Developments in the southern Murray-Darling Basin water market
Nuts, cotton and trade limits

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Australian water markets – allocation trade

- southern MDB
- Rest of Australia
- Price (sMDB)

<table>
<thead>
<tr>
<th>Year</th>
<th>GL</th>
<th>Price (sMDB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008-09</td>
<td>2,000</td>
<td>500</td>
</tr>
<tr>
<td>2010-11</td>
<td>3,000</td>
<td>1,000</td>
</tr>
<tr>
<td>2012-13</td>
<td>4,000</td>
<td>1,500</td>
</tr>
<tr>
<td>2014-15</td>
<td>3,500</td>
<td>2,000</td>
</tr>
<tr>
<td>2016-17</td>
<td>4,500</td>
<td>2,500</td>
</tr>
</tbody>
</table>
Australian water markets – entitlement trade
Water used for nut production

Lower Victorian Murray (below the Barmah choke)
Area of irrigated cotton and rice

Murrumbidgee catchment in New South Wales
Area of irrigated cotton and rice

Murrumbidgee catchment in New South Wales
Inter-regional trade in the sMDB

Average annual trade between 2013–14 and 2016–17
Long run change in water demand

Modelled change between 2003 and 2017, at $100 per ML

- All irrigation activities
- Pastures - grazing
- Rice
- Other broadacre
- Other cereals
- Vegetables
- Other crops
- Pastures - hay
- Grapevines
- Fruit and nuts
- Cotton

-600 -400 -200 GL 200 400 600
Long run change in water demand

Modelled change between 2003 and 2017, at $100 per ML

- southern MDB total
- NSW Murrumbidgee
- NSW Murray above Barmah
- Vic. Goulburn-Broken
- NSW Murray below Barmah
- SA Murray
- Vic. Loddon-Campaspe
- Vic. Murray above Barmah
- Vic. Murray below Barmah
Trends in carryover in the sMDB

Carryover percentage (into next period) vs Average rainfall (mm)

- 2007-08 to 2016-17
- 2000-01 to 2006-07
Trends in carryover in the sMDB

Carryover percentage (into next period)

Average rainfall (mm)

- 2007-08 to 2016-17
- 2000-01 to 2006-07
ABARES Water Trade Model: future scenarios

**Historical** demand, trade limits, water recovery, carryover

![Graph showing historical data with baseline](image_url)
ABARES Water Trade Model: future scenarios

Current demand, trade limits, water recovery; Historical carryover

Baseline

Current conditions - historical carryover

$/ML

ABARES Water Trade Model: future scenarios

Current demand, trade limits, water recovery, carryover

Baseline

- Current conditions - historical carryover
- Current conditions - current carryover

$/ML

Water market information