

Factors Affecting Credit Availability

Regulatory Agricultural BMPs Required As Part Of Trading Baseline

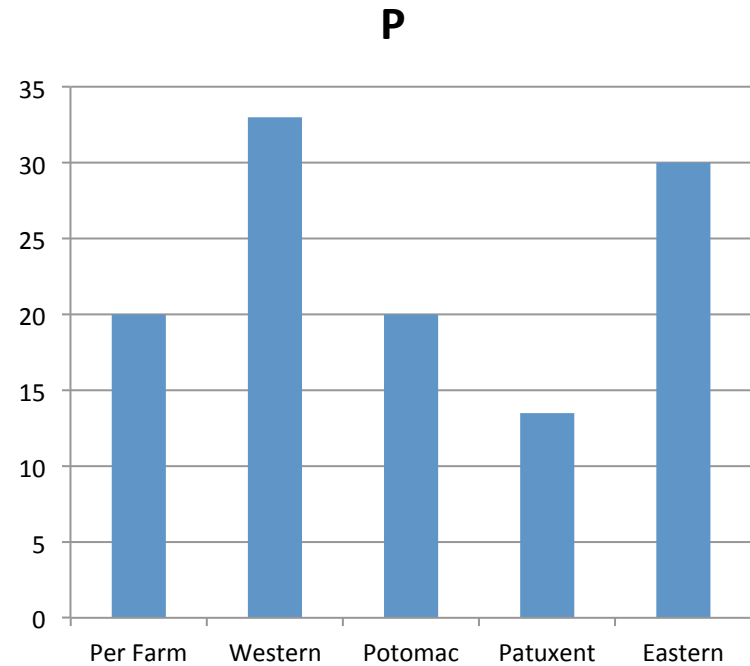
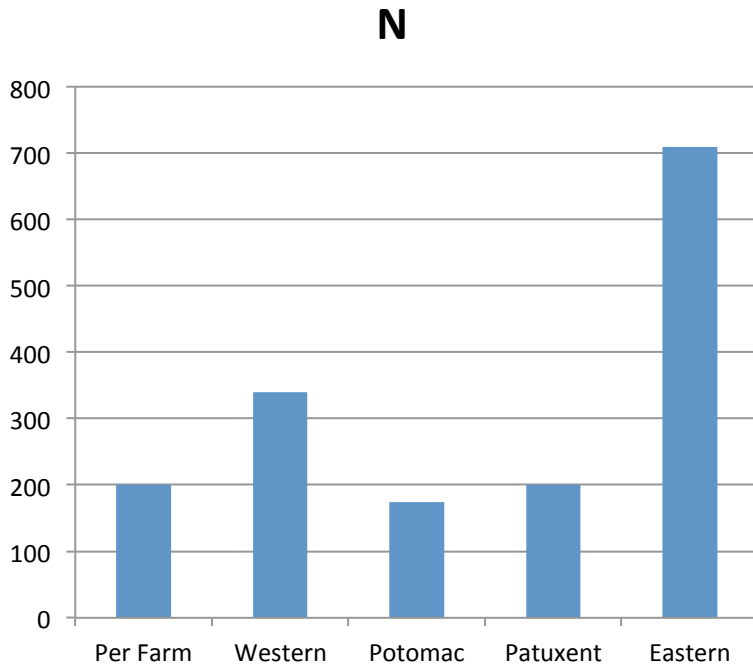
- Animal Waste Management Systems
- Nutrient Management Plans
- Soil Conservation Plans
- Grass Buffers
- Mortality Composters
- Nursery/Greenhouse Runoff Capture
- Off Stream Watering w/o Fencing*
- Stream Access Control with Fencing*
- Dairy Manure Incorporation*
- Poultry Litter Incorporation*
- Poultry Heavy Use Area Concrete Pads
- Poultry Phytase

