

Contents

Foreword	iii
Introduction	1
The framework	1
Progress indicators.....	1
Contextual indicators	2
Geographic and regional variation	4
Remoteness classes	4
Major urban areas	5
Capital city and balance of state.....	7
Sub-state regions	7
Reading the tables	11
Data quality and availability.....	12
Data quality	12
Significance testing	12
Data gaps.....	13
Regional data.....	13
Online access	13
For further development.....	13
Progress	15
Progress 1: Society	17
P 1.1 Health and wellbeing.....	18
P 1.1.1 Life expectancy at birth.....	18
P 1.1.2 Psychological distress.....	22
P 1.1.3 Suicide rate	24
P 1.1.4 Overweight or obese	26
P 1.1.5 Physical activity	31
P 1.1.6 Smoking rates.....	36
P 1.2 Close relationships.....	41
P 1.2.1 Children developmentally vulnerable due to physical health and wellbeing.....	41
P 1.3 Home	42
P 1.3.1 Homelessness	42
P 1.3.2 Overcrowded conditions	46
P 1.3.3 Households that own their own home.....	51
P 1.3.4 Recognising traditional country.....	56

P 1.4 Safety.....	57
P 1.4.1 Victims of physical assault	57
P 1.4.2 Victims of malicious property damage	59
P 1.4.3 Road fatalities.....	61
P 1.5 Learning and knowledge.....	63
P 1.5.1 Vocational or higher educational qualifications	63
P 1.5.2 Year 5 and 9 reading standards	68
P 1.5.3 Year 5 and 9 numeracy standards.....	69
P 1.6 Community connections	70
P 1.6.1 Voluntary work.....	70
P 1.7 Fair opportunity	75
P 1.7.1 Disposable household income for low and middle income households	75
P 1.8 Enriched lives.....	80
P 1.8.1 Unpaid help.....	80
P 1.8.2 Attendance at cultural venues and events.....	82
Progress 2: Economy	85
P 2.1 Opportunities	86
P 2.1.1 Having a qualification or working in a skilled occupation	86
P 2.1.2 Young people earning or learning	91
P 2.1.3 New business entry rate.....	96
P 2.2 Jobs	101
P 2.2.1 Employed persons	101
P 2.2.2 Unemployment rate.....	106
P 2.2.3 Youth unemployment rate	111
P 2.3 A resilient economy	116
P 2.3.1 Proportion of unemployed persons unemployed for 12 months or more	116
P 2.3.2 Labour force underutilisation rate	118
P 2.3.3 Value of new building approvals	122
P 2.4 Enhanced living standards.....	127
P 2.4.1 Real median weekly household income.....	127
P 2.4.2 Real household net worth.....	132
P 2.4.3 Labour force participation.....	136
P 2.5 Fair outcomes	141
P 2.5.1 Inequality in household income.....	141
P 2.6 International economic engagement.....	147
P 2.6.1 International visits to residents ratio	147

Progress 3: Environment	151
P 3.1 Healthy natural environment	152
P 3.1.1 Air pollution.....	152
P 3.2 Appreciating the environment	153
P 3.2.1 Domestic trips involving nature activities	153
P 3.3 Protecting the environment.....	157
P 3.3.1 Protected areas of land	157
P 3.4 Sustaining the environment	162
P 3.4.1 Greenhouse gas emissions from road transport.....	162
P 3.5 Healthy built environments	163
P 3.5.1 Average commuting time	163
P 3.5.2 Active travel	165
P 3.5.3 Number of solar panel systems	175
Progress 4: Governance	181
P 4.1 Trust.....	182
P 4.1.1 Generalised trust.....	182
P 4.1.2 Informal votes	184
P 4.2 Participation.....	185
P 4.2.1 Voter turnout	185
P 4.2.2 Participation in a civic or political group.....	186
P 4.2.3 Uptake of Australian citizenship	188
Context	193
Context 1: Population and Demographics	195
C 1.1 Population	196
C 1.1.1 Estimated resident population	196
C 1.1.2 Population projections	203
C 1.1.3 Internal migration	207
C 1.1.4 Overseas arrivals	210
C 1.1.5 Aboriginal and Torres Strait Islander people	215
C 1.2 Age structure	220
C 1.2.1 Age profile	220
C 1.2.2 Proportion of people who are working age	224
C 1.3 Housing.....	229
C 1.3.1 Average household size	229
C 1.3.2 Multi-unit dwellings	234
C 1.3.3 Residential property prices.....	239
C 1.3.4 Dwelling approvals.....	247

