

### City Planning: A data driven approach to urban and strategic planning June 2022

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#### Context







# CITY OF GOLDCOAST.

#### **Regional planning approach**

#### South East Queensland Regional Plan

Department of Infrastructure, Local Government and Planning

#### ShapingSEQ South East Queensland Regional Plan 2017



**Queensland** Government **Gold Coast City Plan zone mapping** 



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#### Local Government Infrastructure Plan

It is the responsibility of local governments to provide trunk infrastructure and the responsibility of developers to contribute their share of its cost





Growing population and new dwellings



New jobs and increasing non-res floorspace

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## Planning and Urban Growth model (PUG)

Detailed modelling is required to determine the right amount of planned infrastructure at the right time in the future



This includes updates to future LGIPs and City Plan

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### Planning and Urban Growth model (PUG)

Biggera Waters		A AB		
Arundel			Search	A BAR AR
		MPL		
Labrador		2016 LndUse+AtchDw+DtchDw+GFA+Emp	E311;410.00000;0.00000;48918.00000;164.00000	
		AtchDw2016	410	
		DtachDw2016	0	
Parkwood Main Beach		GFA2016	48918	Real Real Provide States
		TotPop2016	799.5	
		RsdPop2016	0	
Southport		Emply2016	164	
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		AtchDw2021	410	
Southport		DtachDw2021	0	
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		GFA2026	48918	
		TotPop2026	799.5	
		RsdPop2026	0	
		Emply2026	164	
Carrara		DevType2026	EXIST	
Broadbeach		Zoneld2026	<null></null>	
		LndUse+AtchDw+DtchDw+GFA+Emp 2031	E311;410.00000;0.00000;48918.00000;164.00000	
dbeact		AtchDw2031	410	
		DtachDw2031	0	
		GFA2031	48918	
		TotPop2031	799.5	
A VALA LandUse05_VA		RsdPop2031	0	M2_06 GFA_M2_06 LUC01_DESC_L1
		Emply2031	164	0 0 E_Entertainment and tourism
		DevType2031	EXIST	0 0 E Entertainment and tourism
		Zoneld2031	<null></null>	0 0 E_Entertainment and tourism
		LndUse+AtchDw+DtchDw+GFA+Emp	E311;410.00000;0.00000;48918.00000;164.00000	0 0 E_Entertainment and tourism
		AtchDw2036	410	0 0 E_Entertainment and tourism
		DtachDw2036	0	0 0 E Entertainment and tourism
		GEA2036	48918	0 0 E Entertainment and tourism
		TotPop2036	799.5	0 0 E_Entertainment and tourism
		DedDop2026	0	0 0 E_Entertainment and tourism
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 Detailed attributes for each lot in the city relating to existing and future development – Aggregated stats, maps and scenario analysis/ visualisation

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#### **Productive Gold Coast**



#### Working from home - neighbourhood-scale effects



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