

Factors Affecting Credit Availability

Regulatory Agricultural BMPs Required As Part Of Trading Baseline

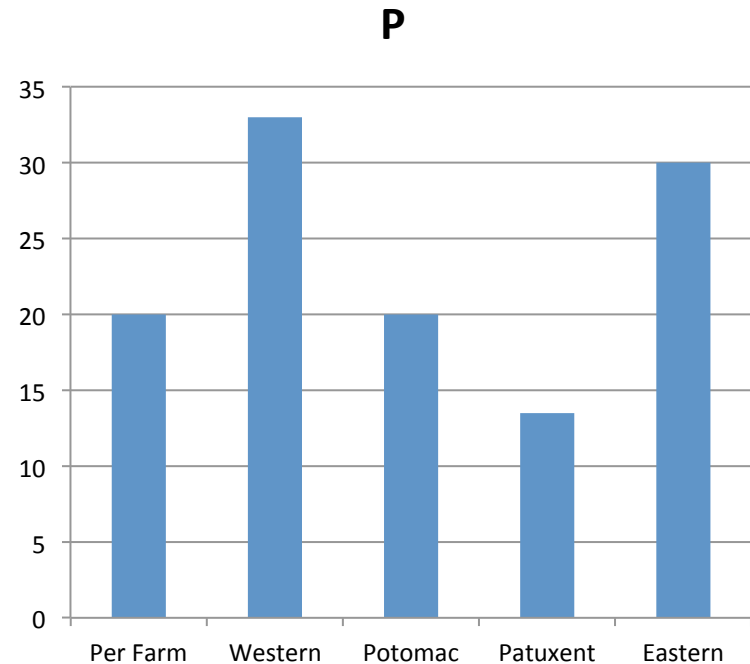
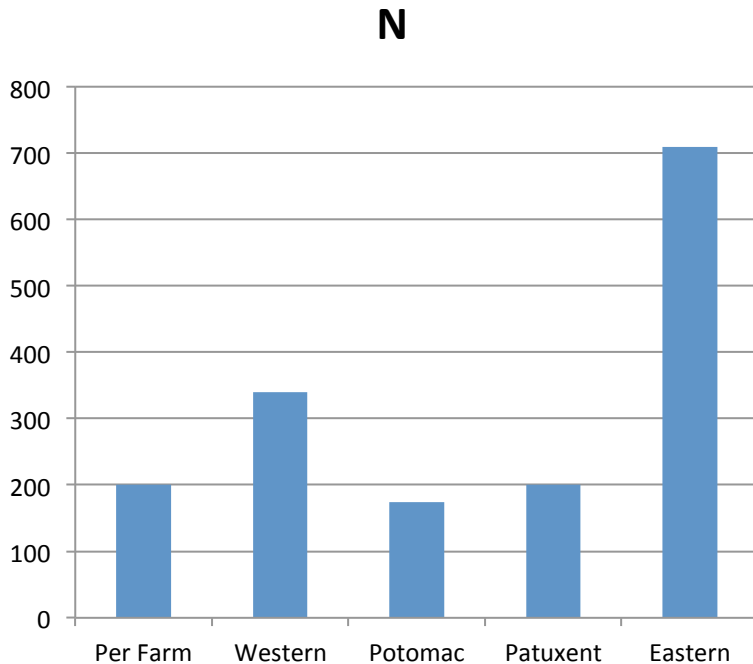
- Animal Waste Management Systems
- Nutrient Management Plans
- Soil Conservation Plans
- Grass Buffers
- Mortality Composters
- Nursery/Greenhouse Runoff Capture
- Off Stream Watering w/o Fencing*
- Stream Access Control with Fencing*
- Dairy Manure Incorporation*
- Poultry Litter Incorporation*
- Poultry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

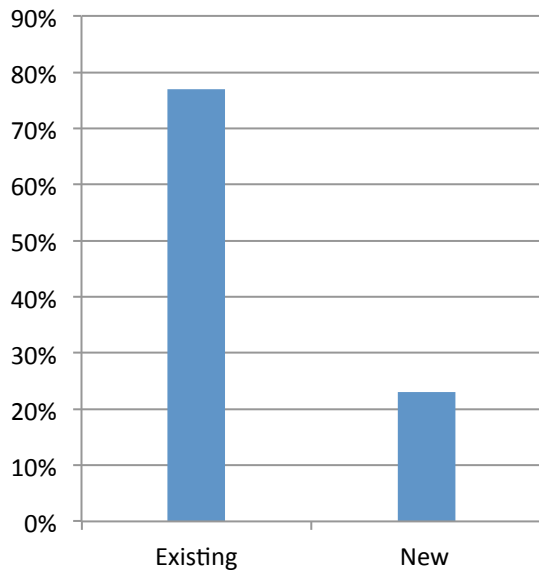
Credits:

N = 0.86 lbs/ac

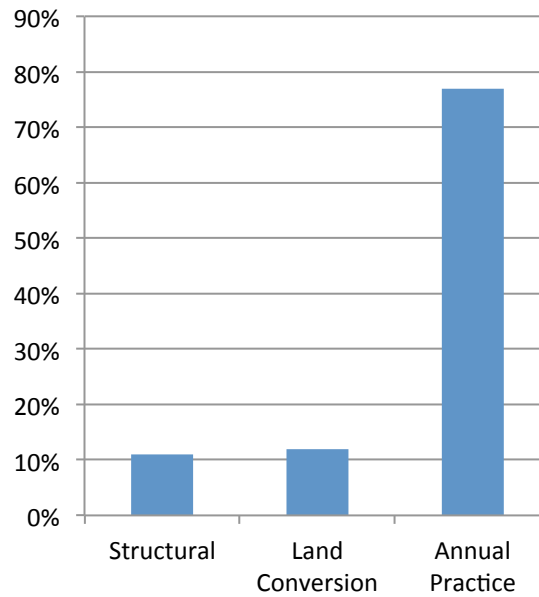
P = 0.08 lbs/ac

Types of Credits Generated

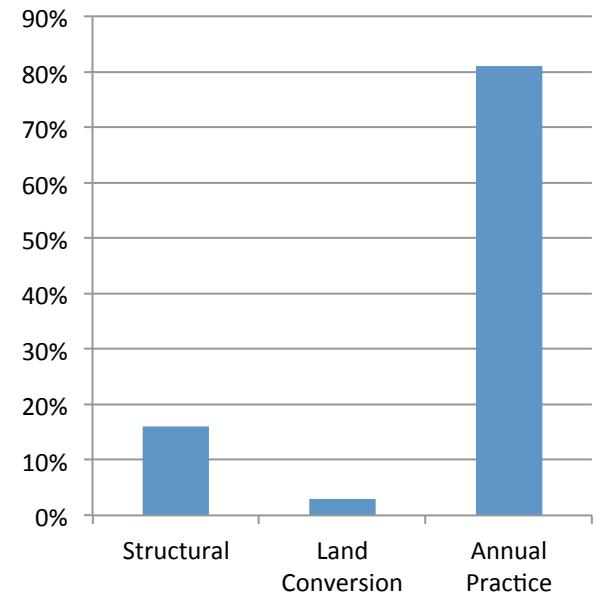