C 1.4 Social characteristics	251
C 1.4.1 People who speak a language other than English at home	251
C 1.4.2 People on selected pensions or allowances	256
C 1.4.3 Single parent families	260
Context 2: Transport and Infrastructure	265
C 2.1 Moving people	266
C 2.1.1 Transport mode for journey to work	266
C 2.1.2 Passengers through airports	278
C 2.1.3 Dwellings with no motor vehicle	280
C 2.1.4 Kilometres travelled by passenger vehicles	284
C 2.1.5 Network delays due to congestion	285
C 2.2 Moving freight	286
C 2.2.1 Road freight activity	286
C 2.2.2 Volume of freight through ports	287
C 2.2.3 Value of international freight through ports	289
C 2.3 Communications and utilities	290
C 2.3.1 Dwellings with an internet connection	290
C 2.3.2 Residential water supply	295
C 2.4 Land use	296
C 2.4.1 Land area and land use	296
Context 3: Industry and Innovation	301
C 3.1 Industry	302
C 3.1.1 Top employing industry	302
C 3.1.2 Main growth and decline industry	310
C 3.1.3 Structural change index	318
C 3.2 Business activity	323
C 3.2.1 Actively trading businesses	323
C 3.2.2 Business size	328
C 3.3 Innovation	333
C 3.3.1 Employment in knowledge-intensive industries	333
Abbreviations and acronyms	339
Endnotes and definitions	340
References	341

List of tables

Table 1	Indicator framework	3
Table 2	Additions to the 2017 Yearbook.....	4
Table 3	Statistical geographic areas used to define Australia's major urban areas	5
Table 4	List of sub-state regions based on 2016 ASGS	10
Table 5	Example table with guidance for interpretation	11
Table P 1.1.1.a	Life expectancy at birth by sub-state region	19
Table P 1.1.2.a	Adults with high or very high levels of psychological distress by remoteness class.....	22
Table P 1.1.2.b	Adults with high or very high levels of psychological distress by capital city/balance of state ...	23
Table P 1.1.3.a	Suicide rate by capital city/balance of state	25
Table P 1.1.4.a	Adults who are overweight or obese by remoteness class	26
Table P 1.1.4.b	Adults who are overweight or obese by major urban area	27
Table P 1.1.4.c	Adults who are overweight or obese by sub-state region.....	28
Table P 1.1.5.a	Adults who met physical activity guidelines by remoteness class	31
Table P 1.1.5.b	Adults who met physical activity guidelines by major urban area	32
Table P 1.1.5.c	Adults who met physical activity guidelines by sub-state region	33
Table P 1.1.6.a	Adults who are current daily smokers by remoteness class	36
Table P 1.1.6.b	Adults who are current daily smokers by major urban area	37
Table P 1.1.6.c	Adults who are current daily smokers by sub-state region	38
Table P 1.2.1.a	Children who are developmentally vulnerable due to their physical health and wellbeing by remoteness class.....	41
Table P 1.3.1.a	Homelessness by remoteness class	42
Table P 1.3.1.b	Homelessness by sub-state region.....	43
Table P 1.3.2.a	Houses with overcrowded conditions by remoteness class.....	46
Table P 1.3.2.b	Houses with overcrowded conditions by major urban area	47
Table P 1.3.2.c	Houses with overcrowded conditions by sub-state region	48
Table P 1.3.3.a	Households that own their own home (with or without a mortgage) by remoteness class.....	51
Table P 1.3.3.b	Households that own their own home (with or without a mortgage) by major urban area	52
Table P 1.3.3.c	Households that own their own home (with or without a mortgage) by sub-state region	53
Table P 1.3.4.a	Aboriginal and Torres Strait Islander people who recognise an area as homelands or traditional country by remoteness class.....	56
Table P 1.4.1.a	Victims of physical assault by remoteness class	57
Table P 1.4.1.b	Victims of physical assault by capital city/balance of state	58
Table P 1.4.2.a	Victims of malicious property damage by remoteness class	59
Table P 1.4.2.b	Victims of malicious property damage by capital city/balance of state	60
Table P 1.4.3.a	Road fatalities by remoteness class.....	61
Table P 1.4.3.b	Road fatalities by capital city/balance of state.....	62
Table P 1.5.1.a	People with a vocational or higher education qualification by remoteness class	63
Table P 1.5.1.b	People with a vocational or higher education qualification by major urban area	64

