North Metropolitan Local Government Network

Topic: North metropolitan demographic, social and health data: understanding the health and wellbeing of our population

Wednesday 19 October 2022 10am-11.30am

Acknowledgement to Country

I would like to acknowledge the Noongar people as the traditional owners and custodians of the land on which we are meeting and pay respect to Aboriginal and Torres Strait Islander elders, both past, present and emerging.

North Metropolitan Health Service recognises, respects and values Aboriginal and Torres Strait Islander culture as we walk a new path together.

Agenda

Item	Presenter	Time
Welcome & Introductions House-keeping	Assunta Di Francesco	10.00am -10.05am
Acknowledgement of Country	Assunta Di Francesco	10.05am -10.10am
Ice-breaker	Assunta Di Francesco Krista Coward	10.10am -10.30am
Meet the new Health Promotion Team	Krista Coward	10.30am -10.35am
NMHS data – understanding the health & wellbeing of our population	Tim Landrigan James Gibson	10.35am-11.25am
Evaluation		11.25am-11.30am
Close & next meeting: 2 Dec 2022 2.00pm-3.30pm	Assunta Di Francesco	11.30am

Ice-breaker

- 1. Name
- 2. Role
- 3. Local Government
- 4. One thing your local government does really well in promoting the health and wellbeing of its community

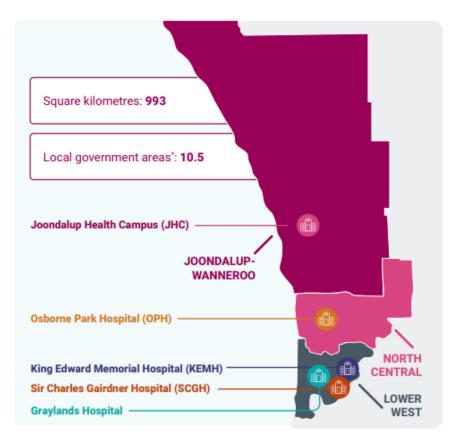
About us - NMHS Health Promotion

Work across the north metropolitan area

Partner with other agencies and community to support our population to experience the best possible health, wellbeing and quality of life

Focus on reducing the main lifestyle risk factors causing the greatest burden of disease:

- tobacco smoking
- poor diet
- overweight and obesity
- physical inactivity
- harmful levels of alcohol use
- injury



Total population: 736,907 people





NMHS Health Promotion

Healthy Service Lead NMHS action on mandatory WA Health System health promotion policies on smoking and healthy food options.

Health Promotion Healthy Population

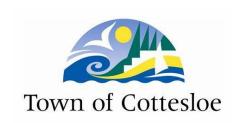
Partner with local governments to develop comprehensive interventions that support healthy lifestyles for the community at large, complemented by targeted strategies.

Priority Communities Collaborate with local service providers and communities at high risk of poor health to develop tailored interventions to help prevent chronic disease.

Portfolio leads for the topic areas of smoking, nutrition, alcohol, physical activity, injury prevention, CaLD community, Aboriginal community, research and evaluation, and demographics and local health data.

Healthy Population Team

11 local government areas

























Lower West Health District





















Population health data for Local Governments

Tim Landrigan, Manager Analysis

Epidemiology Directorate Department of Health

Acknowledgement of country

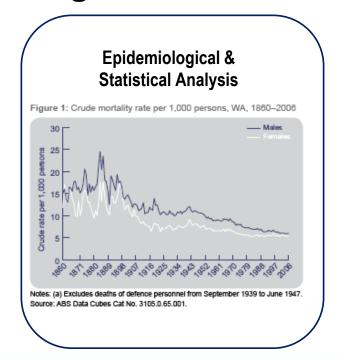
- May I first acknowledge the Wadjuk people of the Noongar nation, the traditional custodians of this land who are resilient in their custodianship
- Let us celebrate their culture today and every day, and note how privileged we are to share this country
- I pay my respects to elders: past, present and emerging

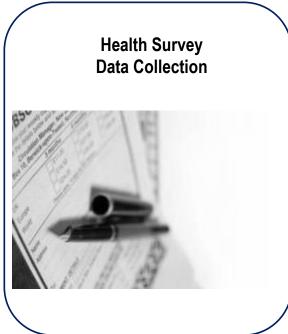
Outline

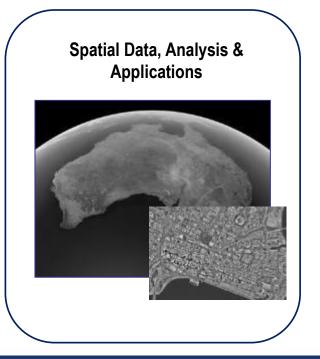
- Epidemiology Directorate
- Demographic data for each LGA including SES, age comparisons, Aboriginal statistics
- Data interpretation and limitations.
- Smoking, Nutrition, Alcohol, Physical Activity and Injury (SNAPI) risk factor data for each LGA.

Epidemiology Directorate

- Monitor, assess and report on the health of the WA population and identify areas of need.
- Guide policy development; identify emerging issues; inform service planning.







Key data sources



- LATEST UPDATES
- https://www.datalinkage-wa.org.au/

- Hospital Morbidity Data Collection
- Emergency Department Data Collection
- Mental Health Information Data Collection
- WA Cancer Registry
- Midwives Notification System
- WA Notifiable Infectious Disease Database
- WA Mortality Register
- Health & Wellbeing Surveillance System

WA Department of Health Health and Wellbeing Surveillance System



General Health

- Disability
- Overall health status



Health service utilisation

- Primary
- Hospital
- Dental
- Allied

- Mental health
- Alternative
- Vaccination



Lifestyle risk factors

- Smoking
- Sun protection
- Physical activity
- Sleep

- Alcohol
- Fruit & veg
- Fast food
- Food security



Mental wellbeing

- Social support
- Suicidal ideation
 Mental health
- Psychological distress
- Major life events
 Social and emotional wellbeing
 - conditions



Chronic conditions

- Cancer
- Heart disease
- Asthma
- Injury

- Stroke
- Osteoporosis
- Arthritis
- Diabetes



Child development

- Bullying
- Breastfeeding
- School connectedness



Physiological risk factors

- Cholesterol
- Blood pressure
- Body weight



Socio-demographics

- Income
- Welfare
- Living arrangements
- Education
- Family structure
- Employment
- Country of birth

https://ww2.health.wa.gov.au/Reports-and-publications/Population-surveys

Areas covered

- The North Metro local governments include:
 - the Cities of Joondalup, Nedlands, Stirling, Subiaco, Vincent and Wanneroo
 - the Towns of Cambridge, Claremont, Cottesloe and Mosman Park;
 - and the Shire of Peppermint Grove.



