



CSIRO 2016 Community Wellbeing and Responding to Change survey

Western Downs and eastern Maranoa

Research Team: Dr. Andrea Walton | Dr. Rod McCrea | Prof Rosemary Leonard

16 December 2016

LAND AND WATER
www.csiro.au



Gas Industry
Social & Environmental
Research Alliance



What we did: Repeat CWB survey from 2014



Feb 2016

SAMPLE: N = 500

100 x

- Dalby
- Chinchilla
- Miles / Wandoan
- Tara
- Roma

In town = Out of town

ABS representative

- age, gender, and employment

What we measured: Telephone survey

- 1. Community Wellbeing**
 - 15 different dimensions
 - 2. Community Resilience**
 - Adapting and responding to change
 - 3. Attitudes and feelings towards CSG**
 - 4. Expected Future Community Wellbeing**
- 120 questions
 - 30 minutes



Community Wellbeing: 2016 to 2014

Only five dimensions significantly different

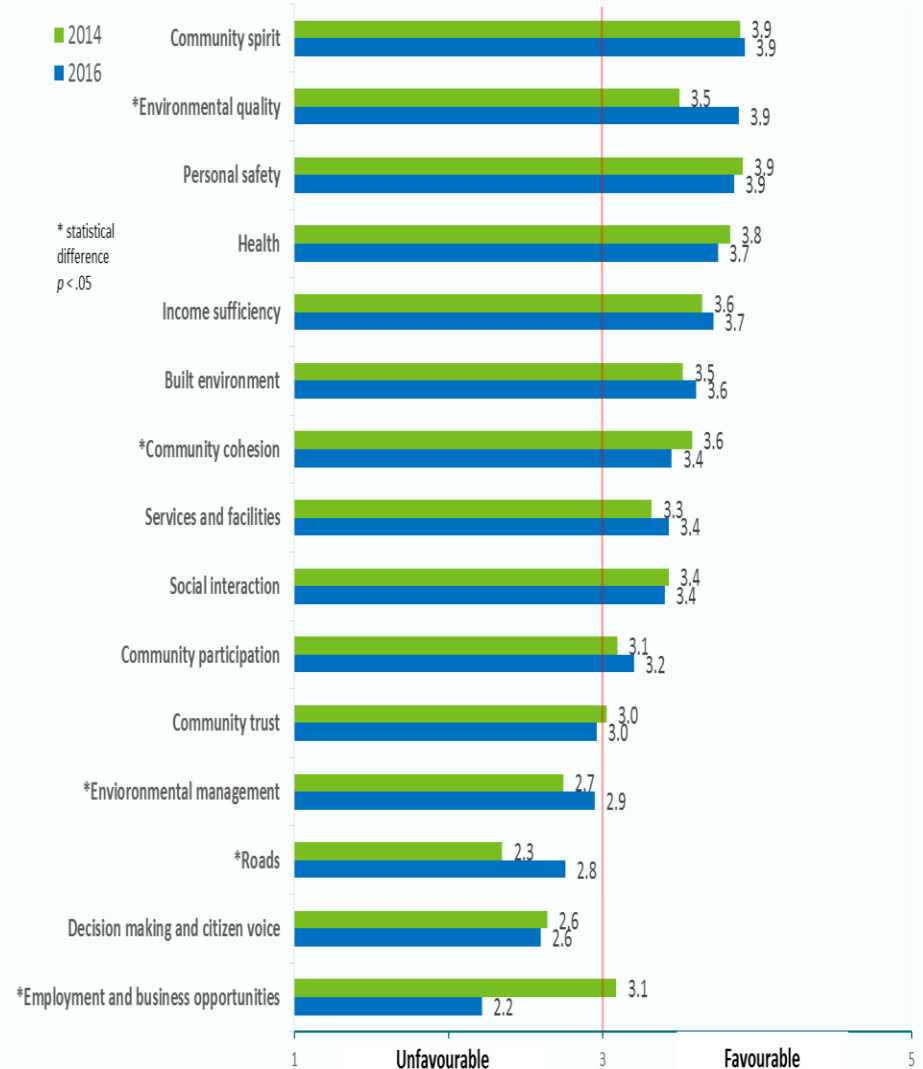
Reduced dimensions

- Employment and job opportunities
- Community cohesion

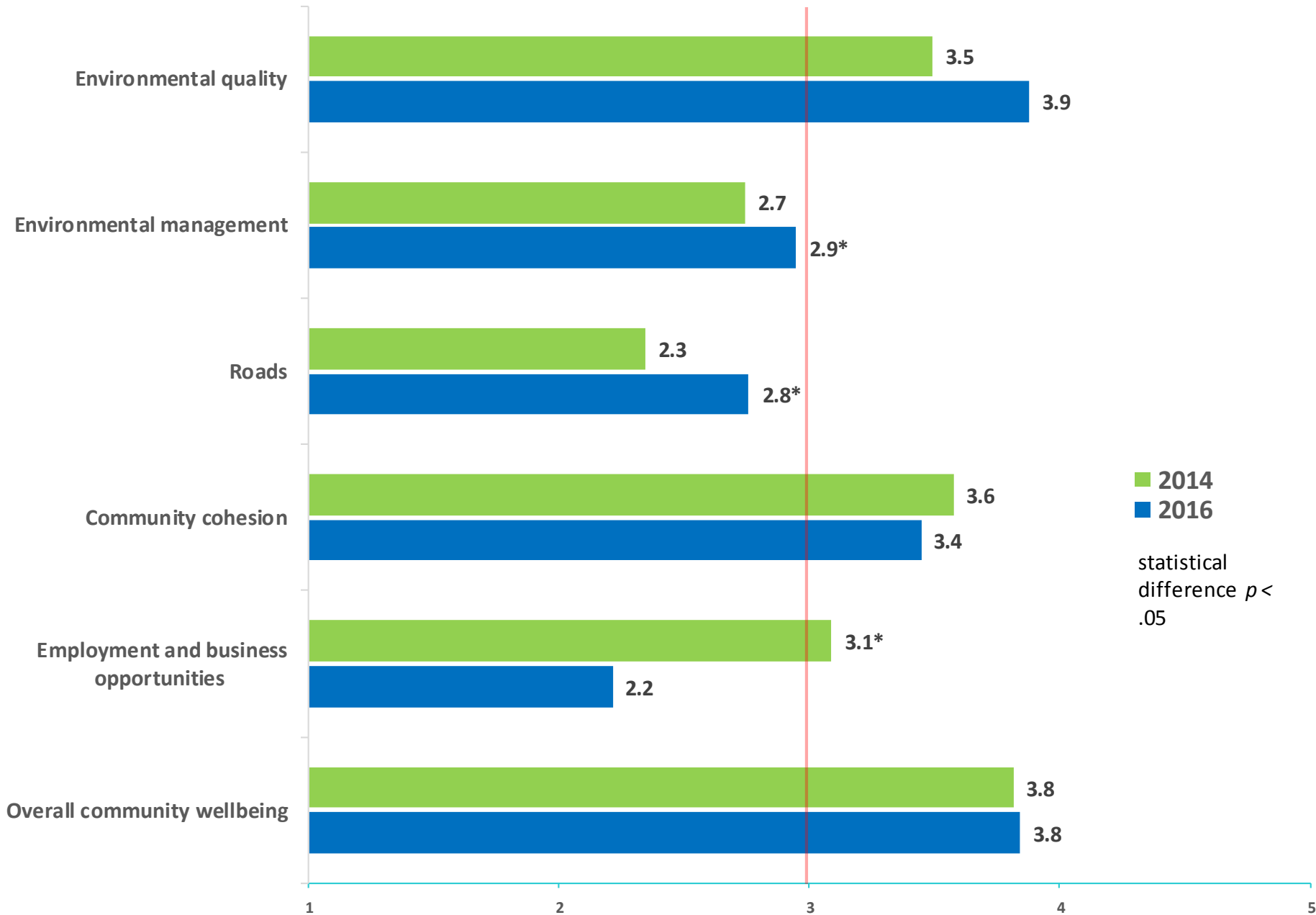
Improved dimensions

- Roads
- Environmental management for the future
- Quality of environment (dust, noise, air)

