

Economic Outlook + COP26 views

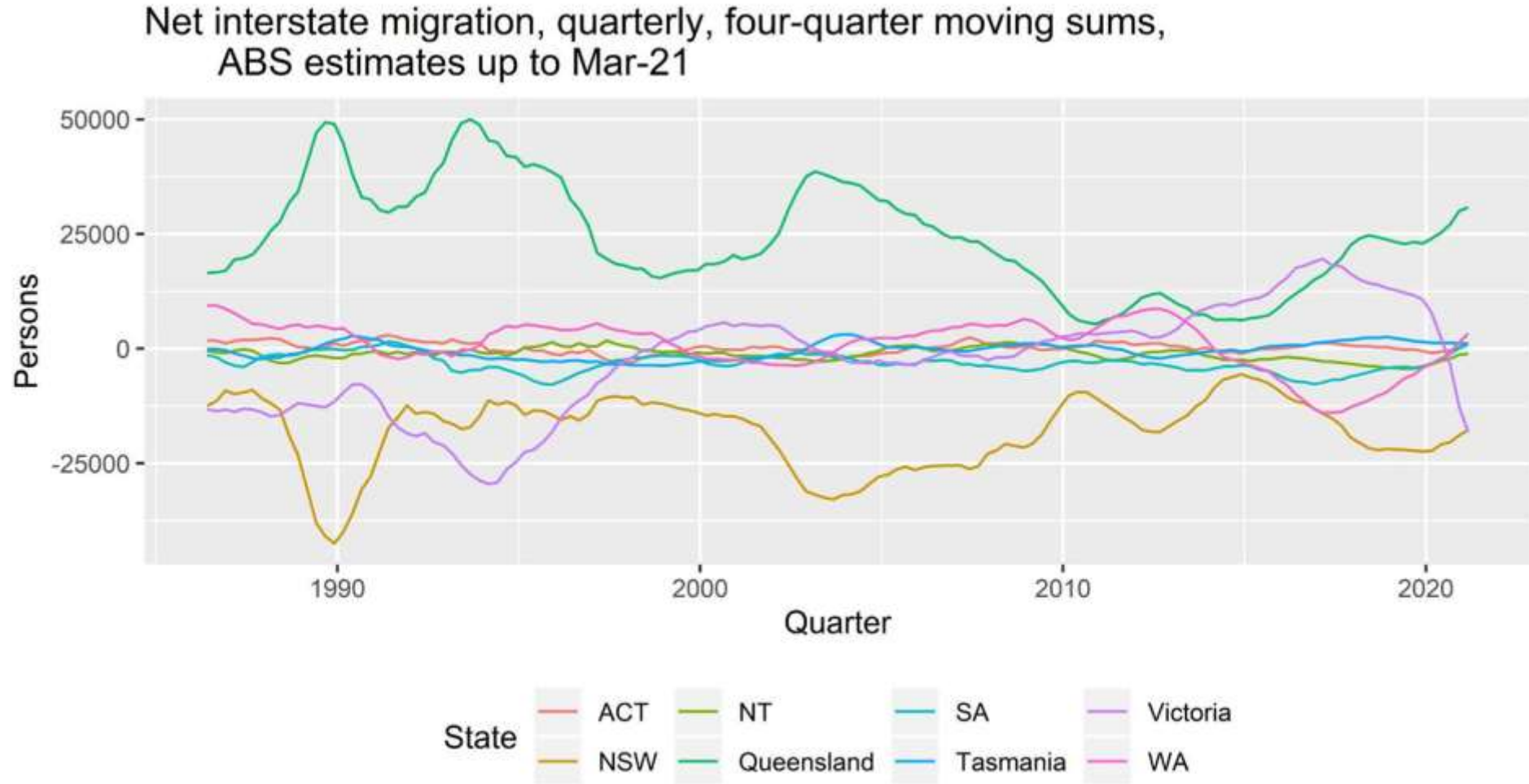
Gene Tunny, 28 October 2021



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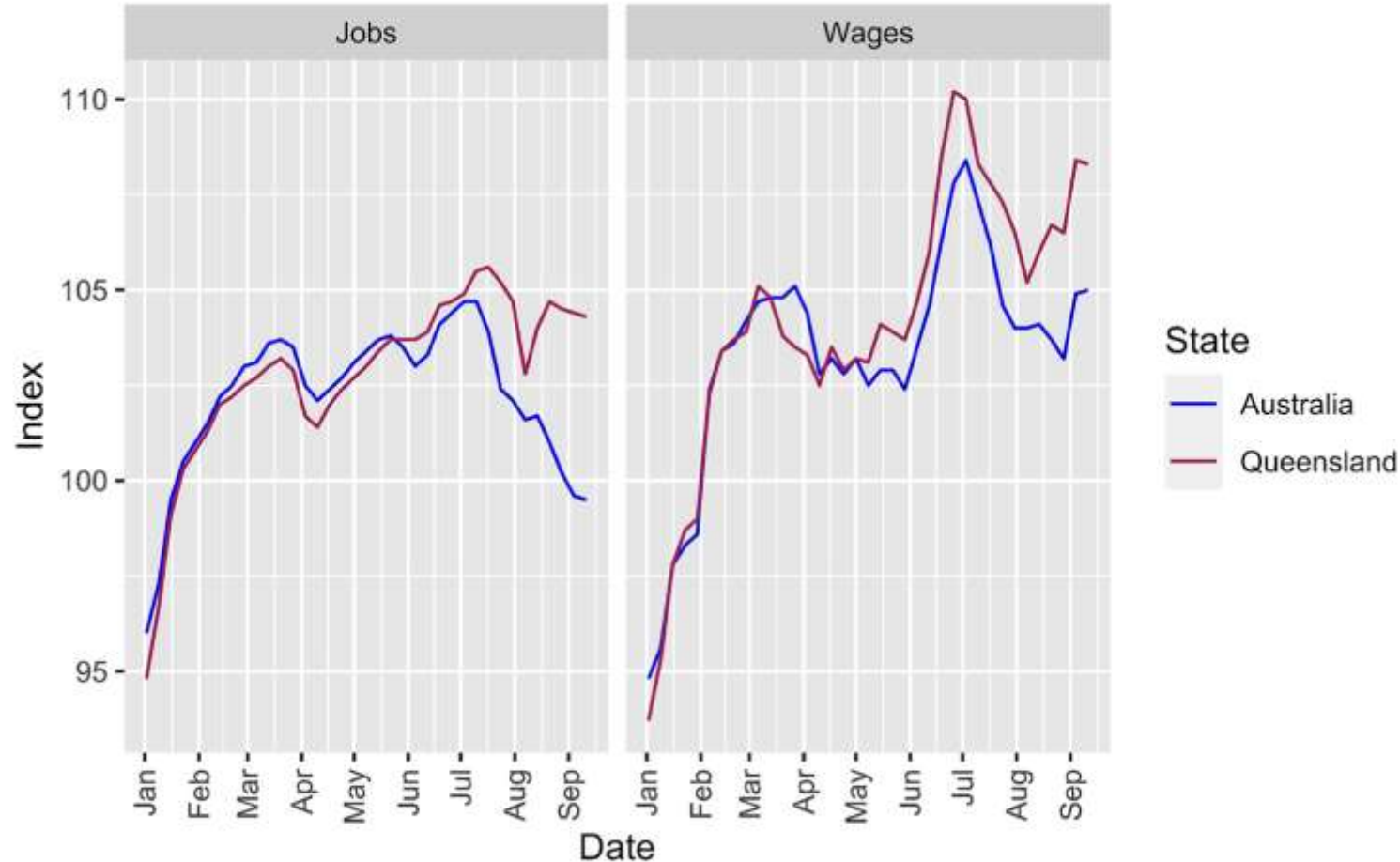
Economic outlook

