

# NSW Abalone Fishery Logbook catch figures

Abalone Council of NSW

10 September, 2013

Monthly Area summary for 26 months

Note most catch data up to end August 2013

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# Figure description

Graph 1. Total catch (blue bars with 6 month moving average line) and catch rate shown as box plot (median red circle, quartiles, 95% CI and outliers) for individual bins with red loess fit where at least 12 mths data, and change in fit of recent 3 months and 6 months compared to corresponding months from the previous year. Standardised catch rates are also shown, with monthly effects (green squares) and loess fit to expected values for individual bins (green line). Values above graph show change of recent 3 mths or 6 mths to same period 12 months earlier, with blue indicating total catch/total effort, red for loess fit and green for standardised loess fit.

Graph 2. Total catch (blue bars with 6 month moving average line) and mean weight of abalone shown as box plot (median red circle, quartiles, 95% CI and outliers) for individual bins with pink loess fit where at least 12 mths data, and percent change in fit of recent 3 months and 6 months with corresponding months from the previous year. Standardised weights are also shown, with monthly effects (green squares) and loess fit to expected values for individual bins (green line). Values above graph show change of recent 3 mths or 6 mths to same period 12 months earlier, with blue indicating total catch/total number of abalone, red for loess fit and green for standardised loess fit.

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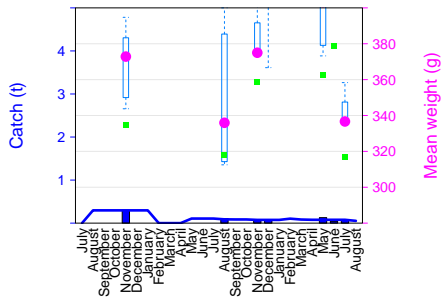
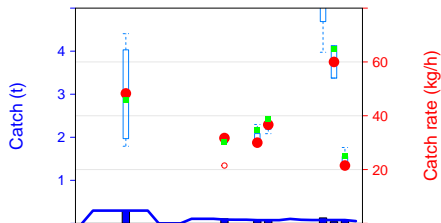
#### Region 3-4

- Area 8, Narooma
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- Area 13, Long Beach

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# Area 1, Tweed, A-E



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### Figure description

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- Area 1, Tweed
- Area 2, Port Stephens
- Area 3, Kiama
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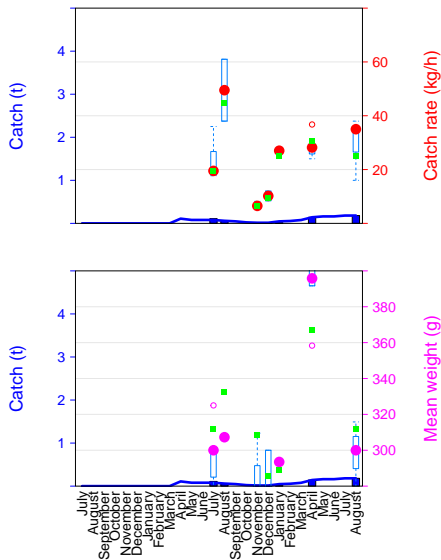
#### Region 3-4

- Area 8, Narooma
- Area 9, Bermagui
- Area 10, Bunga
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# Area 2, Port Stephens, F-J



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### Figure description

#### Region 1-2

- Area 1, Tweed
- Area 2, Port Stephens**
- Area 3, Kiama
- Area 4, Ulladulla
- Area 5, South Brush
- Area 6, Batemans
- Area 7, Moruya

