Smart Cities - People Counters



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 – October 2022



REATER

Placemaking & Revitalisation Team

DANDENONG City of Opportunity

People Counter - Lonsdale Street – October 2022



* Average is for the each day for the entire month

Average daily footfall

1,215

Average daily footfall, by sex



Monthly footfall



Placemaking & Revitalisation Team

REATER

DANDENONG City of Opportunity



Placemaking & Revitalisation Team







Placemaking & Revitalisation Team

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





* Average is for the each day for the entire month

Average daily footfall

1,212

Average daily footfall, by sex



Monthly footfall



SPRINGVALE ACTIVITY CENTRE

Smart Cities - People Counters



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;

- 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

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

Balmoral / Buckingham Corner (installed October 2021)

SPRINGVALE ACTIVITY CENTRE

People Counter - Buckingham Ave (Multicultural Place) - October 2022







CREATER

City of Opportunity

SPRINGVALE ACTIVITY CENTRE



People Counter - Cnr Balmoral Ave / Buckingham Ave – October 2022





* Average is for the each day for the entire month

Fridav

180.000

160,000 140,000

120,000

100,000 80,000

60,000

40,000 20,000 Ω

Sunday

Saturday



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

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)



Placemaking & Revitalisation Team

Average daily footfall

118

Average daily footfall, by sex

Monthly footfall

May22

1417-22

WILL AVEN SEPT OCTIN NOVIN

Males, 73, 62%

Females, 45,

38%

200

4,000

3,500

3.000

2,500

2,000 1.500

1,000

500

0

150

145

Children

Females

Friday

Saturday

Sunday

117

105

103

95

159

People Counter - Aubrey Moss – October 2022











0

111.22

Jun-22

May22

0

AUE22

Sepil

00000222









00000

AUBIL SEPIL

May22

1411-22

111-22



GREATER DANDENONG

City of Opportunity



GREATER DANDENONG

City of Opportunity