Migration has picked up a lot in Queensland as Victoria has become a less attractive place to live

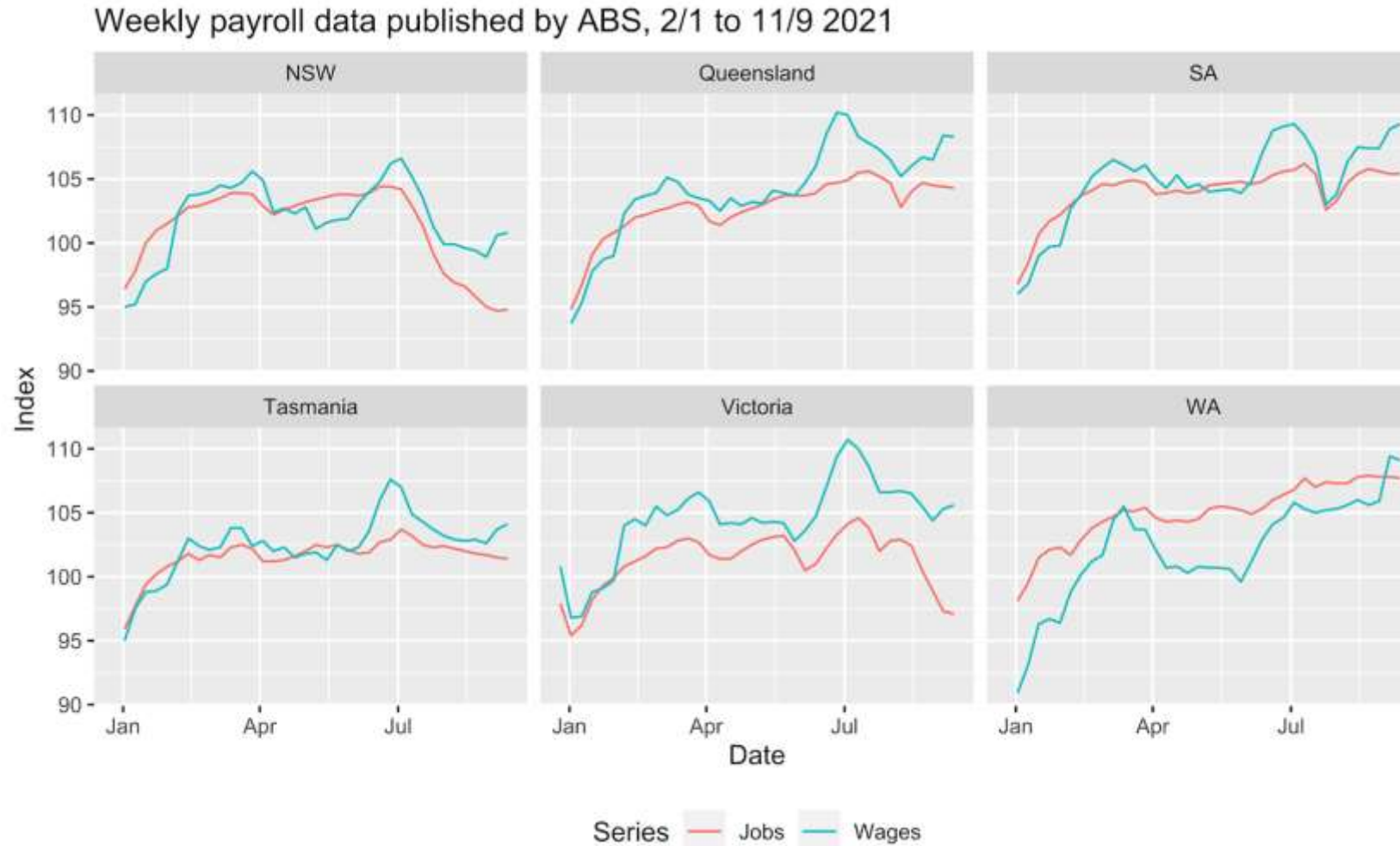


Queensland jobs and wages have benefited from limited time in lockdown

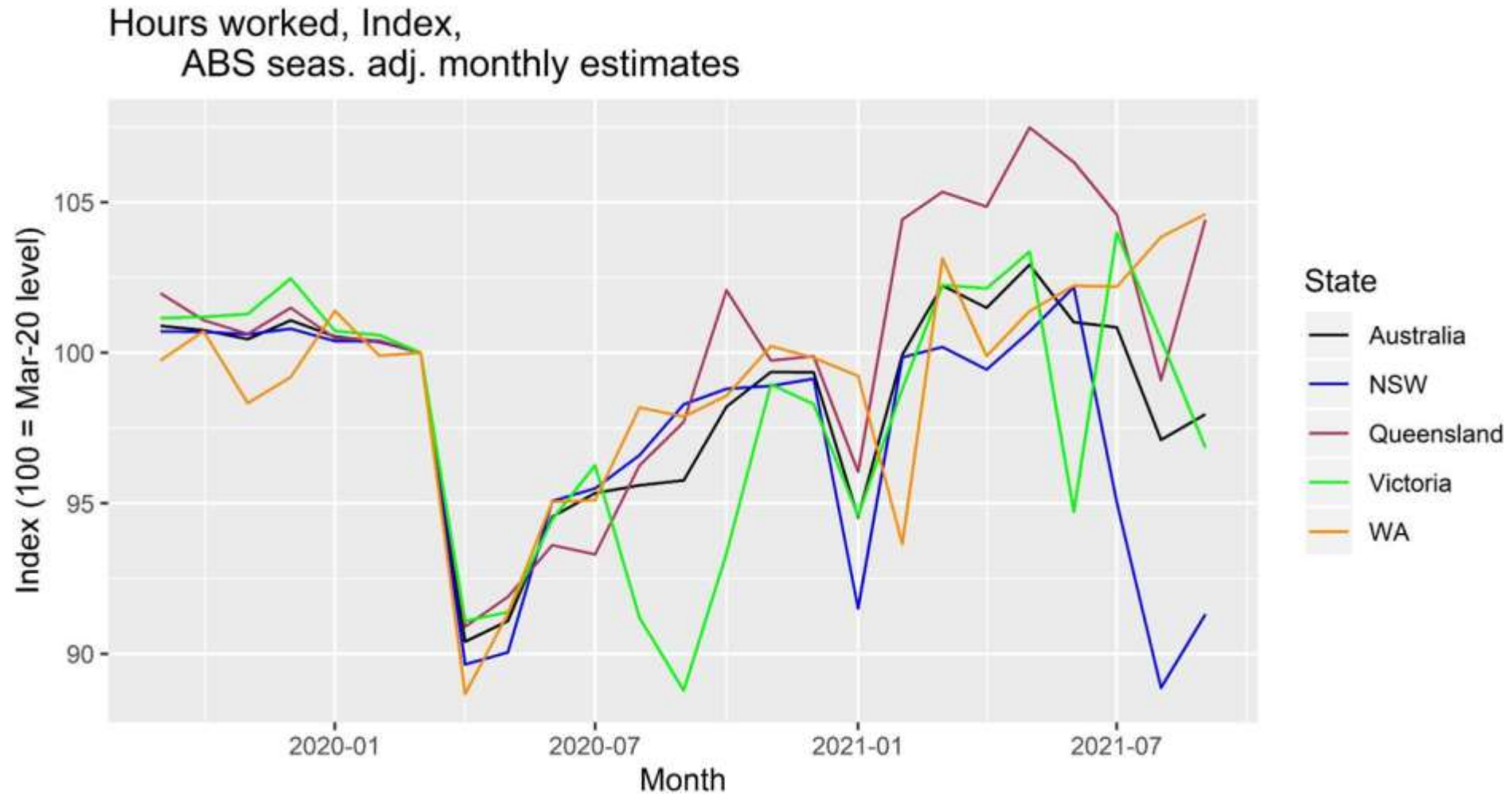
Weekly payroll data published by ABS, 2/1 to 11/9 2021