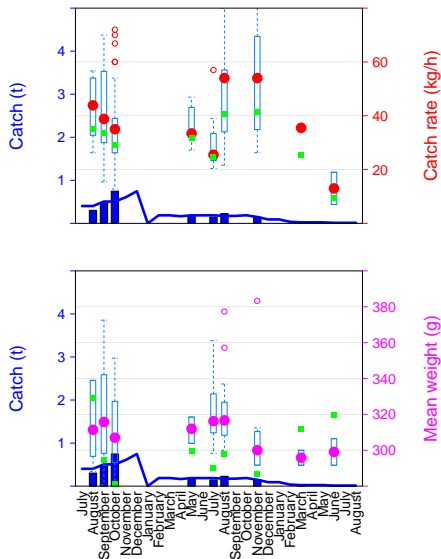
#### Region 3-4

- Area 8, Narooma
- Area 9, Bermagui
- Area 10, Bunga
- Area 11, Moon Bay
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- Area 13, Long Beach

#### Region 5-6

- Area 14, Eden
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# Area 3, Kiama, K-M



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- Area 1, Tweed
- Area 2, Port Stephens
- Area 3, Kiama**
- Area 4, Ulladulla
- Area 5, South Brush
- Area 6, Batemans
- Area 7, Moruya

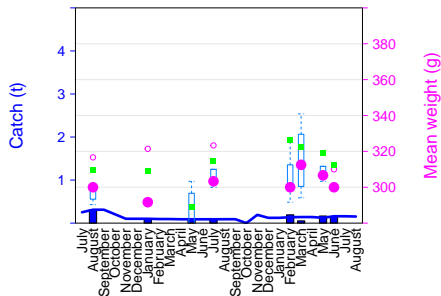
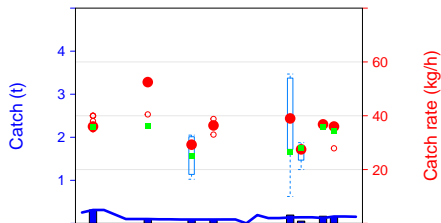
#### Region 3-4

- Area 8, Narooma
- Area 9, Bermagui
- Area 10, Bunga
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# Area 4, Ulladulla, N



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- Area 1, Tweed
- Area 2, Port Stephens
- Area 3, Kiama
- Area 4, Ulladulla**
- Area 5, South Brush
- Area 6, Batemans
- Area 7, Moruya

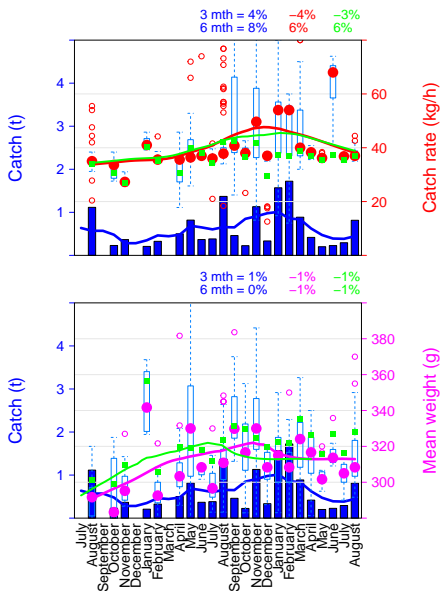
#### Region 3-4

- Area 8, Narooma
- Area 9, Bermagui
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#### Region 5-6

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# Area 5, South Brush, P



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- Area 1, Tweed
- Area 2, Port Stephens
- Area 3, Kiama
- Area 4, Ulladulla
- Area 5, South Brush**
- Area 6, Batemans
- Area 7, Moruya

#### Region 3-4

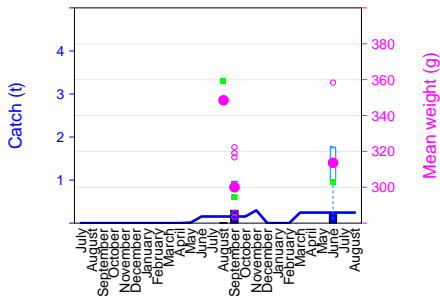
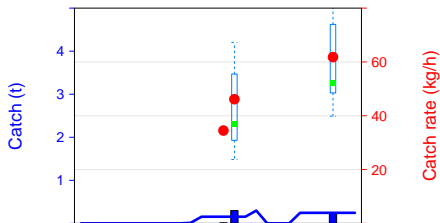
- Area 8, Narooma
- Area 9, Bermagui
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#### Region 5-6