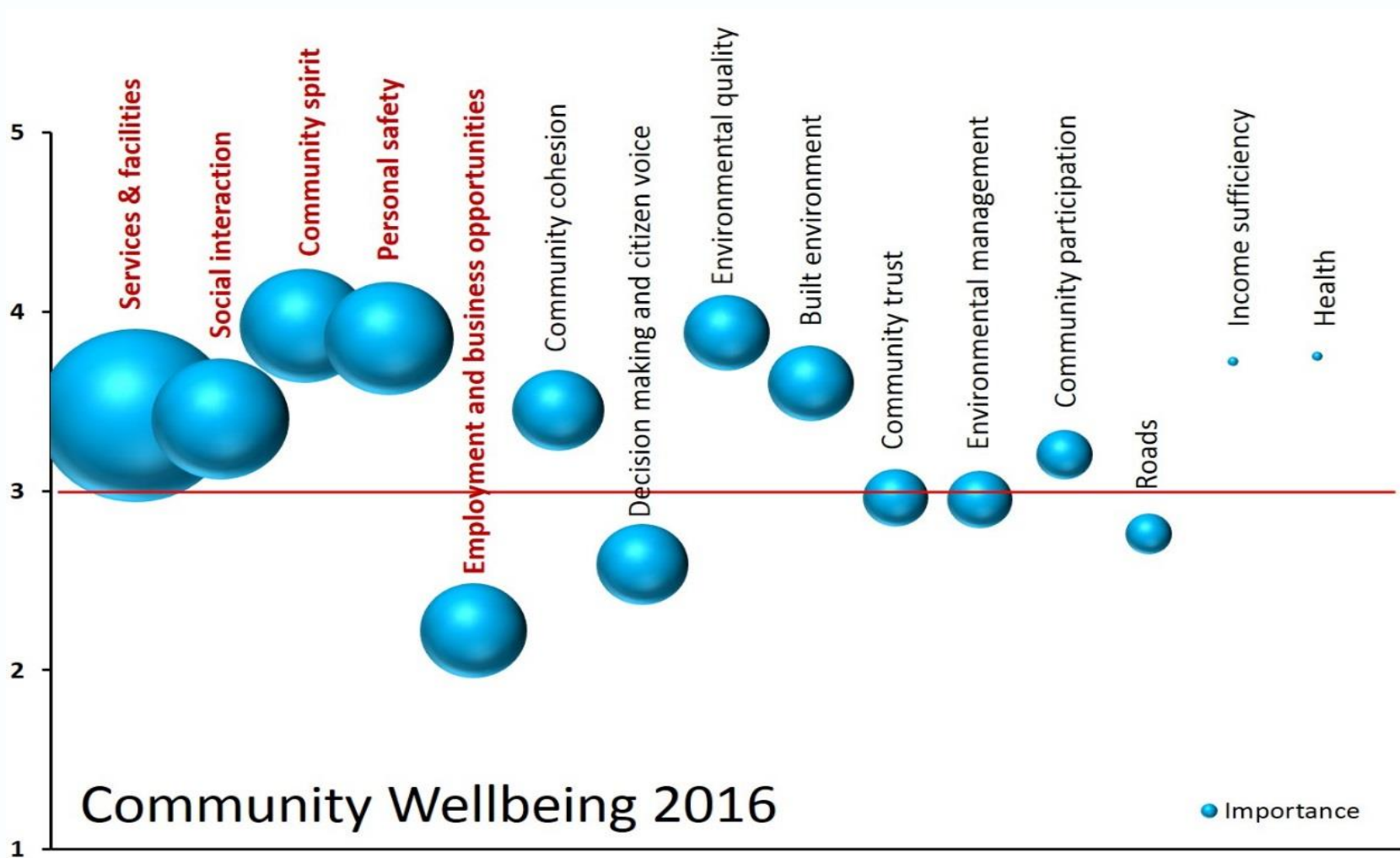
Overall community wellbeing:
Similar - no real change



