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# Census 2011

Assessing Aboriginal wellbeing in the East Kimberley

# Agenda

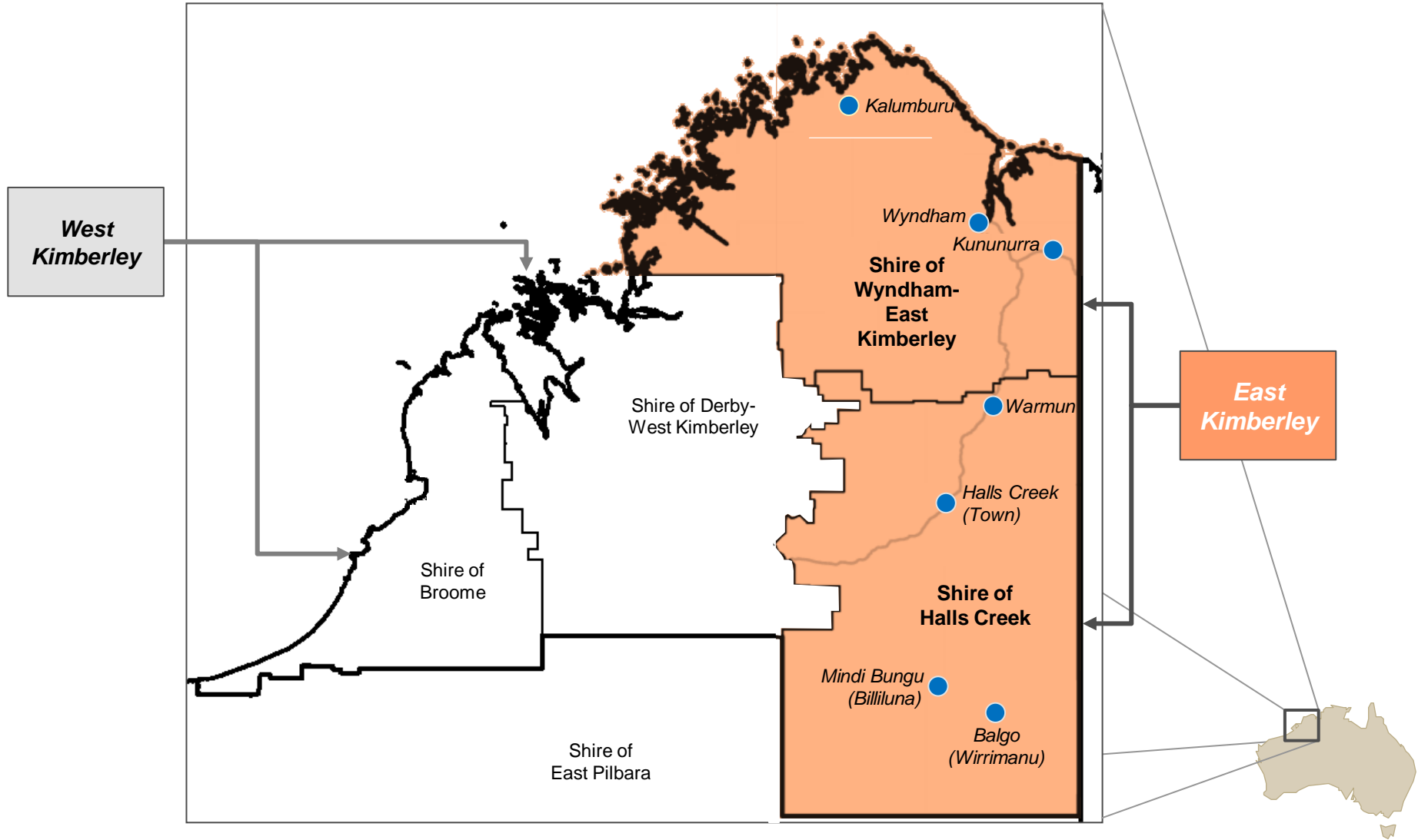
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## Background and executive summary

### Priority areas

- Population
- Education
- Employment
- Housing

# The East Kimberley is made up of two shires, and a range of towns from the very remote to the regional hub of Kununurra



# Executive summary for 2011 Census in East Kimberley

## Population

- EK has grown by 6% since 2001 to 11,400 people, driven by growth in the Aboriginal population and in Kununurra
- About half the EK population is Aboriginal
- 55% of EK Aboriginal population is under 25, compared with 34% of total WA population (and 25% of EK non-Aboriginal population)
- EK has a relatively stable Aboriginal population, and a more transient non-Aboriginal population

## Education

- 17% of EK Aboriginal population has completed year 12, compared to 54% of the EK non-Aboriginal population
  - 10 percentage point EK Aboriginal improvement since 2001 is slower than nation-wide improvement of 11 percentage points
  - Aboriginal improvement has been particularly slow in Shire of Halls Creek (only 6 percentage point increase since 2001)
- On its current trajectory, Australia will meet its target to halve the 2006 gap in year 12 attainment for 20-24 year olds in 2032; at that point, on its current trajectory, the EK gap will be roughly the same size as it is now

## Employment

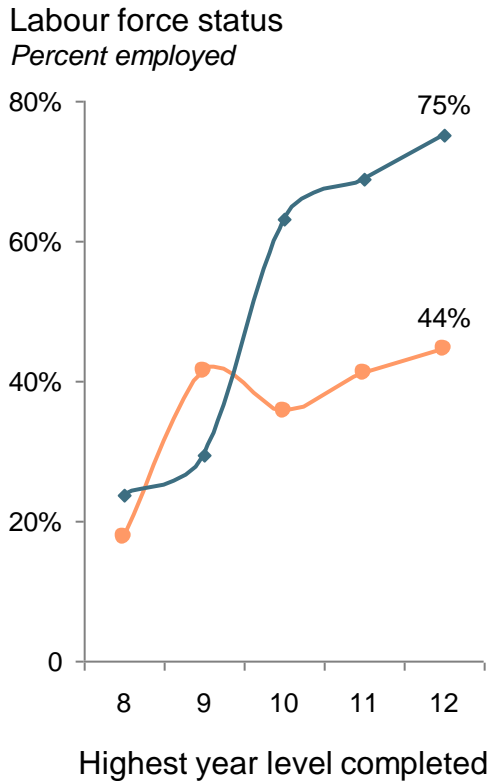
- 26% of EK Aboriginal adults are in “real” (non-CDEP) jobs, compared to 87% of EK non-Aboriginal adults
- Increased real employment for EK Aboriginal adults since 2001 hasn’t offset the large decrease in CDEP places
- On its current trajectory, Australia will not meet by 2020 its target to halve the 2006 gap in employment; in the EK, the gap is nearly twice as big and on its current trajectory, won’t be halved until 2045
- EK Aboriginal Year 12 graduates have lower levels of employment than EK non-Aboriginal people who did not reach Year 9
- 615 new jobs in the region since 2006, driven by construction, education & training and transport jobs

## Housing

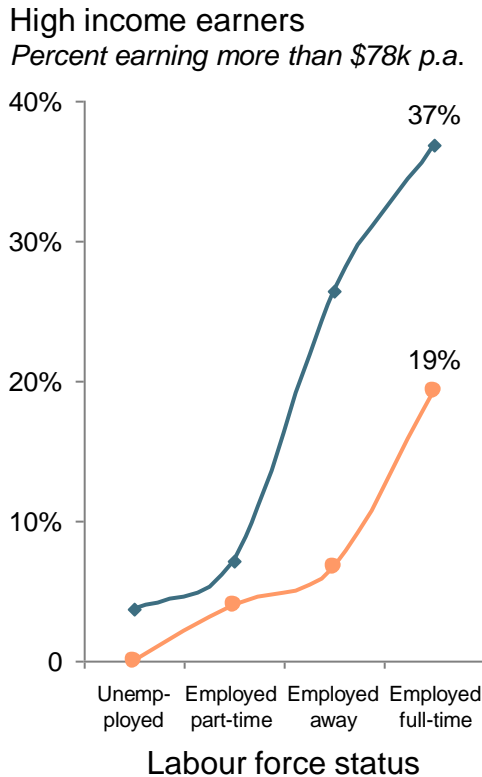
- 79% of EK Aboriginal households are public or community housing, compared to 14% of EK non-Aboriginal households
  - For EK Aboriginal households, this represents a reduction of 7 percentage points since 2006
- 70% of EK non-Aboriginal households in EK have 1 or 2 occupants, compared to 31% of EK Aboriginal households
- 14% of EK Aboriginal households have eight or more occupants (no EK non-Aboriginal households)
- At least 20% of EK Aboriginal households are overcrowded (more than two people per bedroom), down from 33% in 2001

# East Kimberley Aboriginal outcomes are poorer than WA overall outcomes, even with increased accomplishment

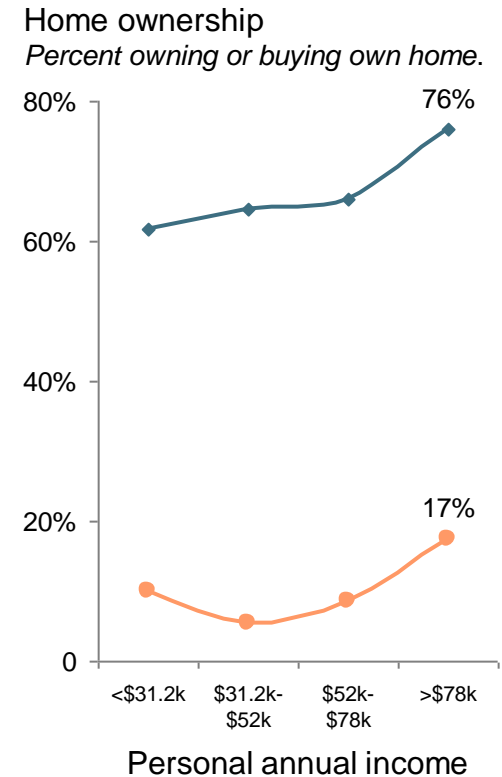
## Lower employment, even as school level increases...



## ...lower incomes, even when employed...



## ...and less private housing, even on higher incomes

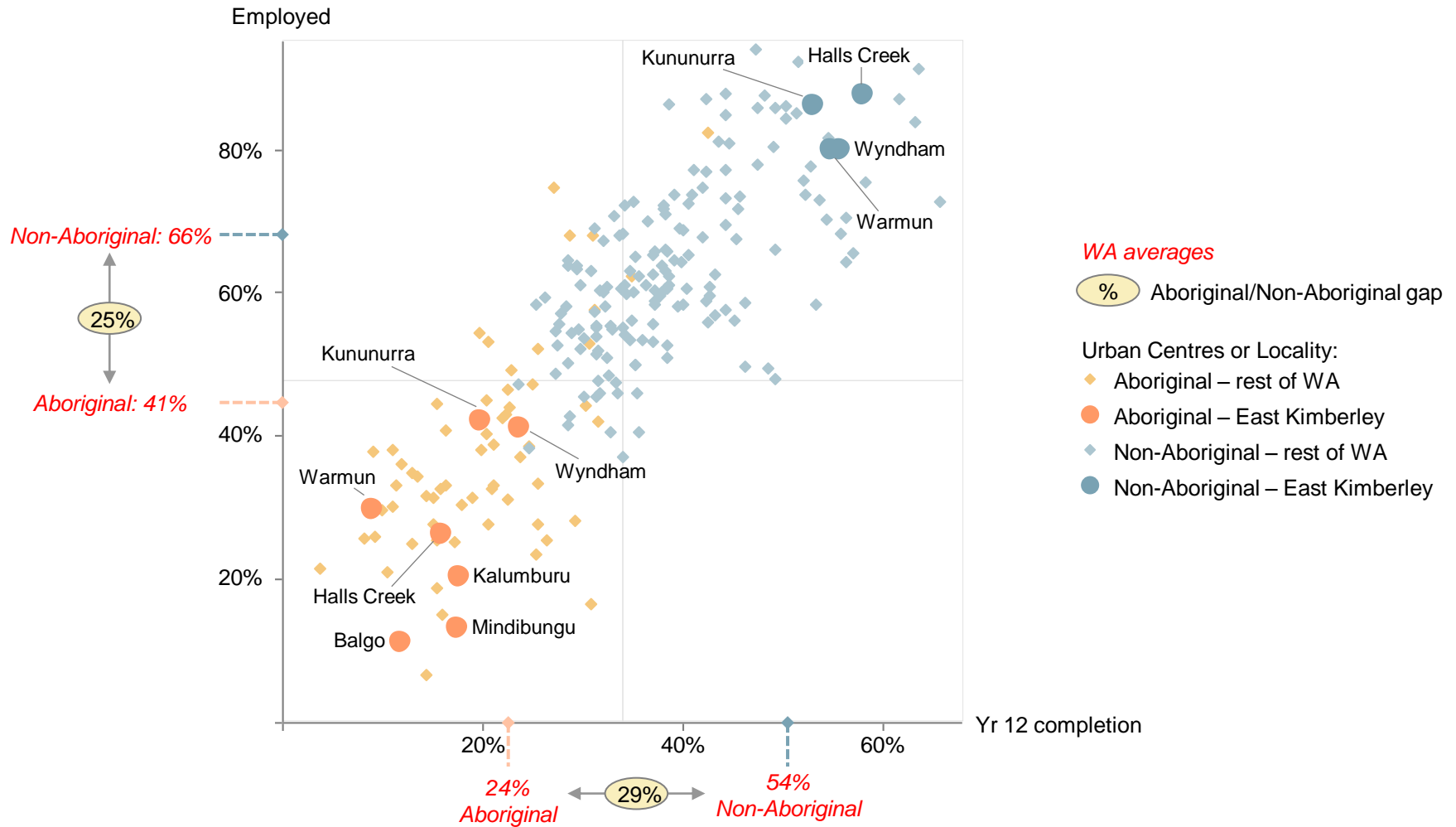


—●— East Kimberley Aboriginal —◆— WA Total

Note: Employment includes full-time, part-time & away from work  
Source: Calculated from ABS Census 2011

# 2011 WA Aboriginal vs. non-Aboriginal gap in education and employment outcomes exacerbated in the East Kimberley

## Year 12 completion and employment by UCL



Note: Populations with less than 50 residents excluded. Calculated over total relevant population (including under 15 year olds). Employment includes full-time, part-time & away from work  
 Source: Calculated from ABS Census 2011

# Agenda

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## Background and executive summary

### Priority areas

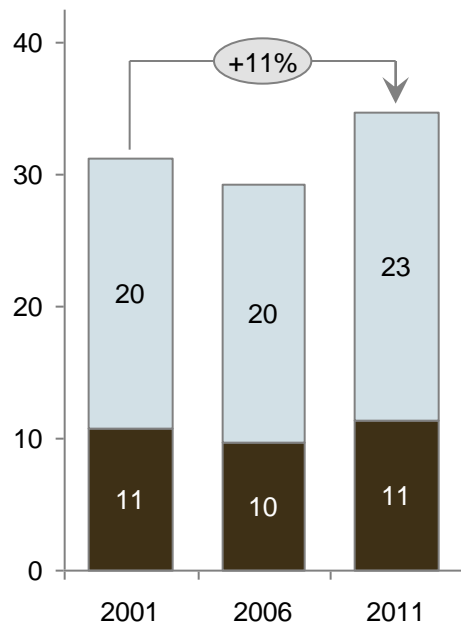
- Population
- Education
- Employment
- Housing

# Kimberley population

The region's population has grown since 2001, driven by Aboriginal population growth in main towns

Since 2001, the Kimberley has grown...

