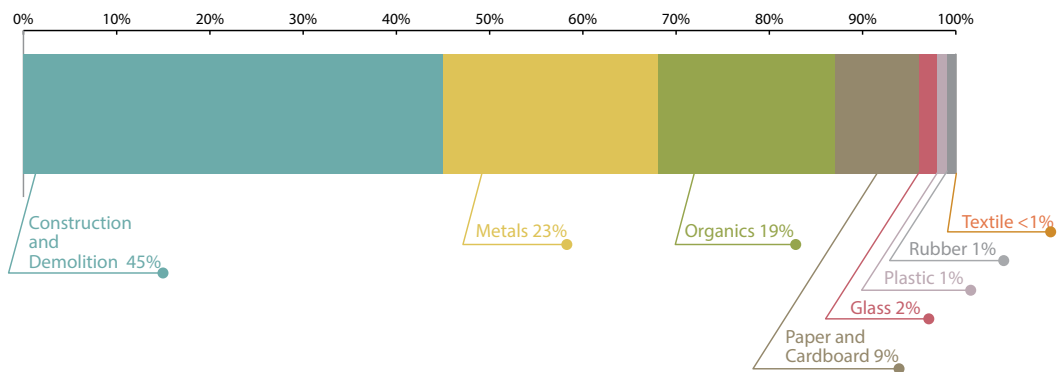


Waste diversion by material type

Western Australia's waste recycling can be categorised according to material type. The material composition of the State's diverted waste in 2016–17 and the quantities diverted for each material type between 2010–11 and 2016–17 are reported here. Reported quantities have been rounded throughout.

Overview

Composition of waste diverted by material type, Western Australia, 2016–17



Eighty eight per cent of the waste diverted in Western Australia in 2016–17 was made up of three material types:

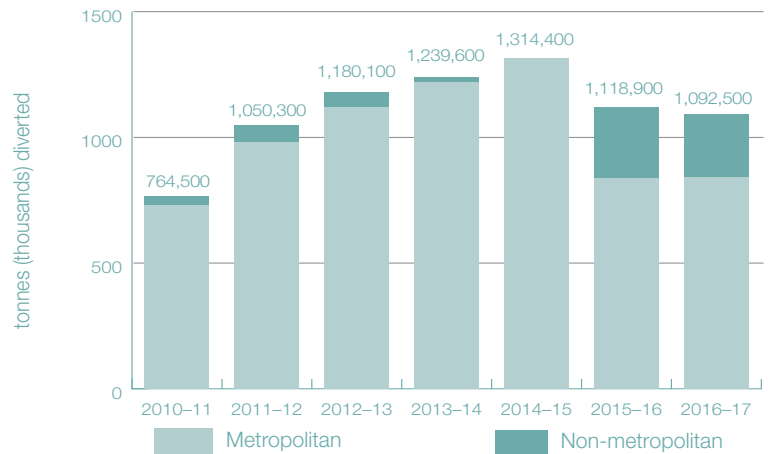
- construction and demolition (C&D) materials (45 per cent)
- metals (23 per cent)
- organics (19 per cent).

The remaining 12 per cent of waste diverted in 2015–16 was dominated by paper and cardboard (9 per cent).

Waste diverted by material type 2010–11 to 2016–17

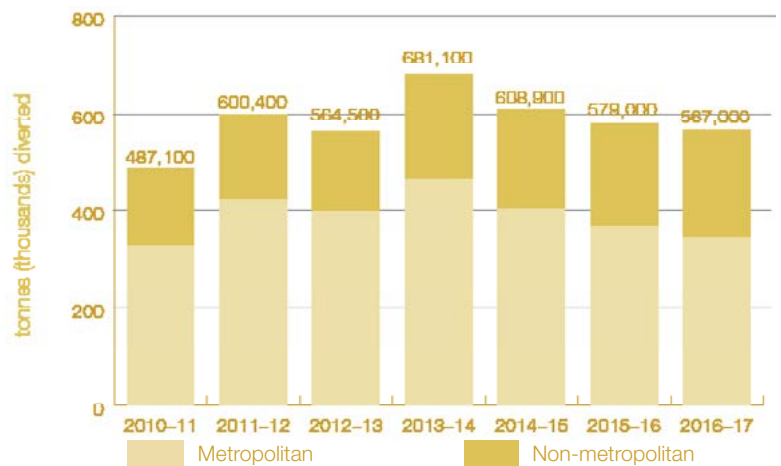
- In 2016–17, 1.09 million tonnes of C&D waste material was diverted within Western Australia, 77 per cent of which was from the Perth metropolitan region.
- The amount of diverted C&D materials peaked at 1.31 million tonnes in 2014–15 and has since fallen to 1.09 million tonnes in 2016–17.

