



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)





Placemaking & Revitalisation Team

People Counter - Thomas Street - December 2022

Total footfall this month

62,758

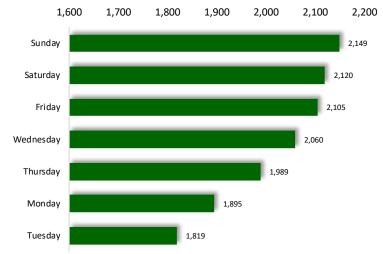
Footfall previous month

48,833

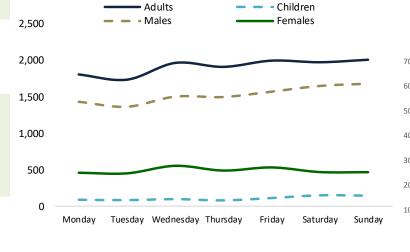
Change

Up 28.6 %





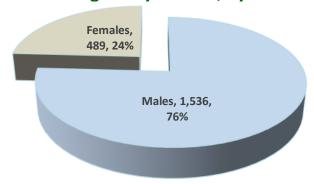
Average* daily footfall, by population segment



Average daily footfall

2,024

Average daily footfall, by sex





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





People Counter - Lonsdale Street - December 2022

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Total footfall this month

36,717

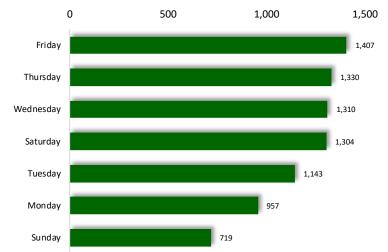
Footfall previous month

33,104

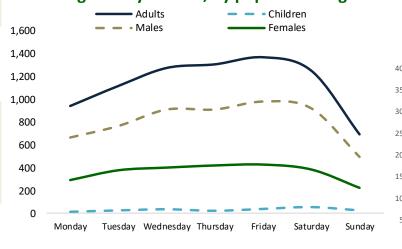
Change

Up 11 %





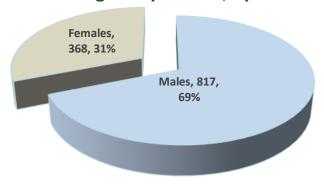
Average* daily footfall, by population segment



Average daily footfall

1,184

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) - December 2022

Total footfall this month

28,141

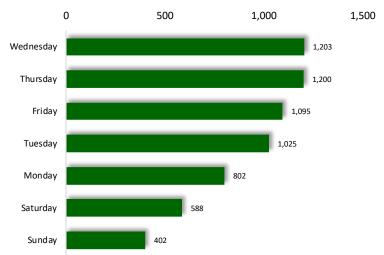
Footfall previous month

28,394

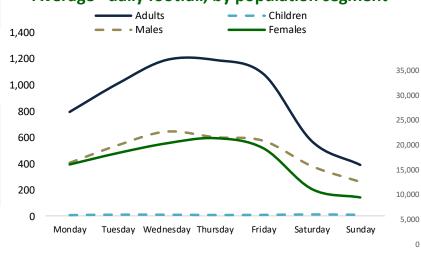
Change

Down -0.9 %

Average daily footfall, by day of the week



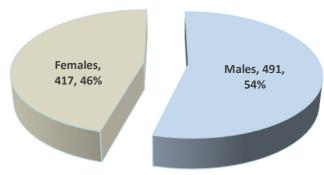
Average* daily footfall, by population segment