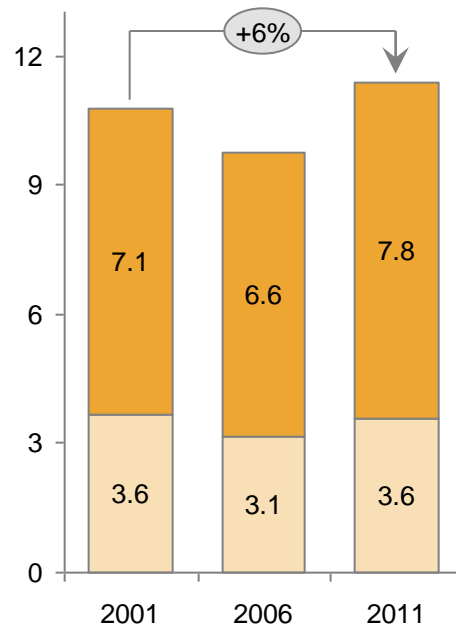
Kimberley population ('000s)



West Kimberley  
East Kimberley

...as have both Shires in the East Kimberley...

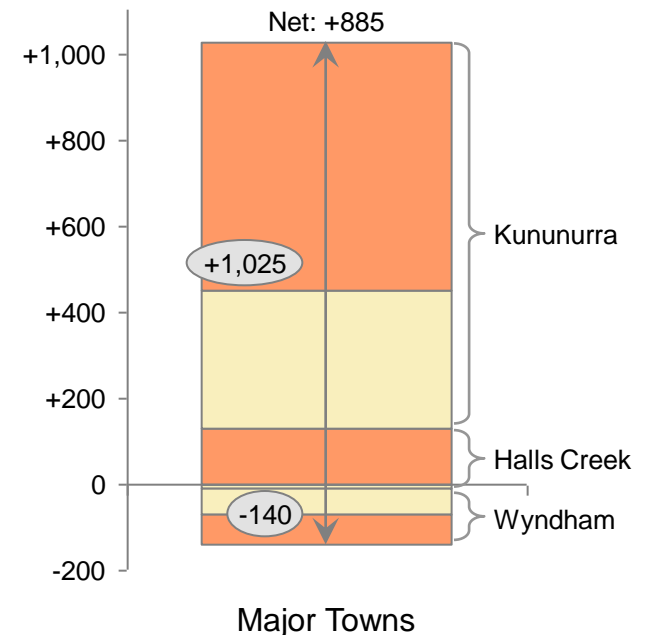
East Kimberley population ('000s)



Shire of Wyndham East Kimberley  
Shire of Halls Creek

...with Kununurra and Halls Creek growing and Wyndham shrinking

Population change from 2001 to 2011

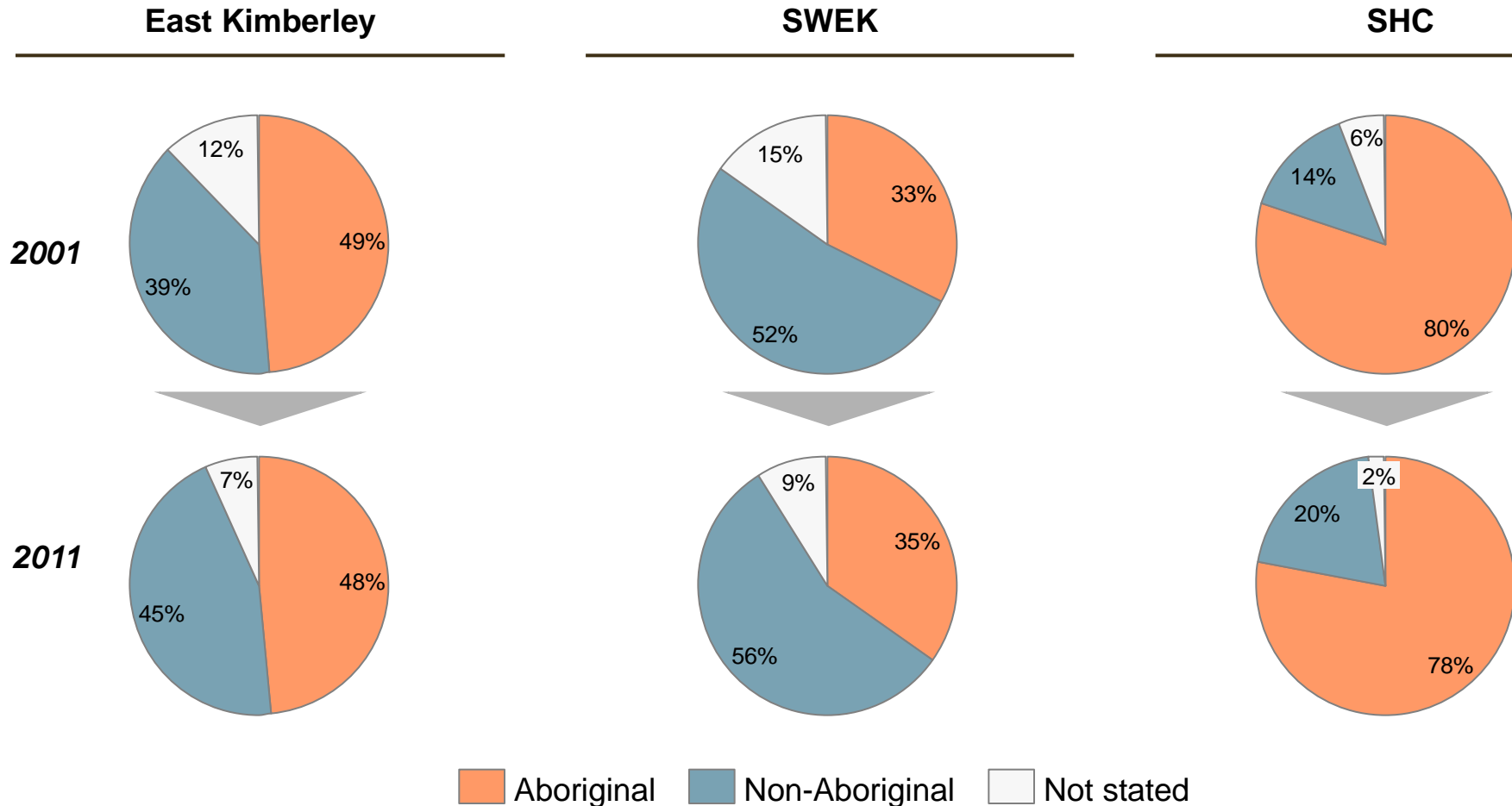


Aboriginal  
Non-Aboriginal & not-stated  
Wyndham



# Aboriginal proportion of East Kimberley

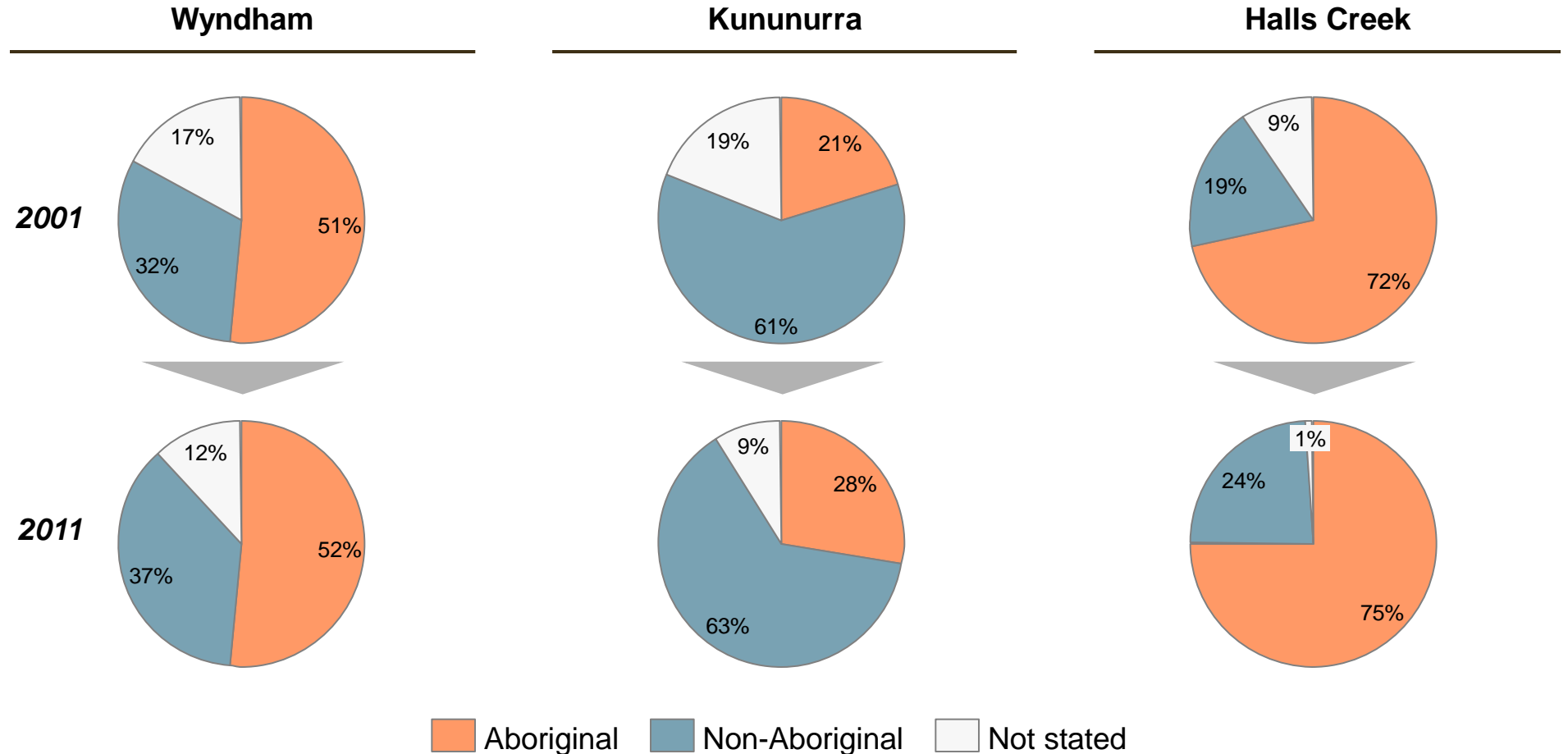
Shire of Halls Creek has a higher Aboriginal proportion than Wyndham-East Kimberley



Source: Calculated from ABS Census 2011 and 2001. SWEK: Shire of Wyndham-East Kimberley, SHC: Shire of Halls Creek

# Aboriginal proportion of East Kimberley

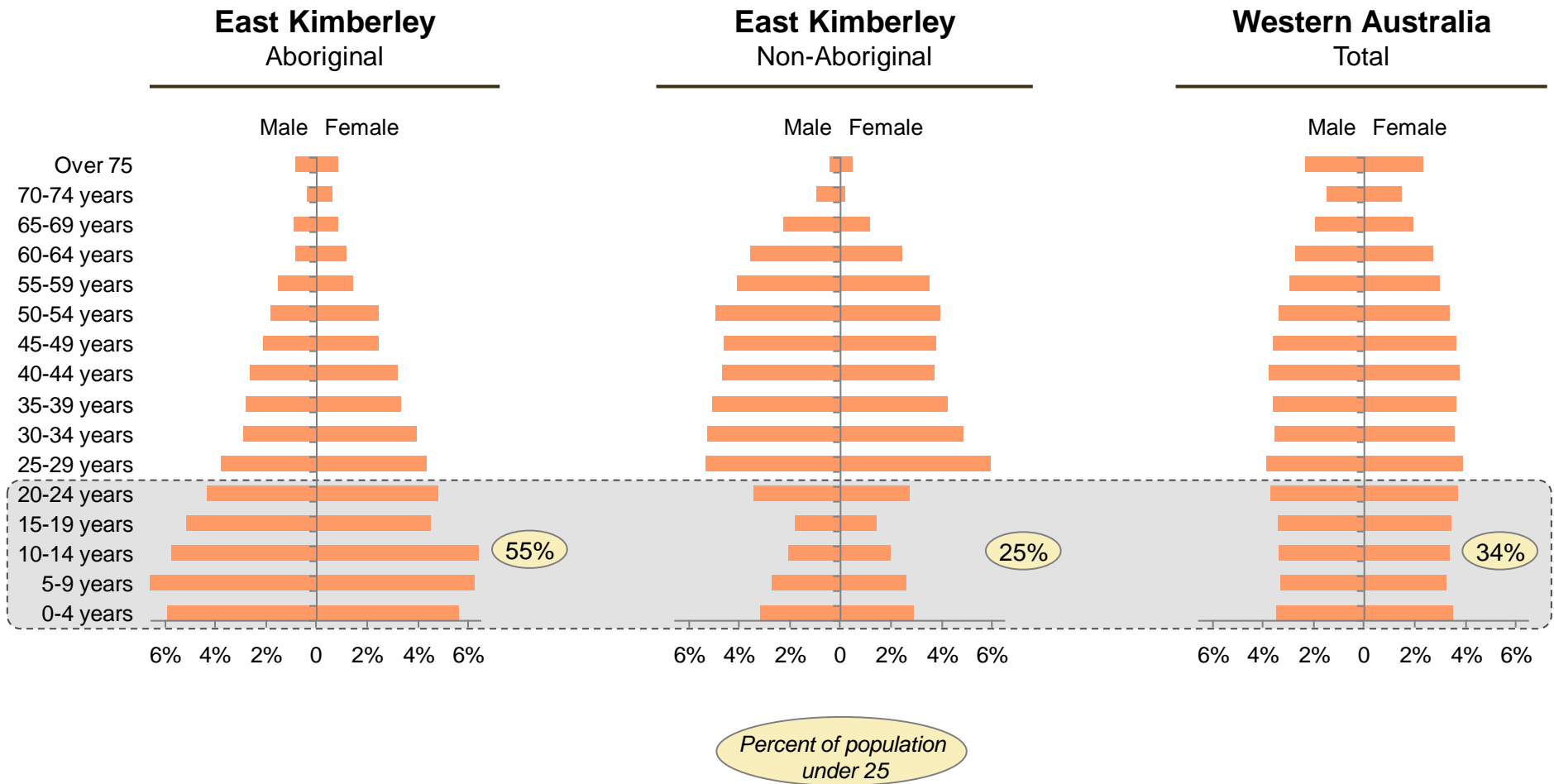
Halls Creek a higher Aboriginal proportion than Kununurra