C&D waste diverted by region, Western Australia



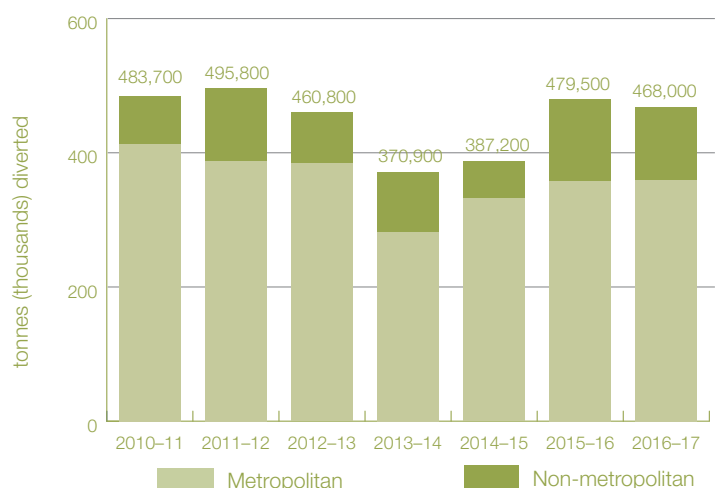
- In 2016–17, 567,000 tonnes of metal waste was diverted in Western Australia.
- Of the total metal diverted in 2016–17, 344,400 tonnes (61 per cent) came from the Perth metropolitan region and 222,600 tonnes (39 per cent) came from non metropolitan regions.
- Metal diversion followed an increasing trend from 2010–11 (when it was 487,100 tonnes) and peaked in 2013–14 at 681,100 tonnes, but has declined since then.

Metal waste diverted by region, Western Australia



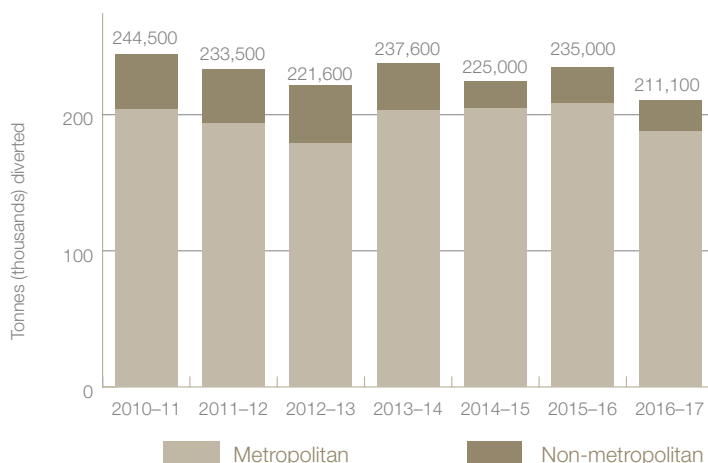
- In 2016–17, 468,000 tonnes of organic waste was diverted in Western Australia.
- Of the total amount of organic waste diverted in 2016–17, 359,700 tonnes (77 per cent) came from the Perth metropolitan region, while 108,200 tonnes (23 per cent) came from non metropolitan regions.
- The quantity of organic material diverted in 2015–16 was the highest it had been since 2011–12, when 495,800 tonnes of organic material was diverted. It declined slightly to 468,000 tonnes in 2016–17.

Organic waste diverted by region, Western Australia



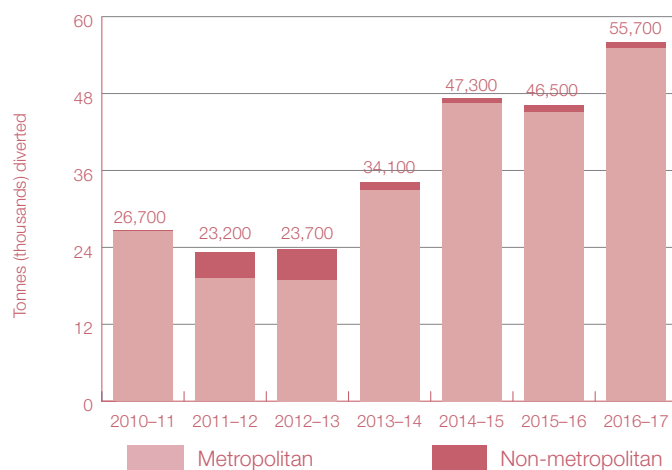
- In 2016–17, 211,000 tonnes of paper and cardboard waste was diverted in Western Australia.
- Of the total amount of paper and cardboard diverted in 2015–16, 187,600 tonnes (89 per cent) came from the Perth metropolitan region while 23,500 tonnes (11 per cent) came from non metropolitan regions.
- The quantity of paper and cardboard diverted has followed an overall declining trend from 2010–11.