* New Maryland Nutrient Management Regulations

- EPA Region III Technical Memorandum on Uncertainty of Trades requires a 2 to 1 ratio for any trades from nonpoint sources

| County | # of Farms | # of Fields | Field Acres | % of County Total Acres | % Meeting Baseline | Average Credits Per Farm | | Credit Type | | | | | |
|-----------------|------------|--------------|---------------|-------------------------|--------------------|--------------------------|-----------|-------------|-----------|------------|-----------|-----------|------------|
| | | | | | | N | P | Existing | | | New | | |
| | | | | | | | | S | L | T | S | L | T |
| Allegany | | | | | | | | | | | | | |
| Anne Arundel | 1 | 15 | 155 | 0.5 | | 75 | 8 | 1 | 2 | 1 | 3 | 1 | 1 |
| Baltimore | 12 | 68 | 475 | 0.7 | 82 | 210 | 18 | 1 | 2 | 9 | 3 | 2 | 4 |
| Calvert | 1 | 20 | 230 | 0.9 | | 171 | 5 | | 1 | 1 | | 2 | 1 |
| Caroline | 3 | 26 | 885 | 0.7 | 47 | | | | | | | | |
| Carroll | 4 | 8 | 119 | 0.1 | | 340 | 33 | | 1 | 1 | | 1 | 1 |
| Cecil | 1 | 34 | 461 | 0.5 | 48 | 455 | 26 | | 2 | 1 | | 3 | 2 |
| Charles | 2 | 23 | 367 | 0.8 | | 561 | 41 | | 2 | 1 | | 3 | |
| Dorchester | 4 | 15 | 310 | 0.2 | 51 | | | | | | | | |
| Frederick | 1 | 9 | 75 | 0.0 | | 140 | 11 | | | | | 1 | |
| Garrett | | | | | | | | | | | | | |
| Harford | | | | | | | | | | | | | |
| Howard | 54 | 474 | 6,258 | 21.3 | 81 | 53 | | 56 | | 225 | 8 | | 51 |
| Kent | 13 | 385 | 6,427 | 5.1 | 75 | 850 | 28 | 2 | 18 | 26 | 1 | 1 | 28 |
| Montgomery | | | | | | | | | | | | | |
| Prince George's | 1 | 7 | 25 | 0.1 | | 35 | | | | | | | 2 |
| Queen Anne's | 8 | 180 | 7,760 | 4.2 | 85 | 624 | 34 | 6 | 16 | 65 | 1 | 2 | 13 |
| St. Mary's | | | | | | | | | | | | | |
| Somerset | 4 | 60 | 377 | 0.6 | 46 | | | | | | | | |
| Talbot | 7 | 23 | 612 | 0.6 | 49 | | | | | | | | |
| Washington | 28 | 280 | 3,560 | 3.1 | 86 | 175 | 20 | | | 25 | | 1 | 10 |
| Wicomico | 3 | 17 | 236 | 0.3 | 63 | 17 | 2 | | | 3 | | | 7 |
| Worcester | 2 | 19 | 250 | 0.2 | 56 | 23 | 2 | | | 1 | | | 2 |
| Total | 149 | 1,663 | 28,582 | 2.2 | 64 | 266 | 19 | 66 | 44 | 359 | 16 | 17 | 122 |

Average Credits Generated Per Farm & Region



Per Acre

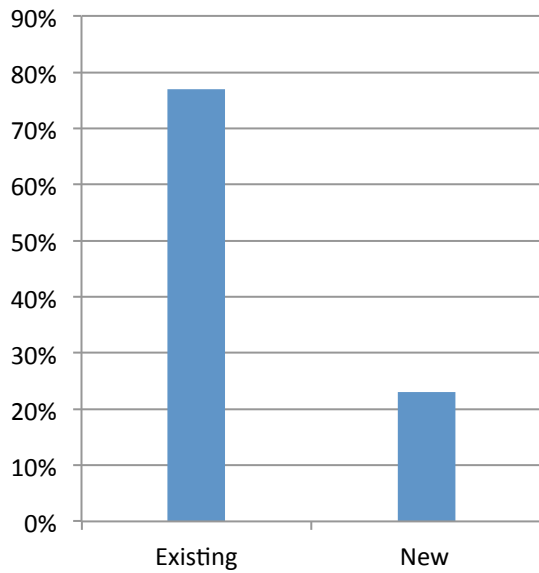
Credits:

N = 0.86 lbs/ac

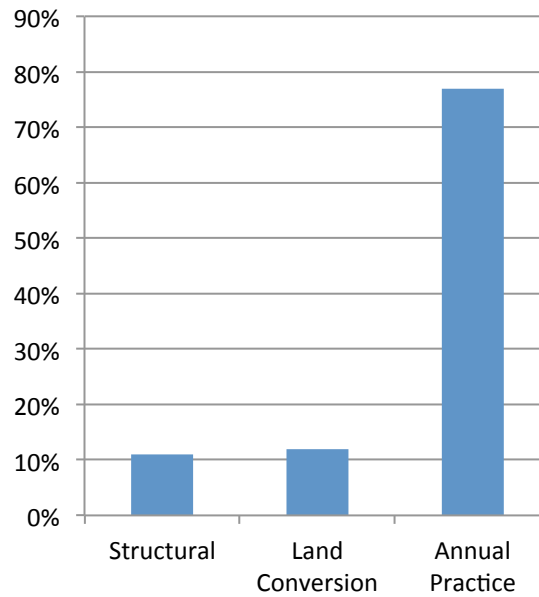
P = 0.08 lbs/ac

Types of Credits Generated

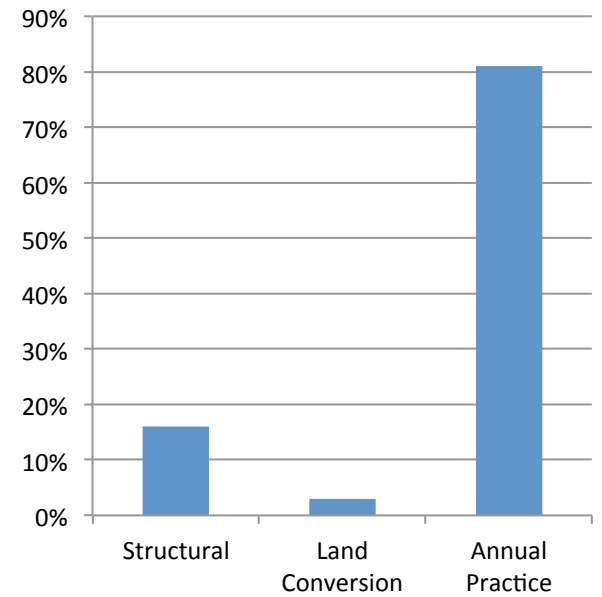
Existing Practices vs. New Practices