Source: Calculated from ABS Census 2011 and 2001

# 2011 age distribution in the East Kimberley

Both Aboriginal and non-Aboriginal populations in the region are skewed from the overall WA profile

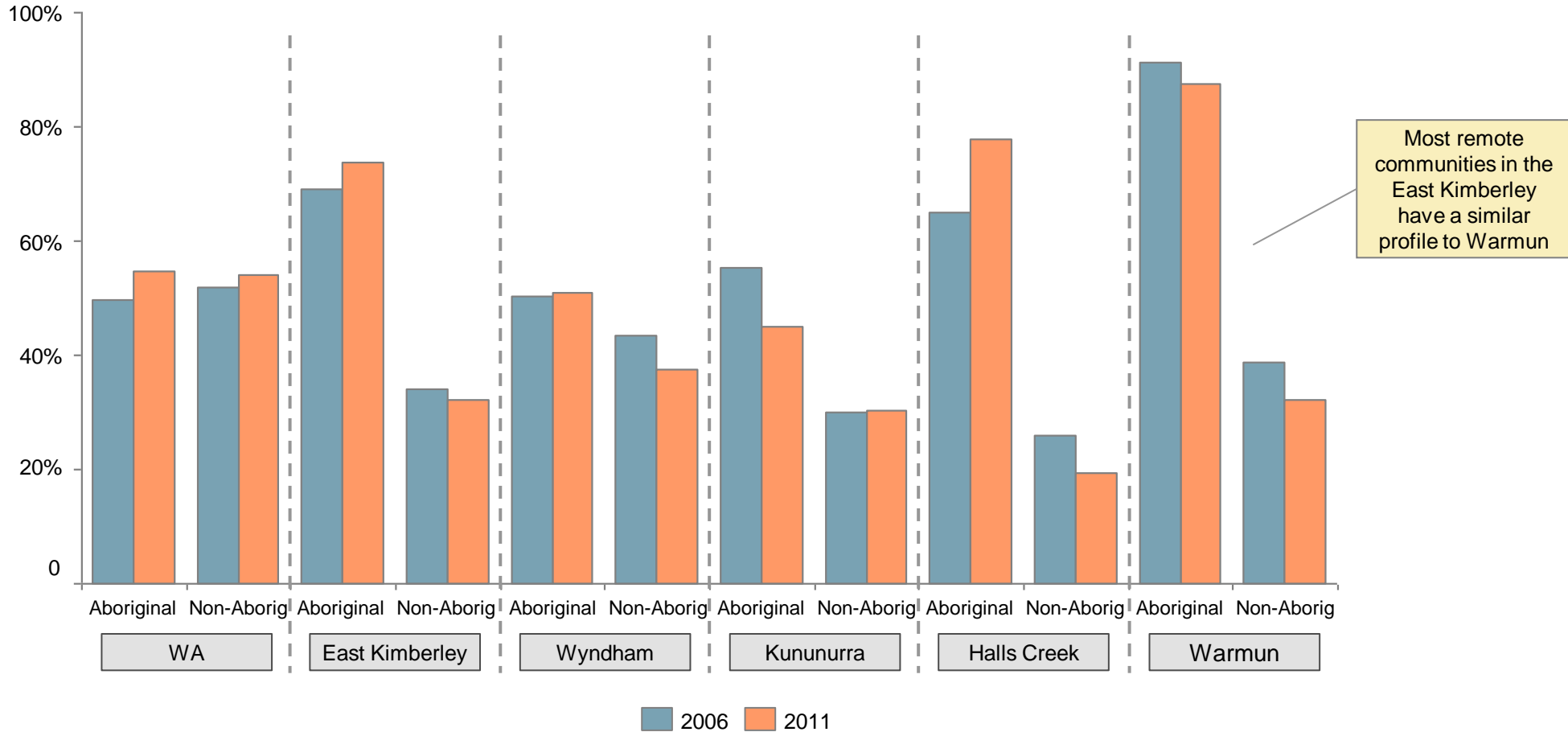


Source: Calculated from ABS Census 2011

# 2011 East Kimberley migration

East Kimberley has a stable Indigenous population and transient non-Indigenous population

## Same address as 5 years ago



Source: Calculated from ABS Census 2011 and 2006

# Agenda

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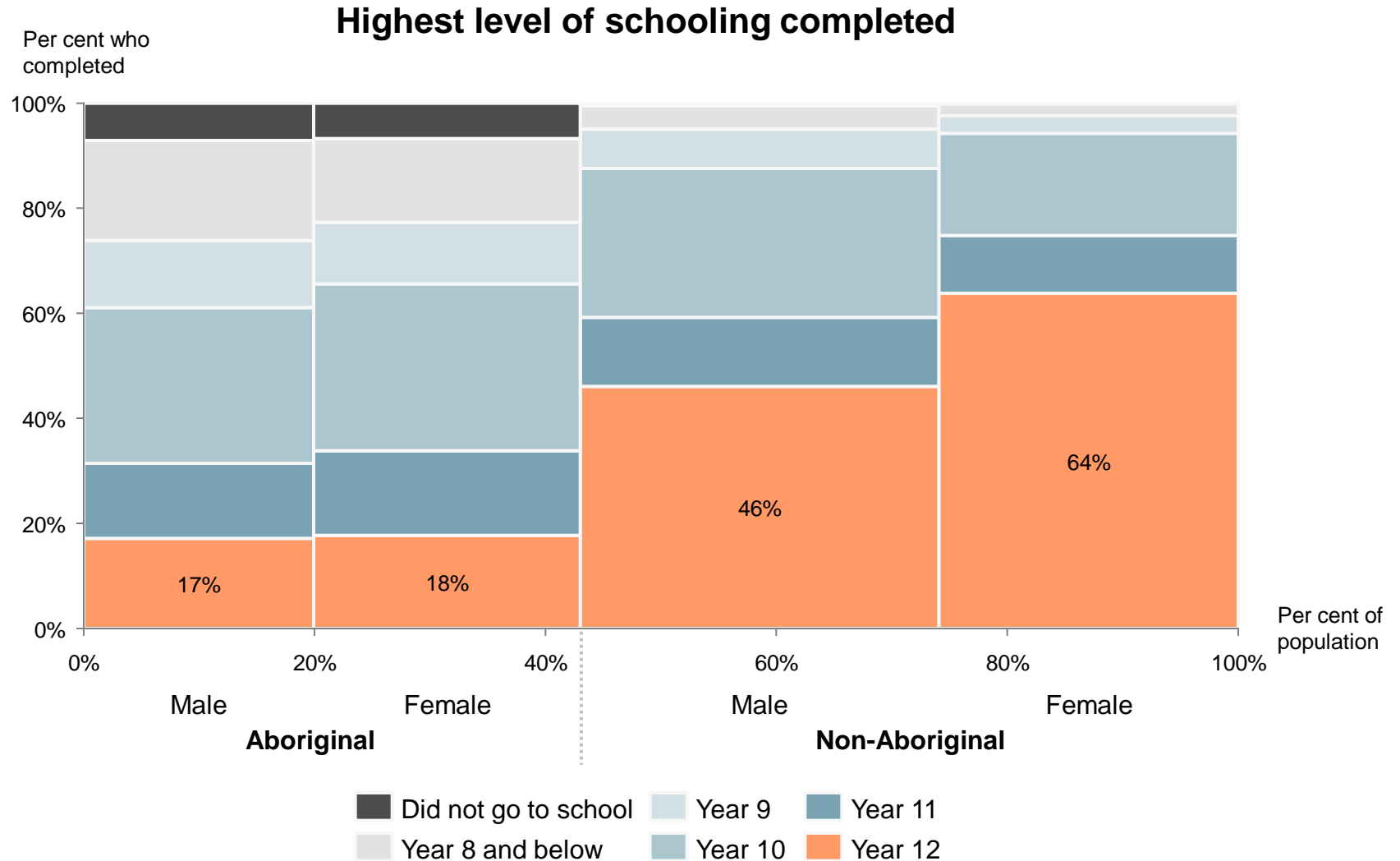
## Background and executive summary

### Priority areas

- Population
- **Education**
- Employment
- Housing

# 2011 snapshot: schooling in the East Kimberley

Significant gap between Aboriginal and non-Aboriginal populations



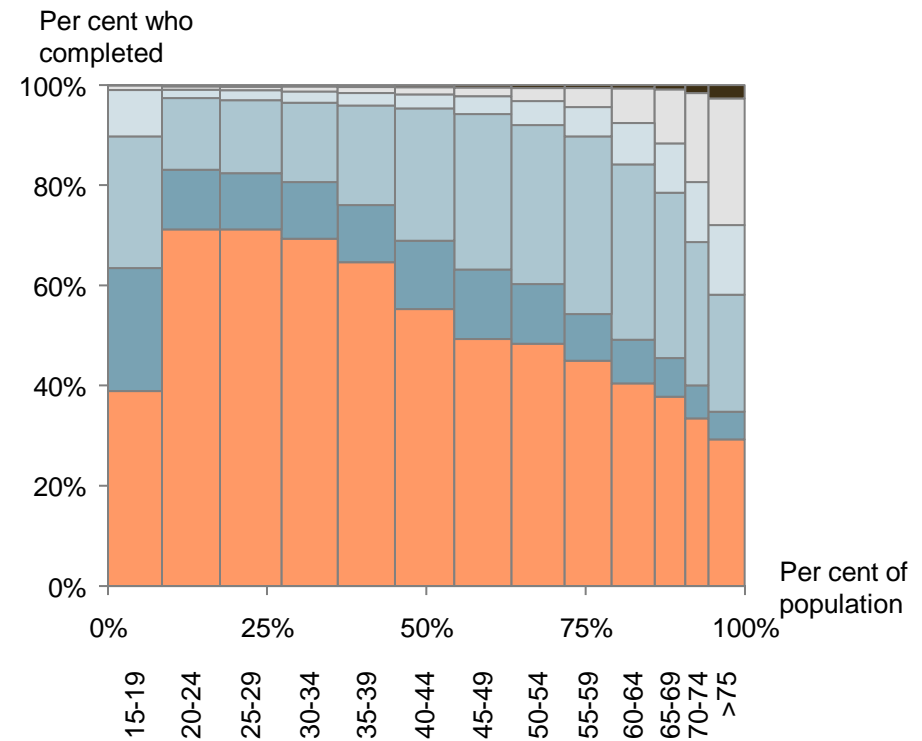
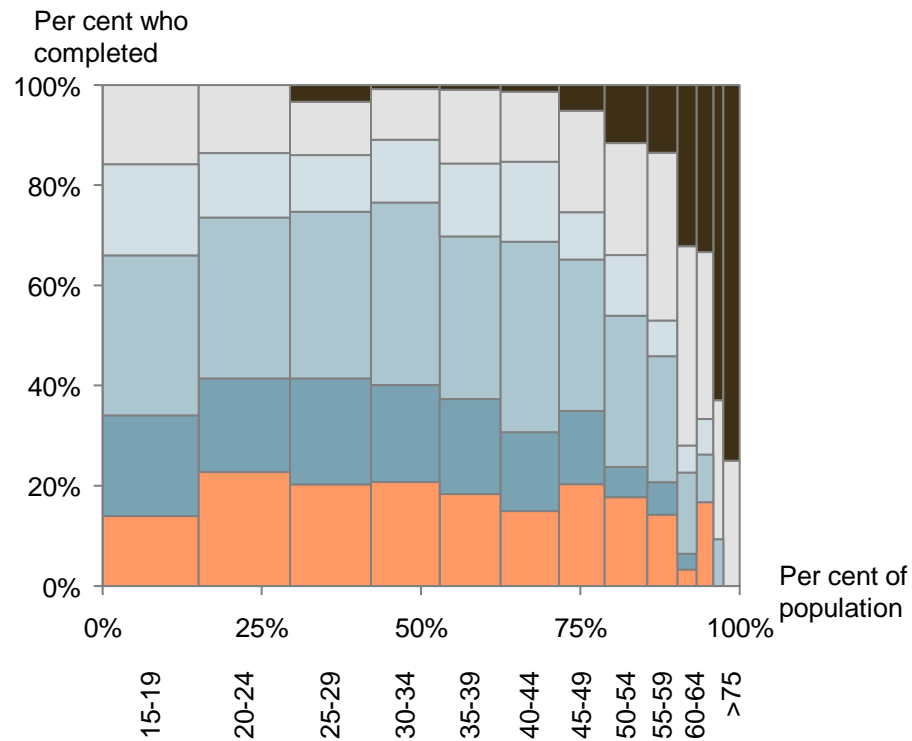
Note: Graph excludes "Highest year of school not stated"  
 Source: Calculated from ABS Census 2011