Table P 1.5.1.c People with a vocational or higher education qualification by sub-state region.....	65
Table P 1.5.2.a Students at or above national minimum reading standards by remoteness class	68
Table P 1.5.3.a Students at or above national minimum numeracy standards by remoteness class.....	69
Table P 1.6.1.a People who do voluntary work through an organisation or group by remoteness class	70
Table P 1.6.1.b People who do voluntary work through an organisation or group by major urban area	71
Table P 1.6.1.c People who do voluntary work through an organisation or group by sub-state region.....	72
Table P 1.7.1.a Disposable household income for low and middle income households by remoteness class..	75
Table P 1.7.1.b Disposable household income for low and middle income households by sub-state region ...	77
Table P 1.8.1.a People who provided unpaid help to others living outside the household by remoteness class.....	80
Table P 1.8.1.b People who provided unpaid help to others living outside the household by capital city/balance of state.....	81
Table P 1.8.2.a Attendance rate for cultural venues and events by capital city/balance of state.....	83
Table P 2.1.1.a People with a Certificate III or above, or employed in a skilled occupation by remoteness class.....	86
Table P 2.1.1.b People with a Certificate III or above, or employed in a skilled occupation by major urban area.....	87
Table P 2.1.1.c People with a Certificate III or above, or employed in a skilled occupation by sub-state region	88
Table P 2.1.2.a People aged 15-24 years who are earning or learning by remoteness class.....	91
Table P 2.1.2.b People aged 15-24 years who are earning or learning by major urban area.....	92
Table P 2.1.2.c People aged 15-24 years who are earning or learning by sub-state region	93
Table P 2.1.3.a New business entry rate by remoteness class	96
Table P 2.1.3.b New business entry rate by major urban area.....	97
Table P 2.1.3.c New business entry rate by sub-state region	98
Table P 2.2.1.a Employed persons by remoteness class	101
Table P 2.2.1.b Employed persons by major urban area	102
Table P 2.2.1.c Employed persons by sub-state region.....	103
Table P 2.2.2.a Unemployment rate by remoteness class	106
Table P 2.2.2.b Unemployment rate by major urban area.....	107
Table P 2.2.2.c Unemployment rate by sub-state region	108
Table P 2.2.3.a Youth unemployment rate by remoteness class.....	111
Table P 2.2.3.b Youth unemployment rate by major urban area	112
Table P 2.2.3.c Youth unemployment rate by sub-state region	113
Table P 2.3.1.a Proportion of unemployed persons unemployed for 12 months or more by capital city/balance of state.....	117
Table P 2.3.2.a Labour force underutilisation rate by sub-state region.....	119
Table P 2.3.3.a Value of new building approvals by remoteness class	122
Table P 2.3.3.b Value of new building approvals by major urban area	123
Table P 2.3.3.c Value of new building approvals by sub-state region.....	124
Table P 2.4.1.a Real median weekly household income by remoteness class	127

