

Agriculture in Education

Formal Public Education



Breakdown of Agriculture in Education High School

Schools with Ag Ed Programs- 43

Statewide Total Ag Educators- 74

Statewide total Enrollment*- 4,561 students

In addition to High School → Hereford Middle School supports an Ag program that cycles ~800 students per year

*current numbers as of 10/19/11



Ag Program- breakdown by county- 2011

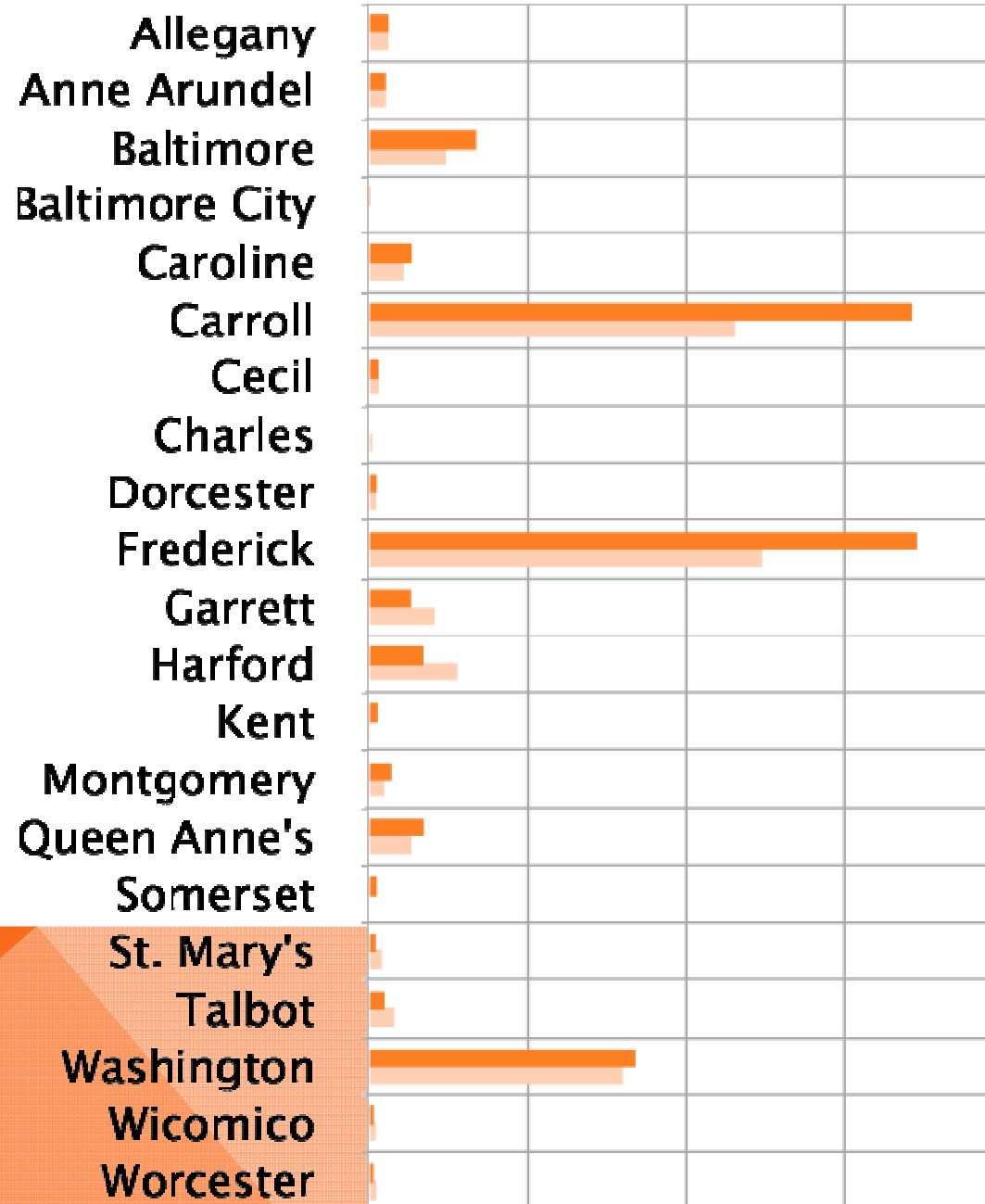
County	Number of Students	Number of Schools
Allegany	63	1
Anne Arundel	55	2
Baltimore	241	2
Caroline	111	1
Carroll	1152	9
Cecil	33	1
Charles	11	1
Dorchester	23	1
Frederick	1236	9
Garrett	206	2
Harford	277	2
Kent	3	1
Montgomery	50	2
Queen Anne's	134	1
St. Mary's	43	1
Talbot	80	1
Washington	797	4
Wicomico	22	1
Worcester	24	1