# Educational disadvantage extends across all age brackets in the East Kimberley Aboriginal community

## Highest level of schooling completed

**East Kimberley  
Aboriginal**

**Western Australia  
Total**



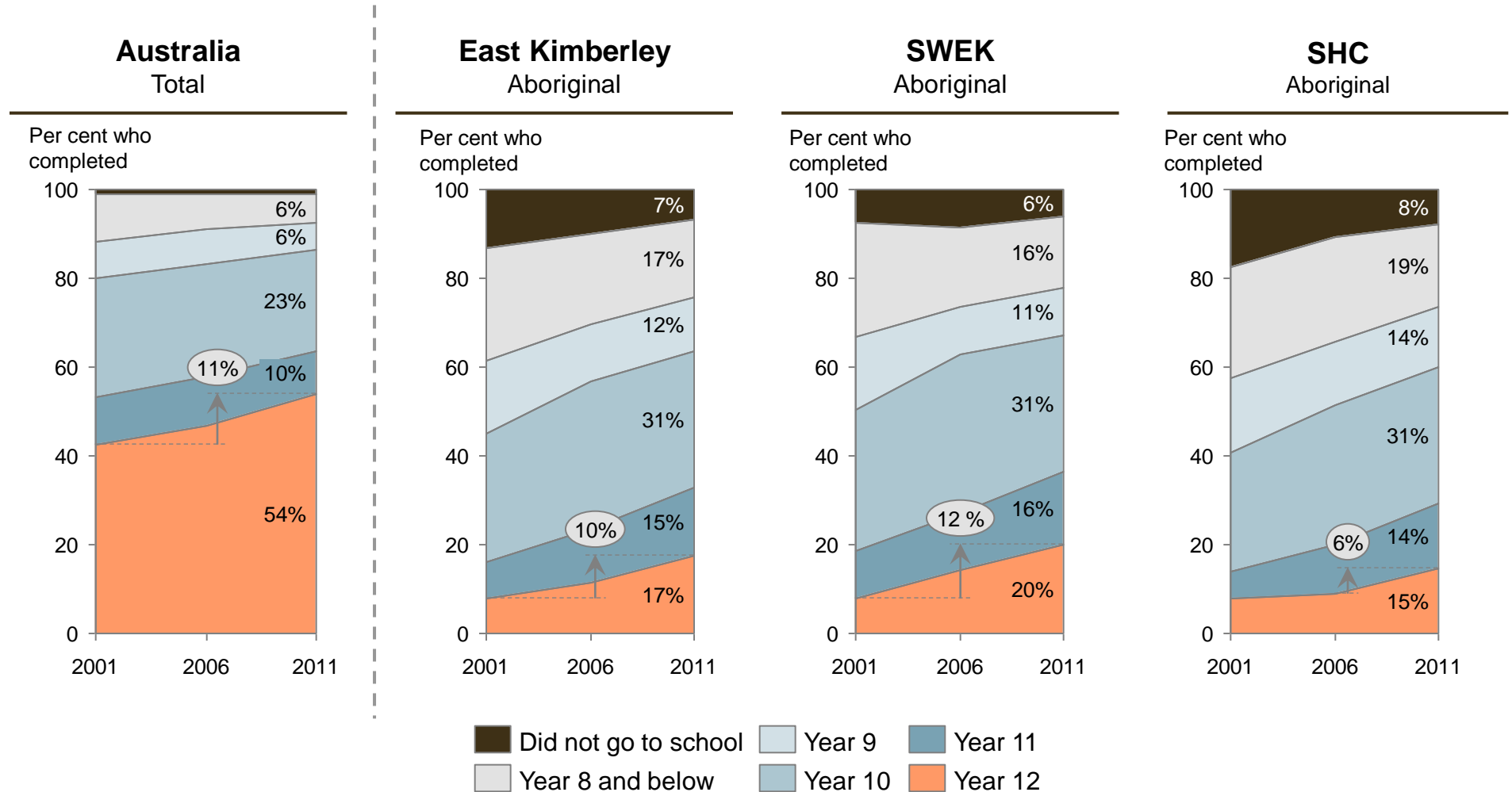
Did not go to school
  Year 8 or below
  Year 9 or equivalent
  Year 10 or equivalent
  Year 11 or equivalent
  Year 12 or equivalent

Note: Graph excludes "Highest year of school not stated"  
Source: Calculated from ABS Census 2011

# School completion rates since 2001

East Kimberley improving slower than national average

## Highest level of schooling completed



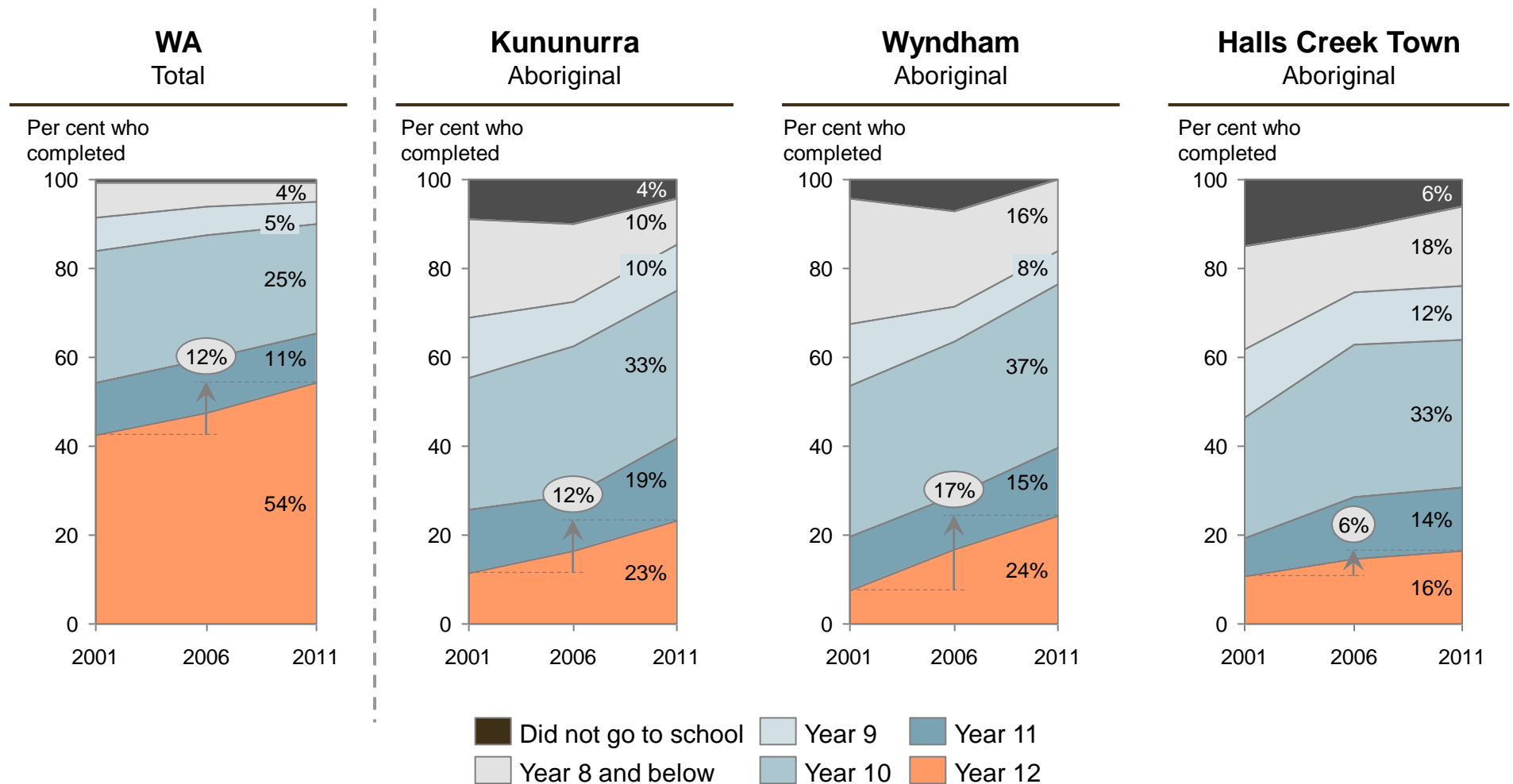
Note: Graph excludes "Highest year of school not stated"

Source: Calculated from ABS Census 2011, 2006, 2001. SHC: Shire of Halls Creek, SWEK: Shire of Wyndham-East Kimberley



# Strong improvement in school completion rates in Wyndham; but improvement in Halls Creek town has been slow

## Highest level of schooling completed

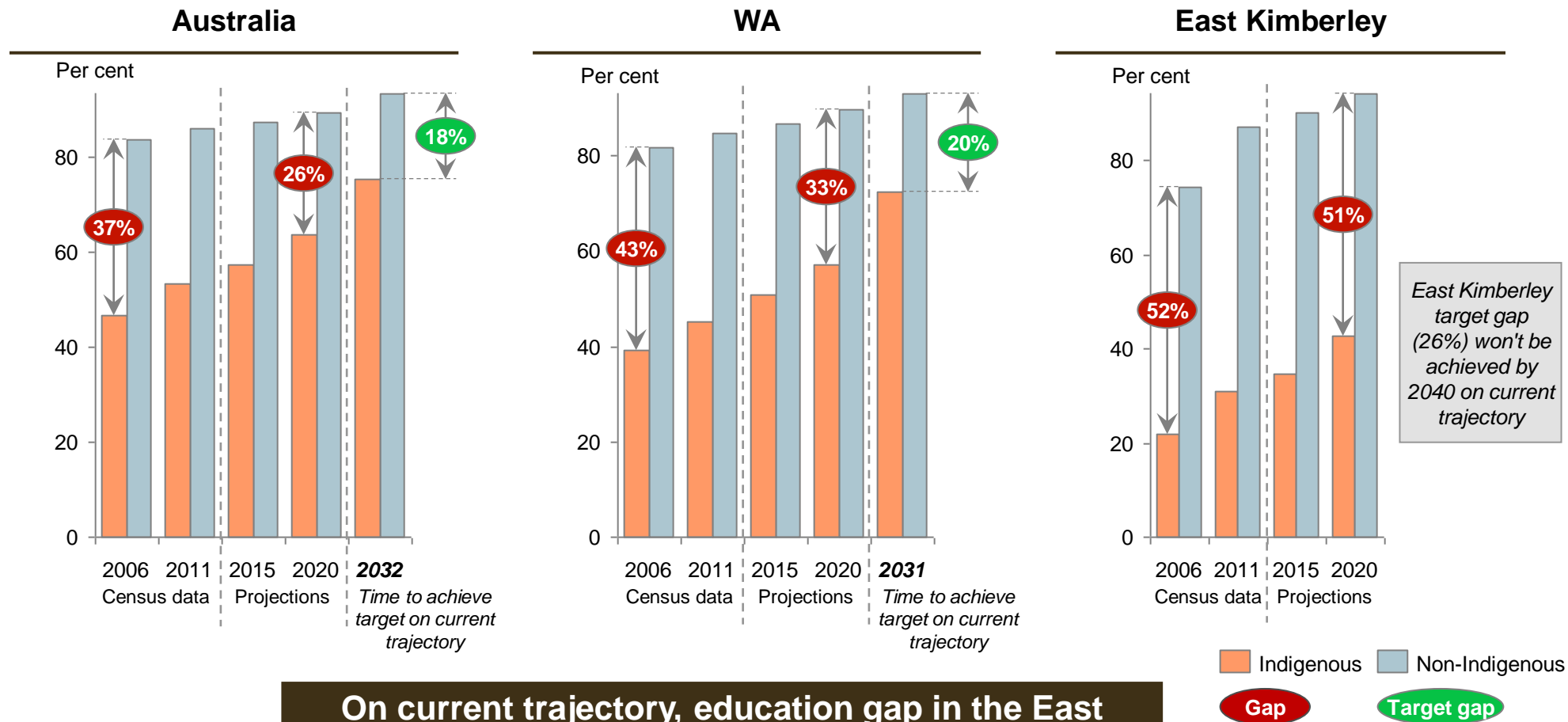


Note: Graph excludes "Highest year of school not stated". 2001 based on place of enumeration  
 Source: Calculated from ABS Census 2011, 2006 and 2001

# Current trajectory on Closing the Gap education target

2006 gap in Year 12 completion not on track to be halved by 2020 for 20-24 year olds

## Per cent of 20-24 year olds with Year 12 or equivalent



**On current trajectory, education gap in the East Kimberley will be the same in 2020 as it was in 2006**

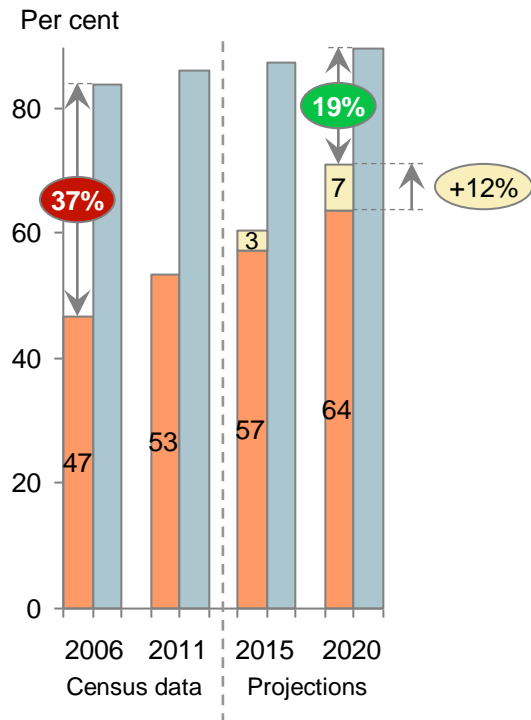
Projections based on 2011 PHIDU population projections, current trajectory of Aboriginal population by 5 yr cohort and current trajectory of change by 5 yr cohorts in Year 12 attainment. Year 12 equivalent includes those without Year 12, who completed post-secondary education, consistent with the Closing the Gap figures. Source: Calculated from ABS Census 2011, 2006 and 2001