Population

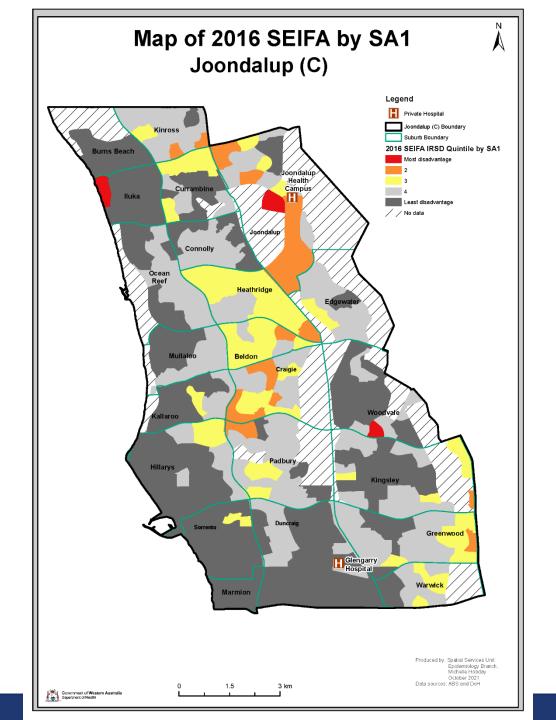


Figure 1. Population by age group (years) and sex, City of Joondalup, 2020



Table 2. Selected population measures, City of Joondalup, 2016

Measure	Number	Percentage
Aboriginal persons	1,001	0.6
Families with annual income < \$20,800	1,052	2.4
Persons born overseas	58,441	37.8
Persons who are unemployed	5,813	6.9
Persons who do not speak English at home	16,886	10.9

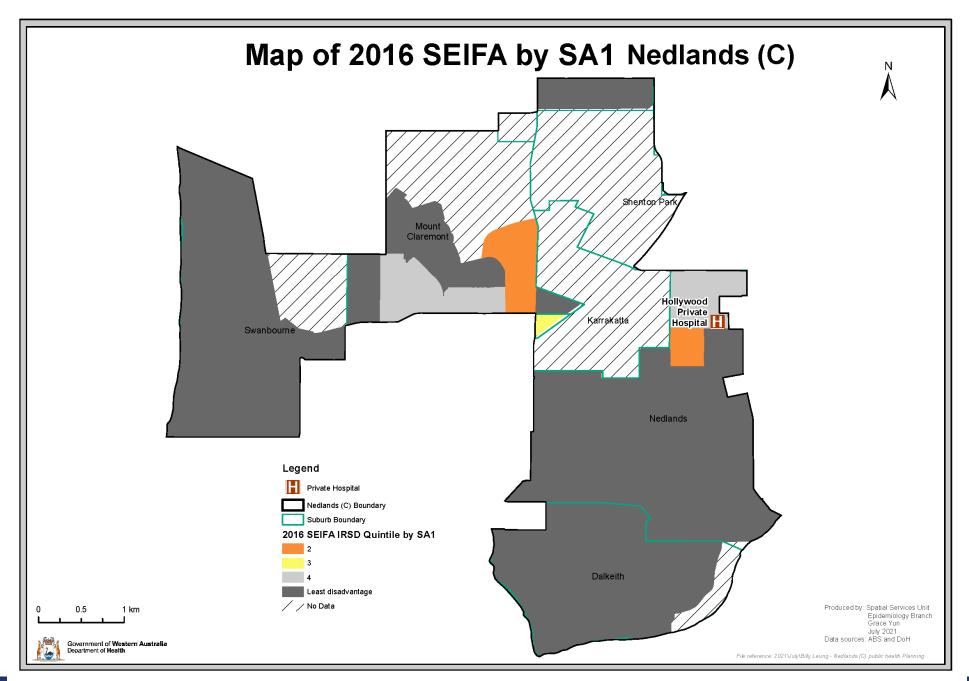


Figure 1. Population by age group (years) and sex, City of Nedlands, 2020

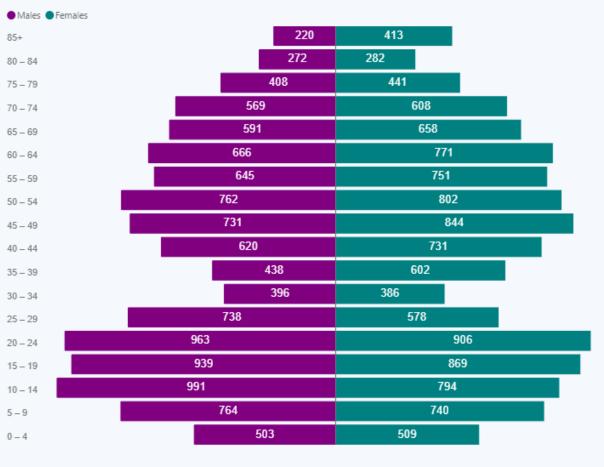


Table 2. Selected population measures, City of Nedlands, 2016

Measure	Number	Percentage
Aboriginal persons	62	0.3
Families with annual income < \$20,800	125	2.3
Persons born overseas	6,711	31.8
Persons who are unemployed	556	5.4
Persons who do not speak English at home	3,184	15.1

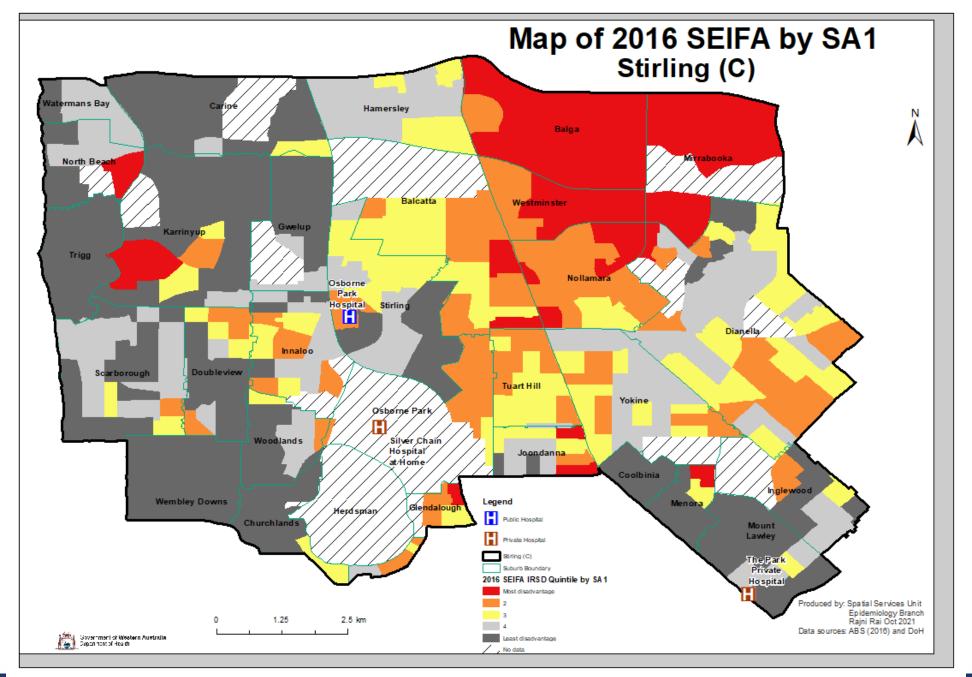


Figure 1. Population by age group (years) and sex, City of Stirling, 2020



Table 2. Selected population measures, City of Stirling, 2016

Measure	Number	Percentage
Aboriginal persons	2,227	1.1
Families with annual income < \$20,800	1,856	3.4
Persons born overseas	79,361	37.8
Persons who are unemployed	8,126	7.3
Persons who do not speak English at home	57,372	27.3

