

2017-21

**Liveability and Wellbeing Indicators**

Local governments can significantly influence community health at different life-stages, through supporting the development of healthy places, environments, education and services. Wyndham’s Liveability and Wellbeing Indicators are a list of measures that monitor health, wellbeing and safety outcomes of the Community. They inform the Wyndham City Plan 2017-21, which integrates the Community Health, Wellbeing and Safety Plan.

The four overarching themes in the City Plan and Wyndham 2040 Community Vision cover priorities in relation to People and Community, Places and Spaces, Earning and Learning, and Leadership and Participation. In order to monitor the health status of the Wyndham Community, Council formulated Liveability and Wellbeing Indicators to align with each of the four key themes.

In conjunction with the Liveability and Wellbeing Indicators, Council has developed a series of Health Profiles, which can be accessed here: <https://www.wyndham.vic.gov.au/about-council/wyndham-community/community-profiles>

To develop the Liveability and Wellbeing Indicators, Council officers undertook an extensive review of the *Liveable, Health, and Sustainable: What are Key Indicators for Melbourne Neighbourhoods? Research Program*, developed by the Victorian Department of Health and the University of Melbourne. Appropriate indicators for Wyndham’s priorities were collated and data availability and quality assessed. The aim of the project is to monitor Wyndham’s performance on these indicators over time, thus each measure had to be taken from a reliable source that is scheduled for regular updates.

* *People and Community*: focus on factors that impact physical and mental health, such as excessive weight, anxiety and depression, and exposure to crime.
* *Places and Spaces*: factors that create healthy physical environments, such having access to housing and transport, adequate areas of open space, and reduced carbon emissions.
* *Earning and Learning*: monitor access to employment, levels of engagement in education and areas of the municipality experiencing disadvantage.
* *Leadership and Participation*: community focused; measure attitudes to multiculturalism, level of social isolation, and participation in community groups and volunteering.

The following table presents Wyndham data and a comparison area, for each Liveability and Wellbeing indicator. Where data was not available, N/D (no data) is inserted.

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| **Indicator** | **Measure** | **Year** | **Wyndham** | **Melton** | **Hume** | **Casey** | **Cardinia** | **Whittlesea** | **North West Metro** | **Greater Melbourne** | **Victoria** | **Source** |
| **People and Community** | | | | | | | | | | | | |
| **Subjective wellbeing** | Average  (0-100) | 2015 | 76.8 | 74.2 | 75.9 | 77.1 | 78.2 | 76.9 | N/D | N/D | 77.3 | VicHealth Indicators Survey |
| **Adult population that is obese** | % | 2014 | 25.1 | 27.2 | 26.3 | 25.2 | 24.9 | 24.1 | 19.6 | N/D | 18.8 | Victorian Population Health Survey: Report 1 |
| **Adults engaged in sufficient amount of physical activity each week (>150 mins, >2 sessions)** | % | 2014 | 35.2 | 34.0 | 41.4 | 39.3 | 39.1 | 31.4 | 39.0 | N/D | 41.4 | Victorian Population Health Survey: Report 1 |
| **Serves per day of vegetables** | Average | 2015 | 2.1 | 2.1 | 2.0 | 2.0 | 2.4 | 2.0 | N/D | N/D | 2.2 | VicHealth Indicators Survey |
| **Fully Immunised Children** |  | | | | | | | | | | | |
| **12-15 months** | % | 2015 | 90.7 | 91.3 | 89.8 | 90.5 | 90.9 | 92.9 | N/D | N/D | 91.2 | Australian Childhood Immunisation Registry. Accessed via VCAMS |
| **24-27 months** | % | 2015 | 89.0 | 89.9 | 89.0 | 89.5 | 90.0 | 9.2 | N/D | N/D | 89.6 | Australian Childhood Immunisation Registry. Accessed via VCAMS |
| **60-63 months** | % | 2015 | 92.4 | 93.4 | 94.2 | 93.4 | 93.2 | 93.9 | N/D | N/D | 92.6 | Australian Childhood Immunisation Registry. Accessed via VCAMS |
| **Lifetime risk of alcohol-related harm** | % | 2014 | 51.7 | 38.6 | 47.0 | 52.6 | 62.0 | 48.0 | 54.0 | N/D | 59.0 | Victorian Population Health Survey: Report 1 |
| **Current smokers** | % | 2014 | 13.1 | 11.8 | 15.5 | 16.3 | 18.4 | 15.1 | 13.0 | N/D | 13.1 | Victorian Population Health Survey: Report 1 |
| **Lifetime prevalence of depression or anxiety** | % | 2014 | 23.2 | 21.7 | 20.1 | 25.0 | 28.9 | 21.9 | 22.5 | N/D | 24.2 | Victorian population Health Survey 2014 : Report 2 |
| **Electronic gaming machines** | No. per 1,000 adults | 2016 | 5.68 | 5.03 | 5.53 | 4.04 | 4.15 | 3.17 | N/D | N/D | N/D | Victorian Responsible Gambling Foundation |
| **Wyndham residents' perception of safety in public areas of Wyndham during the day** | Rating out of 10 | 2016 | 7.95 | N/D | N/D | N/D | N/D | N/D | N/D | N/D | N/D | Annual Community Satisfaction Survey |
| **Incidents of family violence** | Per 100,000 population | 2016/17 | 1,251 | 1,494 | 1,498 | 1,494 | 1,316 | 1,251 | 1,168 | N/D | 1,262 | Crime Statistics Agency |
| **Offence rate** | Per 100,000 population | 2016/17 | 6,455 | 8,167 | 10,846 | 7,900 | 6,876 | 7,946 | *9,884* | N/D | 8,825 | Crime Statistics Agency |