# What would be needed to meet education target by 2020?

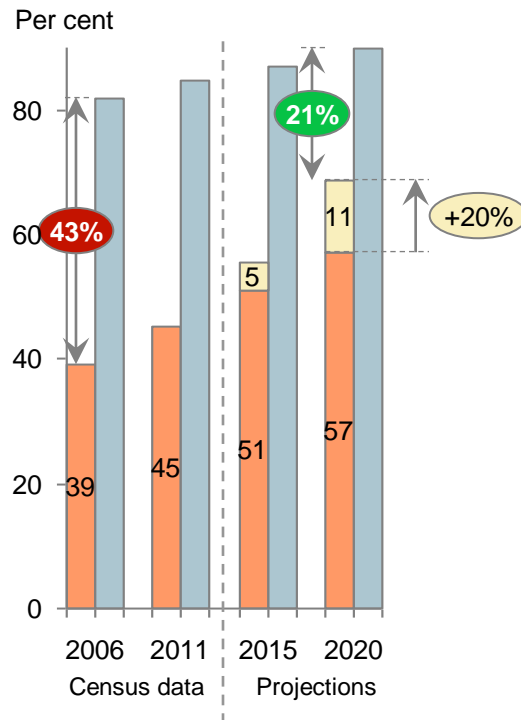
East Kimberley would need to improve by 60% *above* current rates of improvement

## Per cent of 20-24 year olds with Year 12 or equivalent

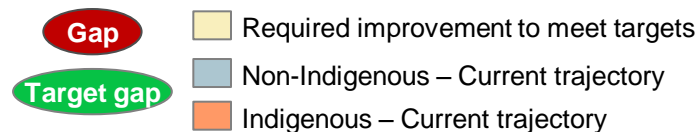
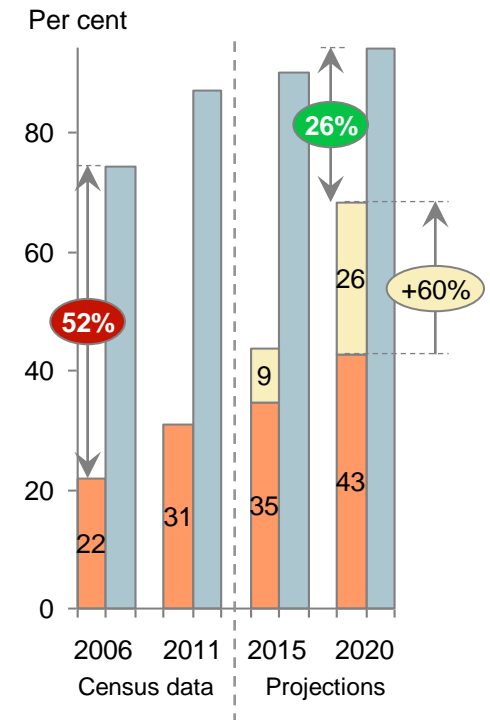
### Australia



### WA



### East Kimberley

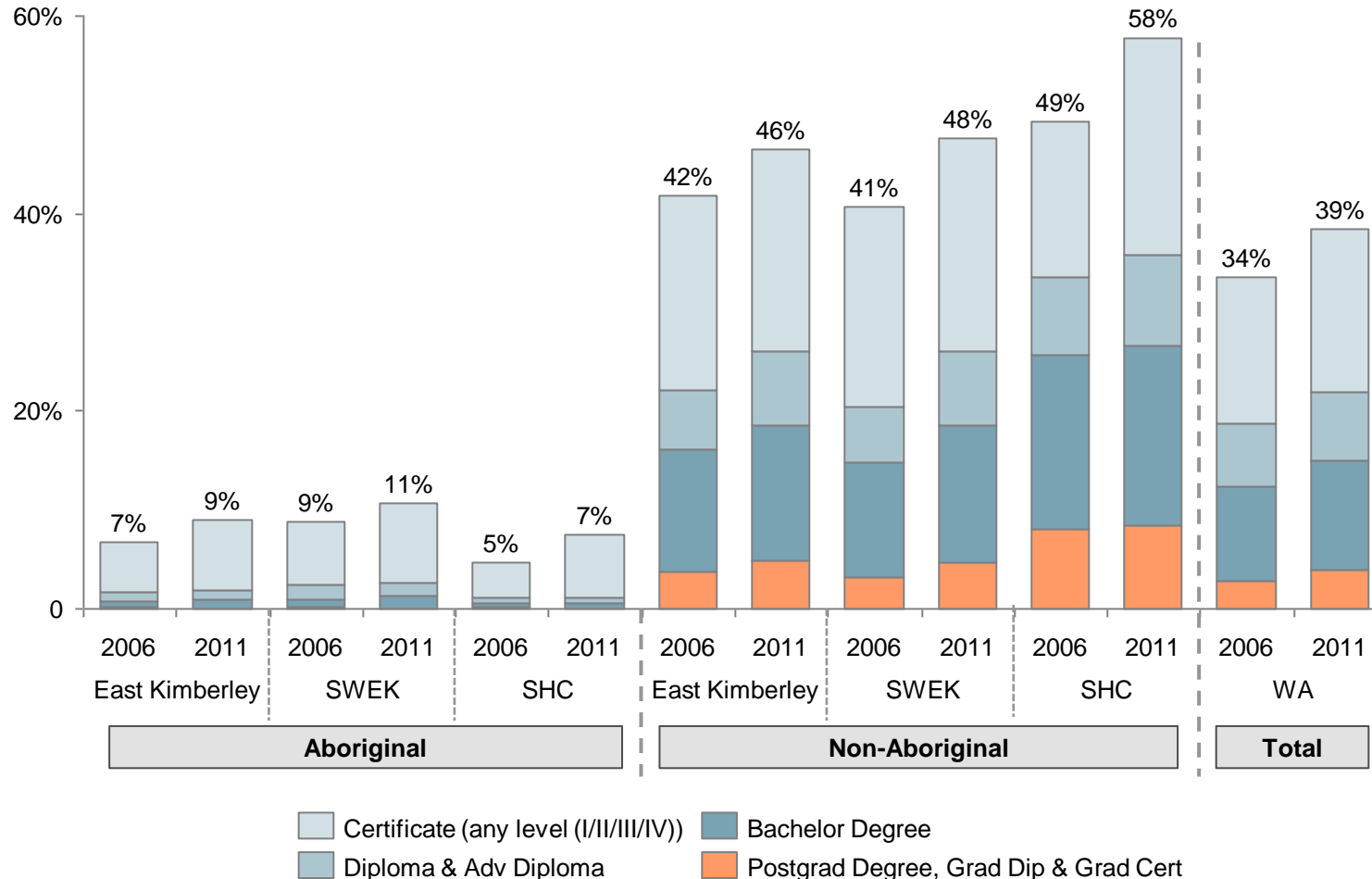


Improvement required above existing trajectory to meet target by 2020

Projections based on 2011 PHIDU population projections, current trajectory of indigenous proportions by 5yr cohort and current trajectory of change by 5yr cohorts in Year 12 attainment. Year 12 equivalent includes those without Year 12, who completed post-secondary education, consistent with the Closing the Gap figures. Source: Calculated from ABS Census 2011, 2006 and 2001

# Disparity in secondary education outcomes further reflected in post-secondary education outcomes

## Post-secondary education by type



Note: Graph excludes not stated.

Source: Calculated from ABS Census 2011 and 2006 . SHC: Shire of Halls Creek, SWEK: Shire of Wyndham-East Kimberley

# Agenda

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## Background and executive summary

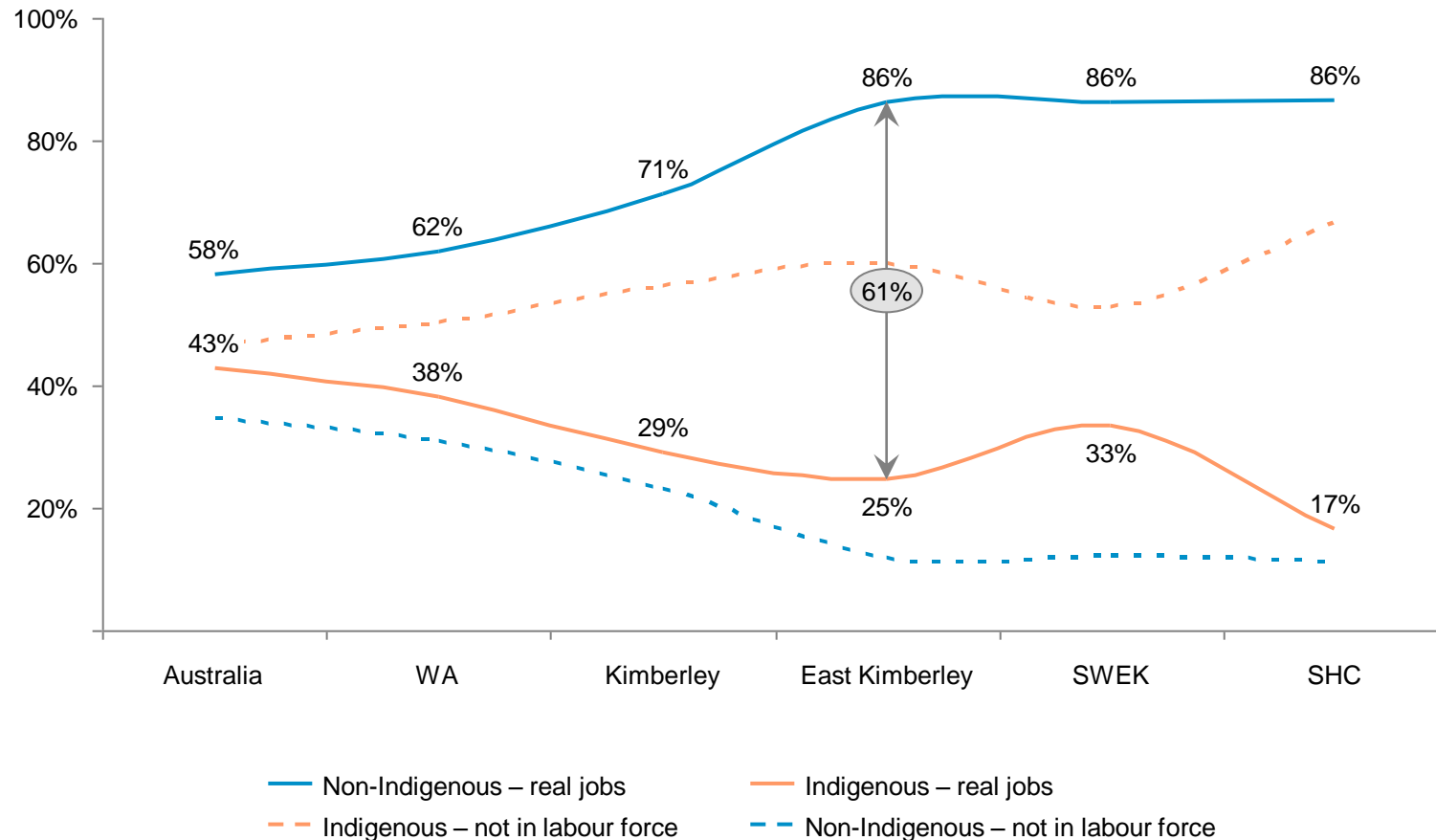
### Priority areas

- Population
- Education
- Employment
- Housing

# 2011 snapshot: East Kimberley labour force

Very high non-Aboriginal employment, very low Aboriginal participation and employment

## Labour force status

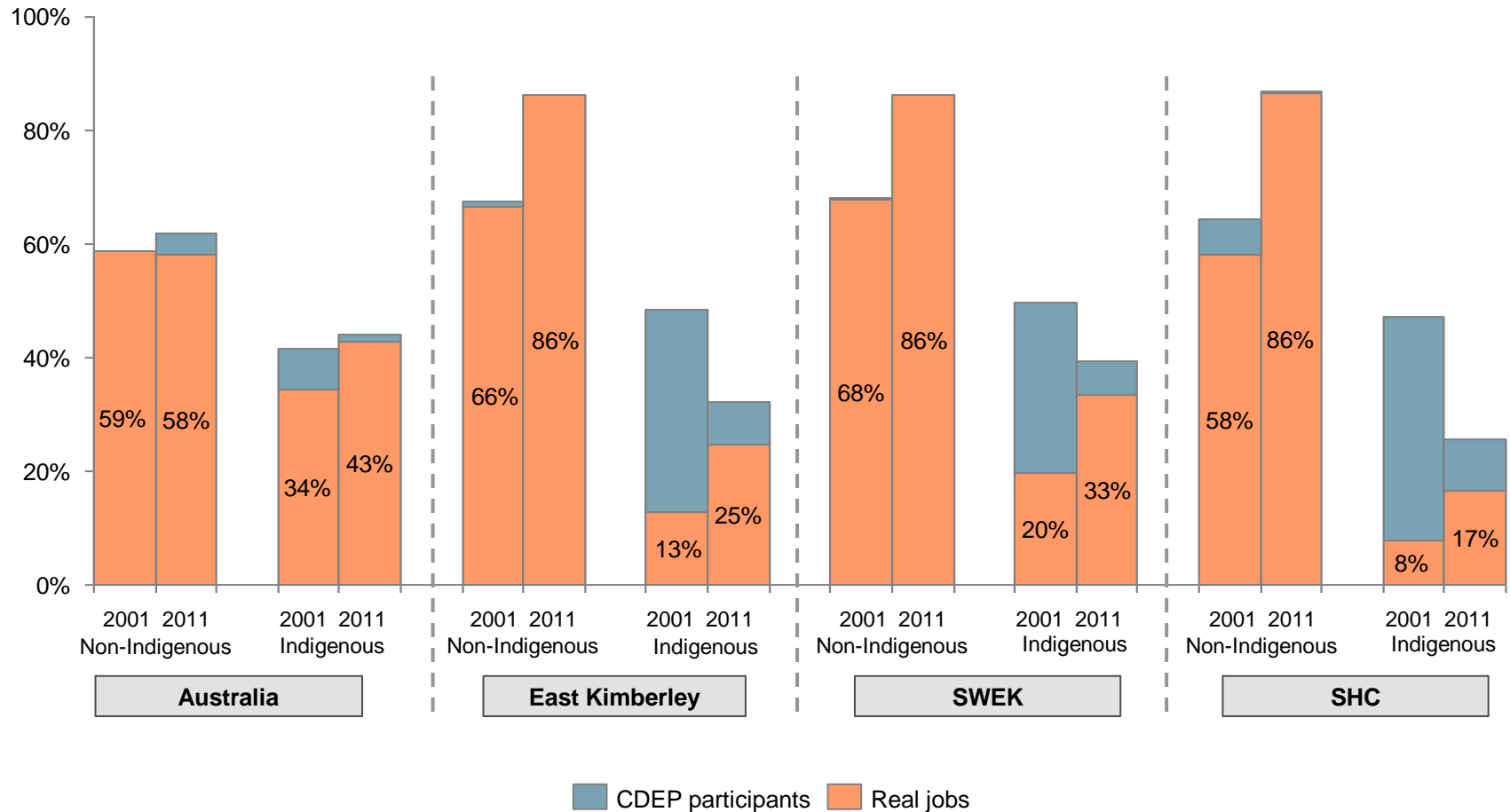


Note: Graph excludes CDEP. Per cent is over 15 years of age. CDEP: Community Development Employment Projects  
 Source: Calculated from ABS Census 2011