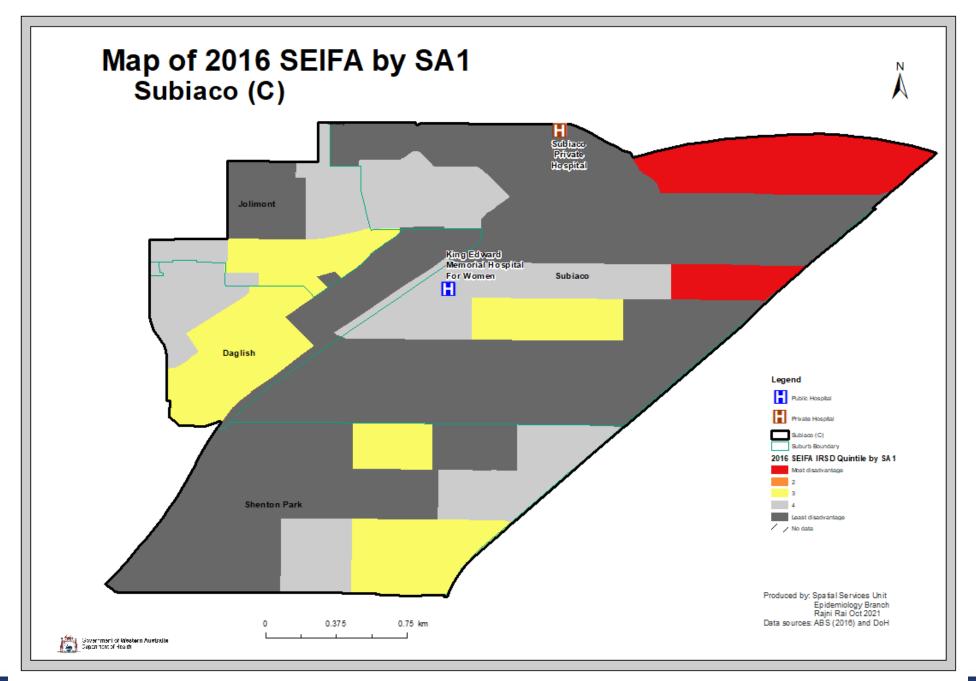


Figure 1. Population by age group (years) and sex, City of Subiaco, 2020



Table 2. Selected population measures, City of Subiaco, 2016

Measure	Number	Percentage
Aboriginal persons	138	0.7
Families with annual income < \$20,800	149	3.3
Persons born overseas	7,745	40.0
Persons who are unemployed	774	7.8
Persons who do not speak English at home	4,337	22.4

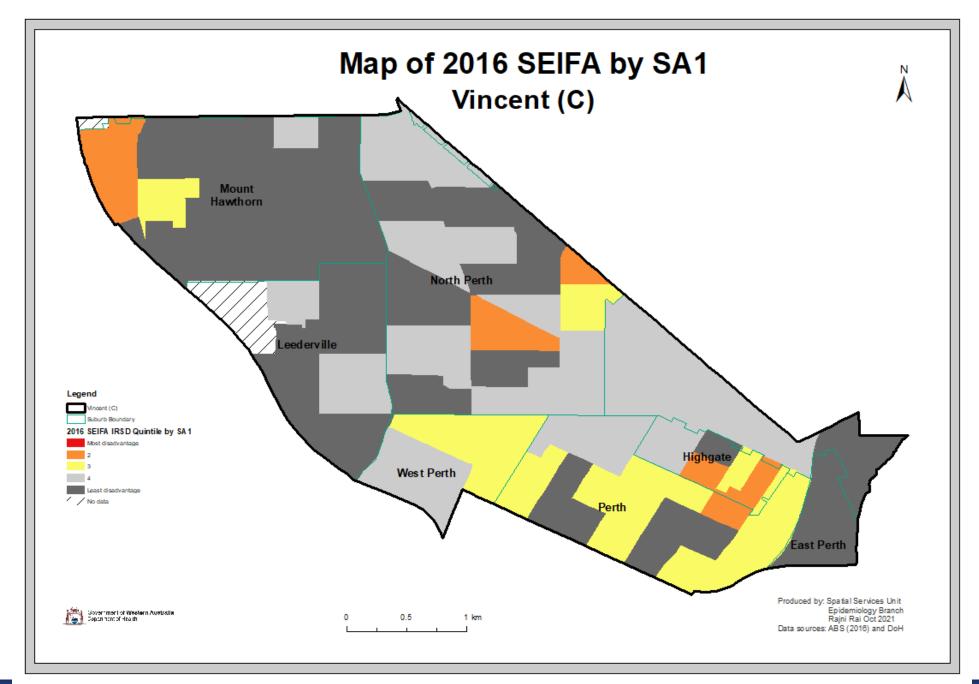


Figure 1. Population by age group (years) and sex, City of Vincent, 2020

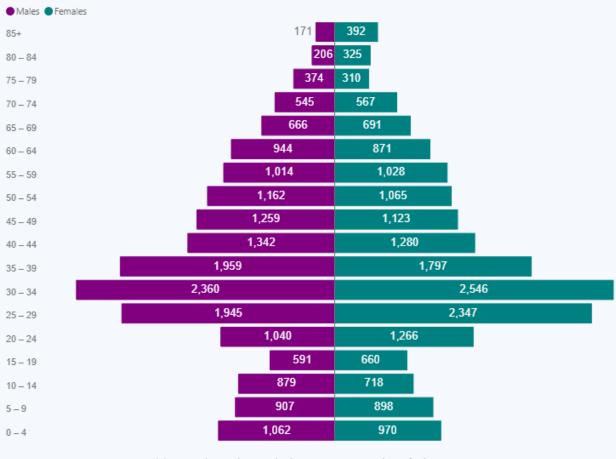


Table 2. Selected population measures, City of Vincent, 2016

Measure	Number	Percentage
Aboriginal persons	233	0.7
Families with annual income < \$20,800	206	2.6
Persons born overseas	11,651	34.6
Persons who are unemployed	1,218	6.1
Persons who do not speak English at home	7,353	21.8