- Area 14, Eden
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# Area 6, Batemans, Q



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### Figure description

#### Region 1-2

- Area 1, Tweed
- Area 2, Port Stephens
- Area 3, Kiama
- Area 4, Ulladulla
- Area 5, South Brush
- Area 6, Batemans**
- Area 7, Moruya

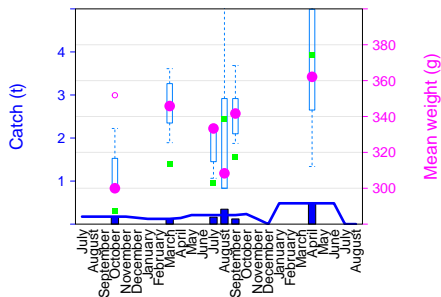
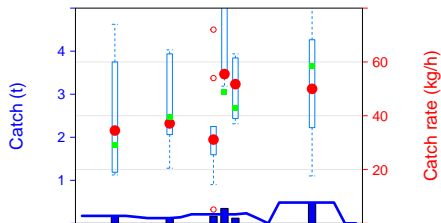
#### Region 3-4

- Area 8, Narooma
- Area 9, Bermagui
- Area 10, Bunga
- Area 11, Moon Bay
- Area 12, Turingal
- Area 13, Long Beach

#### Region 5-6

- Area 14, Eden
- Area 15, Saltwater
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- Area 17, Green Cape
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# Area 7, Moruya, R-S



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### Figure description

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- Area 4, Ulladulla
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- Area 6, Batemans
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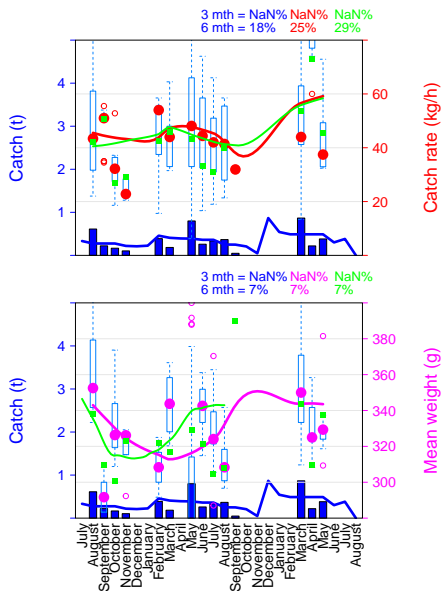
#### Region 3-4

- Area 8, Narooma
- Area 9, Bermagui
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# Area 8, Narooma, T



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- Area 3, Kiama
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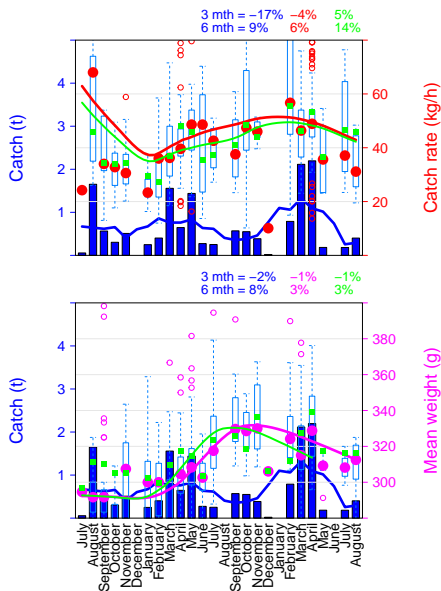
#### Region 3-4

- Area 8, Narooma
- Area 9, Bermagui
- Area 10, Bunga
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# Area 9, Bermagui, U1-3