# Labour force comparison to 2001

In the East Kimberley, increased Aboriginal employment hasn't offset a large decrease in CDEP

## Employment status

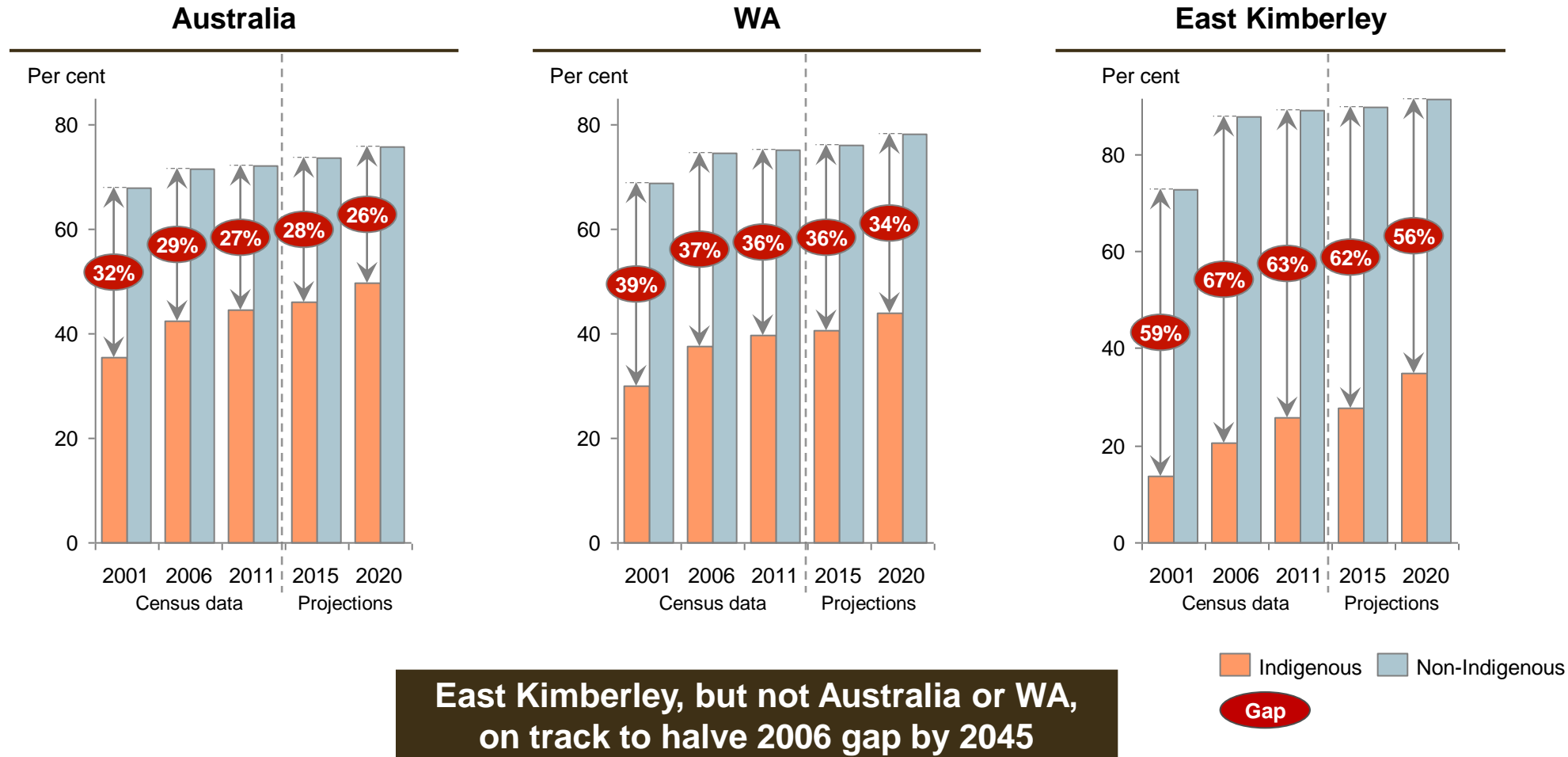


Note: Percent is over 15 years of age, excludes not applicable and not stated, CDEP: Community Development Employment Projects  
 Source: Calculated from ABS Census 2011 and 2001 . SHC: Shire of Halls Creek, SWEK: Shire of Wyndham-East Kimberley

# Current trajectory on Closing the Gap employment target

2006 gap in employment not on track to be halved by 2020

## 15-64 year olds who are employed



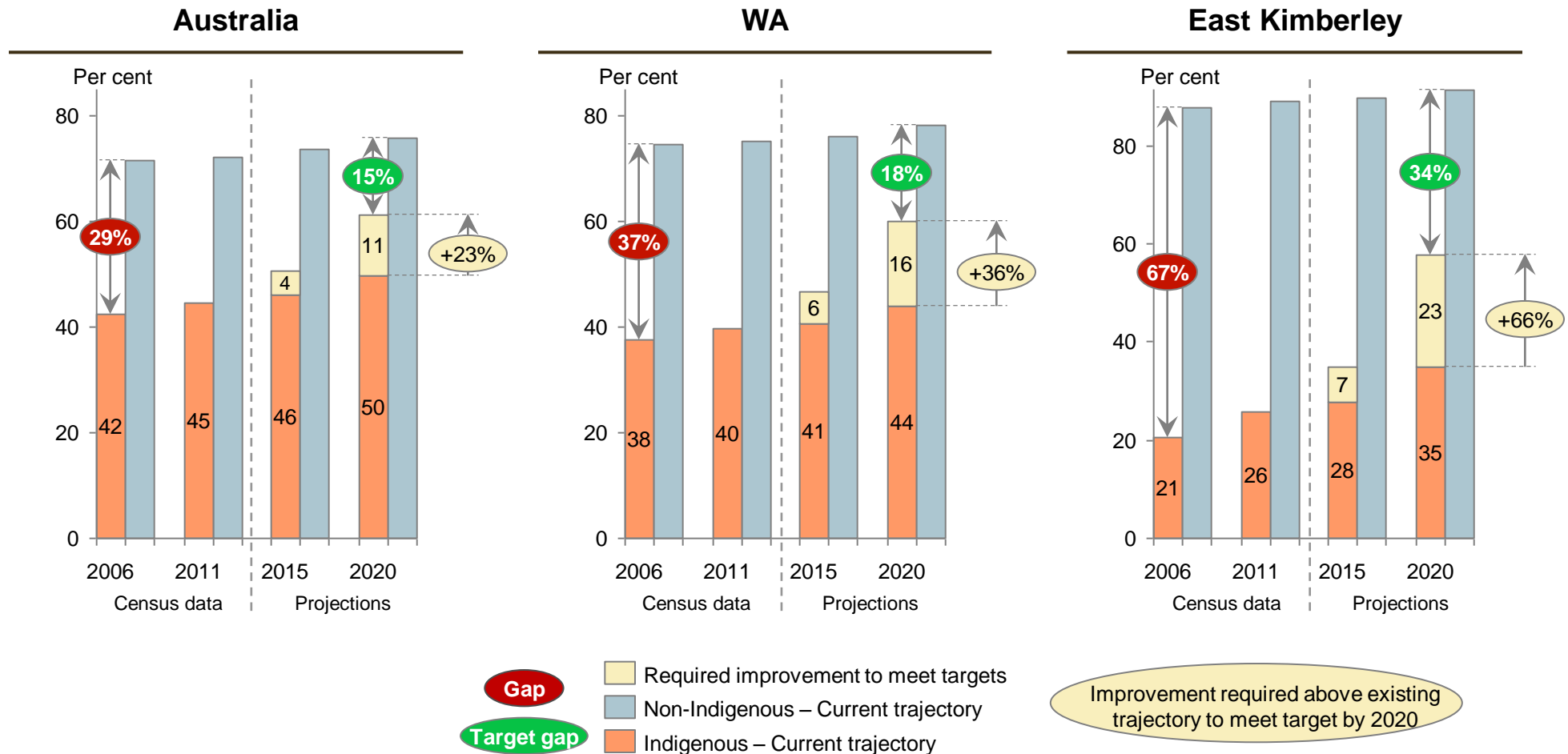
Projections based on 2011 PHIDU population projections, current trajectory of Aboriginal population by 5 yr cohort and current trajectory of change by 5 yr cohorts in employment rates for 15-64 year olds. Graphs calculated to exclude CDEP (Community Development Employment Projects). Source: Calculated from ABS Census 2011, 2006 and 2001. Note: official Closing the Gap employment target is based on halving the 2008 gap by 2018 and is not based on Census data.



# What would be needed to meet employment target by 2020?

East Kimberley would need to improve by 66% *above* current rates of improvement

## 15-64 year olds who are employed



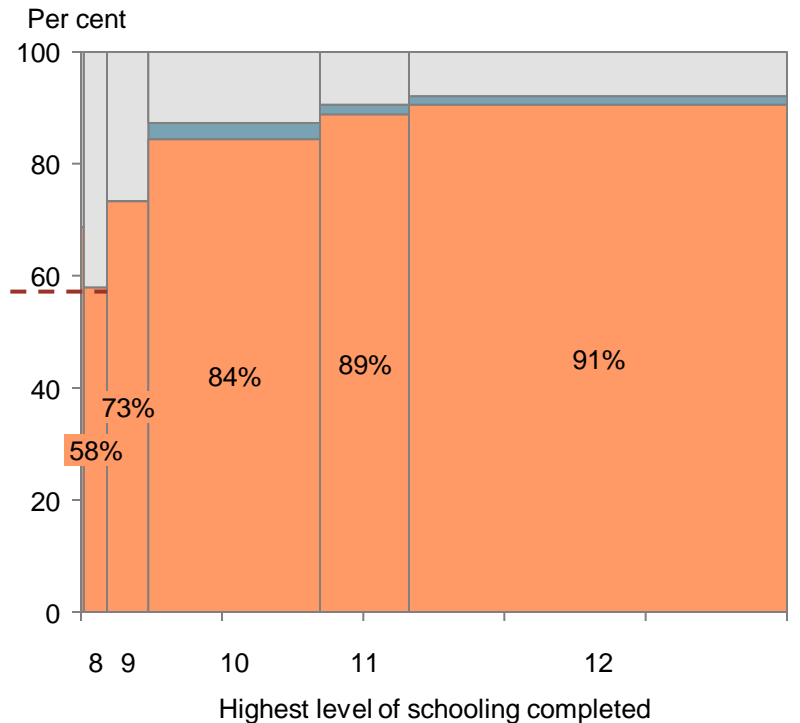
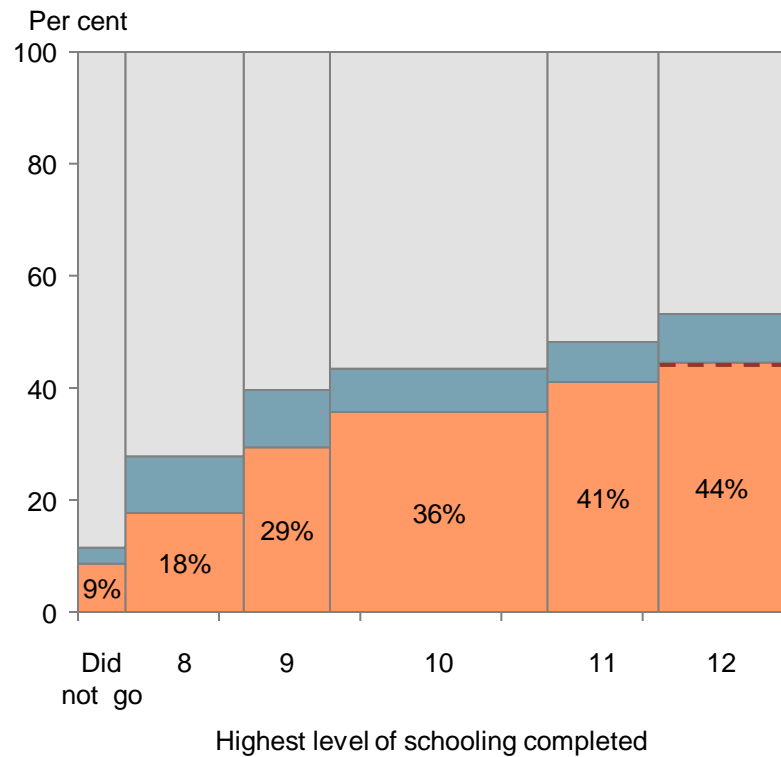
Projections based on 2011 PHIDU population projections, current trajectory of Aboriginal population by 5 yr cohort and current trajectory of change by 5 yr cohorts in employment rates for 15-64 year olds. Graphs calculated to exclude CDEP (Community Development Employment Projects). Source: Calculated from ABS Census 2011, 2006 and 2001. Note: official Closing the Gap employment target is based on halving the 2008 gap by 2018 and is not based on Census data.