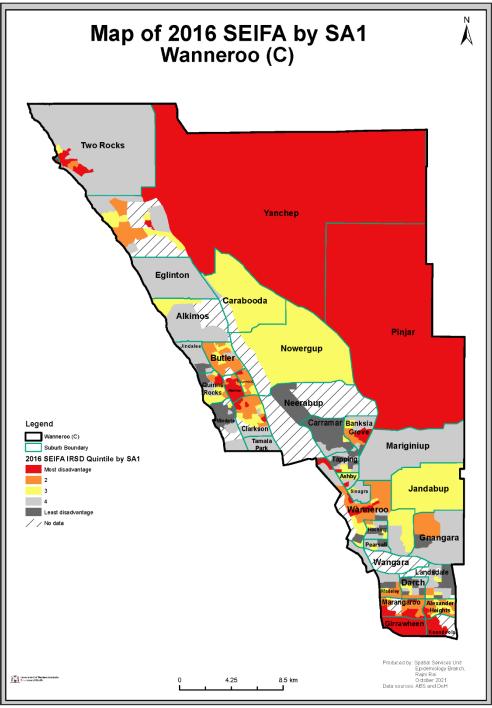


Figure 1. Population by age group (years) and sex, City of Wanneroo, 2020



Table 2. Selected population measures, City of Wanneroo, 2016

Measure	Number	Percentage
Aboriginal persons	2,706	1.4
Families with annual income < \$20,800	1,796	3.5
Persons born overseas	77,127	41.0
Persons who are unemployed	8,285	8.5
Persons who do not speak English at home	38,255	20.3

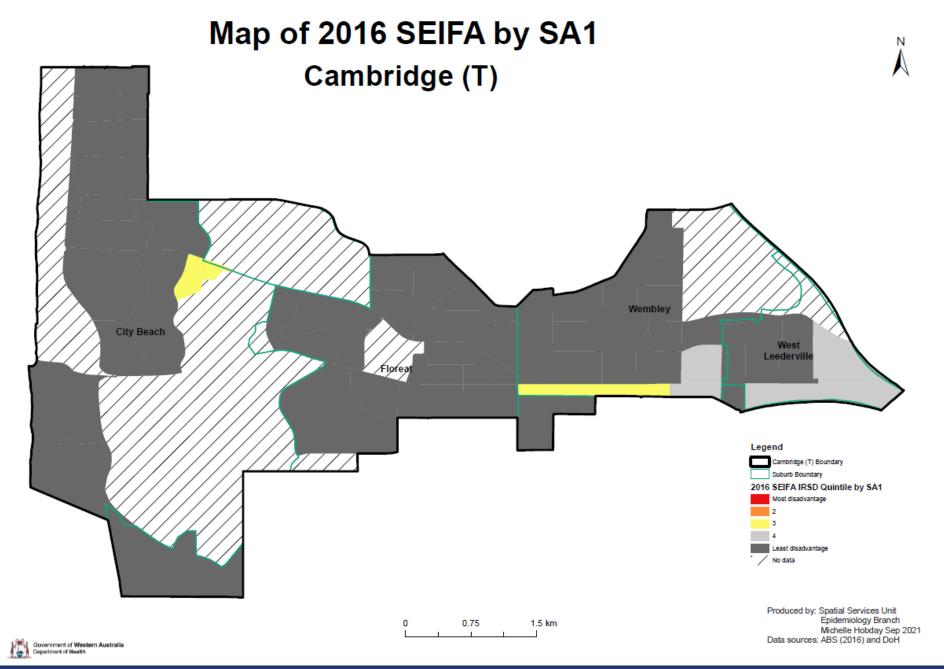


Figure 1. Population by age group (years) and sex, Town of Cambridge, 2020



Table 2. Selected population measures, Town of Cambridge, 2016

Measure	Number	Percentage
Aboriginal persons	72	0.3
Families with annual income < \$20,800	147	2.1
Persons born overseas	7,819	29.2
Persons who are unemployed	725	5.3
Persons who do not speak English at home	3,707	13.8

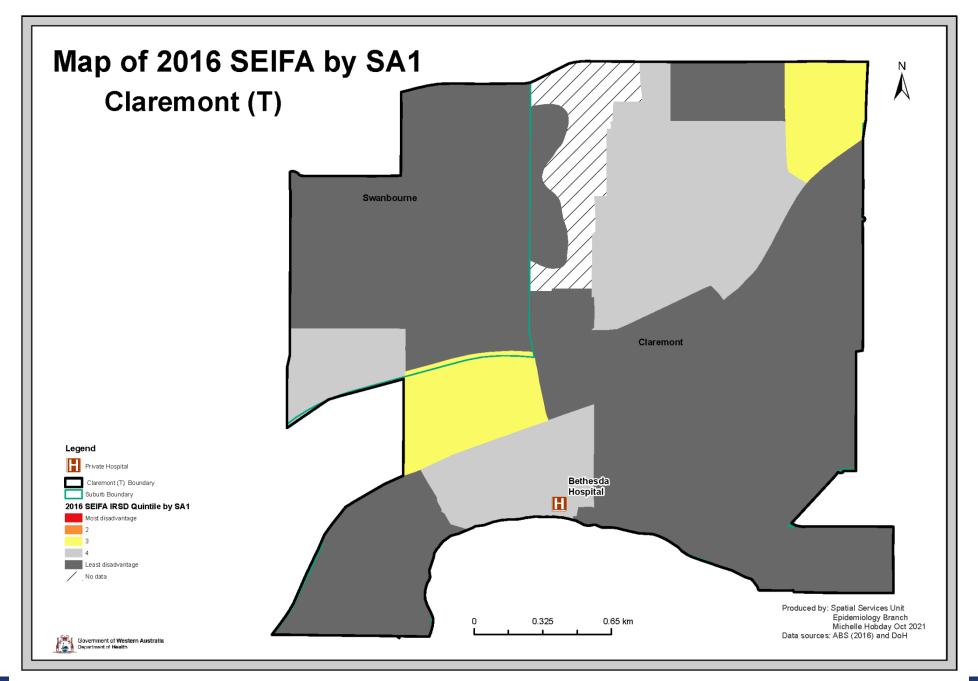


Figure 1. Population by age group (years) and sex, Town of Claremont, 2020



Table 2. Selected population measures, Town of Claremont, 2016

Measure	Number	Percentage
Aboriginal persons	65	0.6
Families with annual income < \$20,800	65	2.6
Persons born overseas	2,988	29.7
Persons who are unemployed	257	5.5
Persons who do not speak English at home	1,241	12.3