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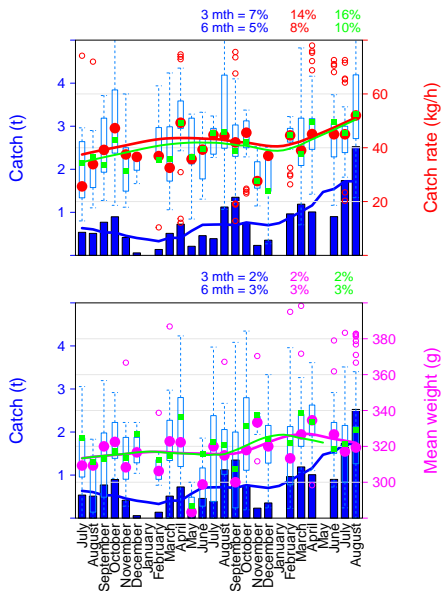
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- Area 8, Narooma
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# Area 10, Bunga, U4-V2



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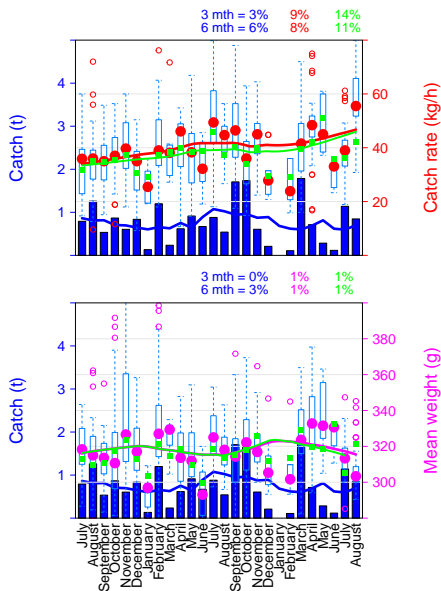
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- Area 8, Narooma
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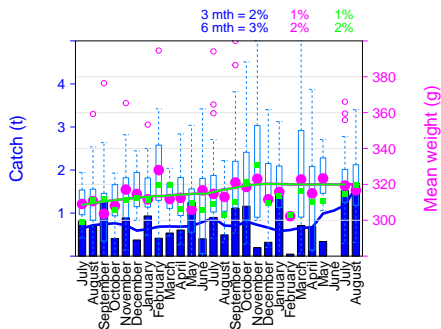
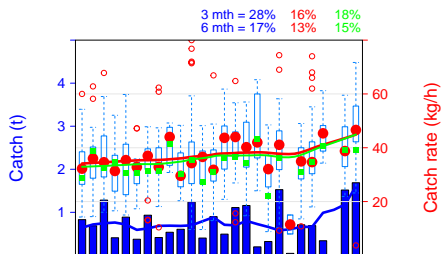
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- Area 8, Narooma
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- Area 11, Moon Bay**
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# Area 12, Turingal, W2-X1