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| **Indicator** | **Measure** | **Year** | **Wyndham** | **Melton** | **Hume** | **Casey** | **Cardinia** | **Whittlesea** | **North West Metro** | **Greater Melbourne** | **Victoria** | **Source** |
| **Places and Spaces** | | | | | | | | | | | | |
| **SA1s per LGA in high or very high vulnerability category on VAMPIRE Index** | % | 2011 | 81.3 | 94.6 | 80.6 | 89.7 | 97.4 | 75.4 | N/D | N/D | N/D | Vulnerability Analysis of Mortgage, Petroleum and Inflation Risks and Expenditure Index. Data accessed via Australian Urban Infrastructure Research Network |
| **Households experiencing housing stress** | No. (%) | 2011 | 7,094 (12.9) | 4,852 (13.4) | 8,305 (15.3) | 10,989 (13.3) | 3,071 (11.9) | 6,522 (12.6) | N/D | 160,510 (10.7) | 215,220 (10.6) | Australian Bureau of Statistics, Census of Population and Housing 2011. Compiled and presented by .id Consulting |
| **Workers using public transport to commute on census day (train and bus)** | % | 2011 | 11.4 | 8.6 | 8.8 | 7.1 | 5.1 | 8.5 | N/D | 11.3 | 9.2 | ABS census of population and housing. Compiled and presented by .id Consulting |
| **Residents who believe public transport is an issue for Council to address in the next 12 months** | % | 2016 | 7.40 | 9.6 | N/D | N/D | N/D | N/D | N/D | N/D | N/D | Annual Community Satisfaction Survey |
| **Wyndham residents who take 90 minutes or more to travel to and from work (high)** | % | 2016 | 25.70 | N/D | N/D | N/D | N/D | N/D | N/D | N/D | N/D | Annual Community Satisfaction Survey |
| **Percentage of various dwelling structures (medium density)** | % | 2016 | 16.2 | 12.0 | 13.6 | 10.3 | 8.3 | 15.5 | N/D | 22.9 | 19.4 | Australian Bureau of Statistics, Census of Population and Housing 2016. Compiled and presented by .id Consulting |
| **Open space** | Hectares per 1,000 population | 2014 | 13.1 | 21.4 | 15.9 | 14.2 | 220.4 | 56.3 | N/D | N/D | N/D | Victorian Planning Authority (VPA). Accessed via VPA Open Data Site |
| **Dangerous heat days per year\*** | No. days 40 degrees + | 2016 | 3 | 3 | 3 | 0 | 0 | 3 | N/D | N/D | N/D | Australian Government Bureau of Meteorology |
| **Annual rainfall in Wyndham\*** | Millilitres | 2016 | 534.8 | 480.0 | 615.6 | 837.2 | 875.0 | 559.4 | N/D | N/D | N/D | Australian Government Bureau of Meteorology |
| **Tree canopy** | % | 2014 | 3.1 | 6.3 | 7.9 | 12.6 | 32.2 | 18.8 | N/D | N/D | N/D | University of Technology of Sydney, Benchmarking Australia’s  Urban Tree Canopy:  An i-Tree Assessment |
| **Amount of waste recycled each year by households** | Average kg | 2014 -15 | 258 | 243 | 243 | 278 | 261 | 258 | N/D | N/D | 245 | Sustainability Victoria - Victorian Local Government Annual Waste Services Report |
| **Council's annual greenhouse gas emissions** | Tonnes Co2 | 2015/16 | 27606 | N/D | N/D | N/D | N/D | N/D | N/D | N/D | N/D | Council's annual greenhouse gas emissions (tonnes CO2) |