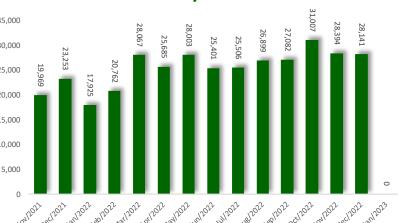


Average daily footfall

908

Average daily footfall, by sex





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





People Counter - Langhorne & Walker Street (Drum Theatre) – December 2022

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Total footfall this month

36,930

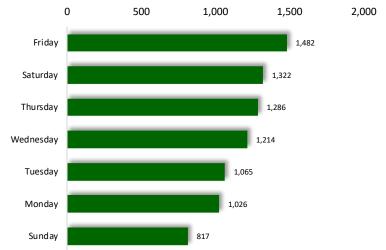
Footfall previous month

42,988

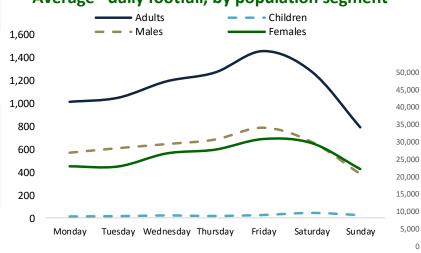
Change

Down -14.1 %





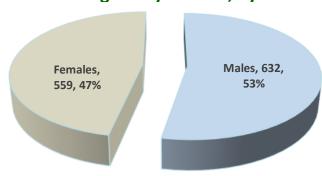
Average* daily footfall, by population segment



Average daily footfall

1,191

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) - December 2022

Placemaking & Revitalisation Team

Total footfall this month

243,537

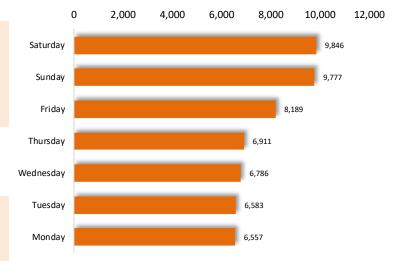
Footfall previous month

213,086

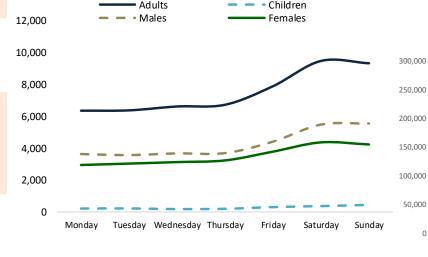
Change

Up 14.3 %

Average daily footfall, by day of the week



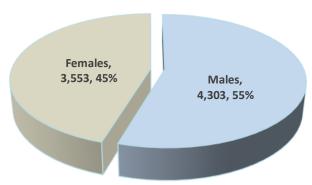
Average* daily footfall, by population segment

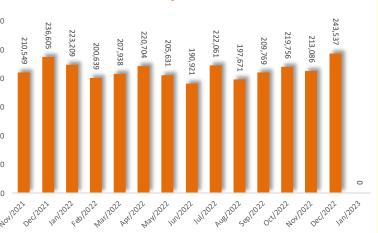


Average daily footfall

7,856

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 - December 2022

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Total footfall this month

155,991

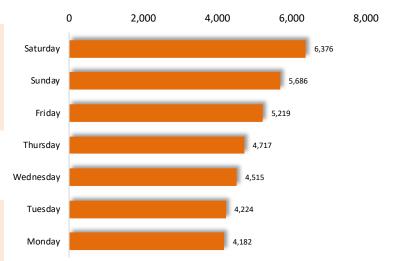
Footfall previous month

142,457

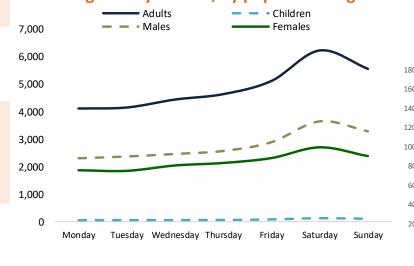
Change

Up 9.6 %

Average daily footfall, by day of the week



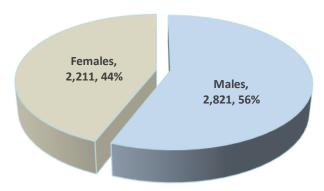
Average* daily footfall, by population segment