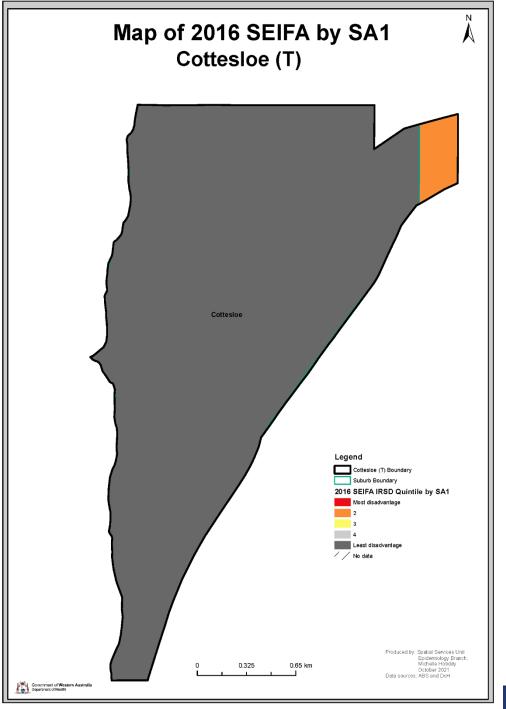


Figure 1. Population by age group (years) and sex, Town of Cottesloe, 2020

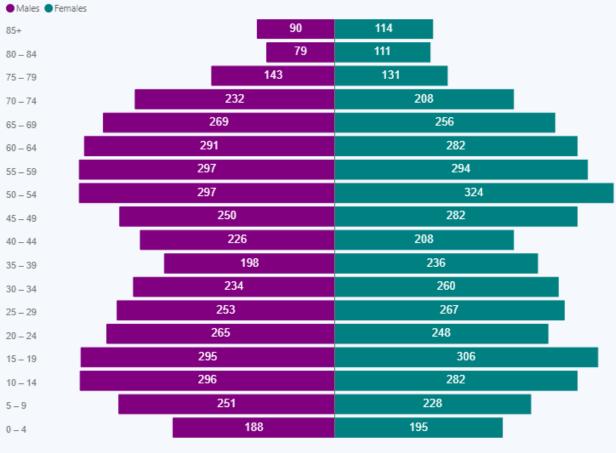


Table 2. Selected population measures, Town of Cottesloe, 2016

Measure	Number	Percentage
Aboriginal persons	31	0.4
Families with annual income < \$20,800	45	2.3
Persons born overseas	1,901	25.0
Persons who are unemployed	189	4.9
Persons who do not speak English at home	523	6.9

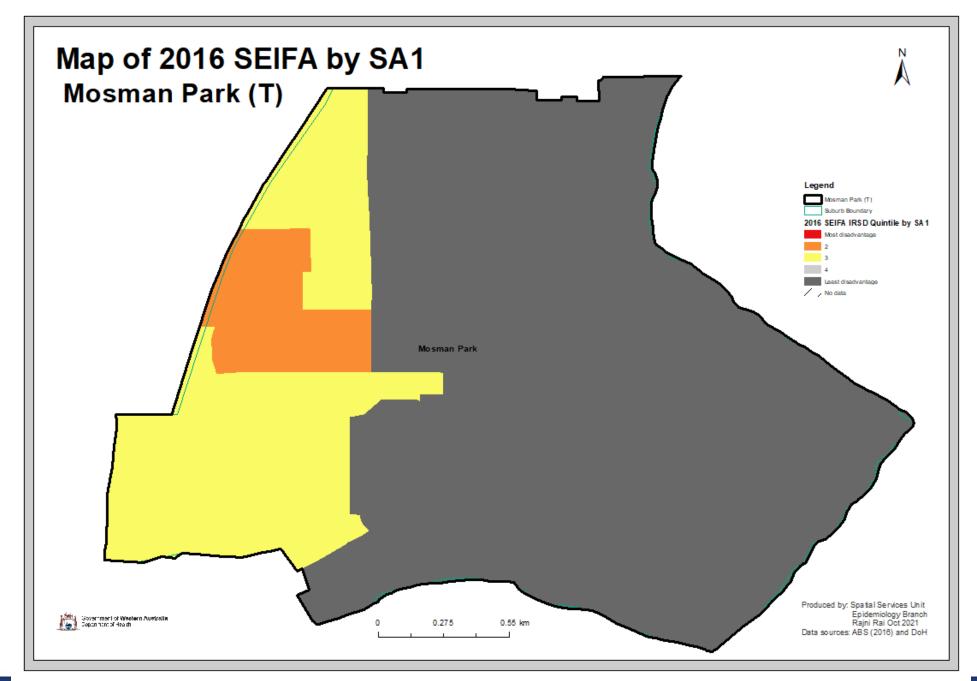


Figure 1. Population by age group (years) and sex, Town of Mosman Park, 2020

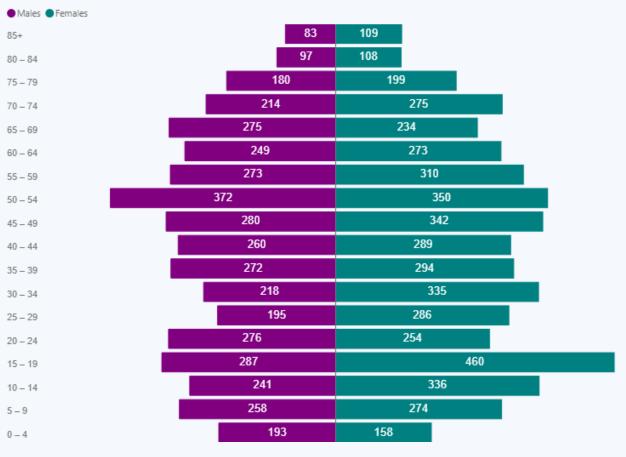


Table 2. Selected population measures, Town of Mosman Park, 2016

Measure	Number	Percentage
Aboriginal persons	73	0.8
Families with annual income < \$20,800	63	2.9
Persons born overseas	2,799	32.0
Persons who are unemployed	266	6.1
Persons who do not speak English at home	1,185	13.5