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| **Indicator** | **Measure** | **Year** | **Wyndham** | **Melton** | **Hume** | **Casey** | **Cardinia** | **Whittlesea** | **North West Metro** | **Greater Melbourne** | **Victoria** | **Source** |
| **Earning and Learning** | | | | | | | | | | | | |
| **Gross Regional Product and percentage contribution to Victorian Gross Domestic Product** | Billions $ (%) | 2016 | 8.45  (2.28) | 3.25 (0.89) | 12.5 (3.38) | 7.7 (2.06) | 2.9  (0.78) | 6.4  (1.72) | N/D | 301.3 | 370.9 | National Institute of Economic and Industry Research (NIEIR) ©2016. Compiled and presented by .id Consulting |
| **Socio-Economic Index for Areas - Index of Relative Socio-Economic Disadvantage Score** | SEIFA score | 2011 | 1013 | 1002 | 952 | 1007 | 1024 | 989 | N/D | N/D | N/D | Australian Bureau of Statistics, SEIFA by LGA |
| **Local jobs growth** | % | 2016 | 8.10 | 5.02 | 6.49 | 3.16 | 4.04 | 2.76 | N/D | N/D | 2.06 | National Institute of Economic and Industry Research (NIEIR) data analysed and presented by .id Consulting |
| **People that live and work in their Local Government Area** | % | 2011 | 30.0 | 18.4 | 34.2 | 24.0 | 29.2 | 25.8 | N/D | N/D | N/D | Australian Bureau of Statistics, Census of Population and Housing 2011 Compiled by ID Consulting |
| **Percentage of labour force who are looking for work** | % | 2017 | 7.3 | 8.6 | 10.2 | 7.2 | 6.6 | 6.9 | N/D | N/D | 6.1 | Department of Employment, Small area labour markets March 2017 |
| **Percentage of 15-25 year olds not engaged at all in work or study** | % | 2011 | 6.90 | 7.37 | 8.11 | 6.19 | 6.10 | 5.96 | N/D | 4.65 | 5.34 | ABS Census of Population and Housing |
| **Percentage of students achieving national benchmark in literacy 2015** |  | | | | | | | | | | | |
| **Year 3** | % | 2015 | 93.6 | 93.2 | 89.9 | 94.1 | 95.2 | 94.9 | N/D | N/D | 95.5 | NAPLAN - Data.vic.gov.au |
| **Year 5** | % | 2015 | 92.5 | 92.2 | 89.1 | 93.6 | 96.0 | 94.4 | N/D | N/D | 94.3 | NAPLAN - Data.vic.gov.au |
| **Year 7** | % | 2015 | 95.1 | 94.3 | 93.5 | 95.0 | 96.2 | 95.9 | N/D | N/D | 94.3 | NAPLAN - Data.vic.gov.au |
| **Year 9** | % | 2015 | 90.7 | 89.9 | 90.0 | 91.6 | 88.8 | 89.8 | N/D | N/D | 93.5 | NAPLAN - Data.vic.gov.au |
| **Percentage of students achieving national benchmark in numeracy** |  | | | | | | | | | | | |
| **Year 3** | % | 2015 | 93.4 | 92.6 | 88.7 | 94.0 | 95.7 | 93.9 | N/D | N/D | 95.3 | NAPLAN - Data.vic.gov.au |
| **Year 5** | % | 2015 | 94.1 | 94.5 | 92.0 | 95.2 | 97.4 | 95.8 | N/D | N/D | 95.8 | NAPLAN - Data.vic.gov.au |
| **Year 7** | % | 2015 | 96.1 | 95.0 | 94.5 | 96.4 | 97.3 | 96.6 | N/D | N/D | 96.3 | NAPLAN - Data.vic.gov.au |
| **Year 9** | % | 2015 | 94.3 | 93.1 | 94.0 | 95.1 | 94.7 | 94.1 | N/D | N/D | 95.1 | NAPLAN - Data.vic.gov.au |
| **Children vulnerable on two or more domains of the AEDC** | % | 2015 | 13.3 | 10.2 | 14.9 | 11.9 | 10.0 | 9.7 | N/D | N/D | 9.9 | Australian Early Development Census |
| **Number of adults participating in learning and skills programs offered at Wyndham libraries** | No. | 2015/16 | 4714 | N/D | N/D | N/D | N/D | N/D | N/D | N/D | N/D | Annual Community Satisfaction Survey |
| **Percentage adult population attending University or TAFE (18+ years)** | % | 2016 | 8.2 | 7.0 | 8.6 | 7.9 | 6.5 | 8.8 | N/D | 10.4% | 9.1% | Australian Bureau of Statistics, [Census of Population and Housing](http://www.abs.gov.au/census)2016. |