Lockdowns really cost NSW and Victoria

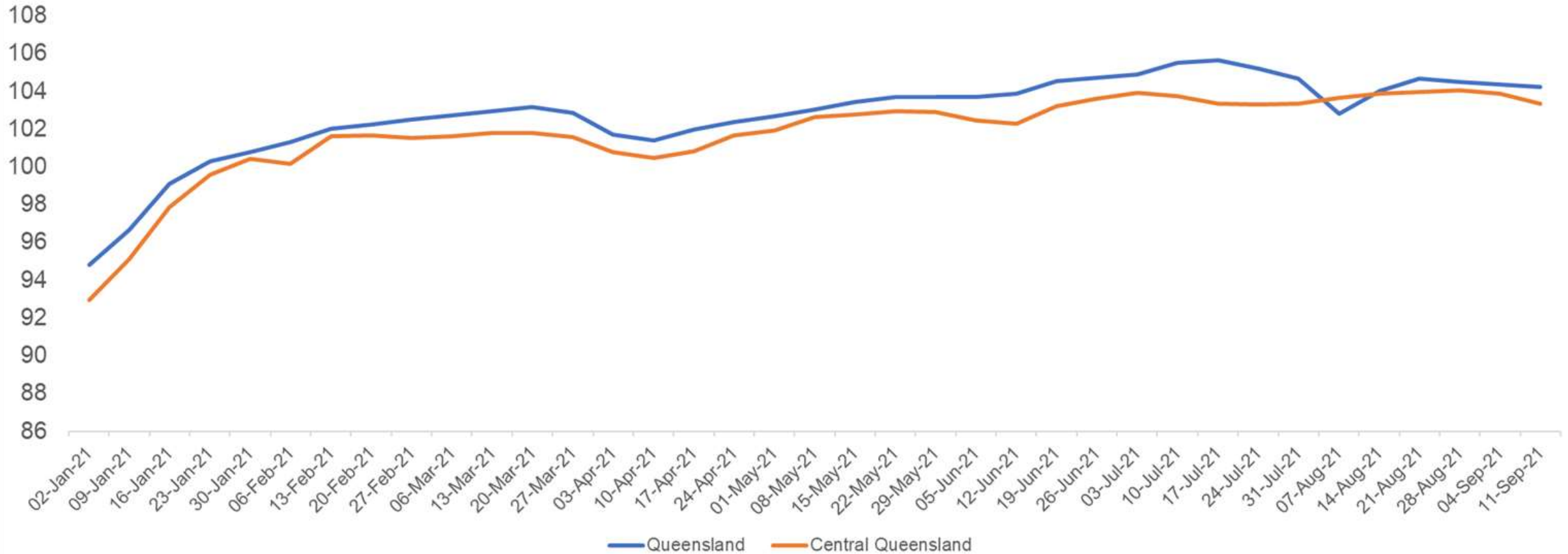


Queensland and WA hours worked higher than pre-COVID levels, NSW much lower



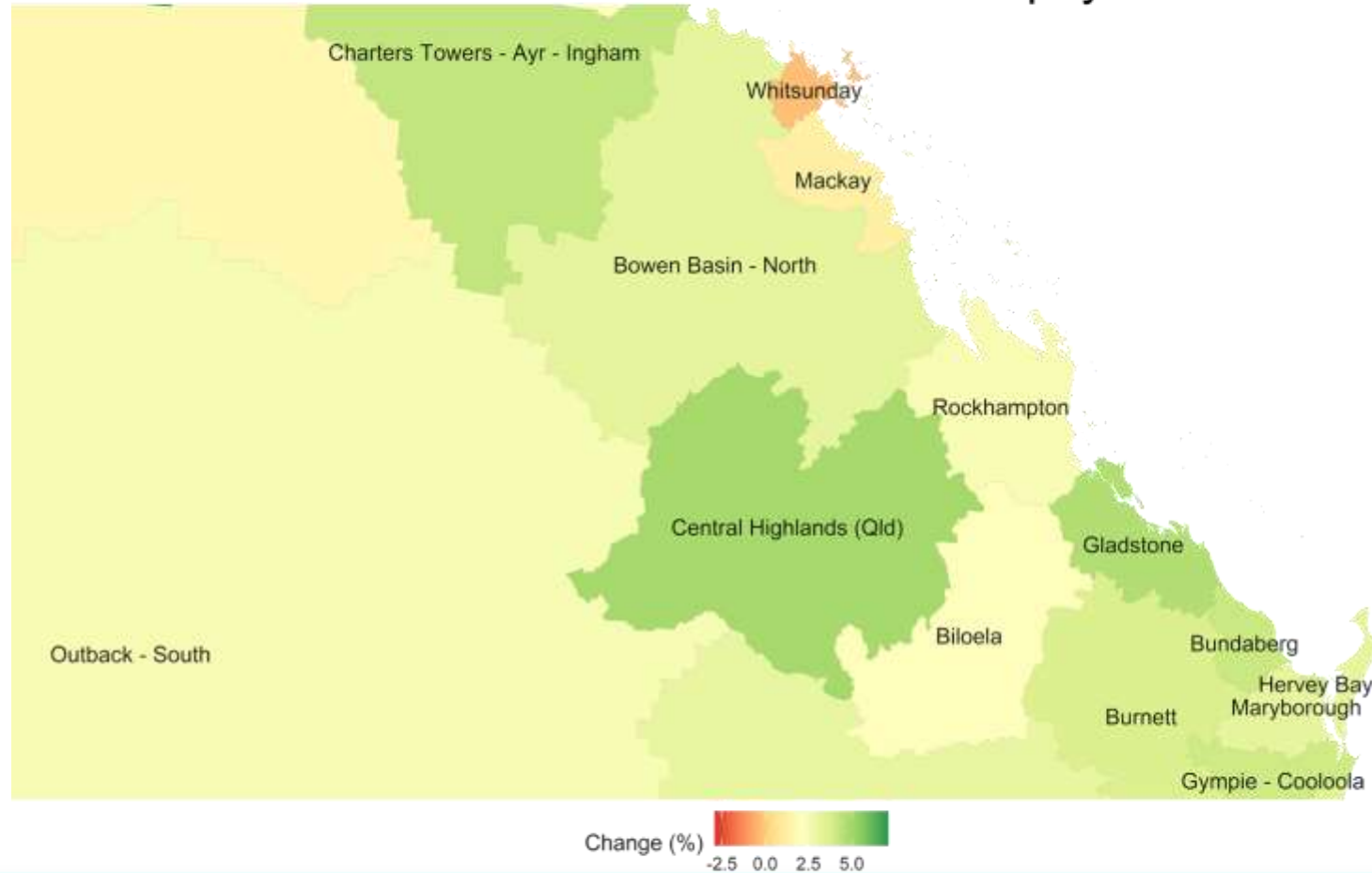
Central Queensland and Queensland payroll jobs index tracking similarly throughout 2021