# 2011 Aboriginal Year 12 graduates have lower employment rates than non-Aboriginal people who didn't make Year 9

## Labour force status

East Kimberley  
Aboriginal

East Kimberley  
Non-Aboriginal



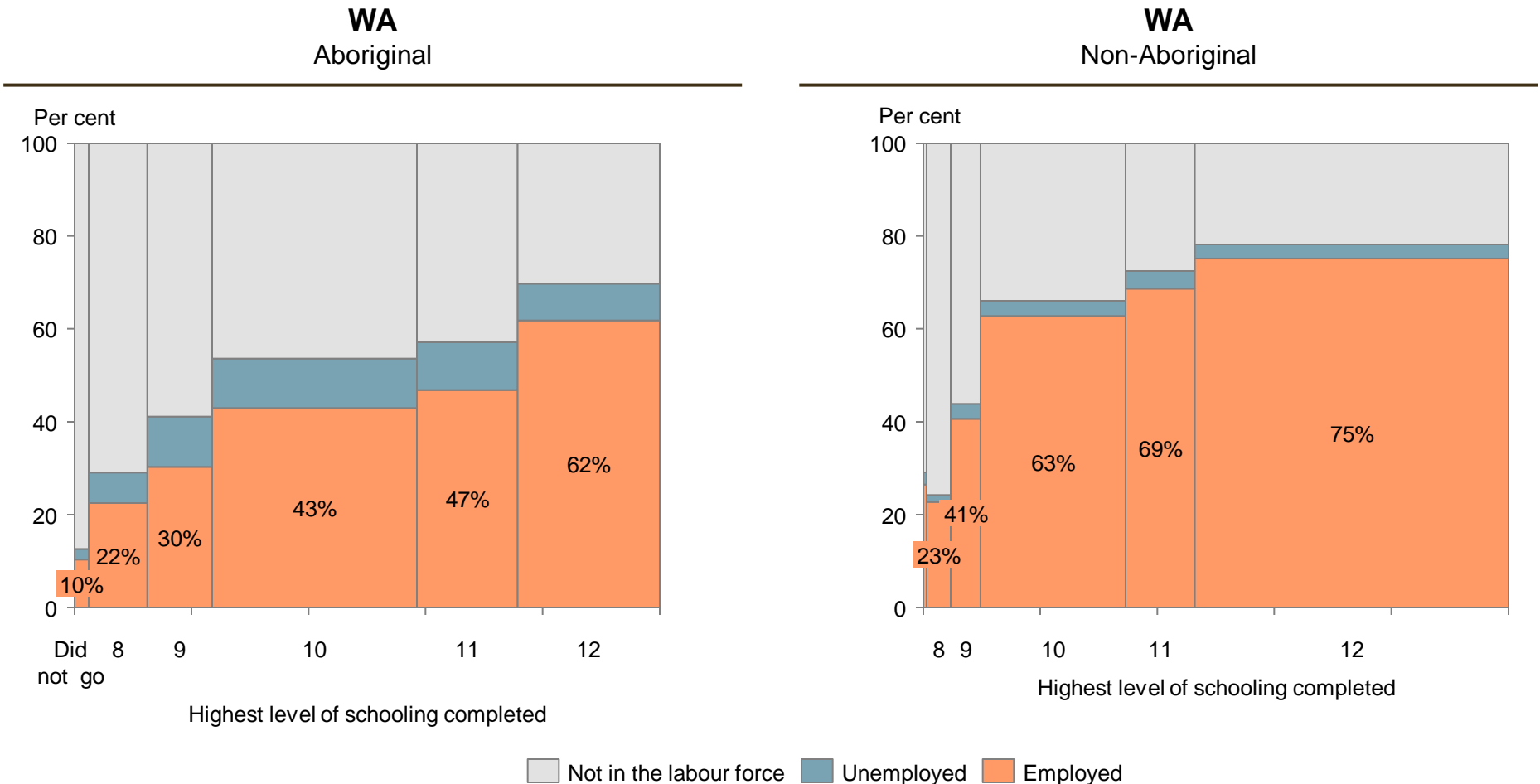
14%

Not in the labour force
  Unemployed
  Employed

Note: Percent is over 15 years of age, excludes not applicable and not stated, employment includes CDEP (Community Development Employment Projects)  
Source: Calculated from ABS Census 2011

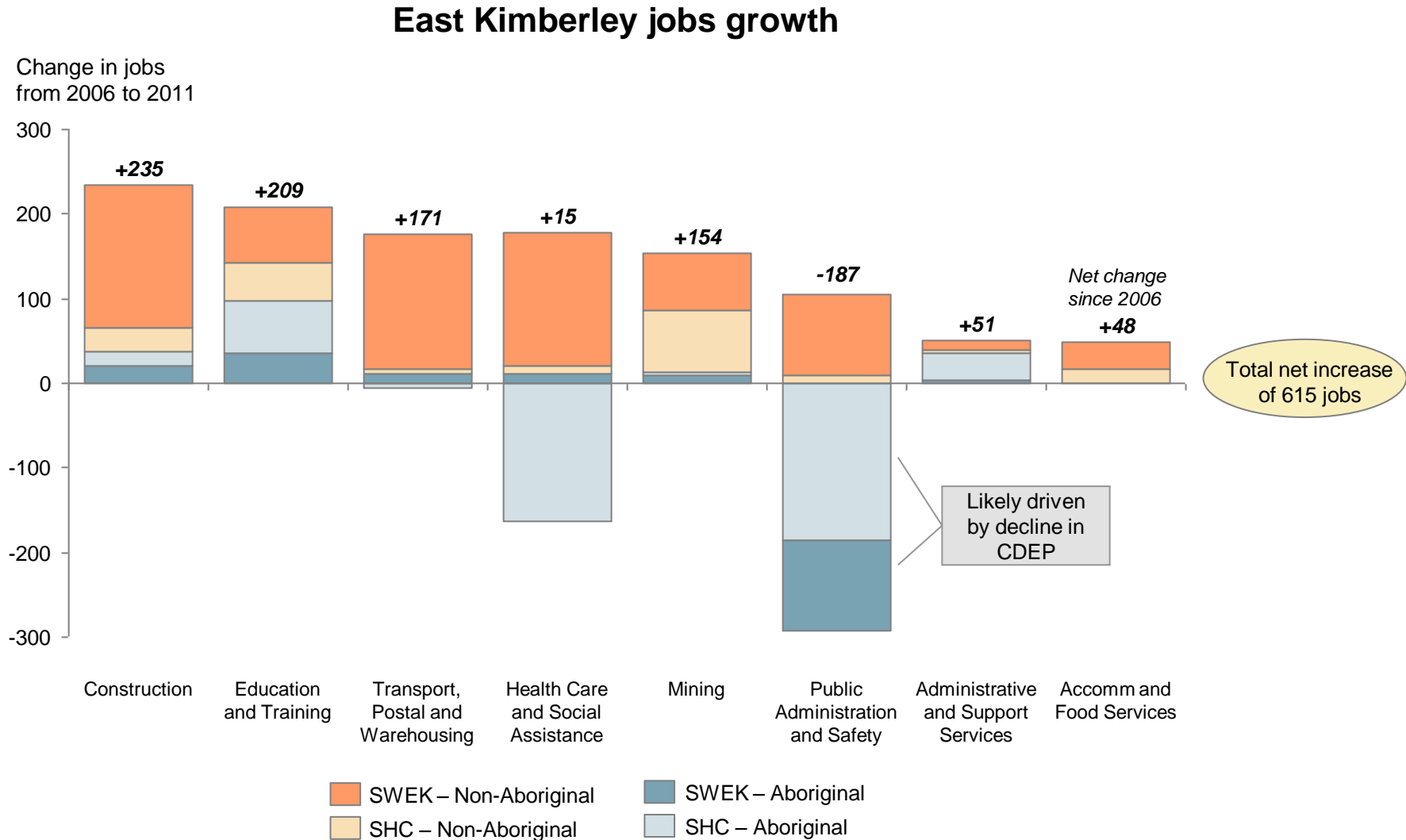
# Aboriginal Year 12 graduates across WA have a similar employment rate to non-Aboriginal Year 10 completions

## Labour force status



Note: Percent is over 15 years of age, excludes not applicable and not stated, employment includes CDEP (Community Development Employment Projects)  
 Source: Calculated from ABS Census 2011

# Construction, education & training and transport jobs driving employment growth in the East Kimberley

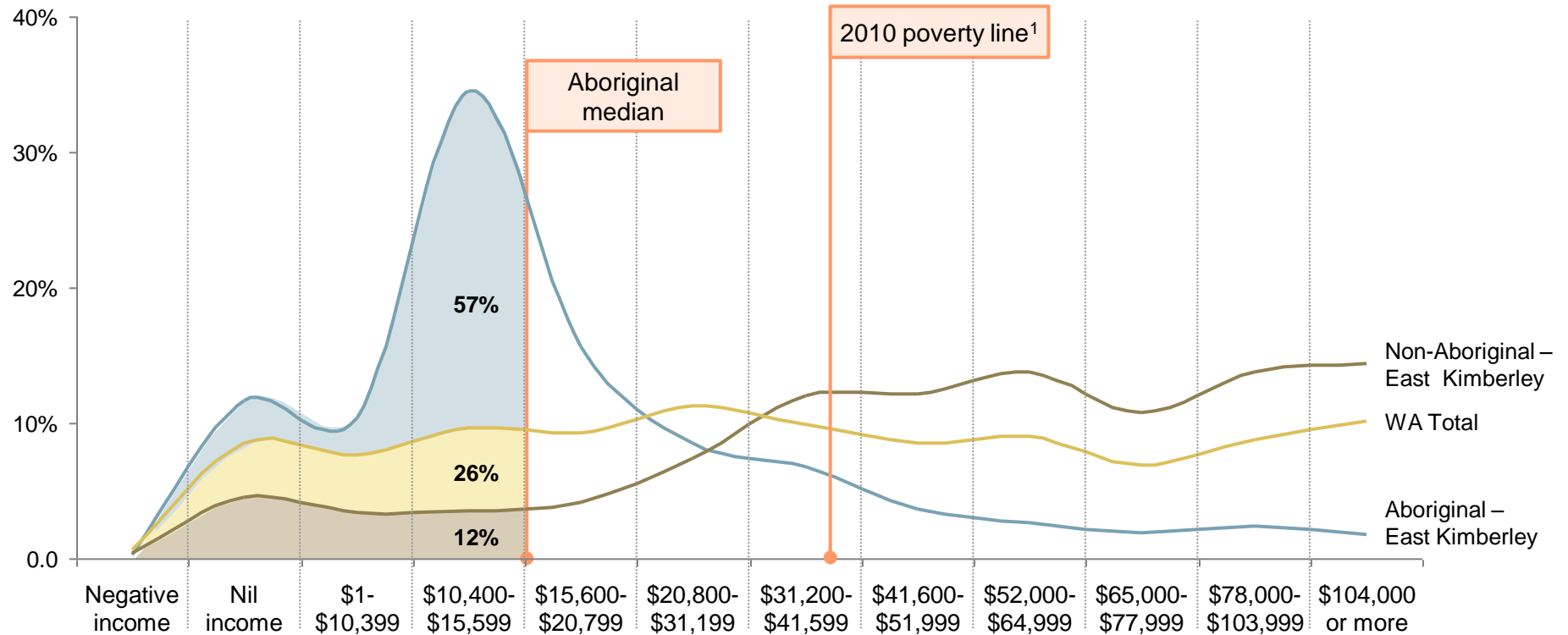


Source: Calculated from ABS Census 2011 and 2006 SWEK: Shire of Wyndham-East Kimberley, SHC: Shire of Halls Creek, CDEP: Community Development Employment Projects

# 2011 personal annual income

In the East Kimberley, Aboriginal people earn far less than non-Aboriginal people

## Distribution of annual income



**57% of Aboriginal people in the East Kimberley, compared to 26% of WA overall, earn less than \$15,600 per year**

Note: Excludes not applicable and not stated 1.\$39,104 - based on a poverty line of 50% of the median income for a couple with 2 children at \$752 per week; Aboriginal median is in the range \$10,400 to \$15,599. Source: Calculated from ABS Census 2011 and 2001, ACOSS [http://www.acoss.org.au/uploads/html/ACOSS\\_PovertyReport2012.html](http://www.acoss.org.au/uploads/html/ACOSS_PovertyReport2012.html)

# Agenda

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## Background and executive summary

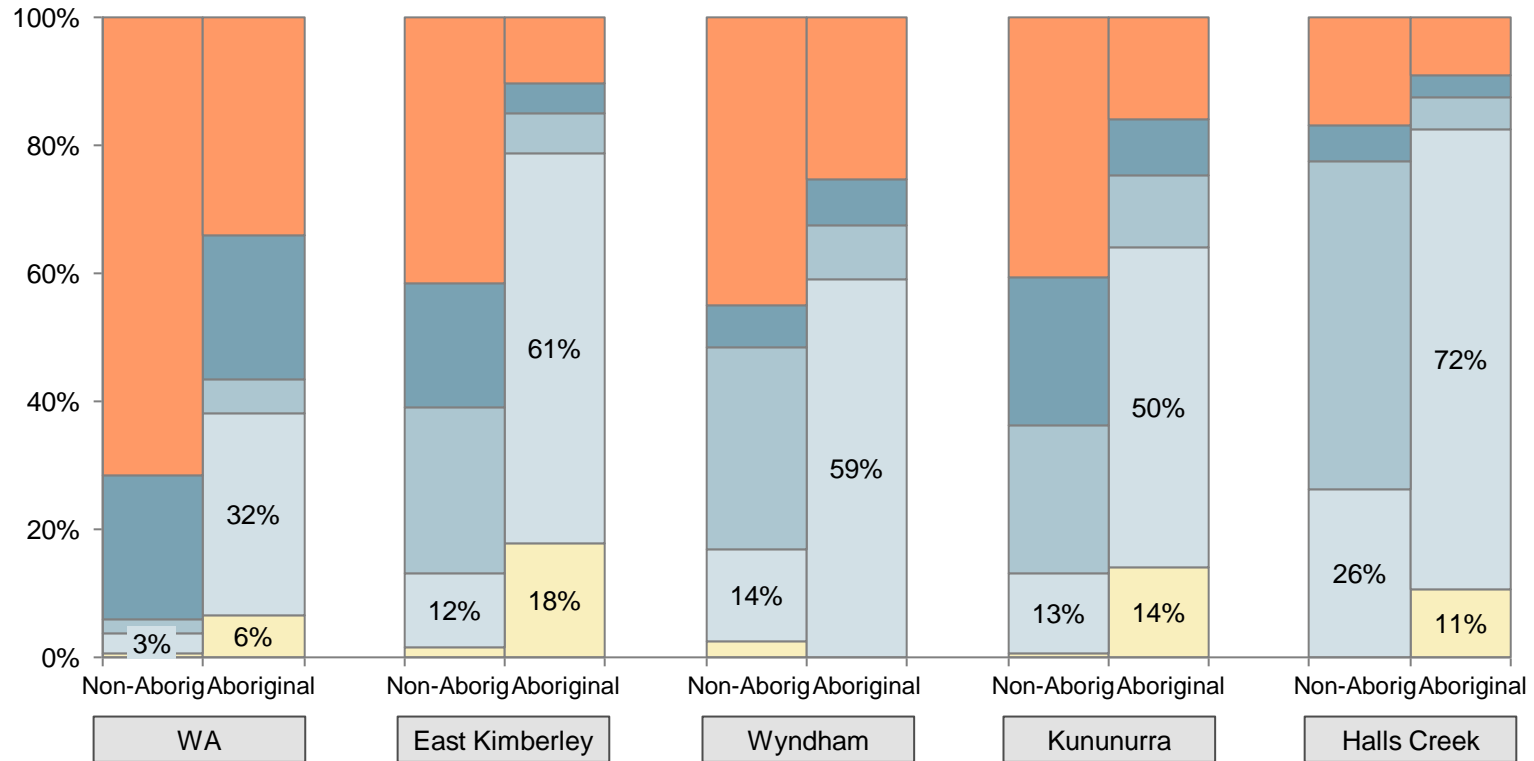
### Priority areas

- Population
- Education
- Employment
- Housing

# 2011 East Kimberley tenure type

79% of Aboriginal households in the East Kimberley are in either public or community housing