Community wellbeing dimensions



Most important wellbeing dimensions: 2016



Future Community wellbeing – Most expect it to stay the same

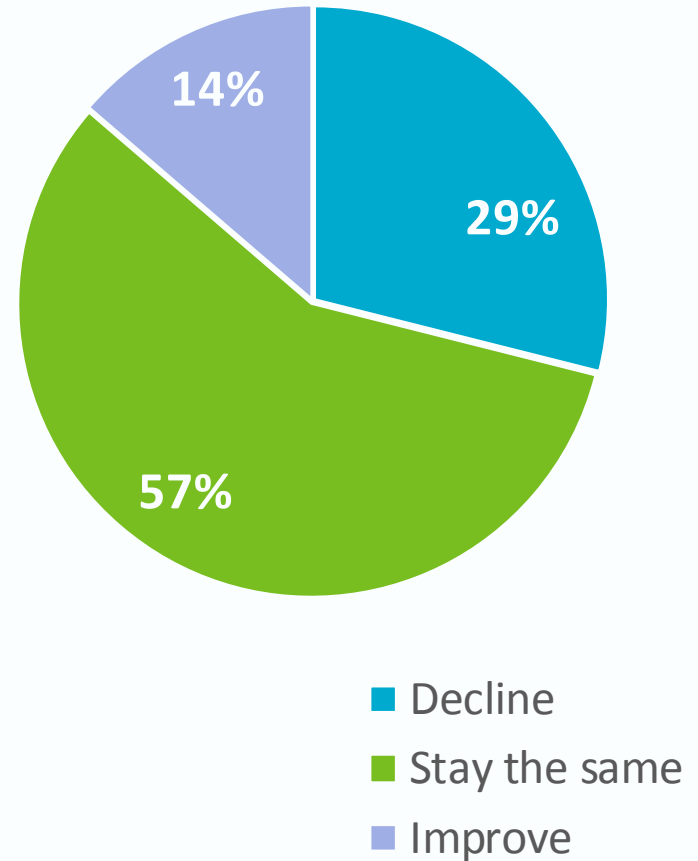
In 2014

- Slightly negative outlook

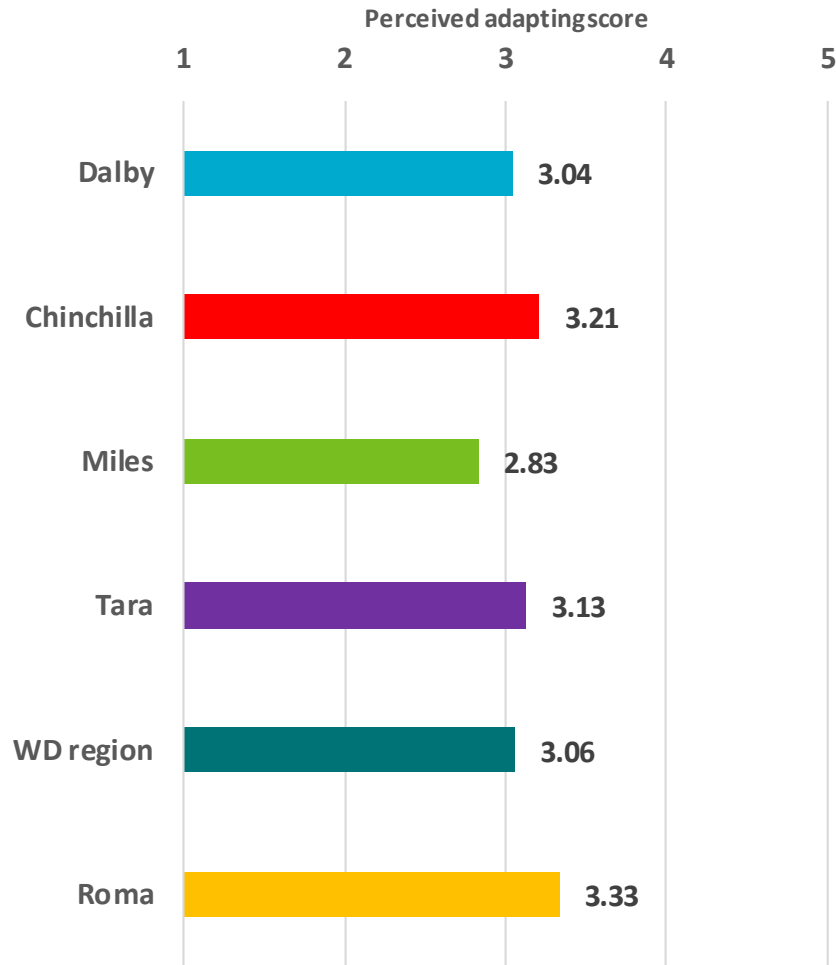
Not borne out in 2016

In 2016

- Most people expect it to stay the same
- Still slightly negative



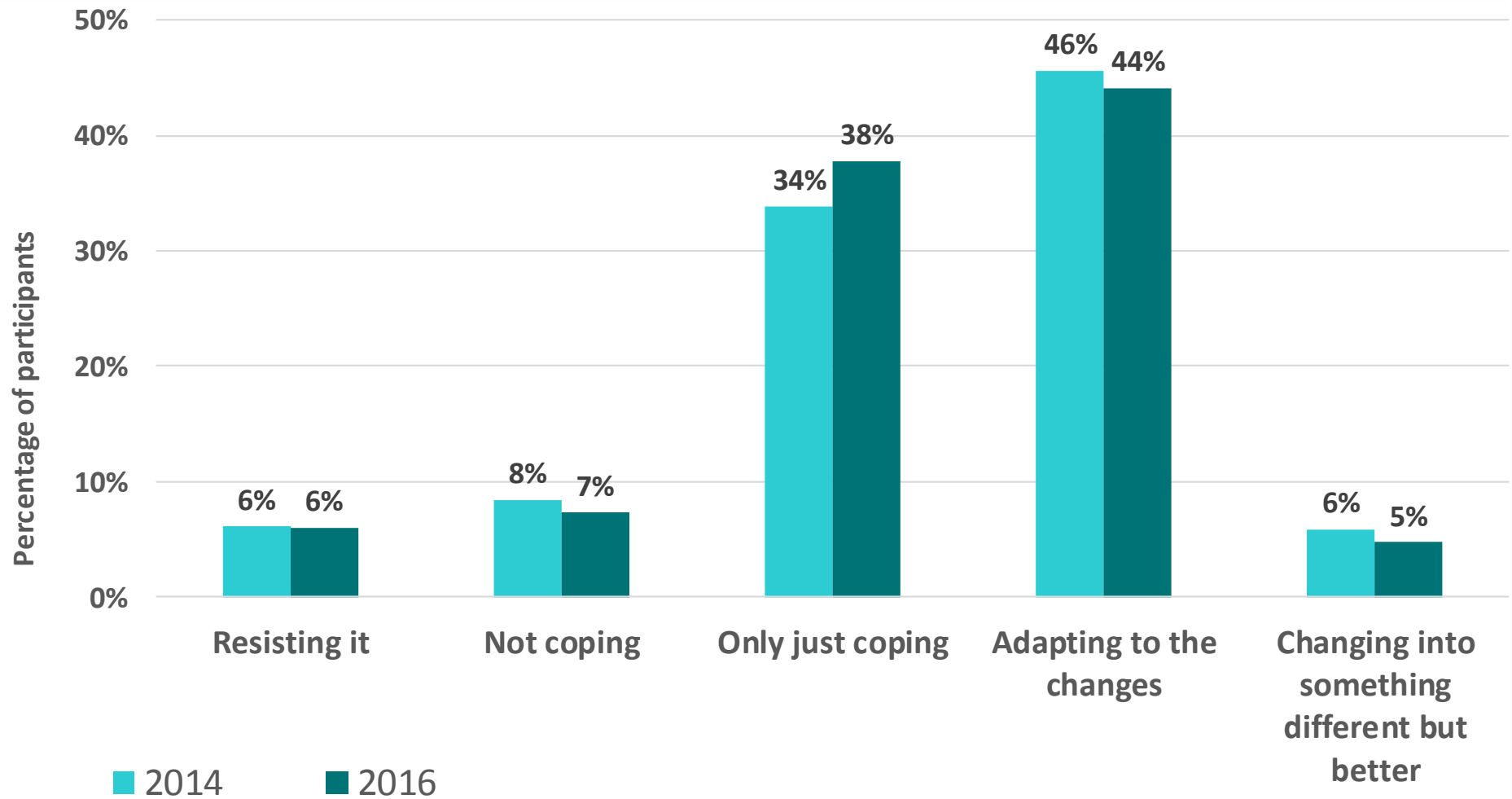