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| **Leadership and Participation** | | | | | | | | | | | | |
| **Individual's level of resilience** | Average  (0-8) | 2015 | 6.1 | 6.2 | 6.3 | 6.3 | 6.6 | 6.1 | N/D | N/D | 6.4 | VicHealth Indicator Survey - abbreviated Connor-Davidson Resilience Scale (CD-RISC 2) |
| **Adults experiencing high or very high levels of social isolation** | % | 2014 | 20.3 | 20.2 | 20.5 | 21.2 | 20.1 | 19.7 | 18.5 | N/D | 17.3 | Victorian Population Health Survey: Repot 3 |
| **Proportion of adults who cannot access help from friends, family and neighbours when needed.** |  | | | | | | | | | | | |
| **Family** | % | 2014 | 6.2 | 7.1 | 6.6 | 6.3 | 7.6 | 6.1 | 6.5 | N/D | 6.6 | Victorian Population Health Survey: Repot 3 |
| **Friends** | % | 2014 | 4.1 | 4.9 | 7.3 | 5.5 | 4.7 | 7.0 | 6.3 | N/D | 5.0 | Victorian Population Health Survey: Repot 3 |
| **Neighbours** | % | 2014 | 28.1 | 27.7 | 25.2 | 24.3 | 21.7 | 26.8 | 26.0 | N/D | 23.6 | Victorian Population Health Survey: Repot 3 |
| **Adults who agree that multiculturalism (as a general concept) made life in their area better** | % | 2014 | 48.8 | 48.0 | 52.8 | 44.4 | 34.9 | 45.3 | 58.6 | N/D | 55.4 | Victorian Population Health Survey: Repot 3 |
| **Adults who belong to an organised community group (sports, religious, school, professional, other)** |  | | | | | | | | | | | |
| **Sports** | % | 2004 | 20.2 | 17.2 | 24.2 | 20.7 | 23.0 | 24.3 | 22.9 | N/D | 25.7 | Victorian Population Health Survey: Repot 3 |
| **Religious** | % | 2014 | 15.3 | 25.0 | 19.6 | 22.7 | 13.3 | 20.5 | 18.9 | N/D | 18.6 | Victorian Population Health Survey: Repot 3 |
| **School** | % | 2014 | 12.2 | 9.7 | 13.6 | 11.8 | 11.9 | 9.3 | 12.3 | N/D | 13.7 | Victorian Population Health Survey: Repot 3 |
| **Professional** | % | 2014 | 16.7 | 11.4 | 13.9 | 12.7 | 12.0 | 17.6 | 23.0 | N/D | 23.7 | Victorian Population Health Survey: Repot 3 |
| **Other** | % | 2014 | 13.8 | 10.9 | 15.7 | 16.4 | 20.4 | 16.7 | 18.6 | N/D | 19.4 | Victorian Population Health Survey: Repot 3 |
| **Population (15 years +) that volunteered in the last 12 months** | % | 2016 | 13.9 | 12.5 | 11.8 | 14.0 | 18.2 | 11.6 | N/D | 17.6 | 19.2 | Australian Bureau of Statistics, Census of Population and Housing 2016. |

**\*Notes:**

Station locations where dangerous heat days and rainfall were recorded are as follows

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|  | **Wyndham** | **Melton** | **Hume** | **Casey** | **Cardinia** | **Whittlesea** |
| **Temperature** | Laverton RAFF | Melbourne Airport | Essendon Airport | Cranbourne Botanic gardens | Ferny Creek | Bundoora |
| **Rainfall** | Laverton RAFF | Melton | Essendon Airport | Cranbourne Botanic gardens | Lang Lang | Yan Yean |