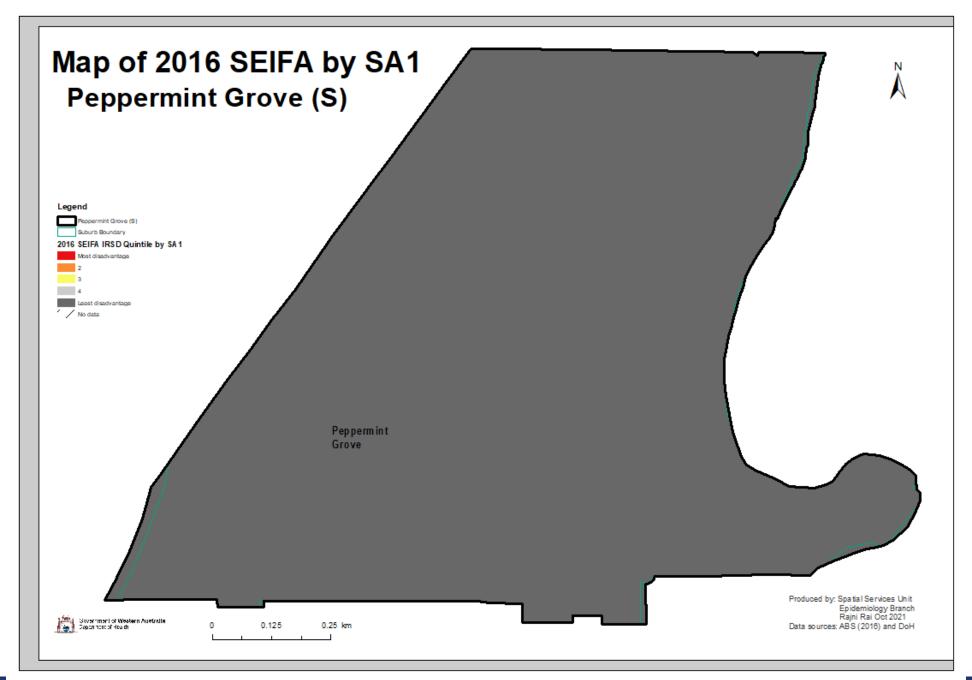


Figure 1. Population by age group (years) and sex, Shire of Peppermint Grove, 2020

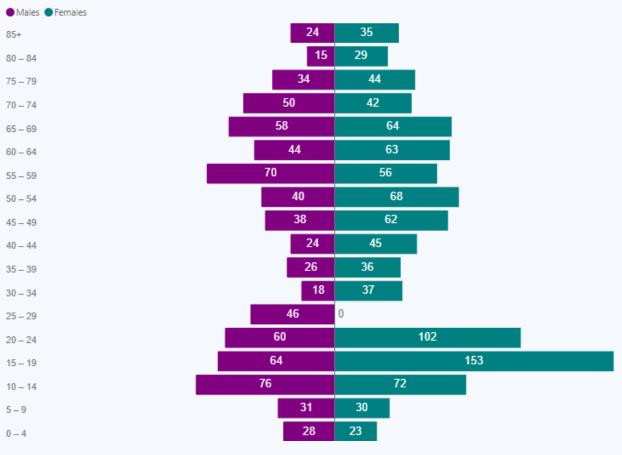


Table 2. Selected population measures, Shire of Peppermint Grove, 2016

Measure	Number	Percentage
Aboriginal persons	28	1.7
Families with annual income < \$20,800	10	2.6
Persons born overseas	424	25.9
Persons who are unemployed	25	3.5
Persons who do not speak English at home	151	9.2

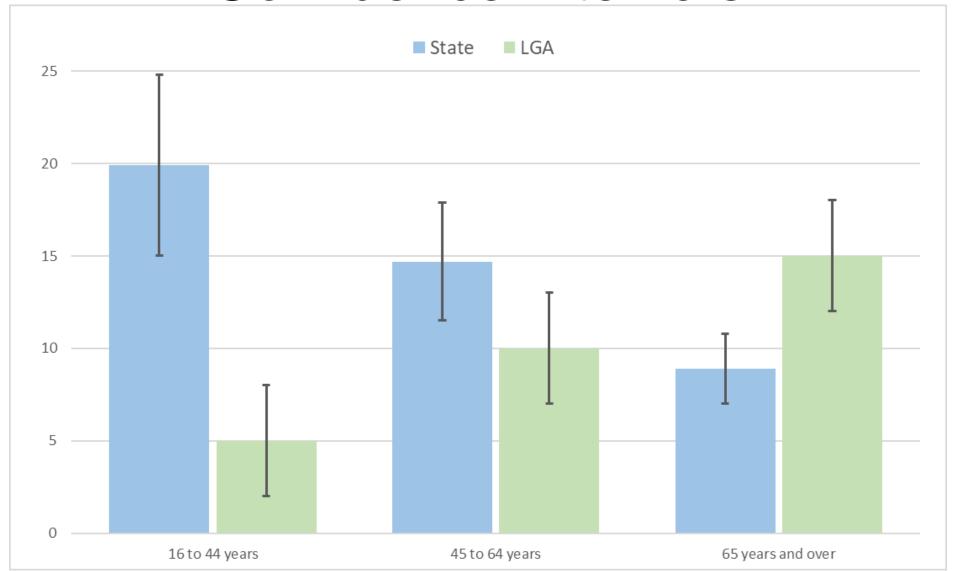
Data

- These data are risk factors from HWSS
- We can also provide data on hospitalisations and deaths to show outcomes
- Survey data has limitations as it is a sample
- Even the administrative data has limitations

A bit about survey data

- HWSS data is taken from the survey, so the numbers presented are estimates
- We weight the data by age, sex and area to make it representative
- For us to provide reliable estimates, we like to have at least 200 people in the sample
- A 95% confidence interval means we are 95 percent confident that the true population value of an estimate is between those two values

Confidence Intervals

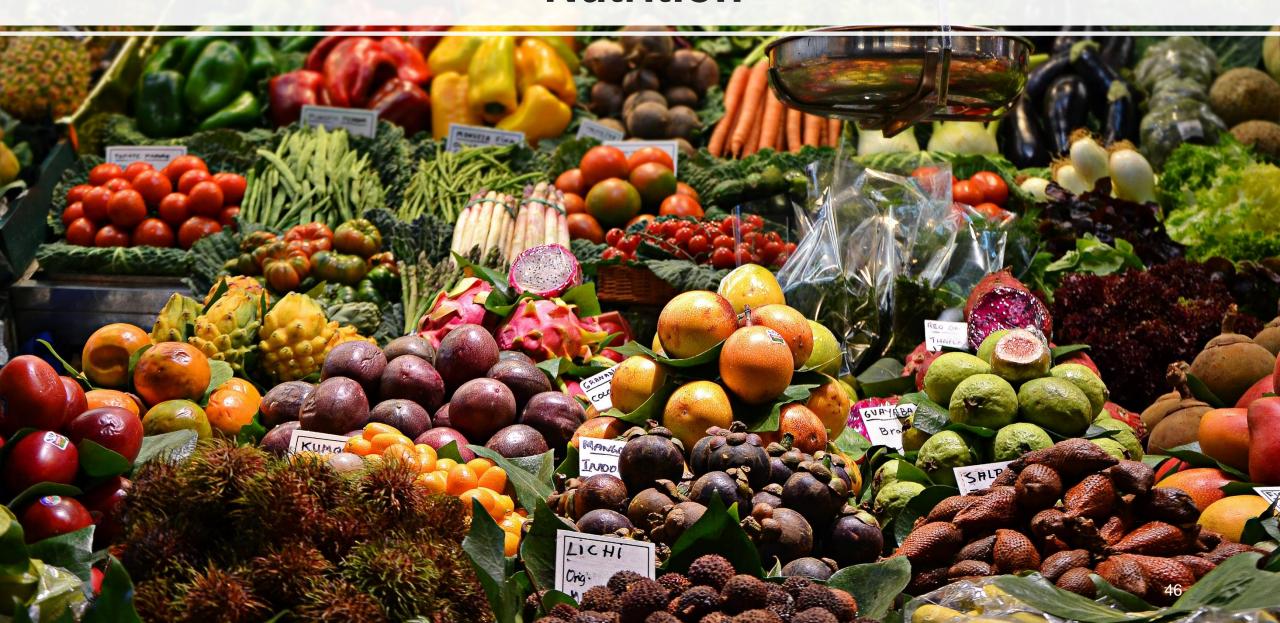


Smoking





Nutrition





lame	%	LCL	UCL	Compare to State
Joondalup (C) Females	85.03	79.92	90.15	Similar
Males	89.11	83.53	94.70	Similar
Persons	87.16	83.36	90.97	Similar
Stirling (C)				
Females	86.85	82.19	91.50	Similar
Males	89.98	85.17	94.78	Similar
Persons	88.32	84.98	91.66	Similar
Wanneroo (C)				
Females	89.31	85.04	93.59	Similar
Males	89.03	83.61	94.45	Similar
Persons	89.17	85.71	92.63	Similar