2016 Adapting to Change perceptions: Modest scores ...varies across the region



What's important for feeling like adapting well to change

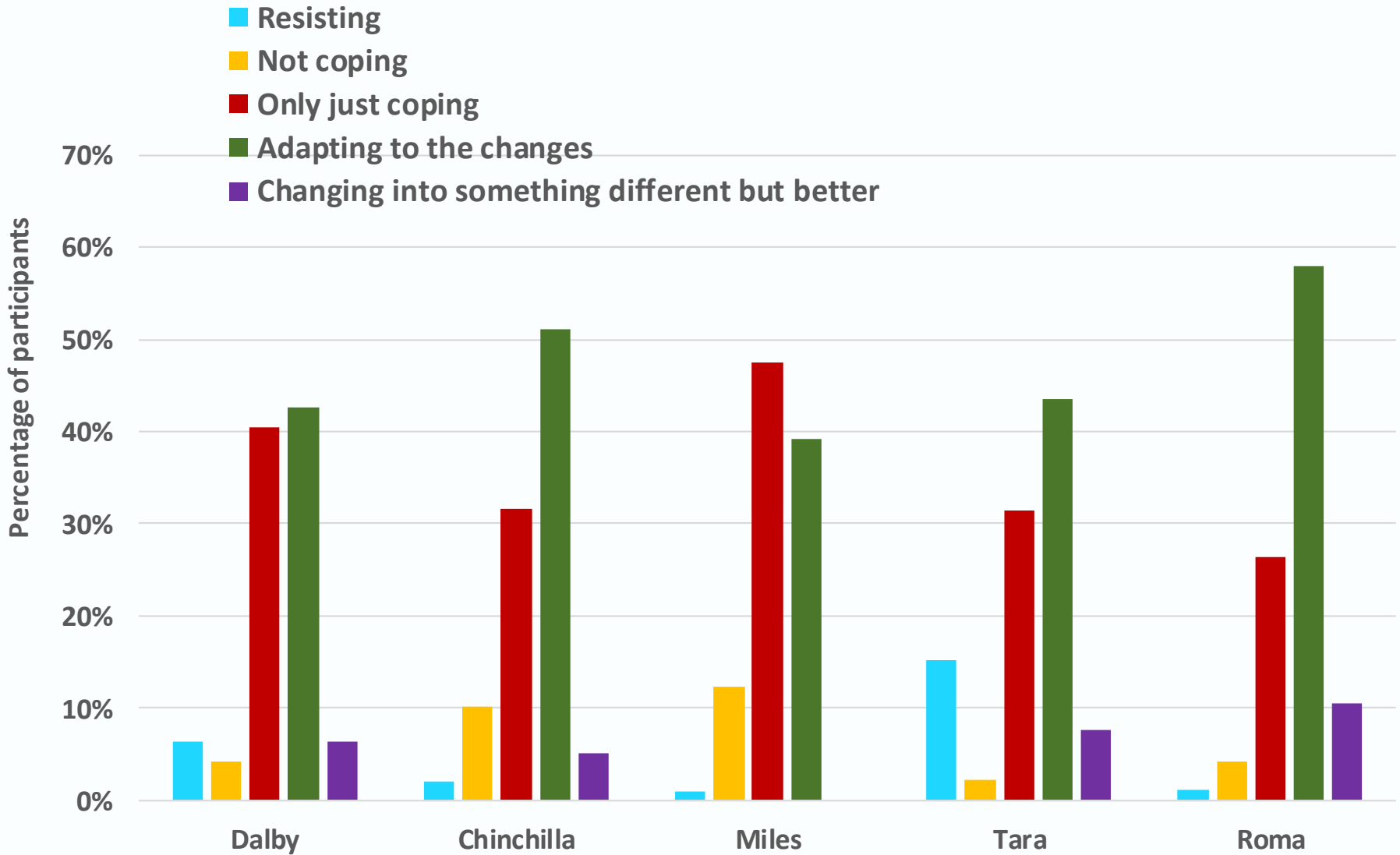
- ✓ Local planning
- ✓ Leadership
- ✓ Information access
- ✓ **Working together**
- ✓ **Community commitment**
- ✓ Being listened to
- ✓ Having a say
- ✓ *Community trust*
- ✓ Jobs, business opportunities
- ✓ *Environmental management*