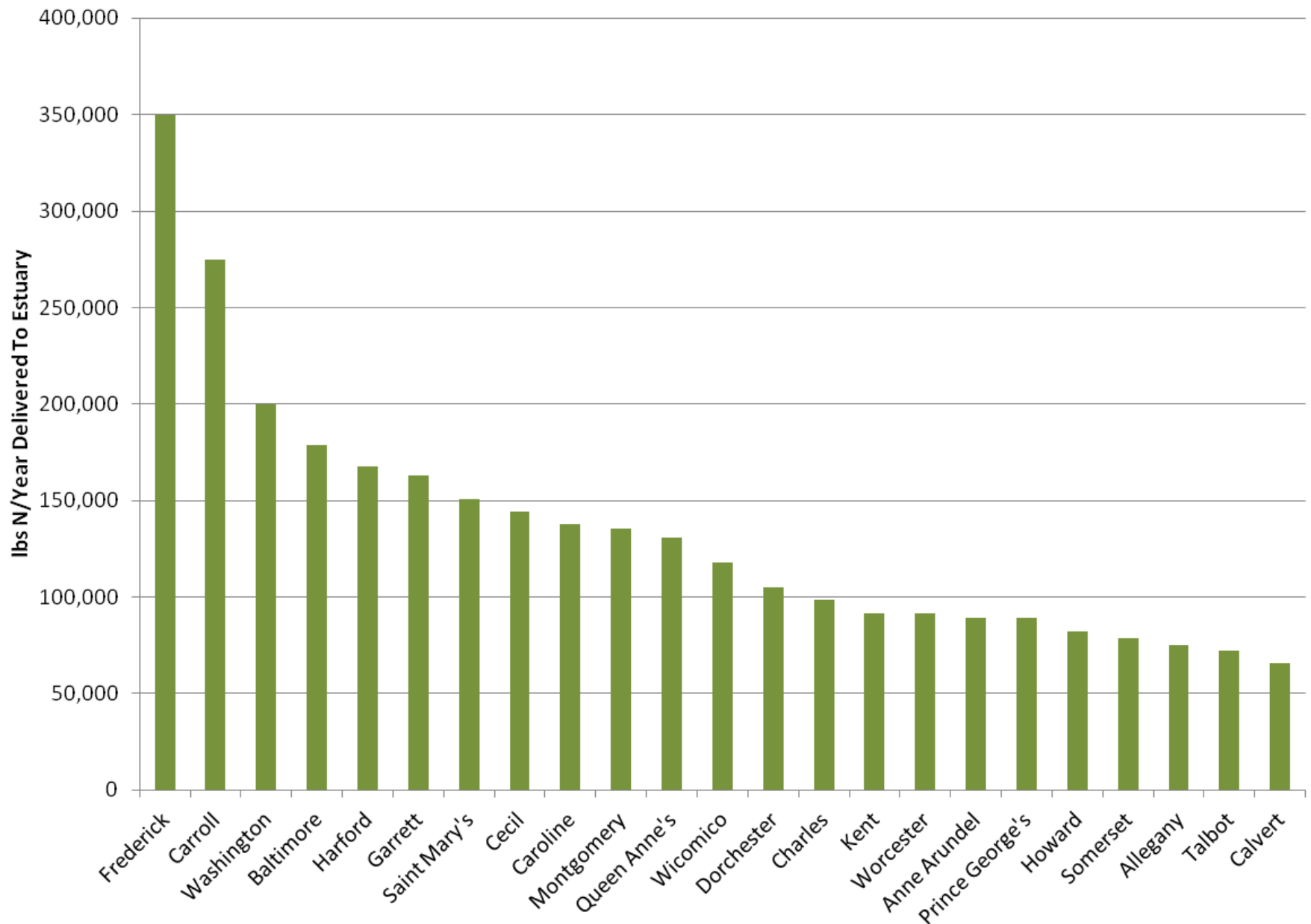
Existing Practice Types



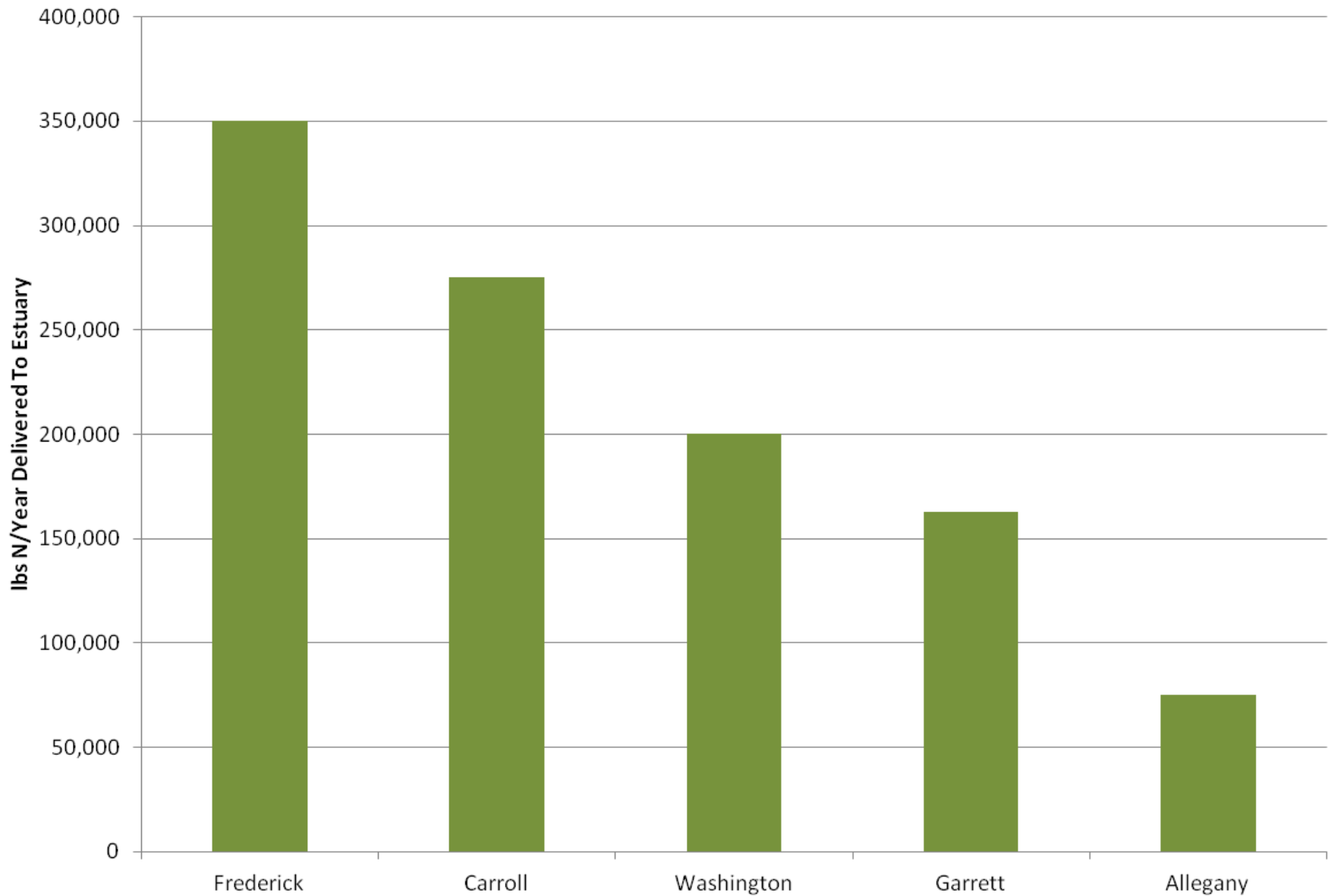
New Practice Types