Existing Practices vs. New Practices



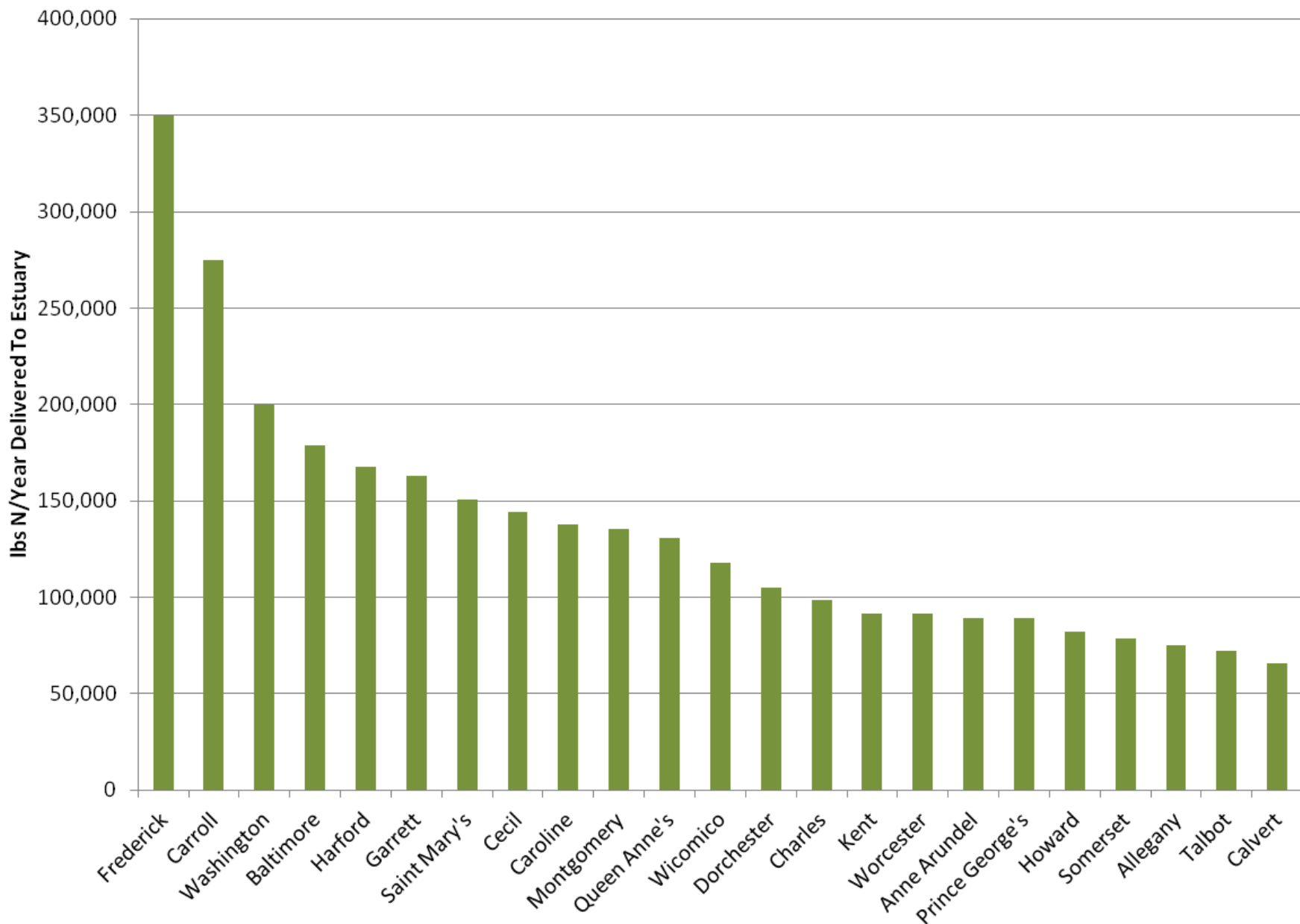
Existing Practice Types



New Practice Types

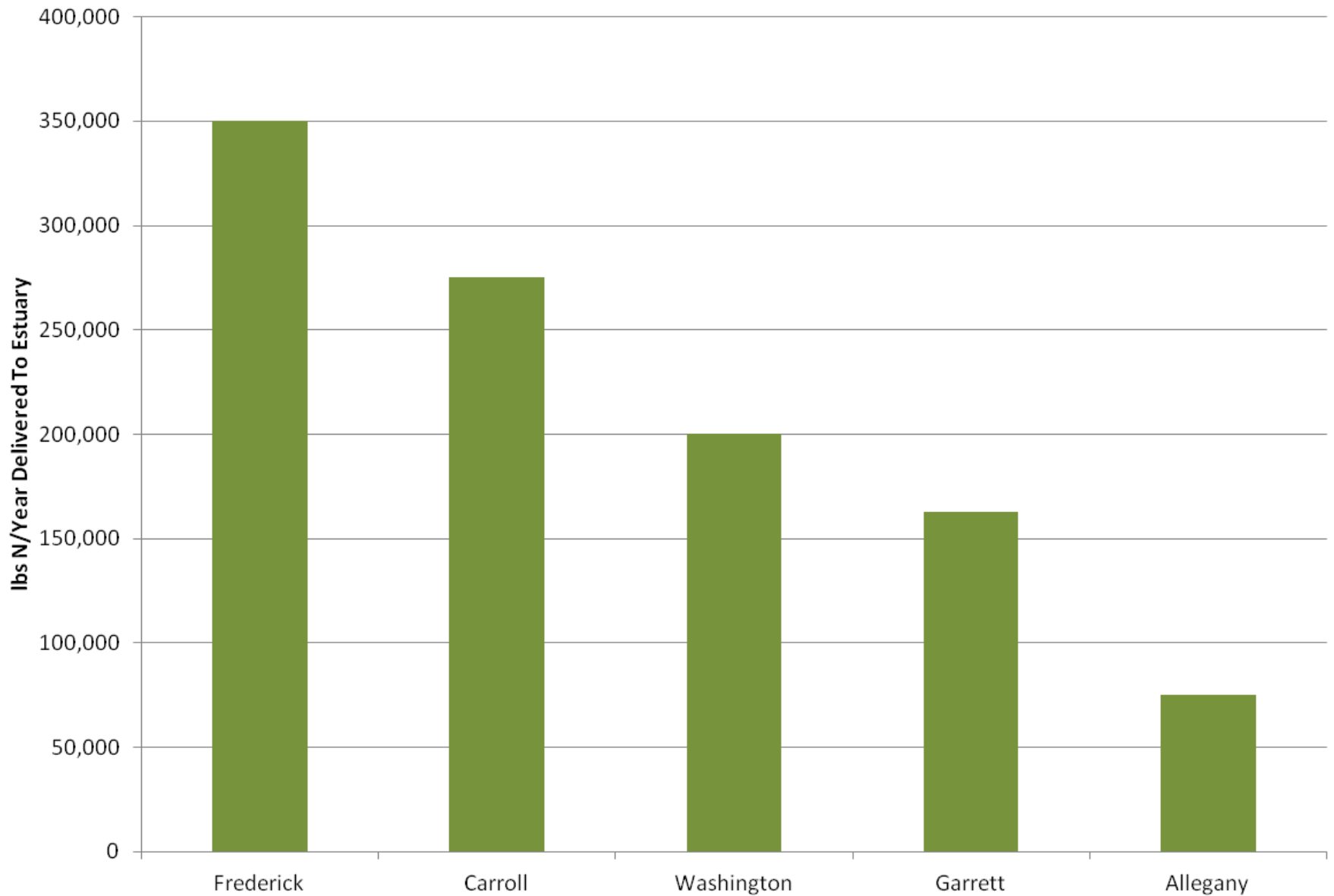