Table P 2.4.1.b	Real median weekly household income by major urban area.....	128
Table P 2.4.1.c	Real median weekly household income by sub-state region	129
Table P 2.4.2.a	Real mean household net worth by remoteness class	132
Table P 2.4.2.b	Real mean household net worth by sub-state region	133
Table P 2.4.3.a	Labour force participation rate by remoteness class.....	136
Table P 2.4.3.b	Labour force participation rate by major urban area.....	137
Table P 2.4.3.c	Labour force participation rate by sub-state region	138
Table P 2.5.1.a	Ratio of household income for low income households to median income households by remoteness class.....	141
Table P 2.5.1.b	Ratio of household income for low income households to median income households by major urban area	142
Table P 2.5.1.c	Ratio of household income for low income households to median income households by sub-state region	144
Table P 2.6.1.a	International visits by sub-state region	148
Table P 3.1.1.a	Air pollution.....	152
Table P 3.2.1.a	Domestic visits involving nature activities by sub-state region	154
Table P 3.3.1.a	Protected areas of land by remoteness class.....	157
Table P 3.3.1.b	Protected areas of land by major urban area	158
Table P 3.3.1.c	Protected areas of land by sub-state region	159
Table P 3.4.1.a	Greenhouse gas emissions (CO ₂ -e) from road transport by capital city	162
Table P 3.5.1.a	Average commuting time by remoteness class	163
Table P 3.5.1.b	Average commuting time by capital city/balance of state	164
Table P 3.5.2.a	Active travel by bicycle or walking by remoteness class	165
Table P 3.5.2.b	Active travel by bicycle or walking by major urban area	167
Table P 3.5.2.c	Active travel by bicycle or walking by sub-state region	169
Table P 3.5.3.a	Number of small scale solar panel systems and solar water heater installations by remoteness class.....	175
Table P 3.5.3.b	Number of small scale solar panel systems and solar water heater installations by major urban area	176
Table P 3.5.3.c	Number of small scale solar panel systems and solar water heater installations by sub-state region	177
Table P 4.1.1.a	Levels of generalised trust by remoteness class	182
Table P 4.1.1.b	Levels of generalised trust by capital city/balance of state	183
Table P 4.1.2.a	Informal votes in Australian federal elections by remoteness class.....	184
Table P 4.2.1.a	Voter turnout at federal elections by remoteness class.....	185
Table P 4.2.2.a	People who have actively participated in a civic or political group in the last 12 months by remoteness class.....	186
Table P 4.2.2.b	People who have actively participated in a civic or political group in the last 12 months by capital city/balance of state.....	187
Table P 4.2.3.a	Uptake of Australian citizenship by remoteness class	188
Table P 4.2.3.b	Uptake of Australian citizenship by major urban area	189
Table P 4.2.3.c	Uptake of Australian citizenship by sub-state region	190

Table C 1.1.1.a Estimated resident population by remoteness class	196
Table C 1.1.1.b Estimated resident population by major urban area	197
Table C 1.1.1.c Estimated resident population by sub-state region.....	198
Table C 1.1.2.a Population projections by remoteness class.....	203
Table C 1.1.2.b Population projections by sub-state region	204
Table C 1.1.3.a Internal migration matrix by remoteness class	207
Table C 1.1.3.b Internal migration by sub-state region.....	208
Table C 1.1.4.a Number of overseas born recent arrivals by remoteness class	210
Table C 1.1.4.b Number of overseas born recent arrivals by major urban area	211
Table C 1.1.4.c Number of overseas born recent arrivals by sub-state region.....	212
Table C 1.1.5.a Aboriginal and Torres Strait Islander people by remoteness class	215
Table C 1.1.5.b Aboriginal and Torres Strait Islander people by major urban area	216
Table C 1.1.5.c Aboriginal and Torres Strait Islander people by sub-state region.....	217
Table C 1.2.1.a Age profile by remoteness class.....	220
Table C 1.2.1.b Age profile by major urban area.....	220
Table C 1.2.1.c Age profile by sub-state region	221
Table C 1.2.2.a Proportion of people who are working age by remoteness class	224
Table C 1.2.2.b Proportion of people who are working age by major urban area.....	225
Table C 1.2.2.c Proportion of people who are working age by sub-state region	226
Table C 1.3.1.a Average household size by remoteness class.....	229
Table C 1.3.1.b Average household size by major urban area.....	230
Table C 1.3.1.c Average household size by sub-state region	231
Table C 1.3.2.a Multi-unit dwellings by remoteness class	234
Table C 1.3.2.b Multi-unit dwellings by major urban area	235
Table C 1.3.2.c Multi-unit dwellings by sub-state region.....	236
Table C 1.3.3.a Average residential property prices by remoteness class	239
Table C 1.3.3.b Average residential property prices by major urban area.....	240
Table C 1.3.3.c Average residential property prices by sub-state region	241
Table C 1.3.4.a Total number of dwelling approvals by remoteness class.....	247
Table C 1.3.4.b Total number of dwelling approvals by major urban area.....	247
Table C 1.3.4.c Total number of dwelling approvals by sub-state region	248
Table C 1.4.1.a People who speak a language other than English at home by remoteness class	251
Table C 1.4.1.b People who speak a language other than English at home by major urban area	252
Table C 1.4.1.c People who speak a language other than English at home by sub-state region.....	253
Table C 1.4.2.a Ratio of the number of people on selected pensions/allowances by remoteness class	256
Table C 1.4.2.b Ratio of the number of people on selected pensions/allowances by sub-state region.....	257
Table C 1.4.3.a Proportion of families that are single parent by remoteness class	260
Table C 1.4.3.b Proportion of families that are single parent by major urban area	260
Table C 1.4.3.c Proportion of families that are single parent by sub-state region.....	261
Table C 2.1.1.a Transport mode shares for journey to work by remoteness class	266