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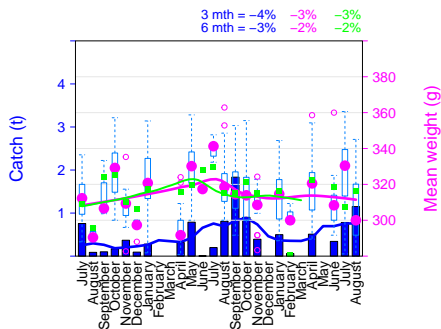
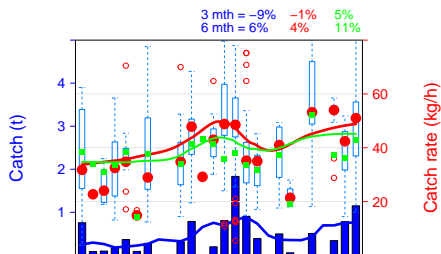
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- Area 8, Narooma
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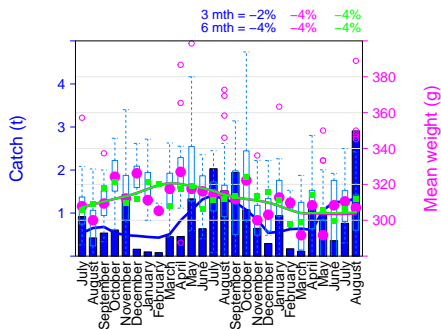
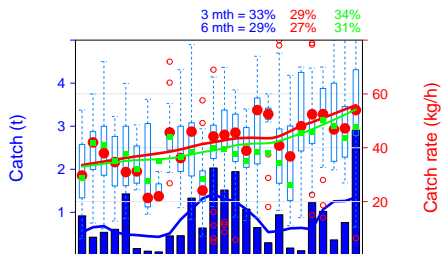
- Area 8, Narooma
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# Area 14, Eden, Y11-21



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- Area 2, Port Stephens
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- Area 7, Moruya

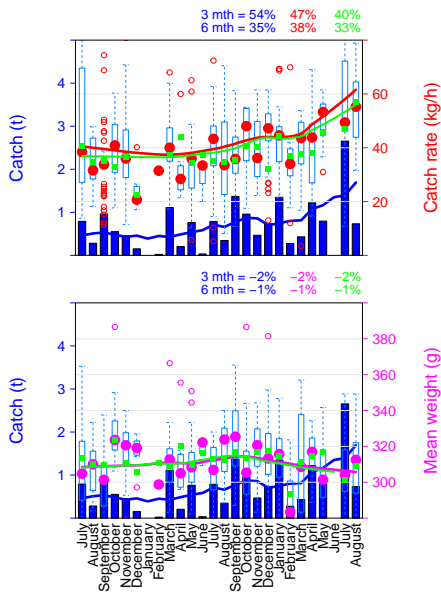
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- Area 8, Narooma
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# Area 15, Saltwater, Y22-23



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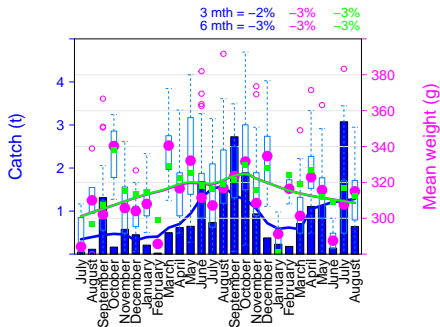
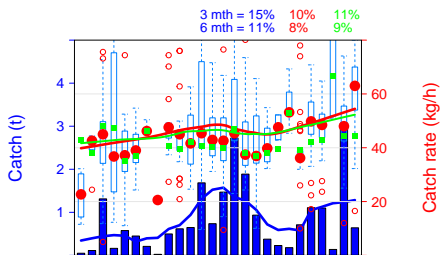
#### Region 3-4

- Area 8, Narooma
- Area 9, Bermagui
- Area 10, Bungu
- Area 11, Moon Bay
- Area 12, Turingal
- Area 13, Long Beach

#### Region 5-6

- Area 14, Eden
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- Area 18, City Rock
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# Area 16, Bittangabee, Y24



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- Area 2, Port Stephens
- Area 3, Kiama
- Area 4, Ulladulla
- Area 5, South Brush
- Area 6, Batemans
- Area 7, Moruya