A Possible Agricultural Credit Generation - MDA Extrapolation



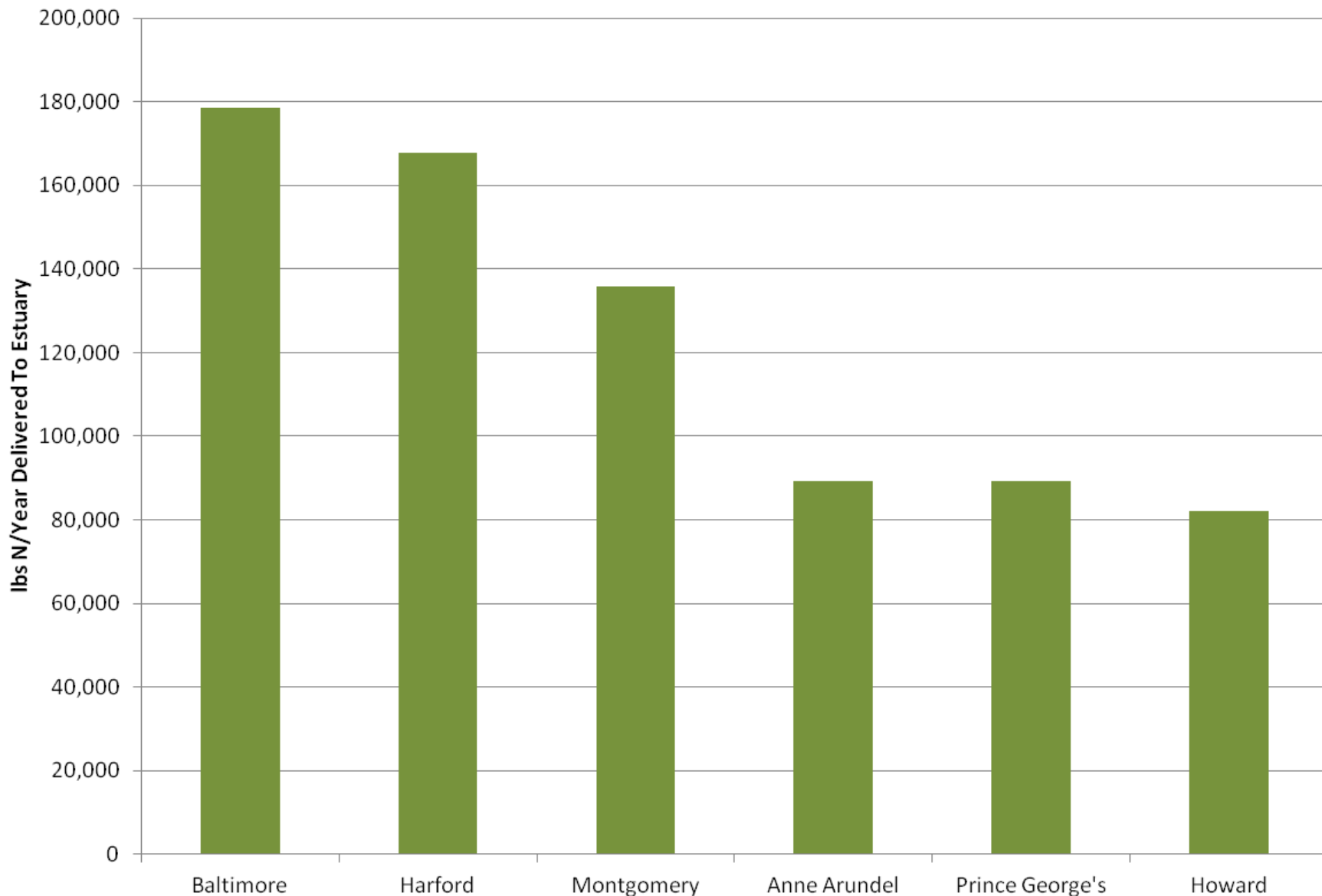
A Possible Agricultural Credit Generation - MDA Extrapolation

