

# Summary of the 2010 Graduate Survey

## By FCAE Staff

### Where are Agricultural/Horticultural Students after High School Graduation?

Since 1996, the FCAE Staff has collected data from Agriculture/Horticulture teachers regarding high school seniors who were enrolled in at least one Agriculture/Horticulture course during their high school career. Agriculture/Horticulture teachers, with help from guidance counselors, are instrumental in providing this data through the annual graduate survey.

Over 12,386 students were reported through the agricultural education graduate survey. This an increase of 3% over students reported last year. In 2010, 94% (299 of 318) of the schools statewide with Agriculture/Horticulture programs submitted data.

Noteworthy observations and trends are listed below with detailed data included on the following graphs.

- 63% of the students reported (7,769 of 12,386) have enrolled in programs of study at post-secondary institutions. This is a 2% increase from 2009.
- 72% of the high school agricultural education students enrolled in post-secondary education (5,576 of 7,769) chose to continue their education at a community college; substantiating that high school Career and Technical Education (CTE) programs are key components in community college enrollment. A 1% increase for this percentage.
- 21% of agricultural education students reporting (1,593 of 7,769) are entering an agricultural/horticultural major of study. No change from 2009.
- 4% of the high school agricultural education graduates with an agricultural/horticultural major (62 of 1,533) expressed interest in pursuing a career in Agricultural Education. A 1.2 % increase from 2008.
- Increased enrollment in Agricultural Education Teacher Certification Programs continues to be a necessity for the future of agriculture education and the agriculture industry. Quality Agricultural Education teachers are still needed with an average of 7 retirements, 5 new programs, and 55 vacancies per year since 2000.
- 55% of the agriculture graduates that expressed interest in agricultural education (34 of 62) are beginning their post-secondary education through community colleges or technical schools. A 2% decrease from 2008.
- 37% of agricultural education graduates are entering directly into the workforce (4,617 of 12,386); showing a continued need for workforce preparation. This is a 2% decrease from 2009.
- 1.3% of agriculture graduates (168 of 12,386) are going directly into farming; verifying the training in agricultural education programs is not strictly for farming. A small increase of .4% from 2009.

# 2010 Graduate Survey Data by IAVAT District

*Where are Illinois' High School Agricultural/Horticultural Students after Graduation?*

		DIST. I	DIST. II	DIST. III	DIST. IV	DIST. V	TOTALS
Total Schools Reporting		55	56	57	62	69	299
Total Students Reporting		2373	3144	2110	2136	2623	12386
Total Students Entering Post-Secondary Education		1536	2071	1263	1350	1549	7769

## Graduates Entering the Workforce

		DIST. I	DIST. II	DIST. III	DIST. IV	DIST. V	TOTALS
Agribusiness		48	33	53	43	46	223
Horticulture		9	47	7	17	7	87
Farming		32	39	35	33	29	168
Military		76	86	108	94	113	477
Employed Outside Ag/Hort		672	868	644	599	879	3662
Total		837	1073	847	786	1074	4617

## Institution Selected by Agricultural/Horticultural Majors

		DIST. I	DIST. II	DIST. III	DIST. IV	DIST. V	TOTALS
Community College		246	219	204	270	275	1214
University		71	122	74	68	44	379
Total		317	341	278	338	319	1593

## Institution Selected by Non-Agricultural/Horticultural Majors

		DIST. I	DIST. II	DIST. III	DIST. IV	DIST. V	TOTALS
Community College		855	1113	643	743	1008	4362
University		364	617	342	269	222	1814
Total		1219	1730	985	1012	1230	6176

## Graduates Interested in Agricultural Education

		DIST. I	DIST. II	DIST. III	DIST. IV	DIST. V	TOTALS
Community College		3	6	2	5	7	23
University		4	5	2	5	4	20
Total		7	11	4	10	11	43

Data Reported by Illinois High School Agricultural/Horticultural teachers regarding 12,386 2010 High School graduates who have taken one or more Agriculture Education courses.

# Summary of Annual Totals

## *Where are Illinois' High School Agricultural/Horticultural Students after Graduation?*

		2003	2004	2005	2006	2007	2008	2009	2010
<b>Total Schools Reporting</b>		264	295	298	293	309	306	295	299
<b>Total Students Reporting</b>		4653	5447	5344	6092	8810	11235	11987	12386

		2003	2004	2005	2006	2007	2008	2009	2010
<b>Agribusiness</b>		183	170	162	147	217	23	240	223
<b>Horticulture</b>		27	31	33	39	51	73	55	87
<b>Farming</b>		67	89	78	100	117	119	118	168
<b>Military</b>		246	305	234	303	321	382	431	477
<b>Employed Outside Ag/Hort</b>		653	825	804	1257	2453	3459	3813	3662
<b>Total</b>		<b>1176</b>	<b>1418</b>	<b>1311</b>	<b>1846</b>	<b>3159</b>	<b>4266</b>	<b>4657</b>	<b>4617</b>

		2003	2004	2005	2006	2007	2008	2009	2010
<b>Ag/Hort Major</b>		970	1040	1027	1126	1425	1556	1533	1593
<b>Non-Ag/Hort Major</b>		2507	2989	3006	3120	4226	5413	5797	6176
<b>Total Students</b>		<b>3477</b>	<b>4029</b>	<b>4033</b>	<b>4246</b>	<b>5651</b>	<b>6969</b>	<b>7330</b>	<b>7769</b>

<b>Ag/Hort Major</b>		2003	2004	2005	2006	2007	2008	2009	2010
<b>Community College</b>		718	741	732	860	1083	1225	1166	1214
<b>University</b>		252	299	295	266	342	331	367	379
<b>Total</b>		<b>970</b>	<b>1040</b>	<b>1027</b>	<b>1126</b>	<b>1425</b>	<b>1556</b>	<b>1533</b>	<b>1593</b>