Community perceptions: Adapting to CSG: 2014 and 2016

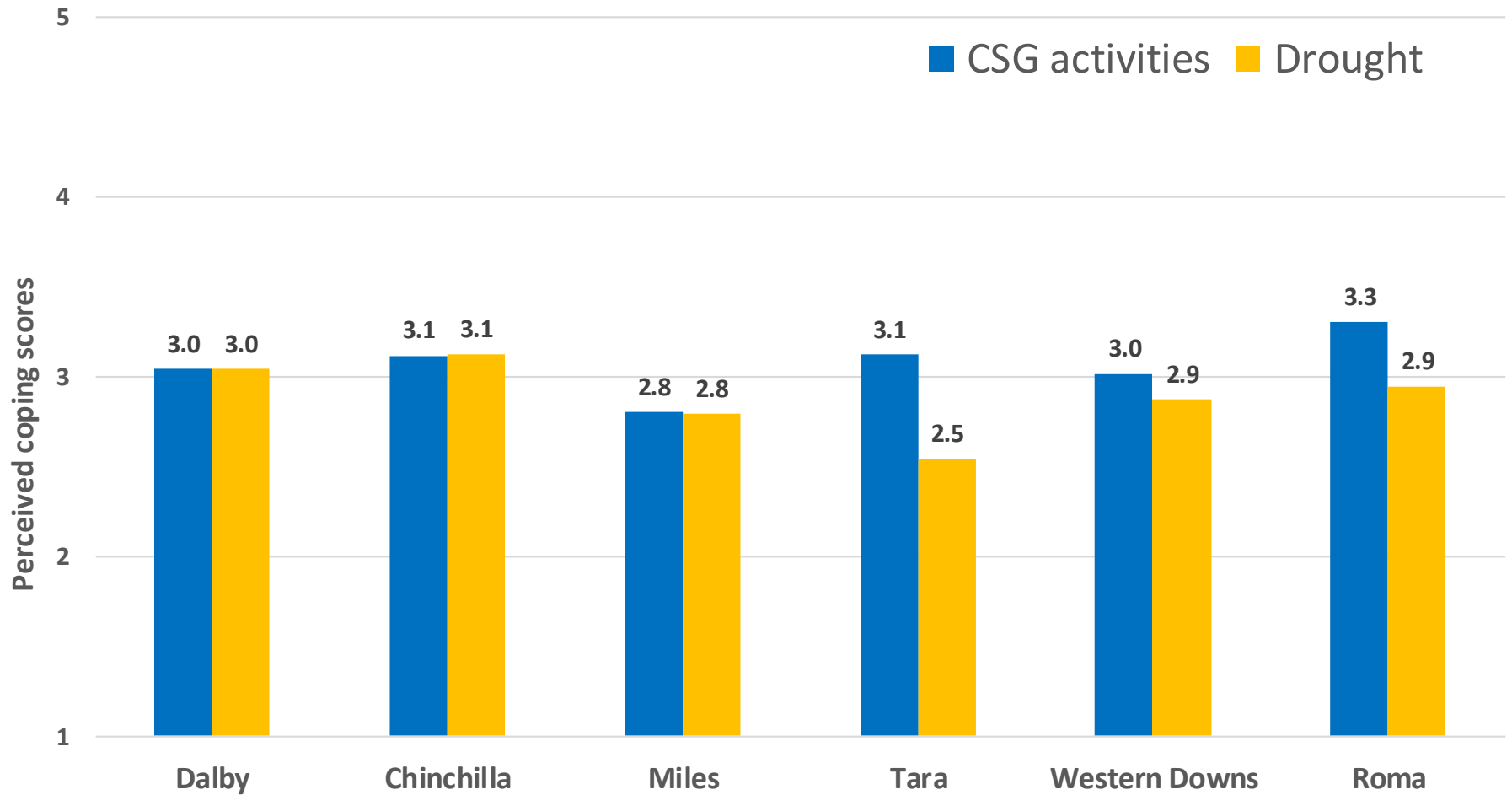


Note: Differences between 2014 and 2016 were not significantly different

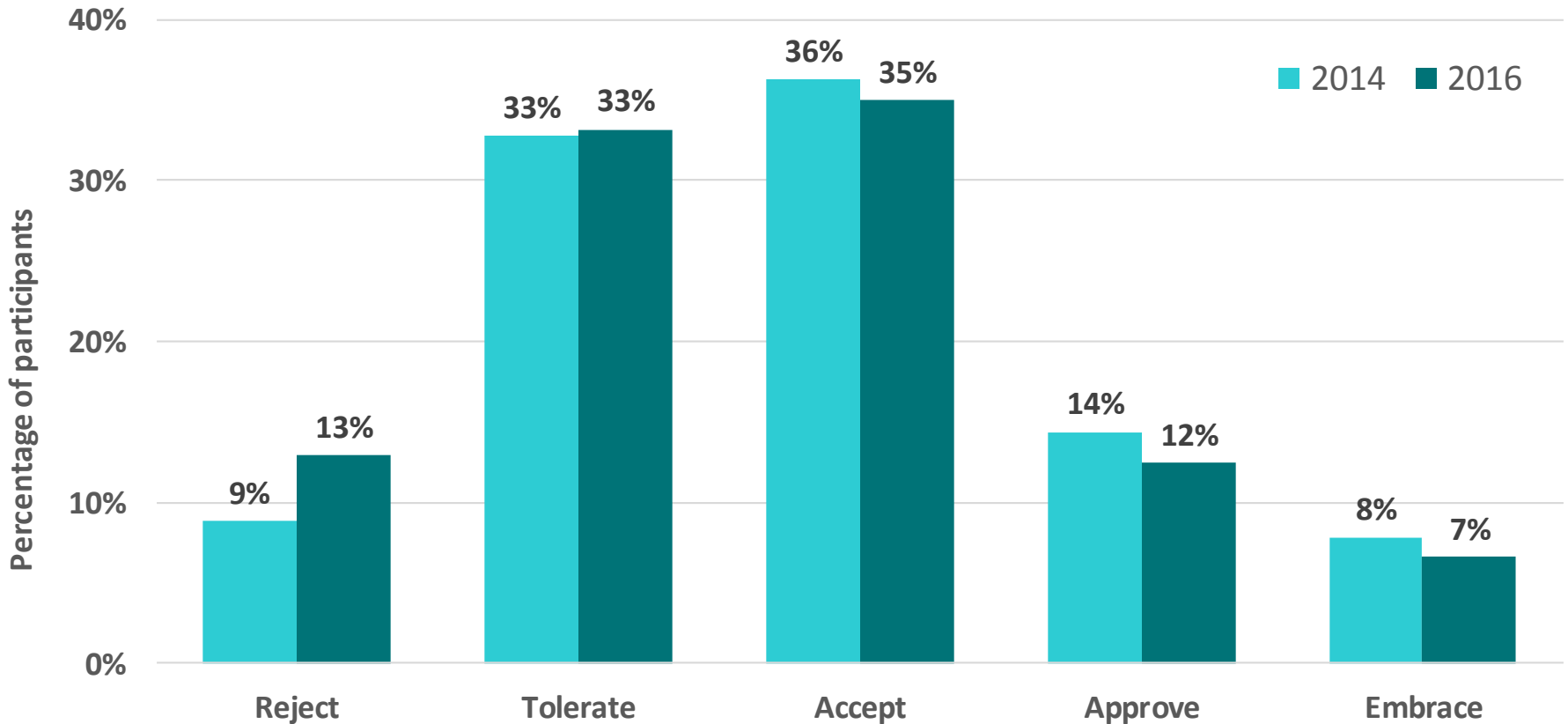
2016 Community perceptions of adapting to CSG: varies across the region



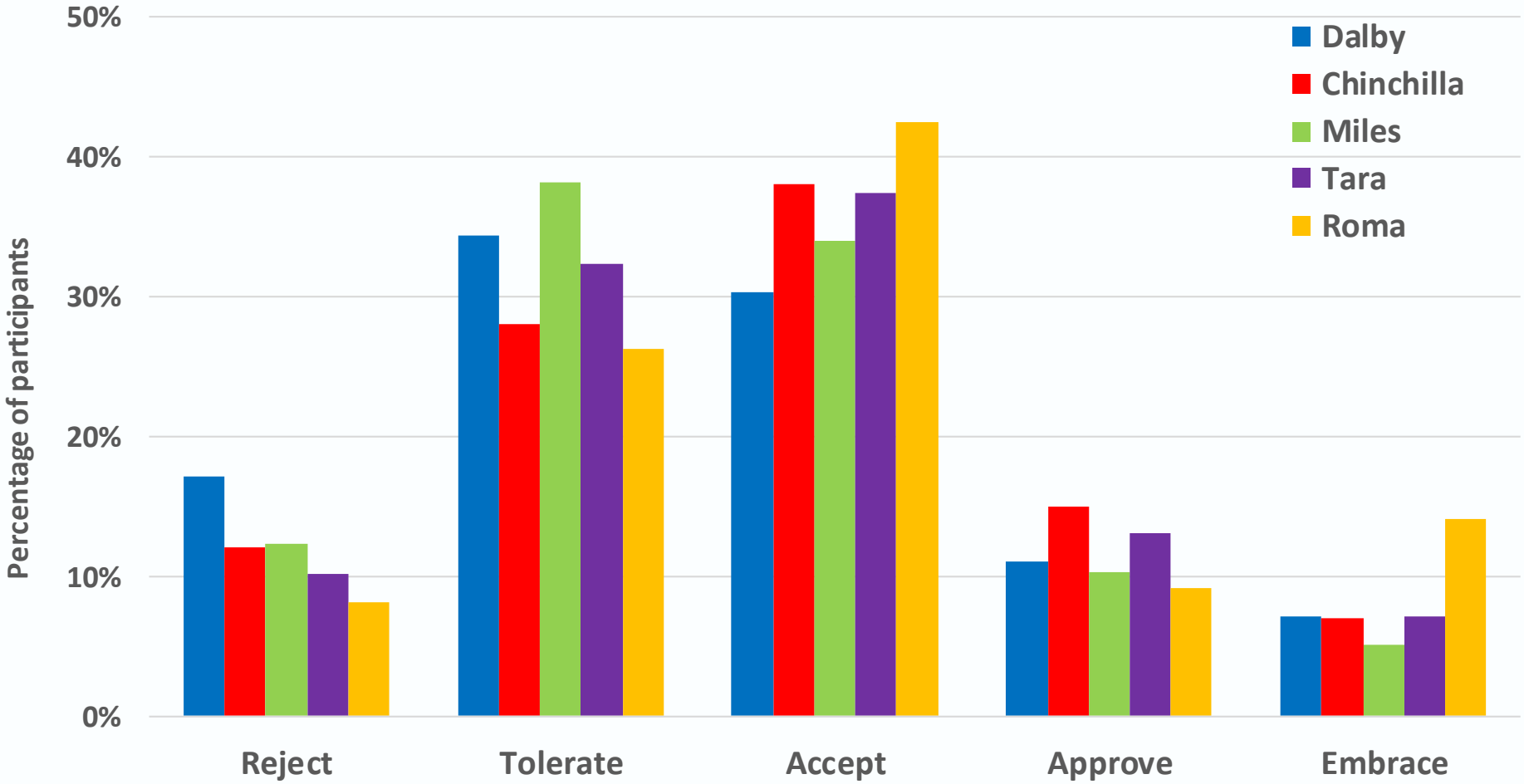
2016: Coping with drought v coping with CSG



