

## Graph Overview for Net Slaughter Movement of Cows and Bulls

The graphs for Net Slaughter Movement of Cows and Bulls on the “National Weekly Cow and Boneless Beef Summary” report were built to demonstrate the net slaughter movement from area to area. The graphs provide data users a visual of the movement, creating an illustration of how the influx of cattle changes over a length of time, especially during periods of adverse weather, higher or lower transportation costs, etc. The current display contains two data lines; one for the current year and one for the previous year.

To track cow and bull movement, we have separated the United States into three areas: Northwest, Southwest, and East. Below is a list of the states in each area.

Northwest: IA, ID, KY, MN, MT, ND, NE, OR, SD, WA

Southwest: AR, AZ, CA, CO, KS, LA, MO, NM, NV, OK, TX, UT

East: AL, CT, DE, FL, GA, IL, IN, KY, MA, MD, ME, MI, MS, NC, NH, NJ, NY, OH, PA, RI, SC, TN, VA, VT, WI, WV

### Sample Calculations—

#### **Sample with a positive Net Movement—**

NW area to East area:

To calculate Net Movement, take the movement (head count) from NW Origin and East Harvest minus the inverse (East Origin and NW Harvest). If positive, there are more cattle moving from the NW area to the East area for harvest; if negative, more cattle are moving from the East area to the NW area for harvest.

NW Origin and East Harvest:	1,152
East Origin and NW Harvest:	<u>- 557</u>
Net Movement:	595

The net movement is 595 head of cows and bulls, meaning there are 595 more head of cows and bulls moving from NW area to East area for harvest.

#### **Sample with a negative Net Movement—**

SW area to NW area:

SW Origin and NW Harvest:	1,691
NW Origin and SW Harvest:	<u>- 2,002</u>
Net Movement:	-311

The net movement is -311 head of cows and bulls, meaning there are 311 more head of cows and bulls moving from the NW area to SW area for harvest.

*To protect the confidentiality of reporting firms, only net movement of cows and bulls across areas is published.*