A Possible Agricultural Credit Generation - MDA Extrapolation

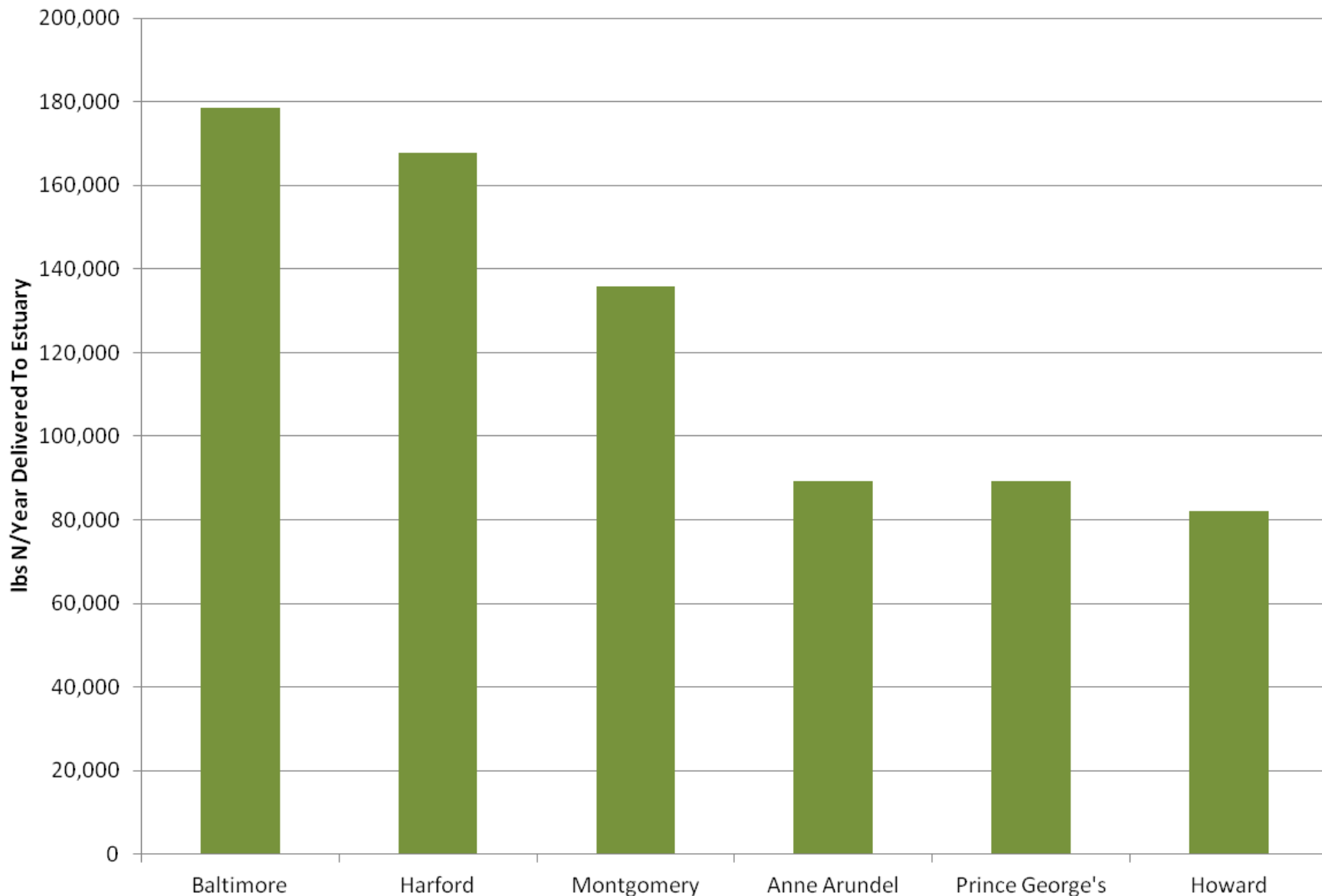


A Possible Agricultural Credit Generation - MDA Extrapolation Western MD Ag Sector