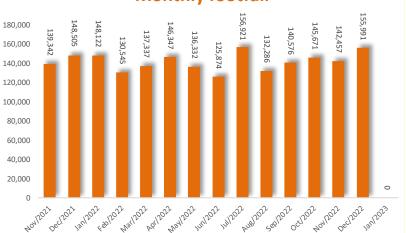


Average daily footfall

5,032

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 - December 2022

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Total footfall this month

3,663

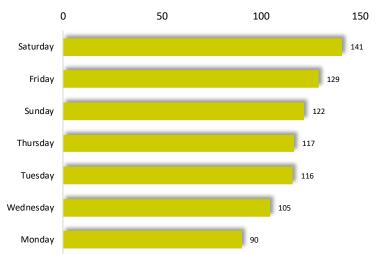
Footfall previous month

3,722

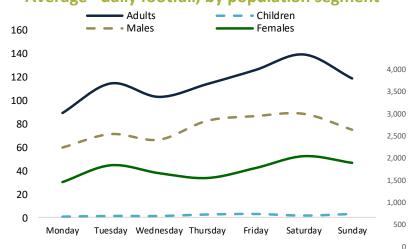
Change

Down -1.6 %





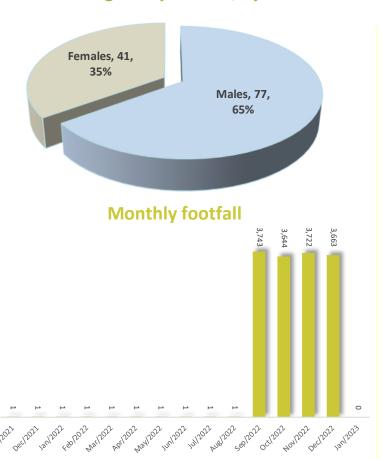
Average* daily footfall, by population segment



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

Average daily footfall

118







People Counter - Buckley Street - December 2022

Placemaking & Revitalisation Team

Total footfall this month

19,460

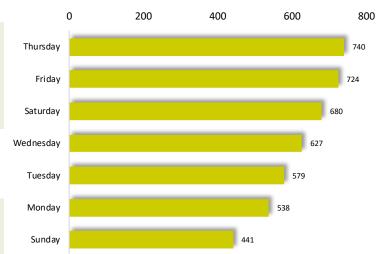
Footfall previous month

18,593

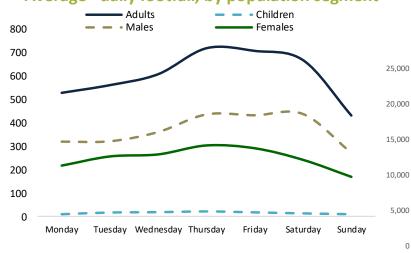
Change

Up 4.7 %

Average daily footfall, by day of the week



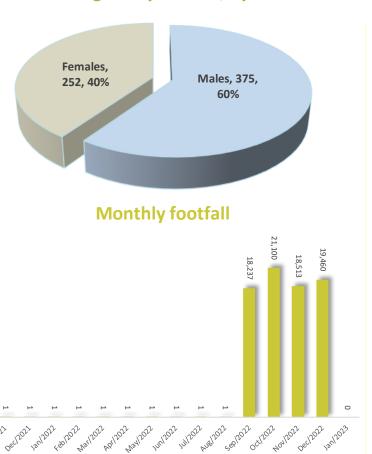
Average* daily footfall, by population segment