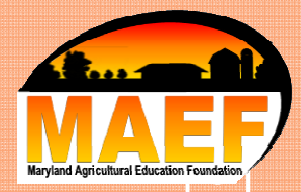
Ag Program- breakdown by county- trend

County	Number of Students- 2007		Number of Students- 2011
Allegany	49	↑	63
Anne Arundel	0		55
Baltimore	342	↓	241
Baltimore City	3		unreported
Caroline	135	↓	111
Carroll	1709	↓	1152
Cecil	32	↑	33
Charles	0		11
Dorchester	25	↓	23
Frederick	1724	↓	1236
Garrett	133	↑	206
Harford	173	↓	277
Kent	28	↓	3
Montgomery	72	↓	50
Queen Anne's	174	↓	134
Somerset	25		0
St. Mary's	22	↑	43
Talbot	51	↑	80
Washington	843	↓	797
Wicomico	16	↑	22
Worcester	15	↑	24



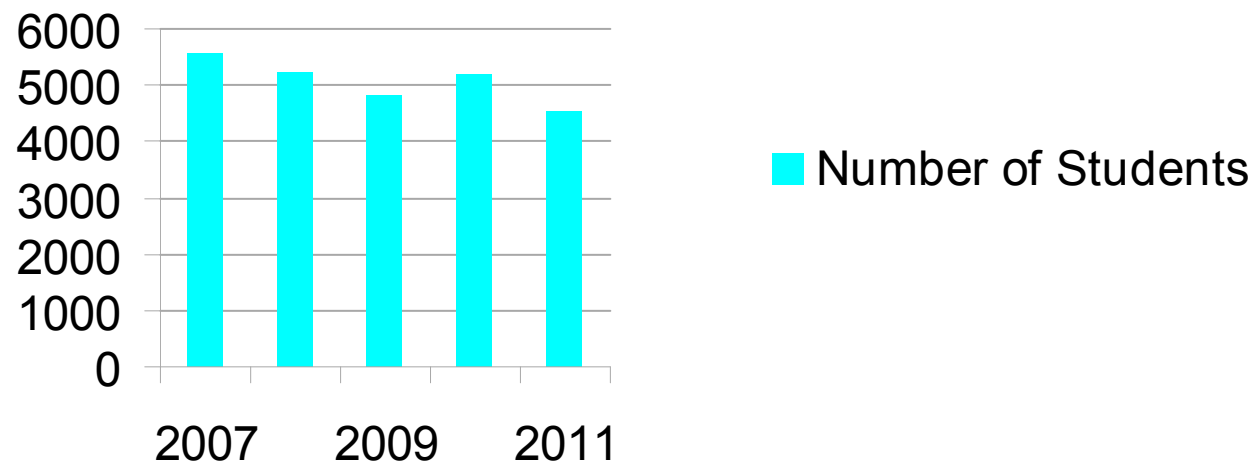


 2007
 Number of
 Students
 2011
 Number of
 Students



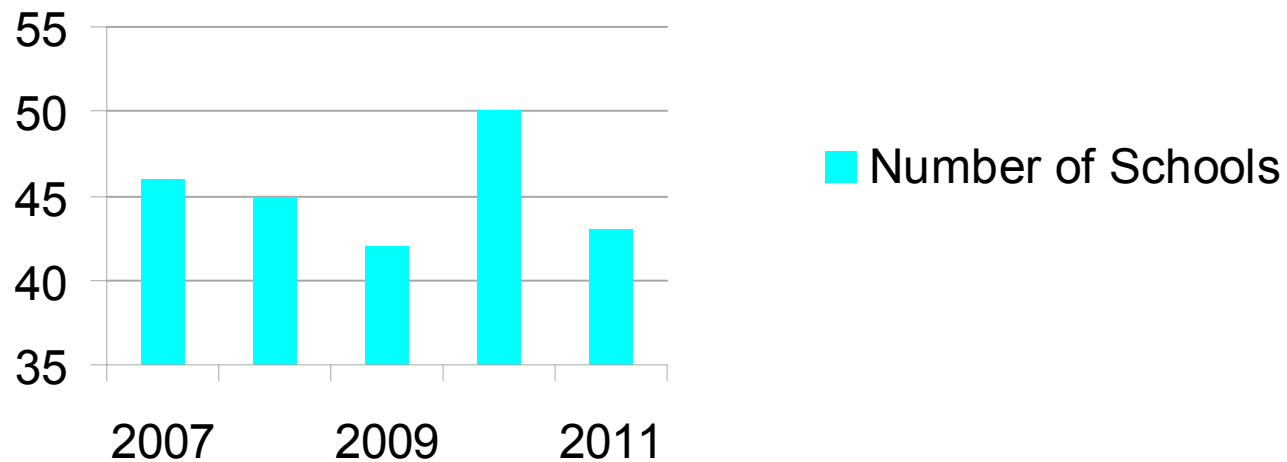
General trend of students and schools over last five years

Number of Students



General trend of students and schools over last five years

Number of Schools



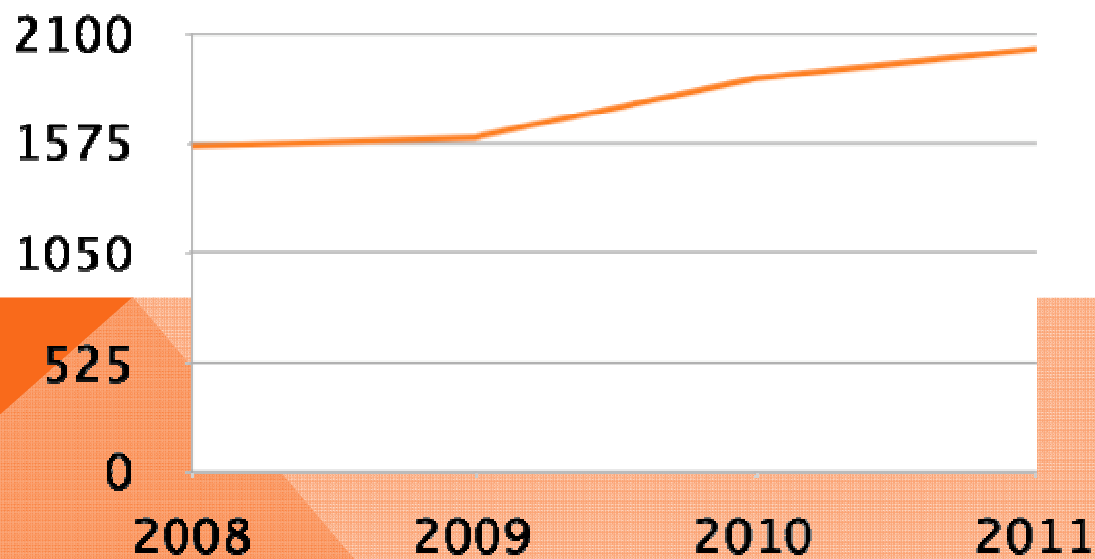
FFA



Total FFA Members:

2011	2029
2010	1890
2009	1603
2008	1560

Series 1



— Series 1



Curriculum for Agricultural Sciences Education- CASE

Total Schools using CASE is currently 18.