Payroll jobs index, Queensland and Central Queensland, 02 Jan - 11 Sep 2021



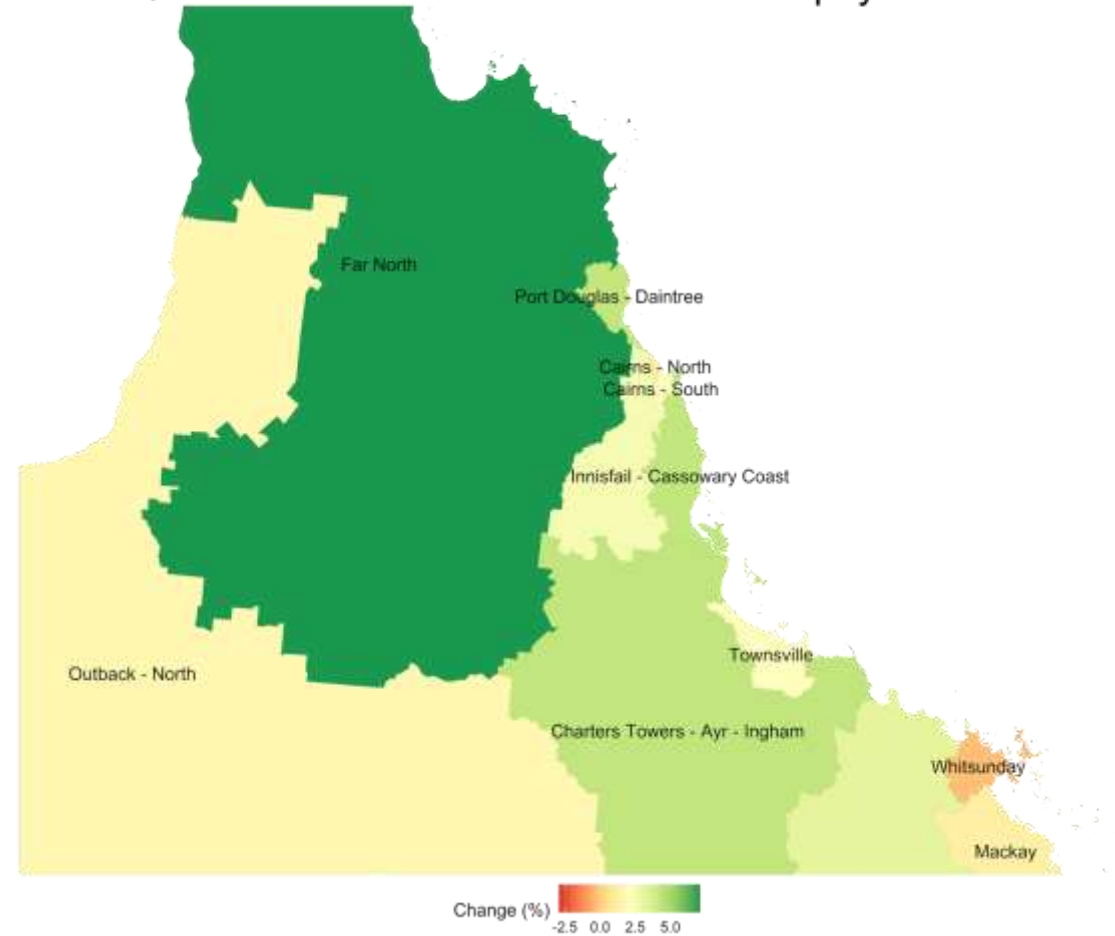
Central Queensland jobs robust but Whitsunday area still suffering from border closures impact on tourism

Change (%) in jobs since 14 March as at 11 Sep 2021,
Central Queensland - ABS estimates based on payroll data



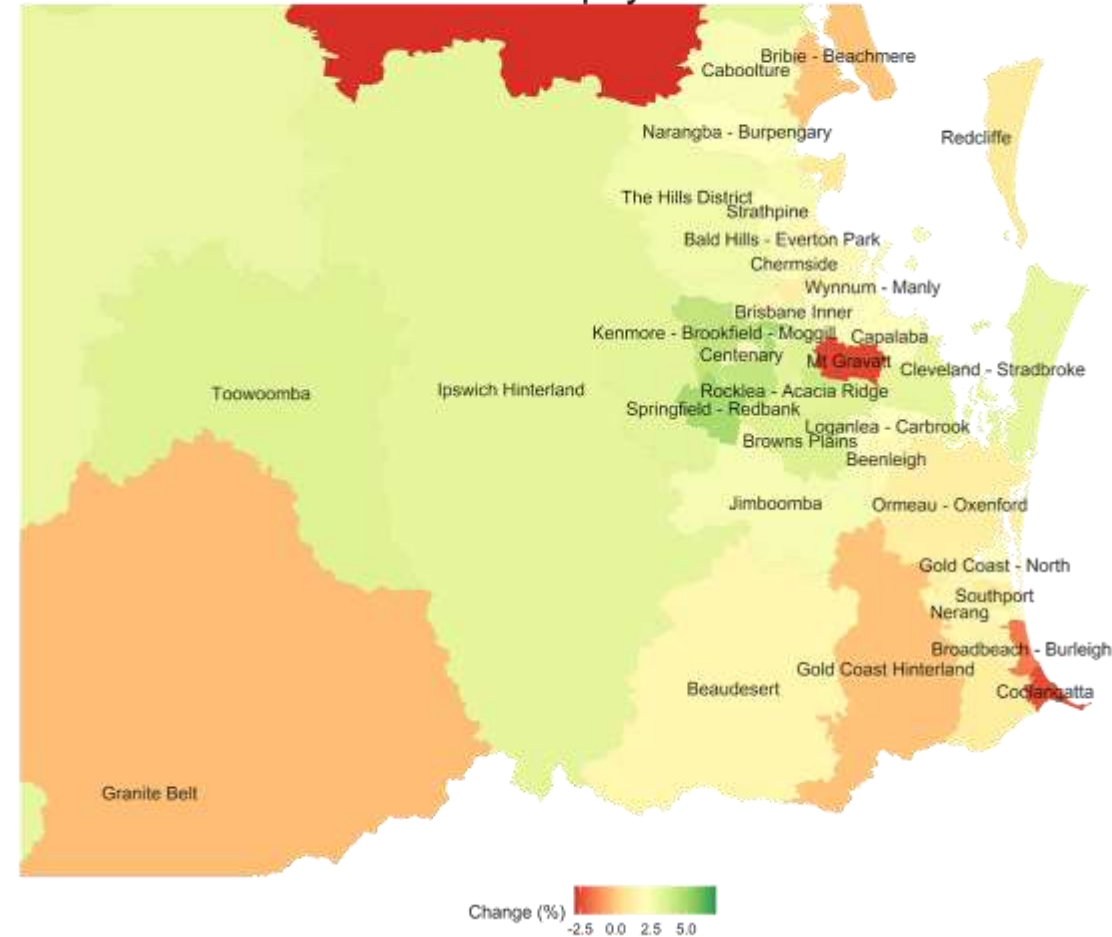
North Queensland performing well

Change (%) in jobs since 14 March as at 11 Sep 2021,
North Queensland - ABS estimates based on payroll data