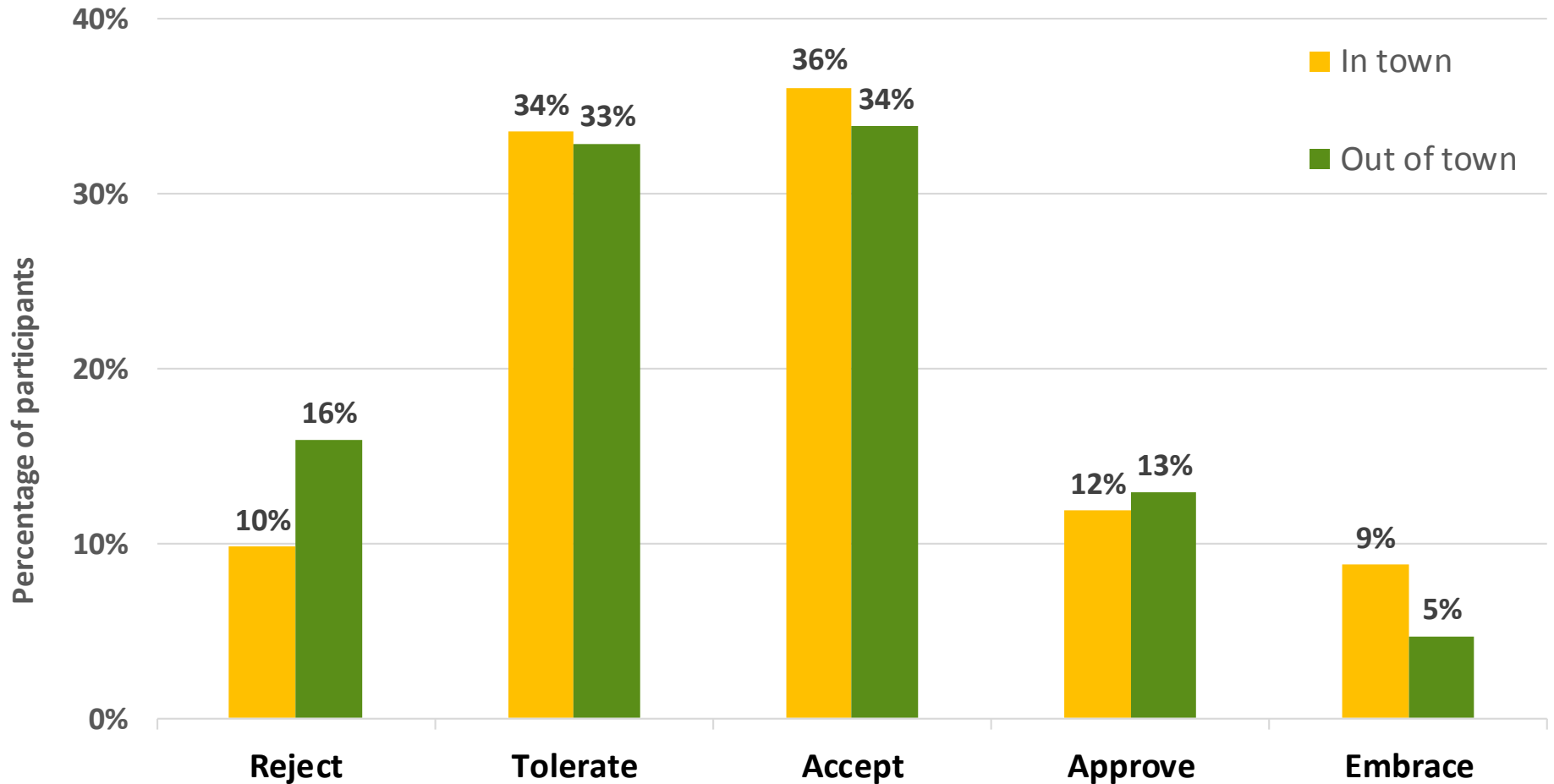
CSG Attitudes – still a range of views, slightly more negative in 2016