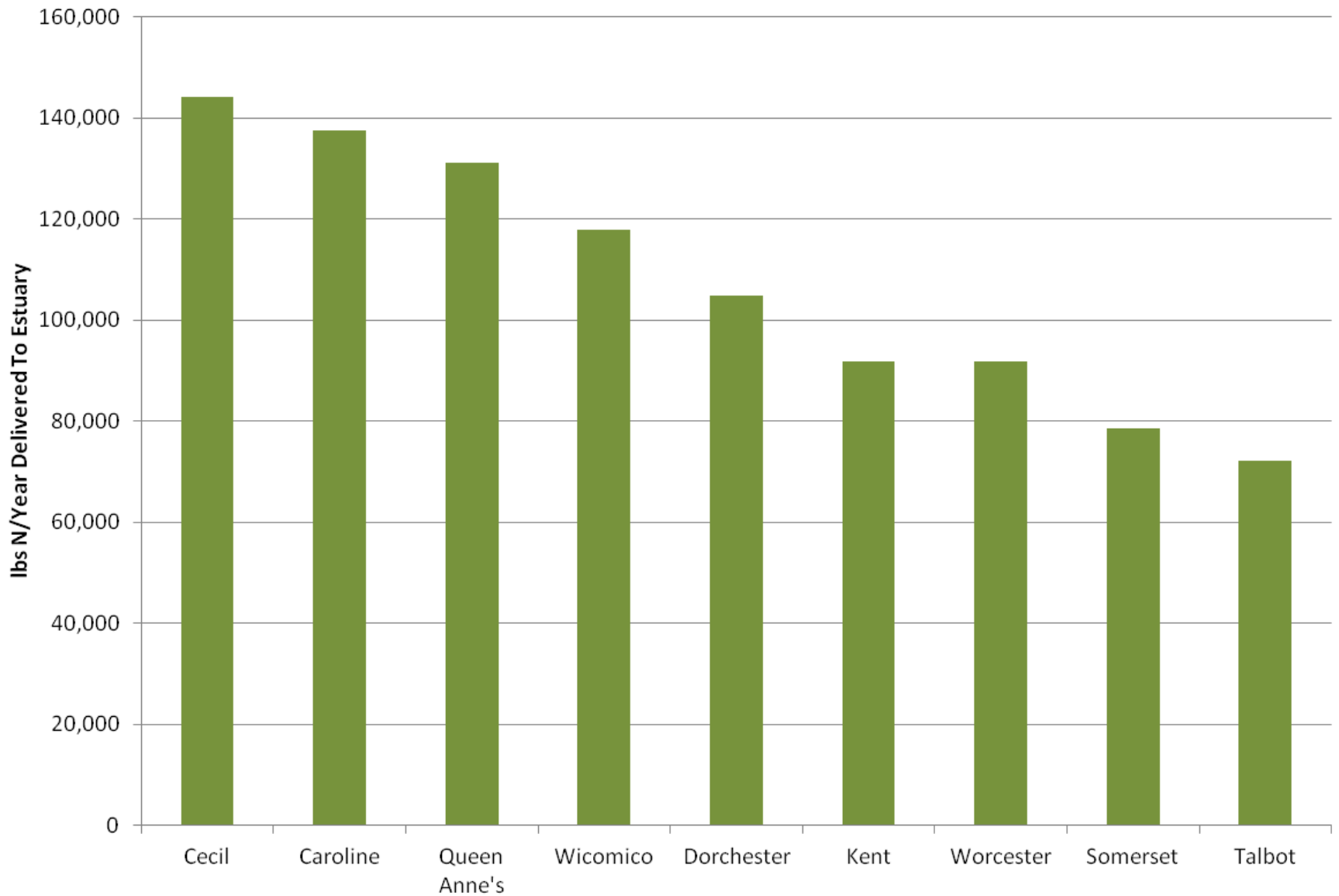
A Possible Agricultural Credit Generation - MDA Extrapolation

Central MD Ag Sector



A Possible Agricultural Credit Generation - MDA Extrapolation

Eastern MD Ag Sector



A Possible Agricultural Credit Generation - MDA Extrapolation

Southern MD Ag Sector