Below is the year each school started CASE:

2011: WEB Debois/Great Kids Farm, Dorchester CTC, Caroline CTC, Benjamin Franklin at Mason Cove, Manchester Valley, Century, Francis Scott Key, South Carroll, Winters Mill, Queen Anne's – TOTAL - 10

2010: Westminster, Smithsburg, Southern – TOTAL - 3

2009: North Carroll, Easton, Hereford, Kent – TOTAL - 4



Universities & Community Colleges

Horticulture

- CCBC – Dundalk
- Cecil College (Continuing Education)
- Montgomery College
- Worwic Tech
- Allegany Community College
- Chesapeake College – starting a program soon

Environmental Science

- CCBC – Catonsville
- Towson University
- UMBC

Agriculture

- UM - Eastern Shore
- UM – College Park



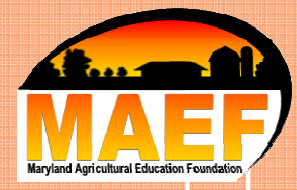
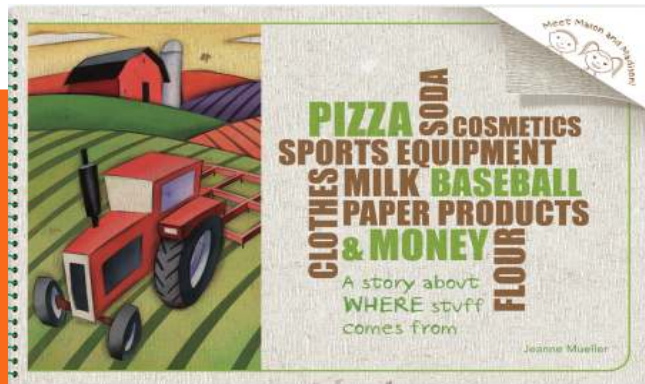
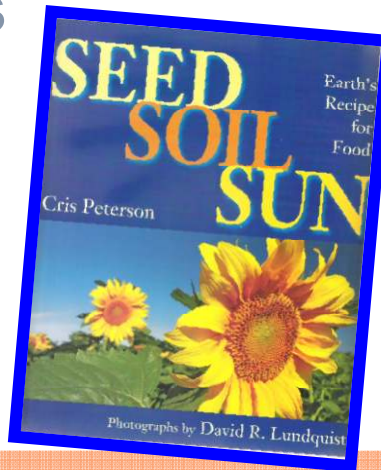
MAEF Programs – Elementary Education



Mobile Science Labs



Ag in the Classroom



MAEF programs – Ag Returns to the City

MAEF's Urban Programs consist of the following:

- On site classroom activities for pre K – 12
- Hands-on ag related teacher workshops
- Community and school gardens
- Development of resources and lessons
- Pre-service college ag related workshops
- Community Outreach
- Pre-service Teacher Training



MAEF Programs – Middle School

Informal Educator Trainings

- Facilitator's Training Programs
- Career Activities
- Extension
- Master Gardener Program
- Workshops
 - **Leopold Education Project**
 - **Project Learning Tree**
 - **Wet and Wild Curriculum**



MAEF Reaches Out to the Public

MAEF's mission is "to promote the understanding and appreciation of agriculture in our daily lives." In fulfilling that mission, MAEF reaches out to these groups:

- Community Ruritans
- Optimist's Clubs
- Lion's Clubs
- Farm Bureaus
- Presentations at Teacher Conferences
- Independent Schools
- Maryland Association for Environmental and Outdoor Education (MAEOE)



MAEF – Informal Education



Agricultural Showcase



Ag on the Moo-ve