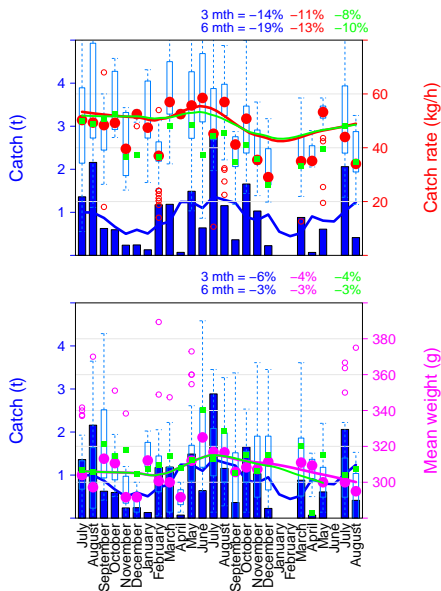
#### Region 3-4

- Area 8, Narooma
- Area 9, Bermagui
- Area 10, Bunga
- Area 11, Moon Bay
- Area 12, Turingal
- Area 13, Long Beach

#### Region 5-6

- Area 14, Eden
- Area 15, Saltwater
- Area 16, Bittangabee**
- Area 17, Green Cape
- Area 18, City Rock
- Area 19, Wonboyn
- Area 20, Saltlake
- Area 21, Howe

# Area 17, Green Cape, Y31



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### Figure description

#### Region 1-2

- Area 1, Tweed
- Area 2, Port Stephens
- Area 3, Kiama
- Area 4, Ulladulla
- Area 5, South Brush
- Area 6, Batemans
- Area 7, Moruya

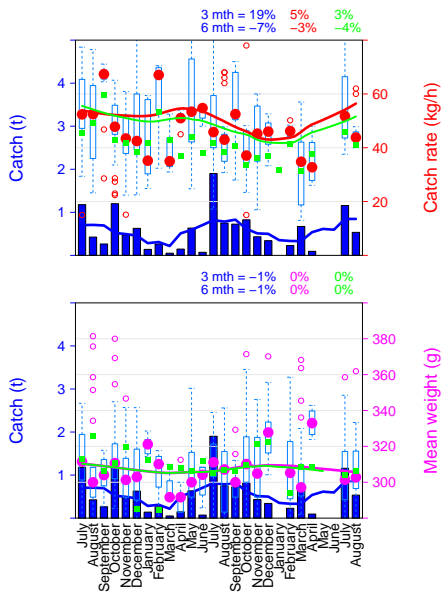
#### Region 3-4

- Area 8, Narooma
- Area 9, Bermagui
- Area 10, Bunga
- Area 11, Moon Bay
- Area 12, Turingal
- Area 13, Long Beach

#### Region 5-6

- Area 14, Eden
- Area 15, Saltwater
- Area 16, Bittangabee
- Area 17, Green Cape**
- Area 18, City Rock
- Area 19, Wonboyn
- Area 20, Saltlake
- Area 21, Howe

# Area 18, City Rock, Y32



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### Figure description

#### Region 1-2

- Area 1, Tweed
- Area 2, Port Stephens
- Area 3, Kiama
- Area 4, Ulladulla
- Area 5, South Brush
- Area 6, Batemans
- Area 7, Moruya

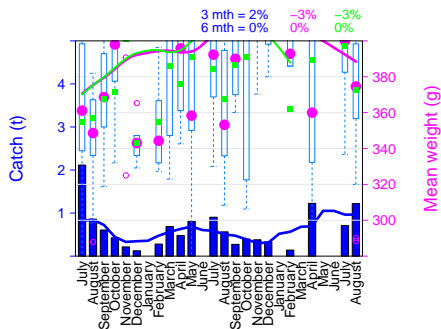
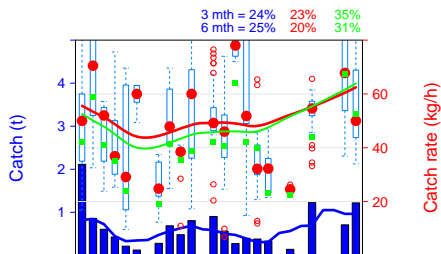
#### Region 3-4

- Area 8, Narooma
- Area 9, Bermagui
- Area 10, Bunga
- Area 11, Moon Bay
- Area 12, Turingal
- Area 13, Long Beach