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

Average daily footfall

628







People Counter - Douglas Street - December 2022

Placemaking & Revitalisation Team

Total footfall this month

86,227

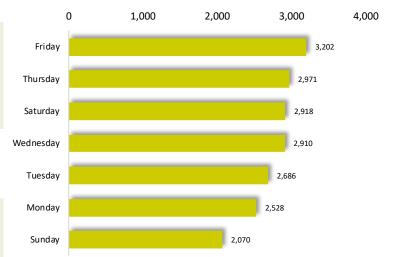
Footfall previous month

82,691

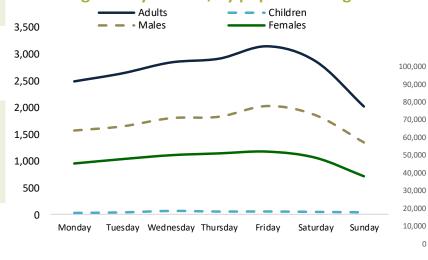
Change

Up 4.3 %

Average daily footfall, by day of the week



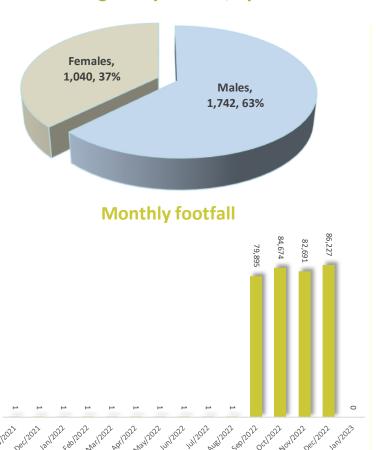
Average* daily footfall, by population segment



* Average is for the each day for the entire month

Average daily footfall

2,782







People Counter - Douglas Street (toilet block) - December 2022

Total footfall this month

38,478

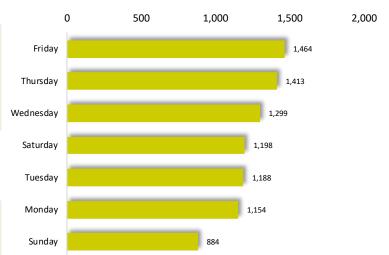
Footfall previous month

39,498

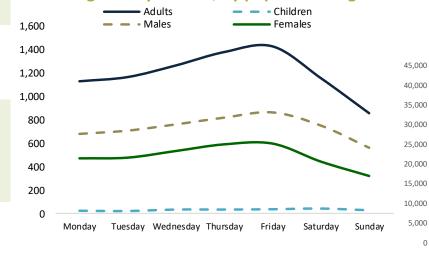
Change

Down -2.6 %

Average daily footfall, by day of the week



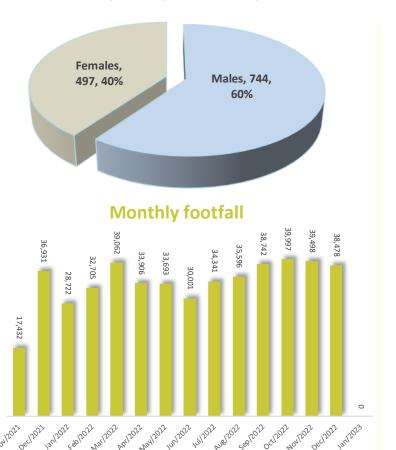
Average* daily footfall, by population segment



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Average daily footfall

1,241



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





People Counter - Noble Park Skate Park (skyrail) - December 2022

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Total footfall this month



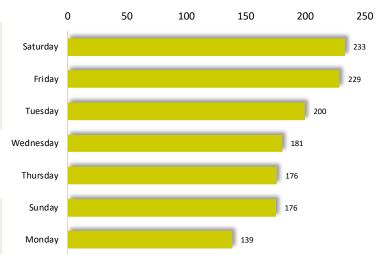
Footfall previous month

5,750

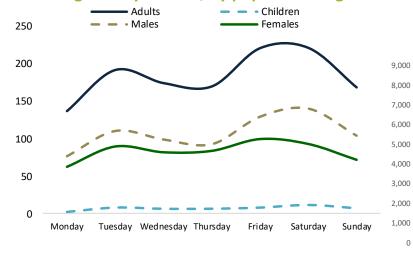
Change

Up 4 %





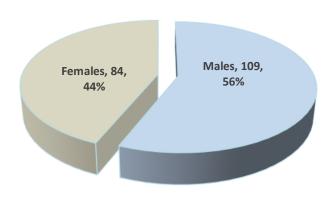
Average* daily footfall, by population segment



Average daily footfall

193

Average daily footfall, by sex



Monthly footfall



* Average is for the each day for the entire month