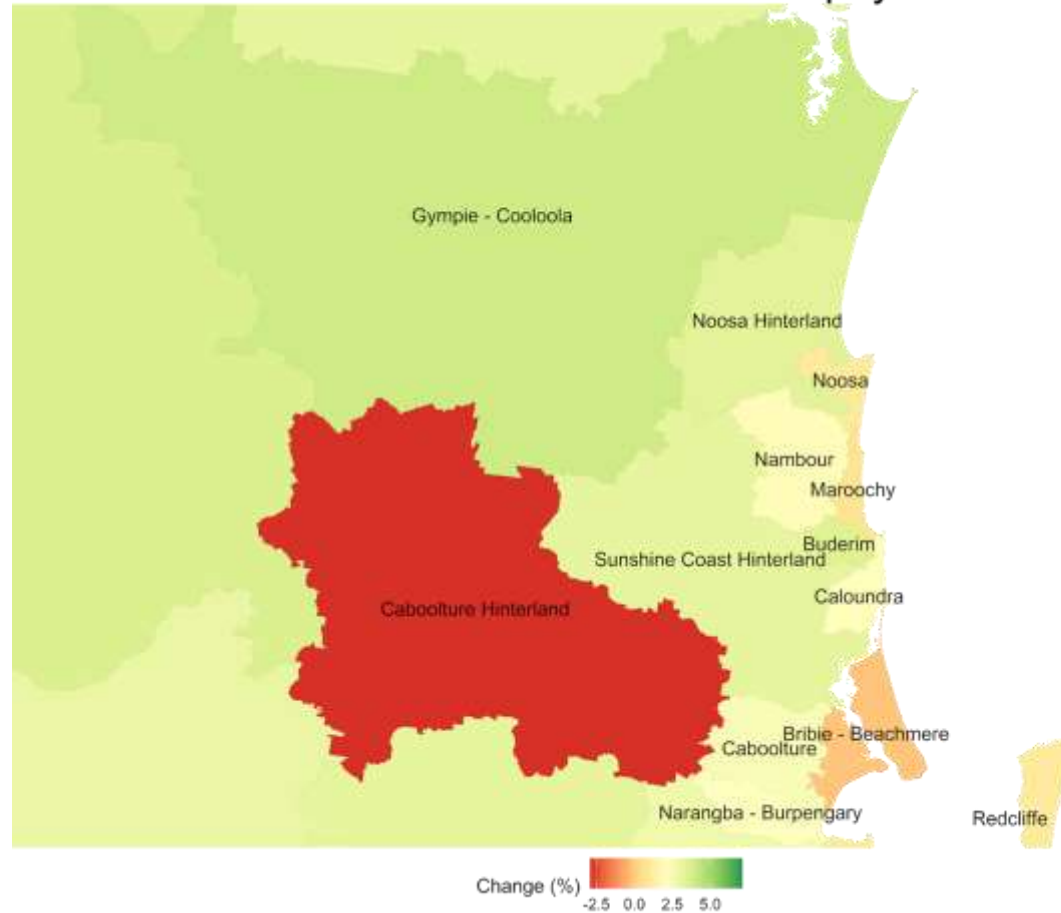
Most of SEQ recovering from pandemic jobs slump, aside from some areas e.g. Broadbeach

Change (%) in jobs since 14 March as at 11 Sep 2021,
SEQ - ABS estimates based on payroll data



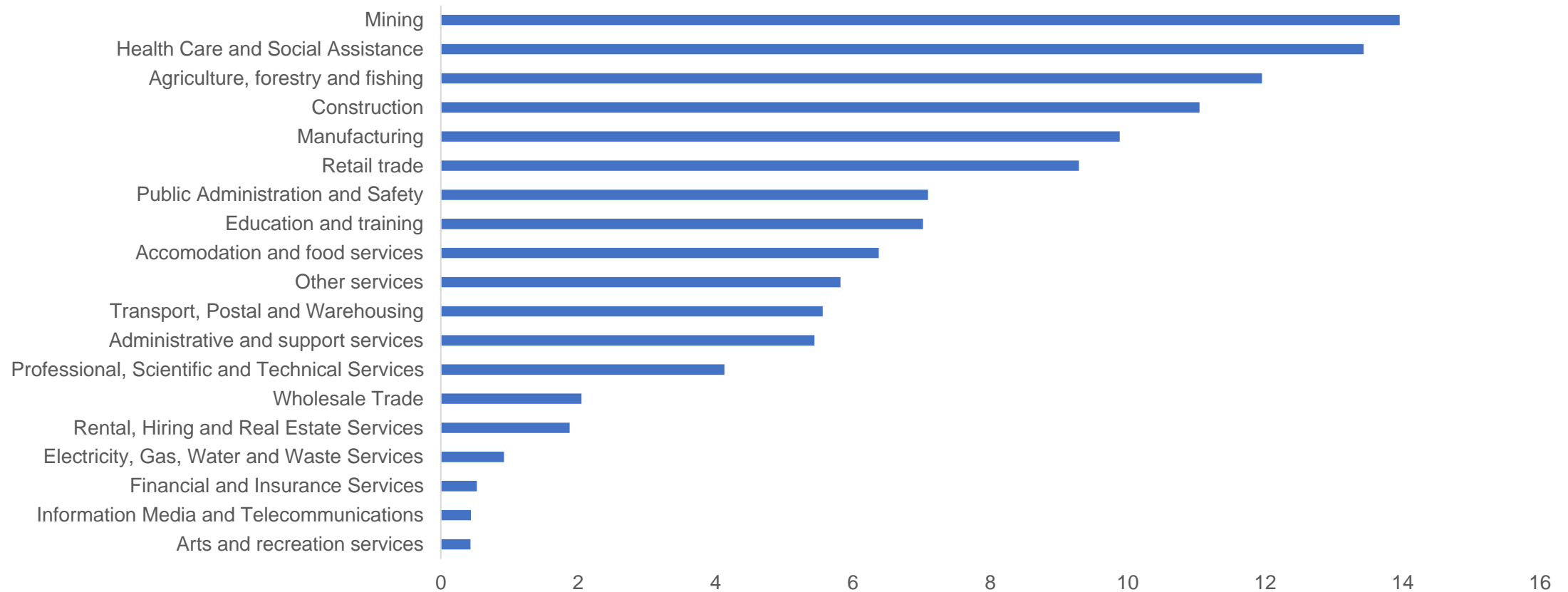
Sunshine Coast jobs faring well apart from Caboolture Hinterland

Change (%) in jobs since 14 March as at 11 Sep 2021,
Sunshine Coast - ABS estimates based on payroll data



Mining, health care, and ag. big drivers of CQ economy

Employed persons ('000s) in Central Queensland (ASGS) by Industry division of main job (ANZSIC), August 21



Coal prices are super high

Coal, Future, SGX TSI Australia Premium Coking Coal, Close, USD



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Cattle/beef prices are also high

Australia, Cattle, Eastern Young Cattle Indicator, AUD



Vacancies are high relative to pre-COVID

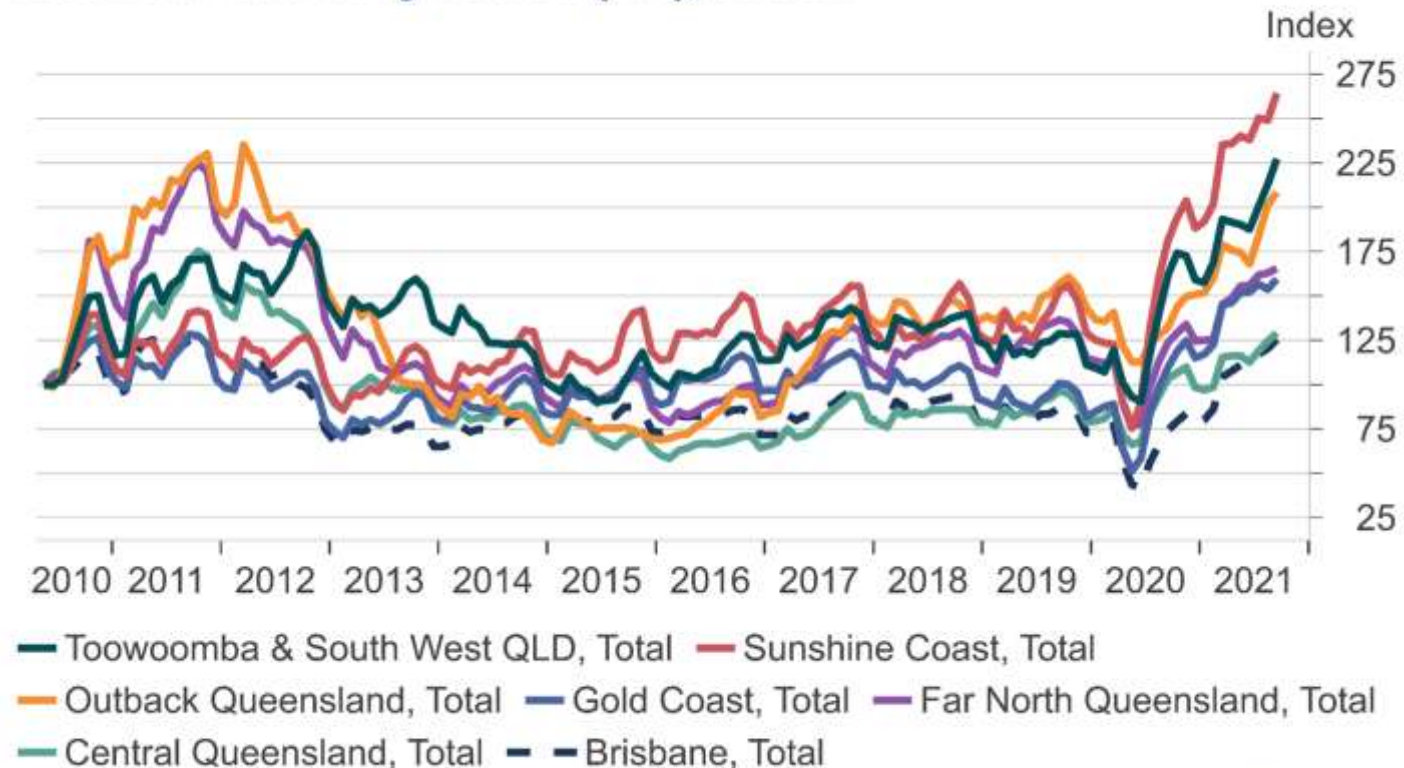
Australia, Job Vacancy Statistics, LMIP Internet Vacancy Index (IVI), Total, SA



