**Data support from AUO to demonstrate the FILTER platform**

Note: The AUO data will be only requested for the FB precinct area and the benchmark area. The data details will be negotiated/adjusted based on the needs of FILTER demonstrator.

**Table 1**: AUO Data request

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **AUO indicator** | **Spatial scale** | **Time period** | **Area of interest** | **Calculation for the benchmark areas #** | **Data type** |
| Walkability index | SA1 | 2018, 2021, 2024 | Within FB’s boundary | Average of other precinct SA1s in Melbourne | Shapefile or CSV |
| Percentage of dwellings within 400m of  any of **public transport** **stops** based on a walkable  road network distance | SA1,  or sampled points\* | 2018, 2021, 2024 | Within FB’s boundary | Average of other precinct SA1s in Melbourne |  |
| Social infrastructure index - The average number of **social infrastructure destinations** accessible within  recommended distances from dwellings within an area (Table 2) | SA1 | 2018, 2021, 2024 | Within FB’s boundary | Average of all SA1s in Melbourne |  |
| Percentage of dwellings located within1600m (or other distance) of a **primary/secondary school** | SA1,  Or sampled points\* | 2018, 2021, 2024 | Within FB’s boundary | Average of all SA1s in Melbourne |  |
| Percentage of dwellings located within 1000m (or other distance) of a **community centre** | SA1,  or sampled points\* | 2018, 2021, 2024 | Within FB’s boundary | Average of all SA1s in Melbourne |  |
| Percentage of dwellings located within 1000m (or other distance) of a **health facility** | SA1,  or sampled points\* | 2018, 2021, 2024 | Within FB’s boundary | Average of all SA1s in Melbourne |  |
| Percentage of dwellings located within 400m of **public open space** | SA1,  or sampled points\* | 2018, 2021, 2024 | Within FB’s boundary | Average of all SA1s in Melbourne |  |
| **Housing affordability** **stress** -  Percentage of households in the  bottom 40 percent of income spend  more than 30 percent of their household income on housing cost  income on housing costs | SA1 | 2018, 2021, 2024 | Within FB’s boundary | Average of all SA1s in Melbourne |  |
|  |  |  |  |  |  |

**\*** The AUO data collected/measured from the AUO sampled points can be used to generate the aggregate measure at the mesh block (MB) level, that can support the FILTER platform visualise the internal variation within a SA1.

# Indicator data are also requested for the benchmark area, from which the data for the FB precinct area (area of interest) will be compared against in the FILTER platform. The benchmark area can be the whole Melbourne metro area or other similar precinct areas (e.g. employment/activity centres) in Melbourne. The benchmark area will be provided once the data request idea is agreed.

If the percentage of dwellings is not available, the indicator for that area can be alternatively measured by the average distance from dwellings to a destination type.

FB - Fishermans Bend

**Table 2:** AUO distance thresholds

|  |  |  |
| --- | --- | --- |
| **Destination domain** | **Destination** | **Distance Threshold (m)** |
| Community Centres | Community centres | 1000 |
| Culture & Leisure | Museum/Art gallery | 3200 |
|  | Cinema/Theatre | 3200 |
|  | Libraries | 1000 |
| Early Years | Childcare | 800 |
|  | Out of school hours care | 1600 |
| Education | Government primary schools | 1600 |
|  | Government secondary schools | 1600 |
| Health and Social Services | Residential aged care facilities | 1000 |
|  | Dentists | 1000 |
|  | General practitioners (GP) | 1000 |
|  | Maternal, child and family health centers | 1000 |
|  | Other community health care centers | 1000 |
|  | Pharmacies | 1000 |
| Sport and Recreation | Public swimming pools | 1200 |
|  | Sports facilities | 1000 |