## Housing tenure type

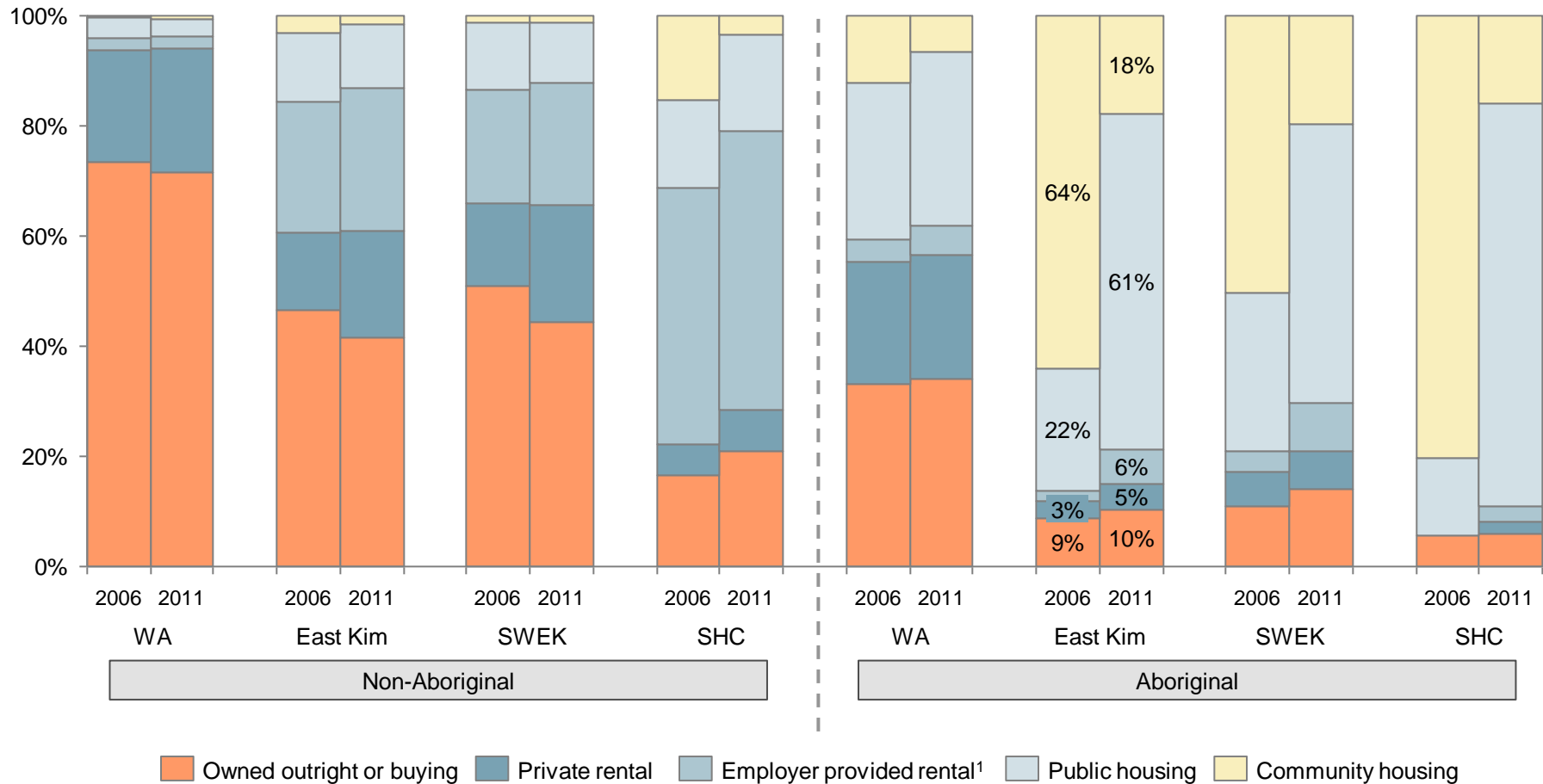


■ Owned outright or buying 
 ■ Private rental 
 ■ Employer provided rental<sup>1</sup>
■ Public housing 
 ■ Community housing

1. Includes residential parks  
 Source: Calculated from ABS Census 2011

# Past 5 years in EK have seen public housing replace community housing & a small increase in Aboriginal home ownership

## Housing tenure type



1. Includes residential parks

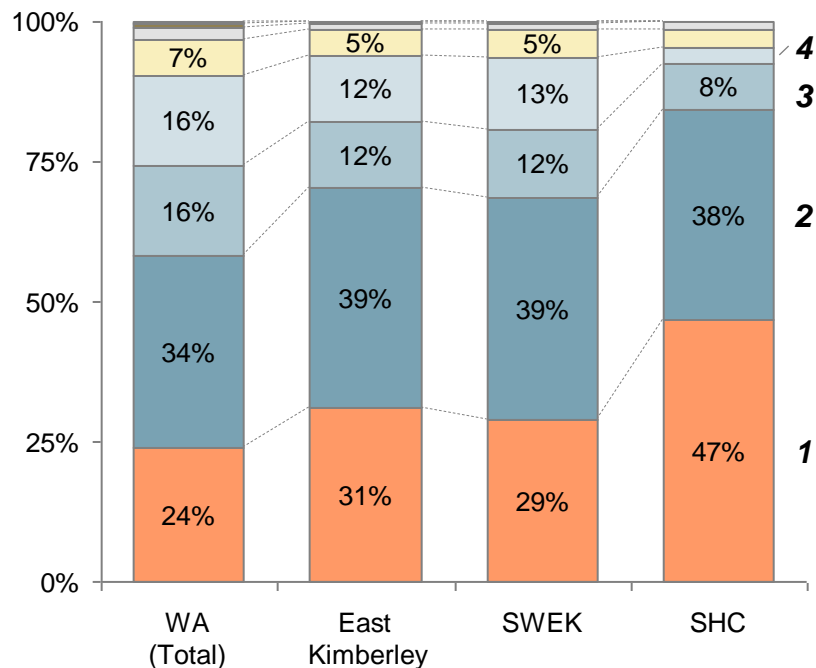
Source: Calculated from ABS Census 2011 and 2006. SWEK: Shire of Wyndham-East Kimberley, SHC: Shire of Halls Creek



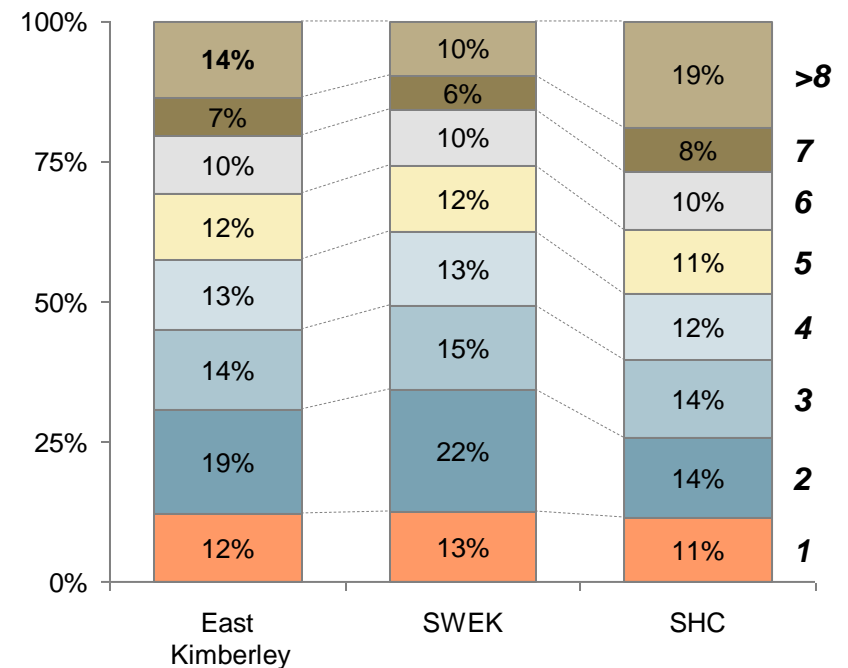
# Aboriginal households in the East Kimberley have far more people than non-Aboriginal households

## People per household

### Non-Aboriginal



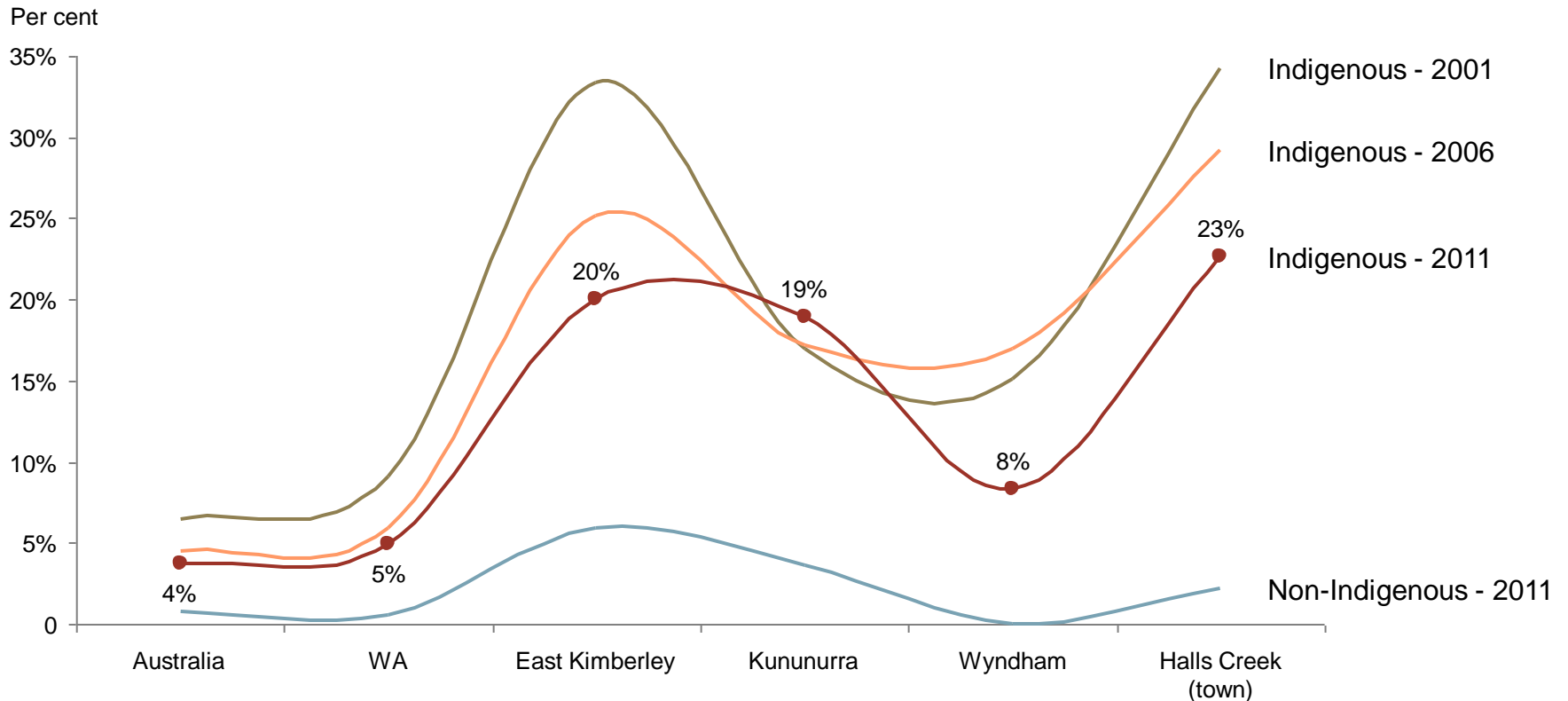
### Aboriginal



**14% of Aboriginal households in the East Kimberley have eight or more usual residents**

# At least 20% of Aboriginal households in the East Kimberley are overcrowded, an improvement over the past decade

## Households with more than two people per bedroom



**Kununurra slightly worse since 2001, Halls Creek improving from a poor base**

Note: Two people per bedroom is the first plank in 'overcrowded' definition used by Dr Nicholas Biddle, CAEPR Indigenous Population Project, 2011 Census Papers, Paper 3: Indigenous housing need  
Source: Calculated from ABS Census 2011, 2006 and 2001.