Table C 2.1.1.b Transport mode shares for journey to work by major urban area	267
Table C 2.1.1.c Transport mode shares for journey to work by sub-state region.....	269
Table C 2.1.2.a Number of passengers through top 50 airports.....	278
Table C 2.1.3.a Dwellings with no motor vehicle by remoteness class	280
Table C 2.1.3.b Dwellings with no motor vehicle by major urban area	280
Table C 2.1.3.c Dwellings with no motor vehicle by sub-state region.....	281
Table C 2.1.4.a Passenger vehicle kilometres travelled (on road) by capital city/balance of state	284
Table C 2.1.5.a Average network delay due to congestion by selected major urban area	285
Table C 2.2.1.a Road freight tonne kilometres by capital city/balance of state.....	286
Table C 2.2.2.a Volume of freight through top 50 ports	287
Table C 2.2.3.a Value of international freight through top 30 ports.....	289
Table C 2.3.1.a Dwellings with an internet connection by remoteness class.....	290
Table C 2.3.1.b Dwellings with an internet connection by major urban area.....	291
Table C 2.3.1.c Dwellings with an internet connection by sub-state region	292
Table C 2.3.2.a Average annual residential water supplied by major urban area	295
Table C 2.4.1.a Land area by remoteness class	296
Table C 2.4.1.b Land area and land use by major urban area.....	297
Table C 2.4.1.c Land area and land use by sub-state region	298
Table C 3.1.1.a Top employing industry by remoteness class.....	302
Table C 3.1.1.b Top employing industry by major urban area.....	303
Table C 3.1.1.c Top employing industry by sub-state region	304
Table C 3.1.2.a Main growth and decline industries by remoteness class	310
Table C 3.1.2.b Main growth and decline industries by major urban area	311
Table C 3.1.2.c Main growth and decline industries by sub-state region	312
Table C 3.1.3.a Structural change index by remoteness class.....	318
Table C 3.1.3.b Structural change index by major urban area.....	319
Table C 3.1.3.c Structural change index by sub-state region	320
Table C 3.2.1.a Actively trading businesses by remoteness class	323
Table C 3.2.1.b Actively trading businesses by major urban area	324
Table C 3.2.1.c Actively trading businesses by sub-state region.....	325
Table C 3.2.2.a Business size by remoteness class.....	328
Table C 3.2.2.b Business size by major urban area.....	329
Table C 3.2.2.c Business size by sub-state region	330
Table C 3.3.1.a Employment in knowledge intensive industries by remoteness class.....	333
Table C 3.3.1.b Employment in knowledge intensive industries by major urban area.....	334
Table C 3.3.1.c Employment in knowledge intensive industries by sub-state region	335

List of figures

Figure 1	Remoteness classes, 2011 Australian Statistical Geography Standard (ASGS).....	5
Figure 2	Major urban areas – Greater Capital City Statistical Areas (GCCSA) and Significant Urban Areas (SUA).....	6
Figure 3	Sub-state regions – Greater Capital City Statistical Areas and Statistical Areas Level 3 (in Outback areas) and Level 4, 2016 ASGS	8