Western MD Ag Sector



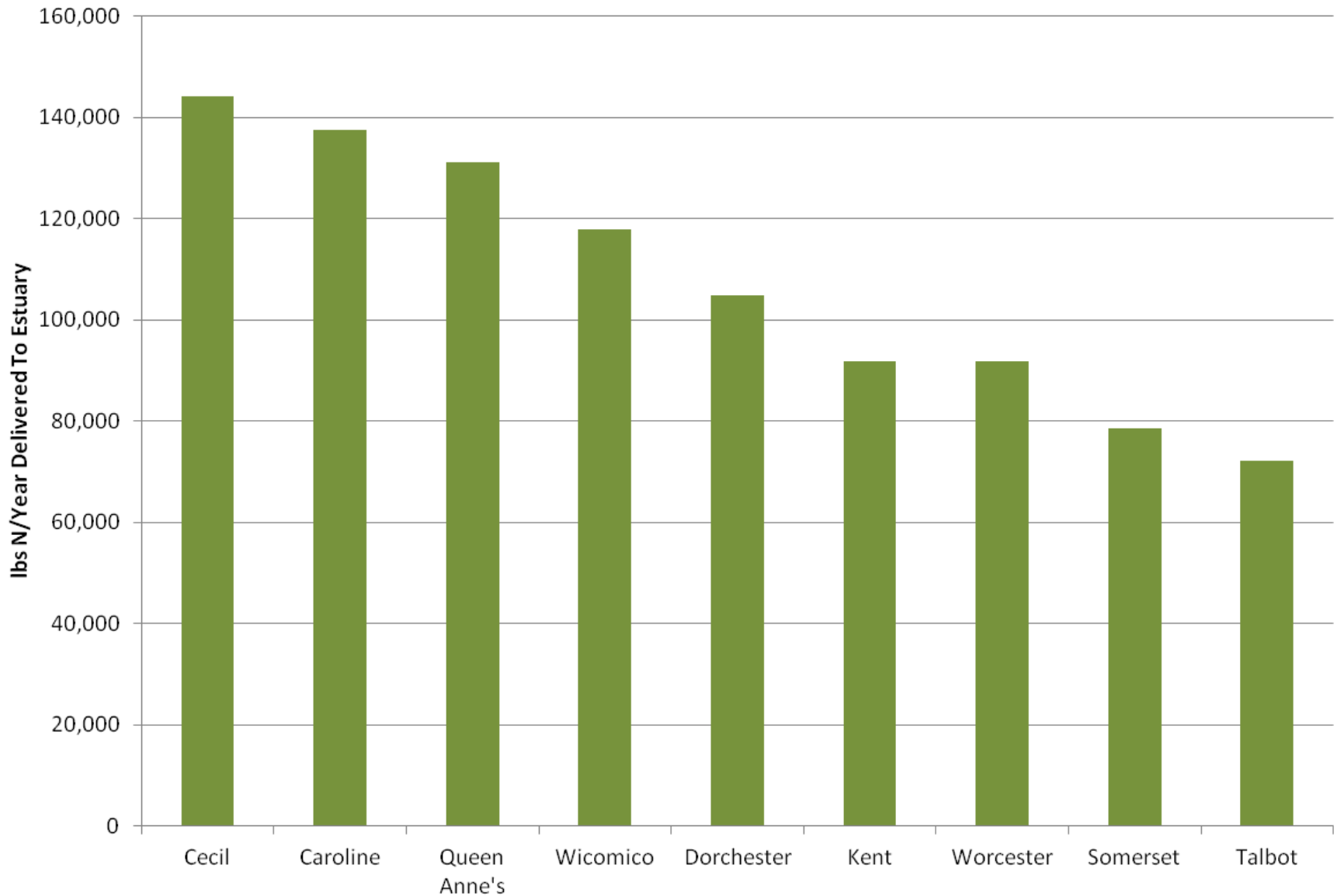
A Possible Agricultural Credit Generation - MDA Extrapolation

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