2016: Attitudes toward CSG –still vary across the region

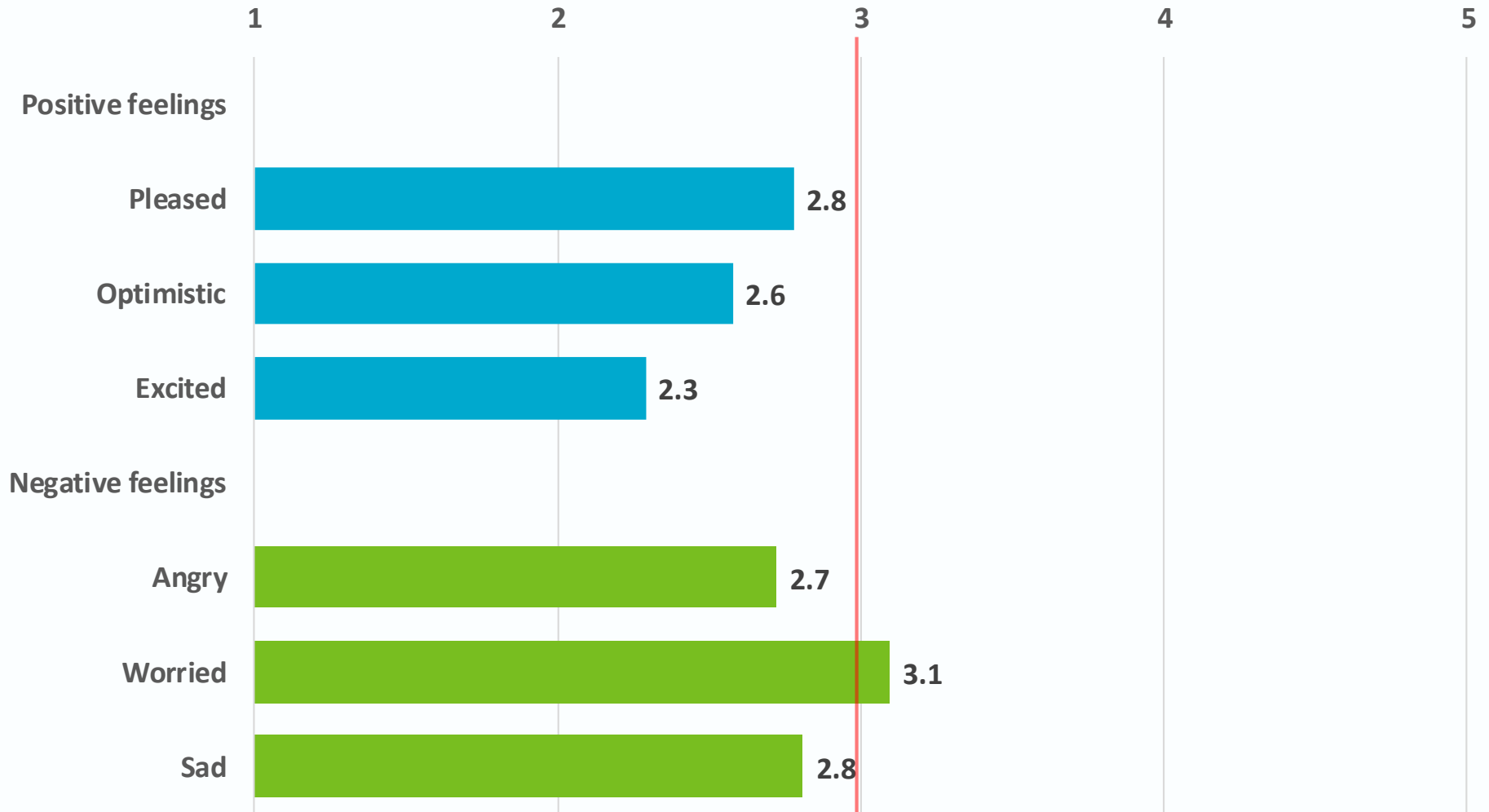


2016: CSG Attitudes – Out-of-town residents still less positive



Feelings toward CSG development WD region: 2016

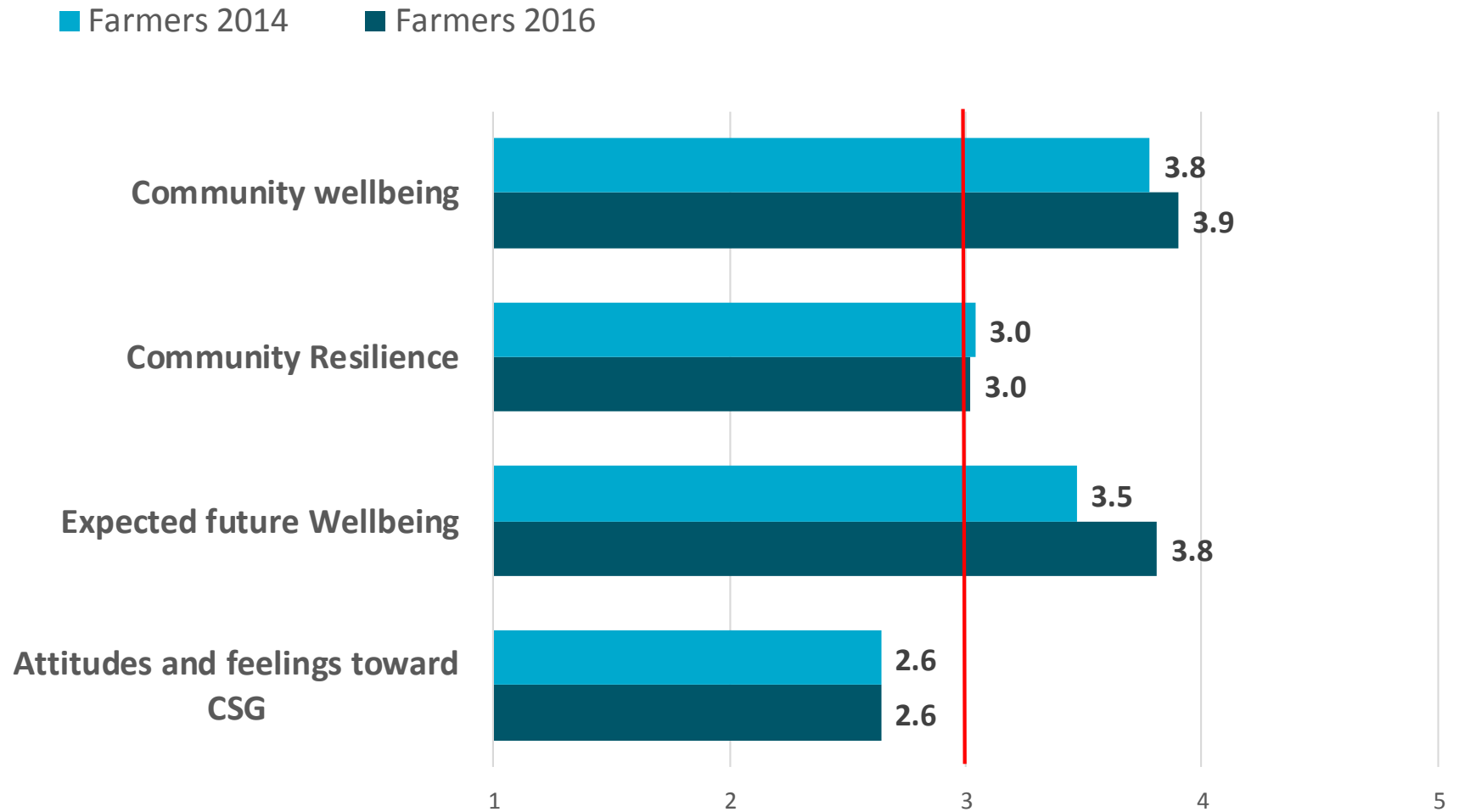
Agreement scores with feeling



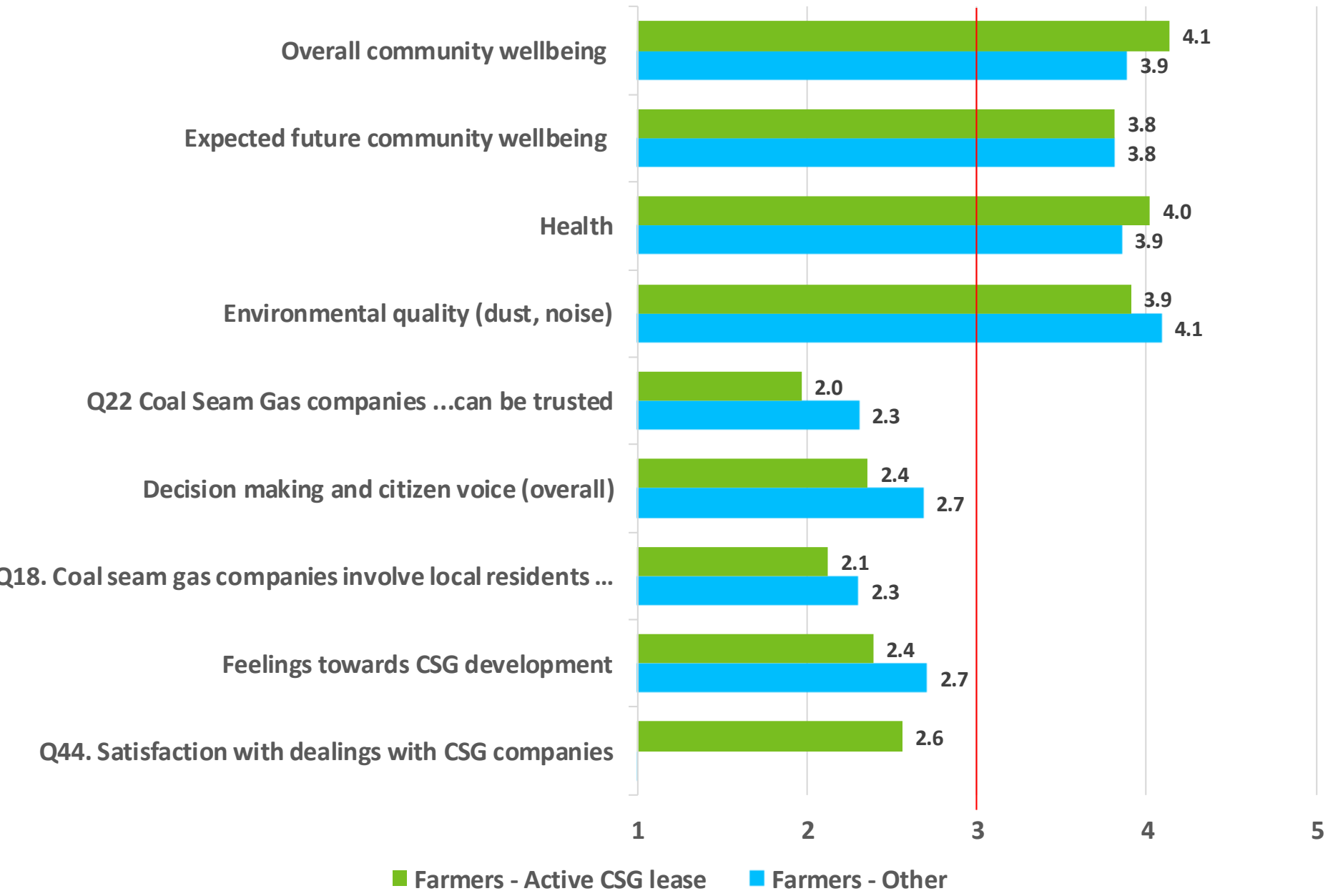
Farm owners:2016

| Community wellbeing dimensions | WD Region | Farm ownership | |
|---------------------------------------|-----------|-------------------------|-------------------------|
| | | No | Yes |
| Community spirit | 3.92 | 3.91 | 3.93 |
| Environmental quality | 3.88 | 3.79^L | 4.06^H |
| Personal safety | 3.85 | 3.73^L | 4.10^H |
| Health | 3.75 | 3.67^L | 3.89^H |
| Income sufficiency | 3.72 | 3.66 | 3.82 |
| Built environment | 3.60 | 3.64 | 3.54 |
| Community cohesion | 3.45 | 3.43 | 3.46 |
| Services and facilities | 3.42 | 3.49^H | 3.30^L |
| Social interaction | 3.40 | 3.44 | 3.32 |
| Community participation | 3.20 | 3.09^L | 3.42^H |
| Community trust | 2.96 | 3.00 | 2.88 |
| Environmental management | 2.95 | 2.92 | 2.98 |
| Roads | 2.76 | 2.74 | 2.79 |
| Decision making and citizen voice | 2.59 | 2.57 | 2.64 |
| Employment and business opportunities | 2.22 | 2.25 | 2.14 |

