at the Toilet Block - (installed 11/2021)

Skate Park - Located near skyrail - (installed 11/2021)

Douglas Street - Located Commonwealth Bank - (installed 9/2022)

Aubrey Moss Gardens - Located opposite Coles - (installed 9/2022)

Buckley Street - Located near the Public Hall - (installed 9/2022)





People Counter - Aubrey Moss - February 2023

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Total footfall this month

2,625

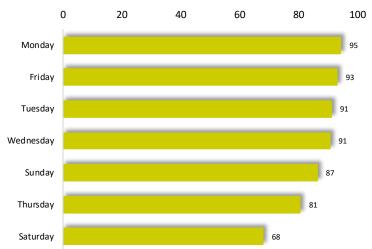
Footfall previous month

3,299

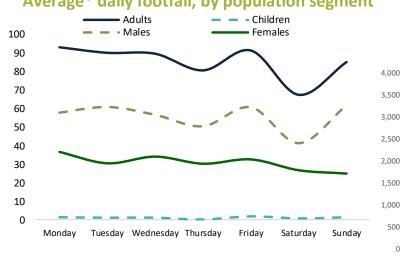
Change

Down -20.5 %





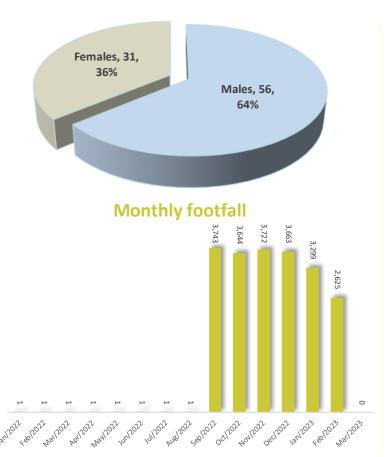
Average* daily footfall, by population segment



* Average is for the each day for the entire month

Average daily footfall

88







People Counter - Buckley Street - February 2023

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Total footfall this month

21,298

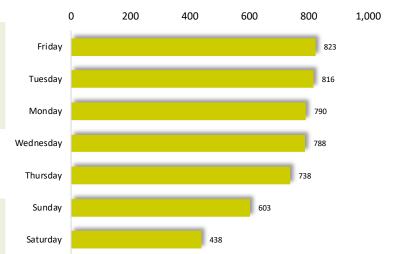
Footfall previous month

17,380

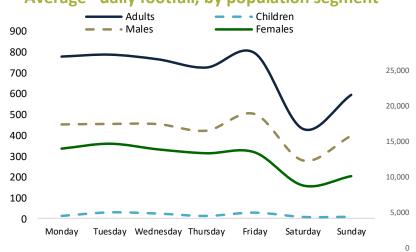
Change

Up 22.6 %





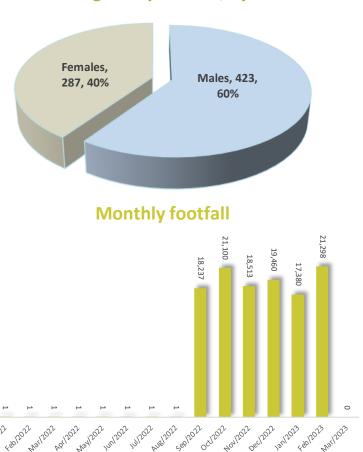
Average* daily footfall, by population segment



* Average is for the each day for the entire month

Average daily footfall

710







People Counter - Douglas Street - February 2023

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Total footfall this month

75,408

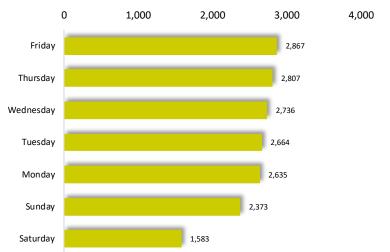
Footfall previous month

82,744

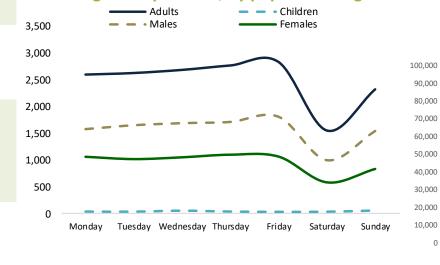
Change

Down -8.9 %





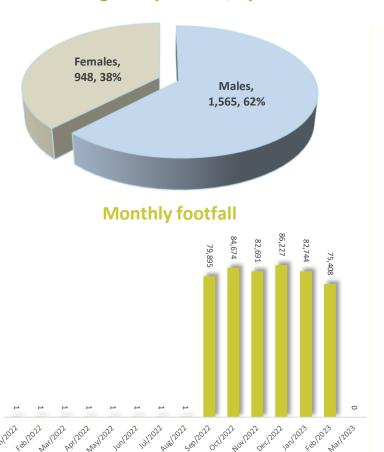
Average* daily footfall, by population segment



* Average is for the each day for the entire month

Average daily footfall

2,514







People Counter - Douglas Street (toilet block) - February 2023

Total footfall this month

36,675

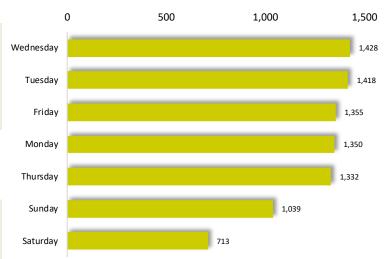
Footfall previous month

33,759

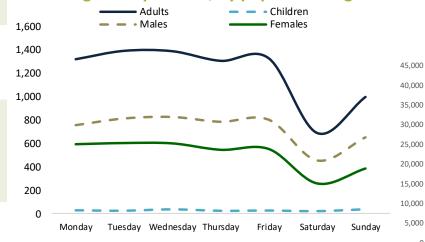
Change

Up 8.7 %

Average daily footfall, by day of the week



Average* daily footfall, by population segment

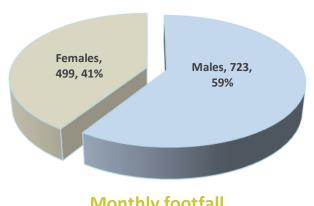


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Average daily footfall

1,223

Average daily footfall, by sex





^{*} Average is for the each day for the entire month





People Counter - Noble Park Skate Park (skyrail) - February 2023

Total footfall this month

5,116

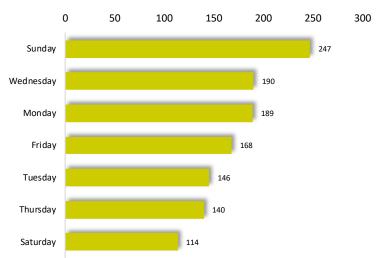
Footfall previous month

6,406

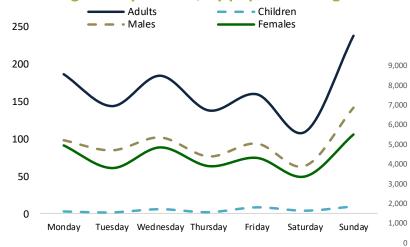
Change

Down -20.2 %





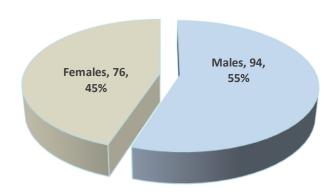
Average* daily footfall, by population segment



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Average daily footfall

171







^{*} Average is for the each day for the entire month