Projections of exploitable biomass using alternative methods and assumptions

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Coastwide (CW) exploitable biomass (EBio)

*Beginning of the year 2011 calculated using 2010 size-at-age, selectivity, etc.
Projected CW EBio (*status quo* method, change in trends)

- Using Min, Avg and Max CW estimated recruitment
- Changing trends: 1) no further decreases in size-at-age
  2) no further decreases of recruitment estimates

**Cautionary note:** these projections assume no uncertainty on 2011 initial numbers and HR: 0.2

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Projected CW EBio (alternative method, status quo trends)

Trend: decline in size-at-age, decline in selectivity at age
Projected CW EBio (alternative method, *status quo* trends)

Trend: downwards-revisions of recruitment estimates

Average revision:

-6% /yr

### Year class 1988-2003

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<tbody>
<tr>
<td>Age in 2010</td>
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<td>16</td>
<td>15</td>
<td>14</td>
<td>13</td>
<td>12</td>
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### % yield at age 8-20

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<th>Age</th>
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<th>9</th>
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<th>14</th>
<th>15</th>
<th>16</th>
<th>17</th>
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<th>20</th>
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<tbody>
<tr>
<td>%</td>
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Projected CW EBio (alternative method)

1) Using Min, Avg and Max CW estimated recruitment
2) Avg Recruits, reduced rec. (R.R), reduced size-at-age (R.S) and both (R.R,S)

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