Farmers perceptions: 2014 and 2016

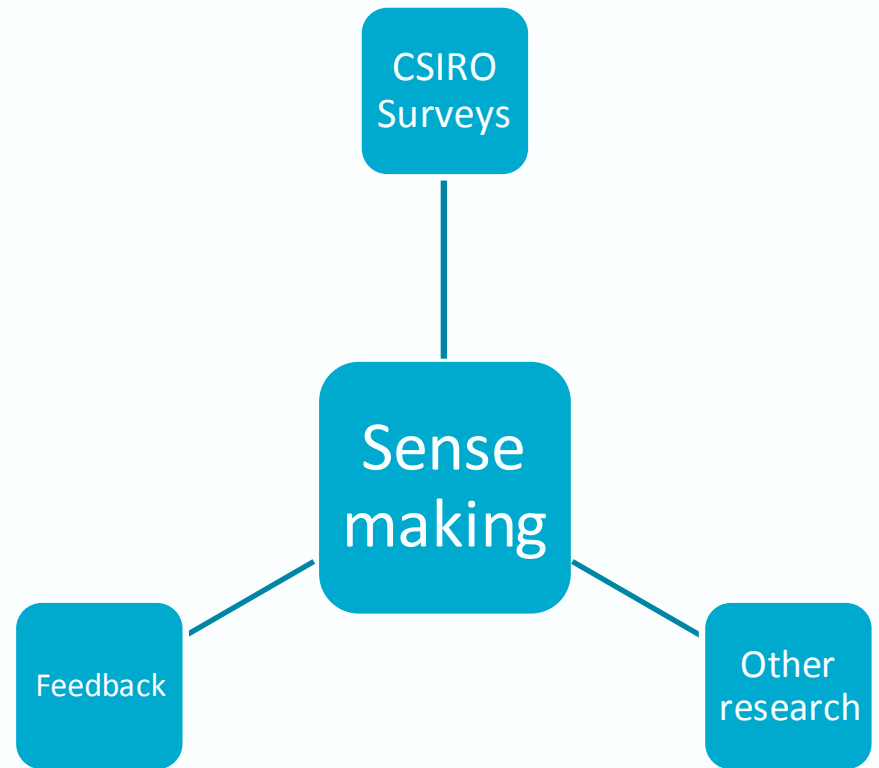


Farmers with active CSG leases and other farmers, 2016



Interesting observations ...for Q & A session

- Roma compares favourably to the Western Downs
- Changes in 'in-town' attitudes
- Farm attitudes not shifting
- What's driving the community cohesion decrease
- Information access, 'having a say' – still unsatisfactory



Thank You

LAND AND WATER

Dr. Andrea Walton

t 07 3833 5675

e andrea.walton@csiro.au

LAND AND WATER

Dr. Rod McCrea

t 07 3833 5677

e rod.mccrea@csiro.au

LAND AND WATER

www.csiro.au

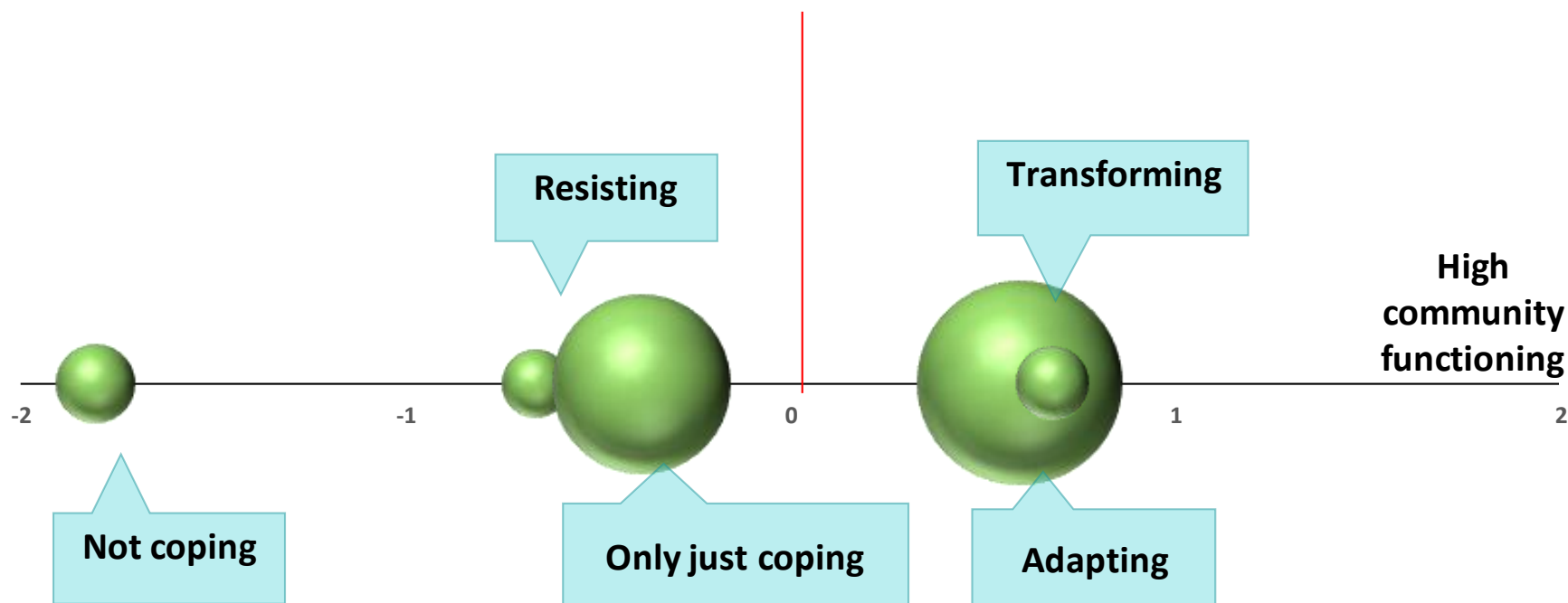


Farm owners:2016

| Community wellbeing dimensions | WD Region | Farm ownership | |
|--|-----------|-------------------------|-------------------------|
| | | No | Yes |
| Community spirit | 3.92 | 3.91 | 3.93 |
| Environmental quality | 3.88 | 3.79^L | 4.06^H |
| Personal safety | 3.85 | 3.73^L | 4.10^H |
| Health | 3.75 | 3.67^L | 3.89^H |
| Income sufficiency | 3.72 | 3.66 | 3.82 |
| Built environment | 3.60 | 3.64 | 3.54 |
| Community cohesion | 3.45 | 3.43 | 3.46 |
| Services and facilities | 3.42 | 3.49^H | 3.30^L |
| Social interaction | 3.40 | 3.44 | 3.32 |
| Community participation | 3.20 | 3.09^L | 3.42^H |
| Community trust | 2.96 | 3.00 | 2.88 |
| Environmental management | 2.95 | 2.92 | 2.98 |
| Roads | 2.76 | 2.74 | 2.79 |
| Decision making and citizen voice | 2.59 | 2.57 | 2.64 |
| Employment and business opportunities | 2.22 | 2.25 | 2.14 |
| Overall Community wellbeing | 3.84 | 3.82 | 3.90 |
| Overall Community resilience | 3.15 | 3.22^H | 3.02^L |
| Expected future wellbeing | 3.69 | 3.63 | 3.81 |
| Place attachment | 4.16 | 4.13 | 4.24 |
| Community attitudes and feelings towards CSG | 2.80 | 2.89^H | 2.64^L |

Indicators of high community functioning: 2016

- ✓ Local planning
- ✓ Working together
- ✓ Being listened to
- ✓ Jobs, business
- ✓ Leadership
- ✓ Community trust
- ✓ Having a say
- ✓ Environmental management
- ✓ Information access
- ✓ Community commitment



Community wellbeing dimensions