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Vacancies across the state are rising quickly

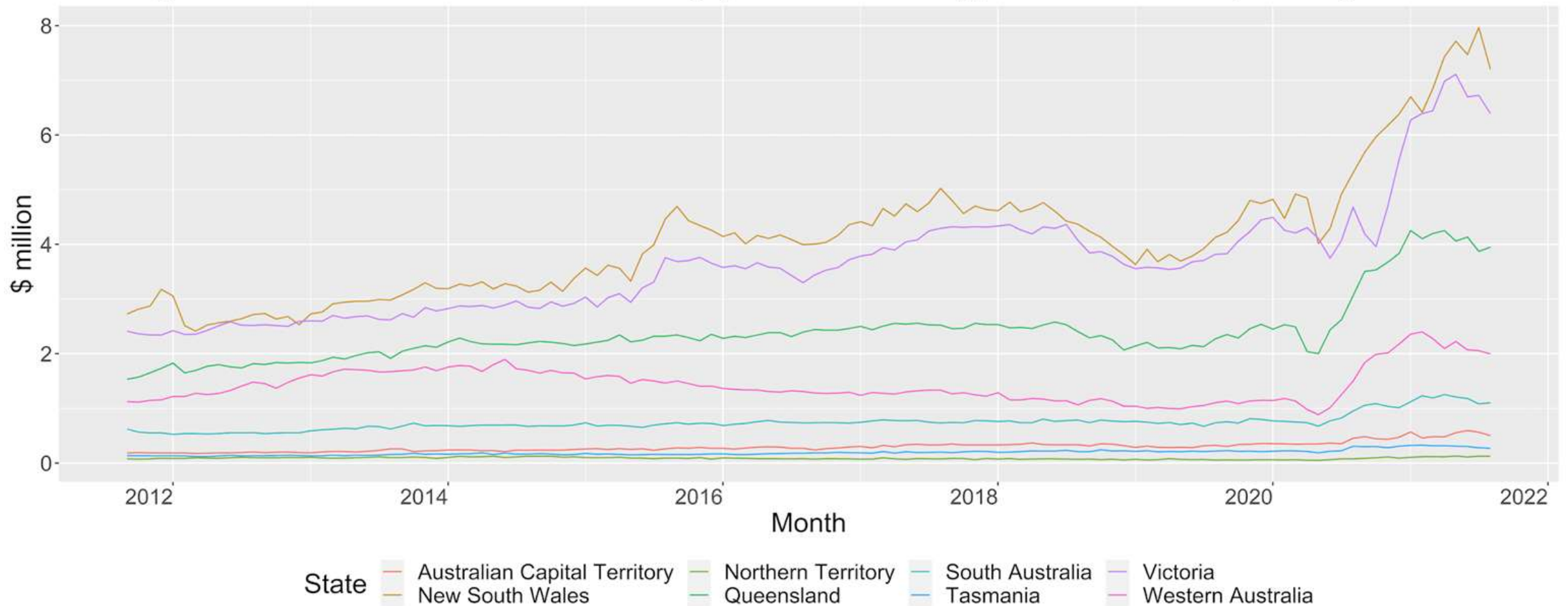
Australia, Queensland, Job Vacancy Statistics, LMIP
Internet Vacancy Index (IVI), Index



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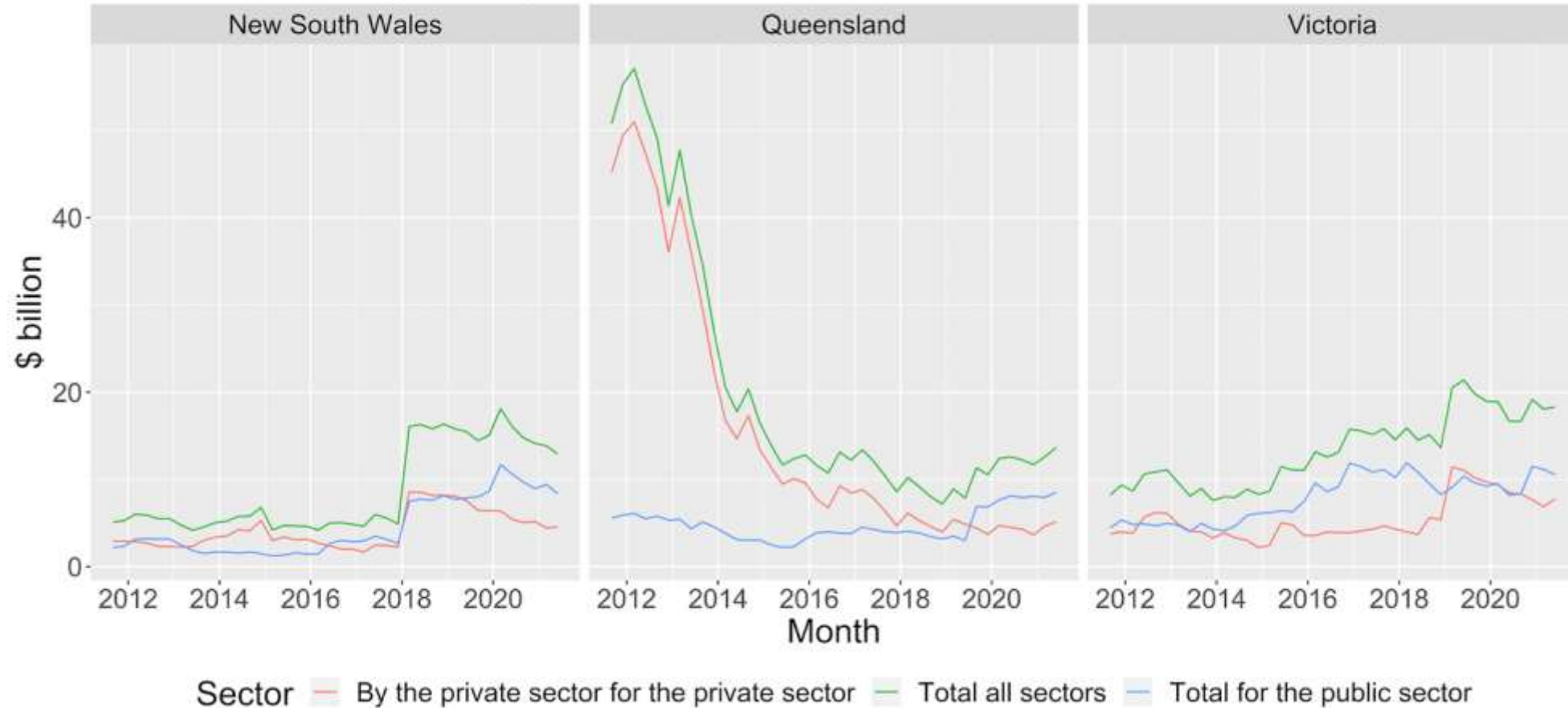
Surge in housing loans across the country, with signs of peaking

