# Southwest Cow-Calf SPA Key Measures Summary (Long Term Average)

**States:** NM, OK, TX; **Regions:** all regions; **Years:** from 1991 to 2010

**Producers:** all producers; **Enterprises:** all enterprises; **Number of Herds:** 590; **Herd Sizes:** from 10 to 13,884; **Total Cows:** 387,624

## Herd Related Measures

<table>
<thead>
<tr>
<th>Production Measures</th>
<th>Average</th>
<th><strong>Weighted Average</strong></th>
<th>*<strong>Standard Deviation (+/-)</strong></th>
<th>****Coefficient of Variation (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pregnancy percentage*</td>
<td>88.7</td>
<td>87.6</td>
<td>7.0</td>
<td>8</td>
</tr>
<tr>
<td>Calving percentage</td>
<td>85.2</td>
<td>81.2</td>
<td>9.9</td>
<td>12</td>
</tr>
<tr>
<td>Calving death loss based on exposed females</td>
<td>3.3</td>
<td>2.5</td>
<td>3.3</td>
<td>101</td>
</tr>
<tr>
<td>Calf crop or weaning percentage</td>
<td>82.1</td>
<td>79.1</td>
<td>9.0</td>
<td>11</td>
</tr>
<tr>
<td>Actual weaning weight, steers and bulls</td>
<td>536.3</td>
<td>544.4</td>
<td>77.8</td>
<td>15</td>
</tr>
<tr>
<td>Actual weaning weight, heifers</td>
<td>506.0</td>
<td>516.0</td>
<td>76.2</td>
<td>15</td>
</tr>
<tr>
<td>Average weaning weight</td>
<td>522.0</td>
<td>529.7</td>
<td>71.4</td>
<td>14</td>
</tr>
<tr>
<td>Pounds weaned per exposed female</td>
<td>429.3</td>
<td>418.1</td>
<td>81.9</td>
<td>19</td>
</tr>
</tbody>
</table>

## Other Physical Performance Measures

- Raised feed acres per exposed female: 0.3
- Grazing feed acres per exposed female: 22.0
- Pounds weaned per acre utilized by the cow-calf enterprise: 48.4

## Pay Weight Prices Per Cwt.

- Weaned calf pay weight price - steers/bulls: $91.11
- Weaned calf pay weight price - heifers: 86.04
- Weaned calf pay weight price - weighted average: 88.61

## Financial Measures

### Investment and Returns (ROA)

- Total Investment Per Breeding Cow - cost basis: $2,773
- Percent Return on Assets - cost basis: 0.69 %
- Total Investment Per Breeding Cow - market value: $4,450
- Percent Return on Assets - market value: 0.17 %

### Financial Performance

- Raised/Purchased Feed Cost per cow: $89.90
- Grazing Cost per cow: 88.00
- Total Cost Before Noncalf Revenue Adjustment per cow: 458.06
- Total Cost Before Noncalf Revenue Adjustment per cwt: 108.98
- Total Cost Noncalf Revenue Adjusted per cow: 420.14
- Total Cost Noncalf Revenue Adjusted per cwt - Unit Cost: 99.80
- Net Income After Withdrawals per cow: -32.60
- Net Income After Withdrawals per cow: -124.39

### Economic Performance

- Total Cost Noncalf Revenue Adjusted per cow: $511.92
- Total Cost Noncalf Revenue Adjusted per cwt - Unit Cost: 121.03
- Net Income After Withdrawals per cow: -124.39
- Net Income After Withdrawals per cwt: -31.91

*Based on pregnancy tested herds. **Weighted averages are calculated on number of breeding cows. ***Standard deviation measures variability; 68% of the herds fall within one standard deviation (+/-) of the average. ****Coefficient of Variation is the standard deviation expressed as a % of the average. *****Measures are calculated on a pretax basis.