Similar

Similar

Similar



Measure

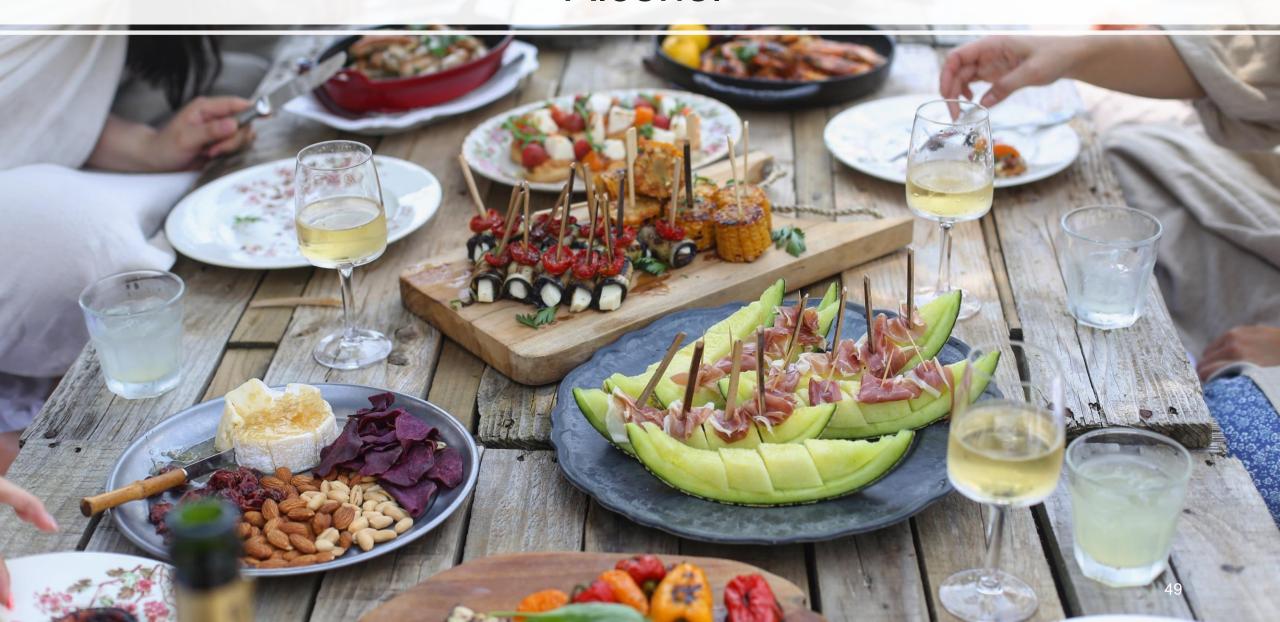
Prevalence of adults who eat less than two serves of fruit daily

Name	%	LCL	UCL	Compare to State
☐ Joondalup (C)				
Females	57.01	49.92	64.11	Similar
Males	56.75	48.04	65.46	Similar
Persons	56.88	51.20	62.55	Similar
Stirling (C)				
Females	44.80	37.30	52.31	Similar
Males	45.98	38.15	53.80	Lower
Persons	45.35	39.94	50.77	Lower
□ Wanneroo (C)				
Females	55.36	47.88	62.84	Similar
Males	56.06	46.27	65.84	Similar
Persons	55.71	49.55	61.87	Similar

Name	%	LCL	UCL	Compare to State
□ Lower West				
Females	39.83	31.23	48.44	Similar
Males	51.38	42.12	60.64	Similar
Persons	44.90	38.46	51.34	Lower

Name	%	LCL	UCL	Compare to State
□ North Metropolitan				
Females	50.21	46.34	54.09	Similar
Males	53.86	49.36	58.35	Similar
Persons	51.98	49.03	54.93	Similar

Alcohol



Alcohol Guidelines

- New NHMRC guidelines introduced in <u>2020</u>
 - No more than 10 standard drinks per week
 - AND
 - No more than 4 standard drinks on any one day
- We are currently reporting on old guidelines (2009)
 - More than 2 standard drinks per day long-term harm
 - More than 4 standard drinks on any single occasion short-term harm
- Transitioning to new guidelines as we collect data from the beginning of 2022



Wanneroo (C)