Paper and cardboard waste diverted by region, Western Australia



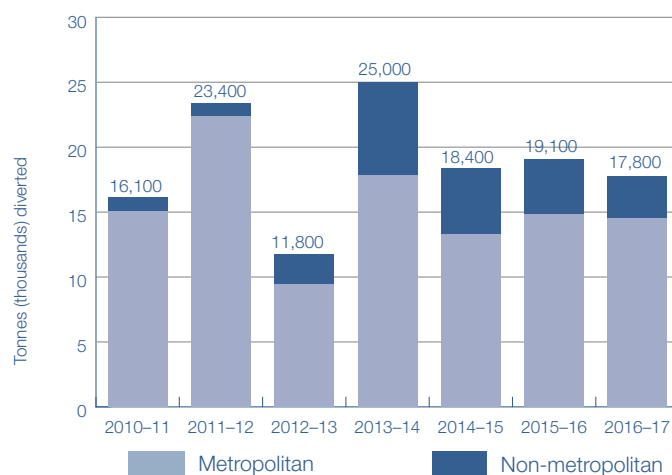
- In 2016–17, 55,700 tonnes of glass waste was diverted in Western Australia.
- Nearly all (98 per cent) of the glass diverted in 2016–17 came from the Perth metropolitan region.
- The quantity of glass diverted followed an increasing trend and was 109 per cent higher in 2016–17, relative to 2010–11

Glass waste diverted by region, Western Australia



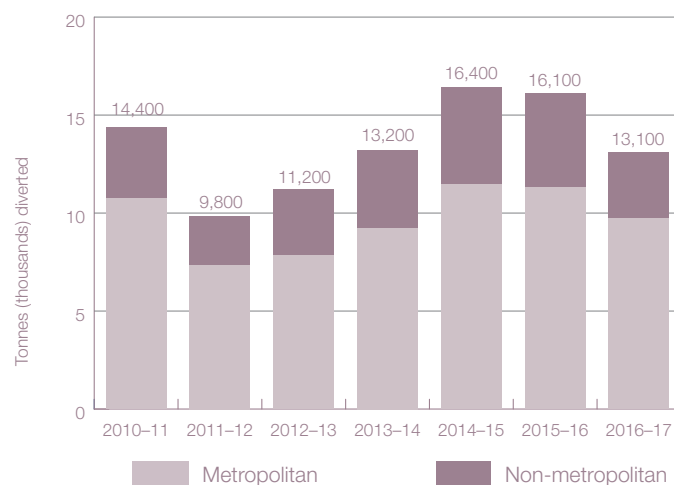
- In 2016–17, 17,800 tonnes of rubber was diverted in Western Australia.
- The Perth metropolitan region accounted for 14,500 tonnes (81 per cent) of rubber diverted in 2016–17, while non metropolitan regions accounted for 3,300 tonnes (19 per cent).
- Rubber diversion quantities were highly variable between 2010–11 and 2014–15 but relatively stable from 2014–15 to 2016–17.

Rubber waste diverted by region, Western Australia



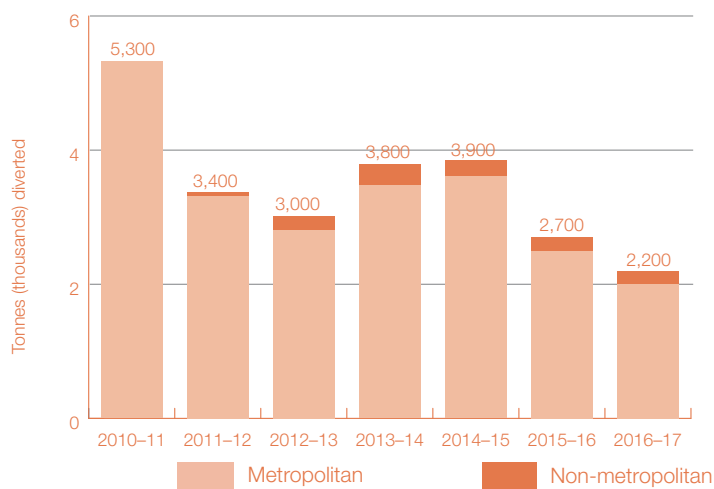
- In 2016–17, 13,100 tonnes of plastic was diverted in Western Australia.
- Data on the regional source of recycled plastics is not collected. It is instead estimated using population data. In 2016–17, 9,700 tonnes was estimated to be sourced from the Perth metropolitan region and 3,400 tonnes from non-metropolitan regions.
- The diversion of plastics increased by 64 per cent since 2011–12, when 9,800 tonnes of plastics were diverted.
- Plastic diversion peaked at 16,400 tonnes in 2014–15 and declined to 13,100 tonnes in 2016–17.

Plastic waste diverted by region, Western Australia



- In 2016–17, 2,200 tonnes of textiles were diverted in Western Australia.
- Ninety-one per cent of textiles diverted in 2016–17 came from the Perth metropolitan region.
- The quantity of textiles diverted has followed an overall declining trend from 2010–11.

Textile waste diverted by region, Western Australia



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