#### Region 5-6

- Area 14, Eden
- Area 15, Saltwater
- Area 16, Bittangabee
- Area 17, Green Cape
- Area 18, City Rock**
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- Area 20, Saltlake
- Area 21, Howe

# Area 19, Wonboyn, Z1-3



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### Figure description

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- Area 1, Tweed
- Area 2, Port Stephens
- Area 3, Kiama
- Area 4, Ulladulla
- Area 5, South Brush
- Area 6, Batemans
- Area 7, Moruya

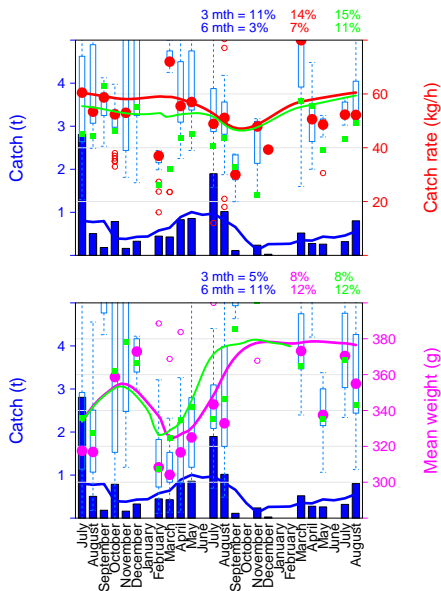
#### Region 3-4

- Area 8, Narooma
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- Area 14, Eden
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- Area 19, Wonboyn**
- Area 20, Saltlake
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# Area 20, Saltlake, Z4



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### Figure description

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- Area 1, Tweed
- Area 2, Port Stephens
- Area 3, Kiama
- Area 4, Ulladulla
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- Area 6, Batemans
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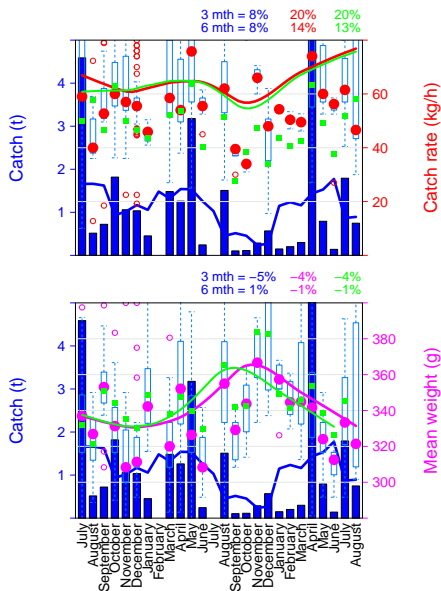
#### Region 3-4

- Area 8, Narooma
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- Area 10, Bunga
- Area 11, Moon Bay
- Area 12, Turingal
- Area 13, Long Beach

#### Region 5-6

- Area 14, Eden
- Area 15, Saltwater
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- Area 17, Green Cape
- Area 18, City Rock
- Area 19, Wonboyn
- Area 20, Saltlake**
- Area 21, Howe

# Area 21, Howe, Z5



## Contents

### Figure description

#### Region 1-2

- Area 1, Tweed
- Area 2, Port Stephens
- Area 3, Kiama
- Area 4, Ulladulla
- Area 5, South Brush
- Area 6, Batemans
- Area 7, Moruya

#### Region 3-4

- Area 8, Narooma
- Area 9, Bermagui
- Area 10, Bunga
- Area 11, Moon Bay
- Area 12, Turingal
- Area 13, Long Beach

#### Region 5-6

- Area 14, Eden
- Area 15, Saltwater
- Area 16, Bittangabee
- Area 17, Green Cape
- Area 18, City Rock
- Area 19, Wonboyn
- Area 20, Saltlake
- Area 21, Howe