8.60

12.20

10.41

3.00

6.62

6.48

Females

Persons

Males

14.21

17.79

14.34

Similar

Similar

Similar



□ Wanneroo (C)
 Females

Males

Persons

19.95

32.49

26.25

13.10

23.48

20.59

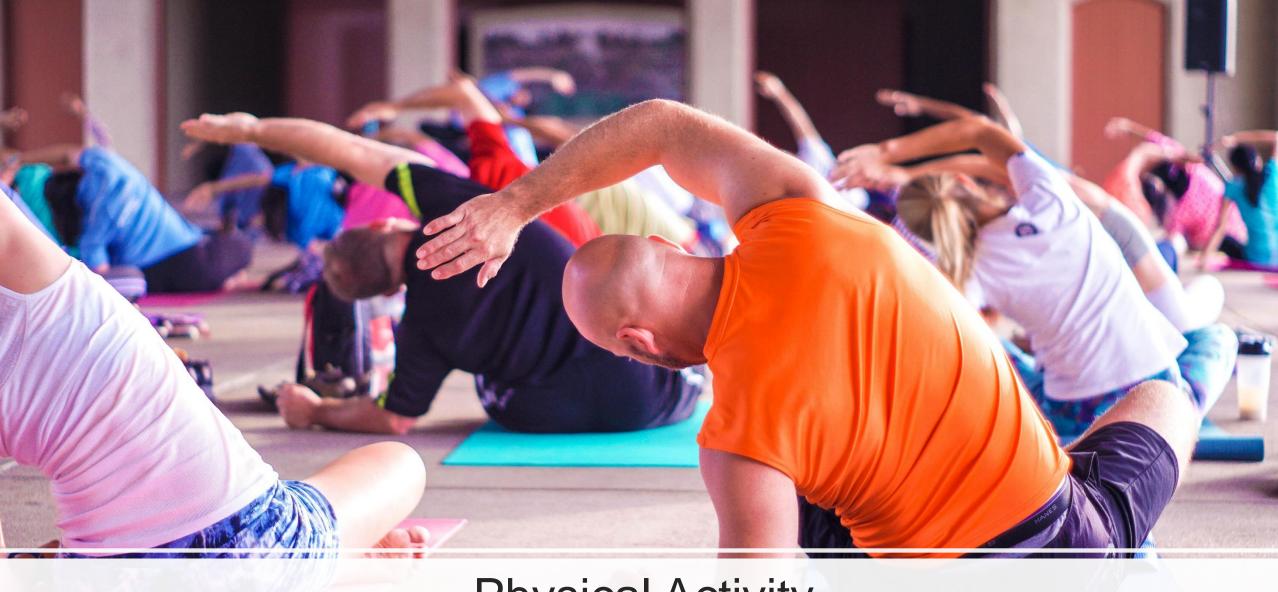
26.80

41.51

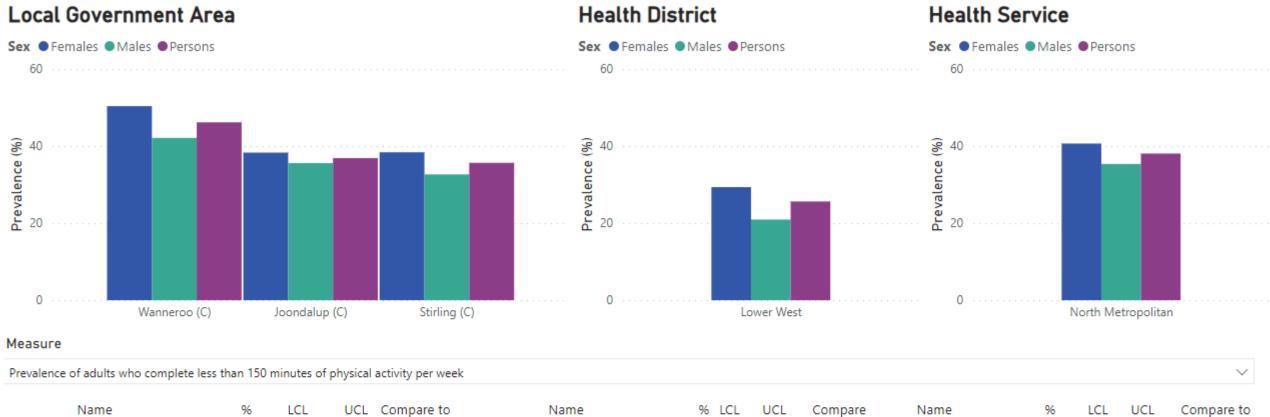
31.92

Similar Similar

Similar



Physical Activity

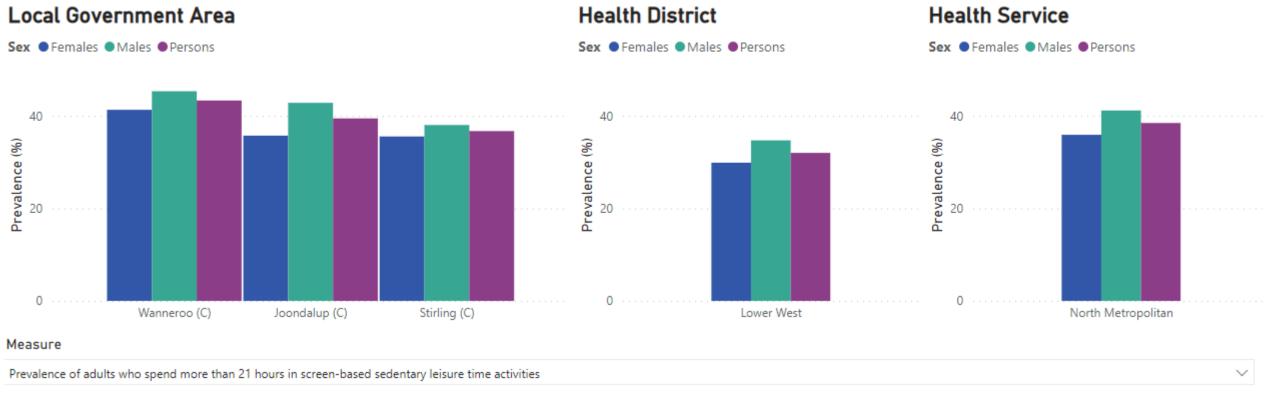


State

Similar Similar

Similar

ne	%	LCL	UCL	Compare to State	Name	%	LCL	UCL	Compare to State	Name		%
				State	_				to state	<u> </u>		
Joondalup (C)					□ Lower					□ North		
Females	38.31	30.98	45.64	Similar	West					Metropolita	n	an
Males	35.60	27.32	43.88	Similar	Females	29.35	21.14	37.56	Lower	Females		40.6
Persons	36.88	31.29	42.47	Similar	Males	20.93	14.46	27.40	Lower	Males		35.3
Stirling (C)					Persons	25.62	20.17	31.08	Lower	Persons		38.0
Females	38.39	31.23	45.56	Similar								·
Males	32.65	25.48	39.82	Similar								
Persons	35.66	30.58	40.73	Similar								
Wanneroo (C)												
Females	50.37	42.56	58.19	Similar								
Males	42.13	32.40	51.85	Similar								
Persons	46.17	39.89	52.46	Similar								



LCL

35.91 32.46 39.36

41.17 36.81 45.52 38.46 35.69 41.23

UCL

Compare to State

> Similar Similar

> Similar

% LCL UCL Compare to Name State	%	% LCL	% LCL UCL
ndalup (C) 🗆 Lower			
males 35.73 29.04 42.42 Similar West			
ales 42.82 34.33 51.31 Similar Females	29.88	29.88 23.36	29.88 23.36 36.40
rsons 39.45 33.98 44.93 Similar Males	34.71	34.71 26.50	34.71 26.50 42.92
ling (C) Persons	32.00	32.00 26.81	32.00 26.81 37.19
males 35.55 28.97 42.13 Similar			
ales 38.03 30.72 45.33 Similar			
rsons 36.71 31.81 41.62 Similar			
nneroo (C)			
males 41.31 33.86 48.76 Similar			
ales 45.33 35.64 55.02 Similar			
rsons 43.32 37.20 49.45 Similar			



Injury





□ Wanneroo (C)
 Females

Males

Persons

14.29

19.50

16.92

9.82

12.45

12.72

18.76

26.55

21.12

Similar

Similar

Similar

Thank you

Key contact:

Healthy Population

Assunta Di Francesco

Acting Health Promotion Coordinator

Ph: 08 9380 7711

Email: assunta.difrancesco@health.wa.gov.au