Lending to households for own. occ. dwellings, excl. refinancing, ABS estimates up to Aug-21



Engineering construction work pipeline buoyant in major states due to public projects

Engineering construction work yet to be done, by sector, original, ABS estimates up to Aug-21



COVID recovery: summary

- Queensland is performing better than most states across most economic indicators, but rest of Australia will improve with Aussie Reopening
- That said, border restrictions have been harsh and costly to many tourism and interstate business and disproportionately felt in tourism-reliant areas
- Vacancies are rising quickly, a good sign for 2022, but near-term outlook affected by low vax rates in some regional areas
- Border closures, particularly to overseas migrants, could be contributing to labour shortages in Queensland and the rest of Australia
- Property market boom driven by big increase in credit (home loans) to owner occupiers and businesses
- Indicator to watch is CPI inflation which could prompt RBA tightening of monetary policy earlier than expected and hence higher interest rates

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COP26 and Decarbonisation

Qld responsible for over 30% of Australia's total emissions

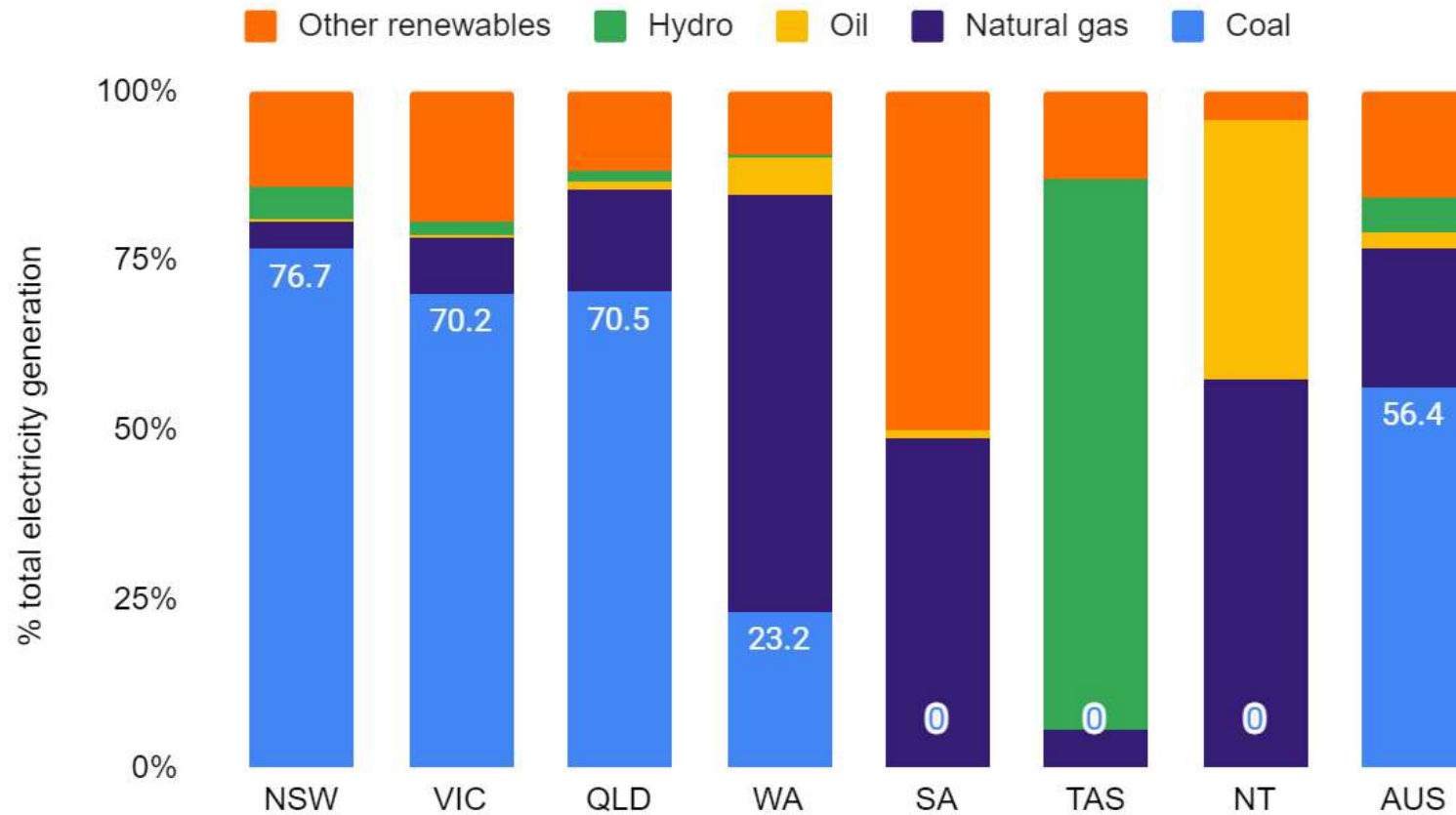
CO2-e emissions by state and use type, 2019



Source: National Greenhouse Accounts, 2019

Coal the largest source of energy in QLD, making up 70% of state's electricity generation in 2019

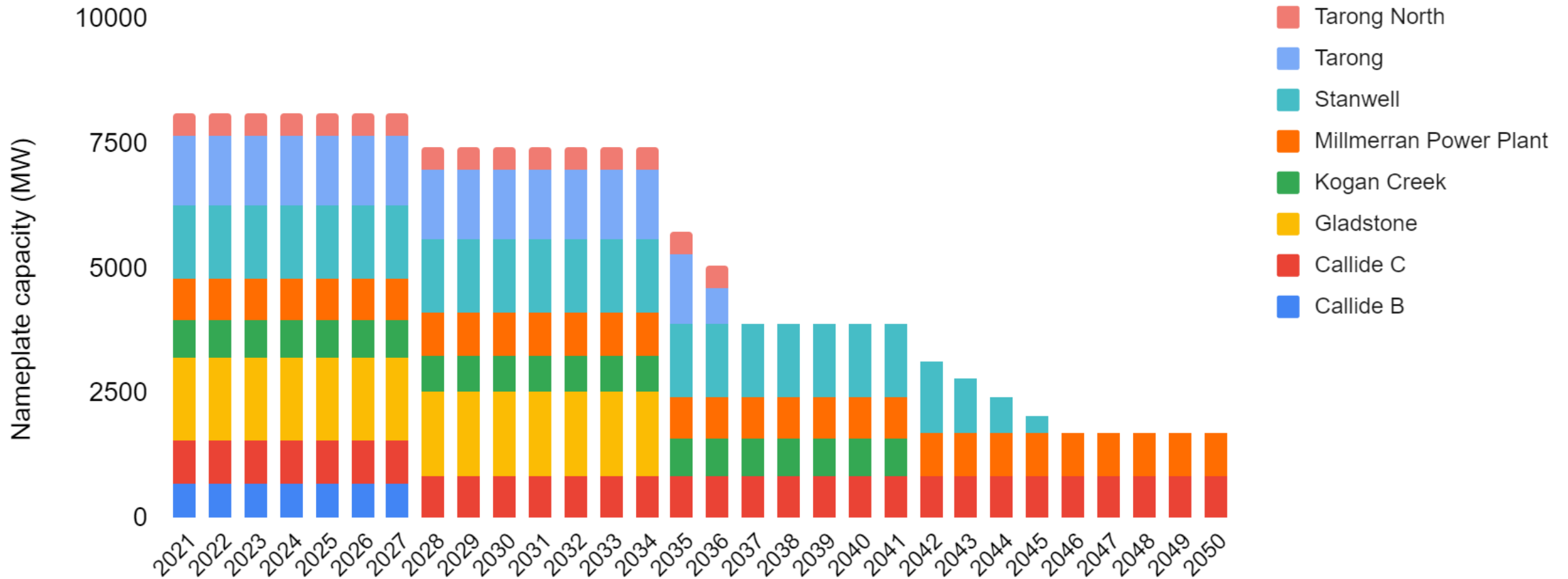
State energy grids by source (%), 2019



Source: National Greenhouse Accounts, 2019

80% of existing coal-fired nameplate capacity expected to retire over the next three decades

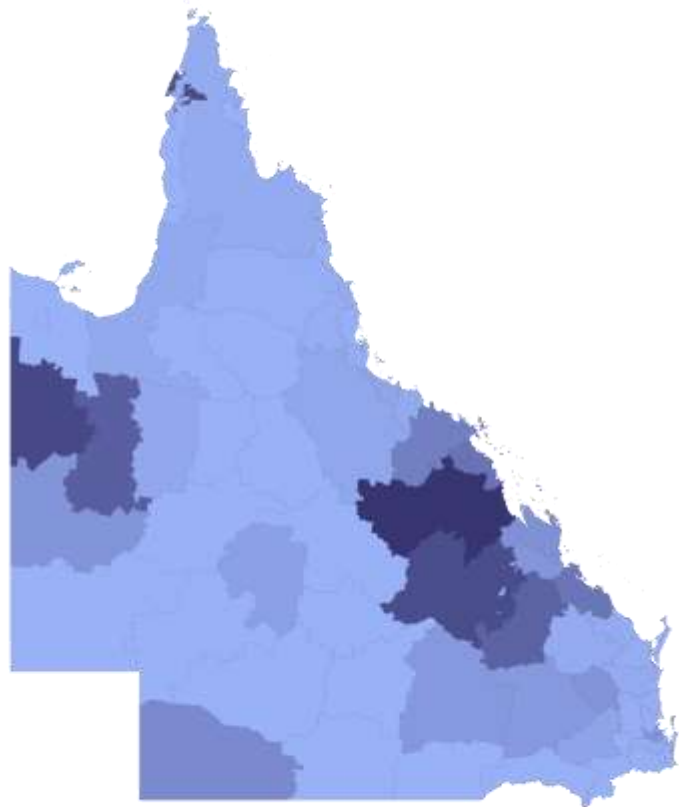
Expected retirement of Queensland coal-fired generation plants (nameplate capacity, MW)



Source: AEMO

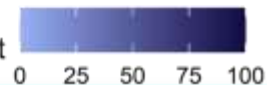
Regional communities (LGAs) to be affected the most by decline in coal

Direct + supply chain employment as % of total employment



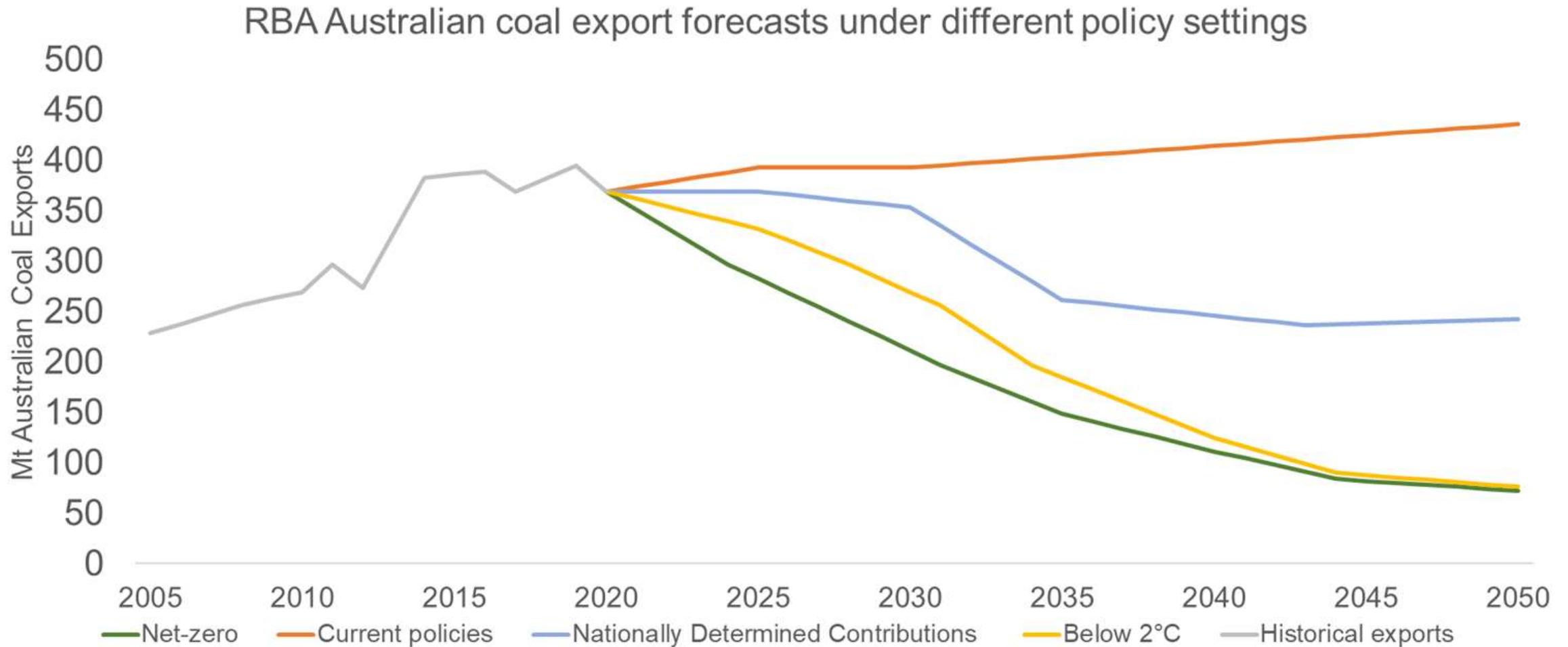
Source: QRC

% of total regional employment



Rank	Local Government Area	Direct + supply chain: % total employ
1	Isaac (R)	71.6
2	Mount Isa (C)	59
3	Napranum (S)	57.5
4	Mapoon (S)	57.4
5	Central Highlands (R)	56.2
6	Cloncurry (S)	45.9
7	Banana (S)	43
8	Weipa (T)	36.8
9	Mackay (R)	34.2
10	Gladstone (R)	32.3

RBA forecasts suggest coal exports will persist under current policy conditions



Source: RBA

Superpower opportunity for QLD in net-zero carbon emissions future

STRENGTHS

- Highly educated population affords greater **labour flexibility**
- **Existing wealth** can go toward investment into clean technologies
- **Suitable conditions for renewables**
- **Large landmass**

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WEAKNESSES

- Specialisation in **emissions intensive industries**
- Queensland GOCs **CS Energy and Stanwell** likely unprofitable in the future

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OPPORTUNITIES

- Queensland is able to benefit from the so-called **superpower opportunity**
- **Copperstring 2.0** could deliver significant economic returns
- Queensland is positioning itself as a global leader in the **hydrogen economy**

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THREATS

- Reductions in **coal royalties**
- Border taxes like EU Carbon Border Adjustment Mechanism
- **Risks to natural attractions** such as the Great Barrier Reef
- General **climate instability** (extreme case)

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Thank you. Any questions?

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