<b>Non-Ag/Hort Major</b>		2003	2004	2005	2006	2007	2008	2009	2010
<b>Community College</b>		1695	2126	2151	2168	2986	3803	4057	4362
<b>University</b>		812	863	855	952	1240	1610	1740	1814
<b>Total</b>		<b>2507</b>	<b>2989</b>	<b>3006</b>	<b>3120</b>	<b>4226</b>	<b>5413</b>	<b>5797</b>	<b>6176</b>

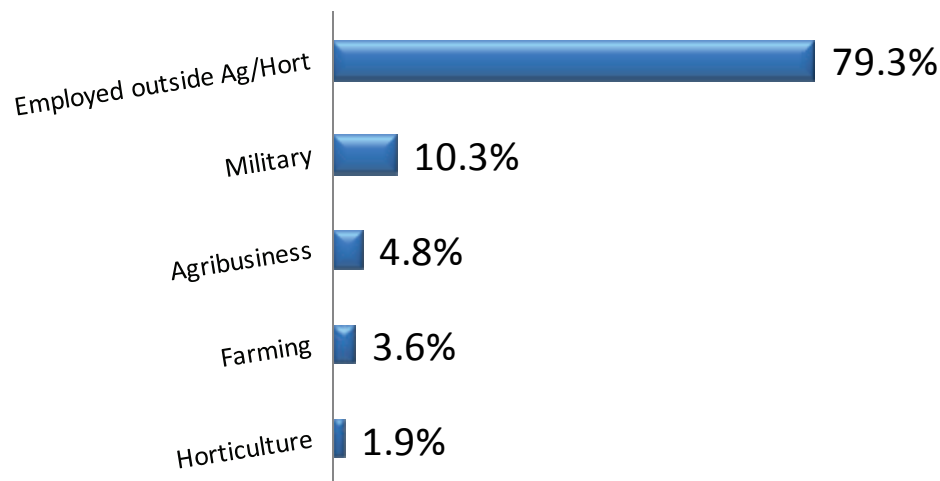
<b>Ag Ed Major</b>		2003	2004	2005	2006	2007	2008	2009	2010
<b>Community College</b>		29	35	31	58	26	25	34	23
<b>University</b>		16	15	12	26	21	19	28	20
<b>Total</b>		<b>45</b>	<b>50</b>	<b>43</b>	<b>84</b>	<b>47</b>	<b>44</b>	<b>62</b>	<b>43</b>

Data Reported by Illinois High School Agricultural/Horticultural teachers regarding 12,386 2010 High School graduates who have taken one or more Agriculture Education courses.

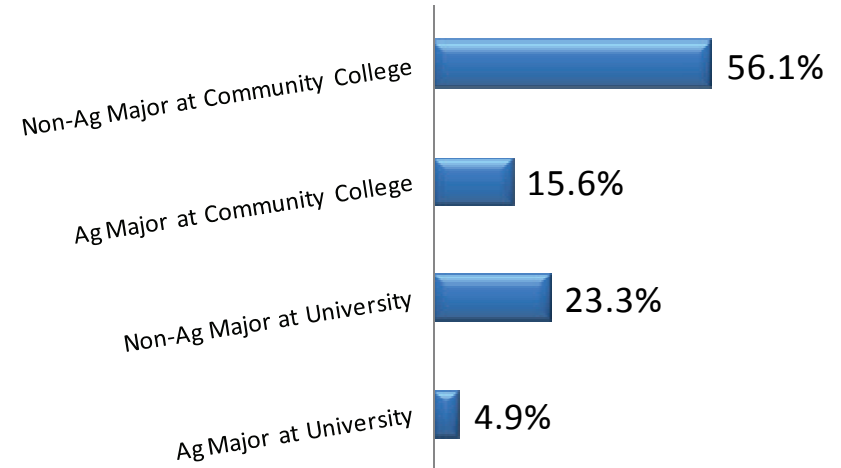
# Where are Agriculture/Horticulture Students After High School Graduation?



## Workforce Option



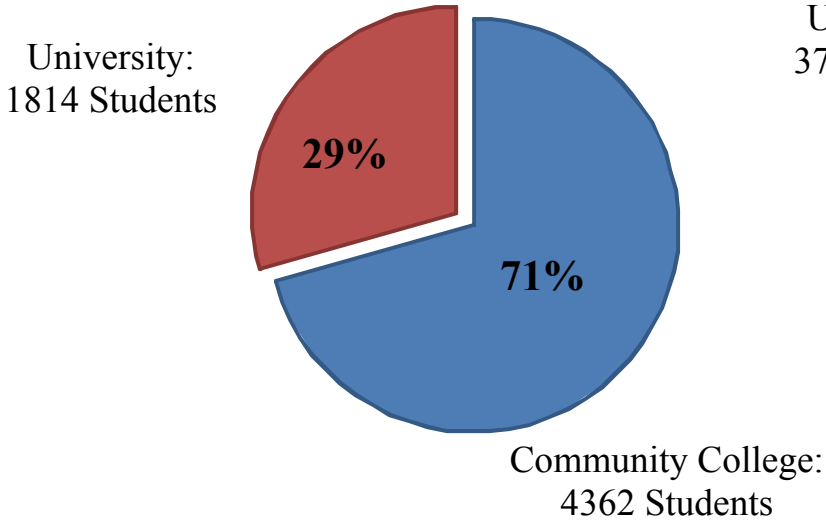
## Post-Secondary Education Option



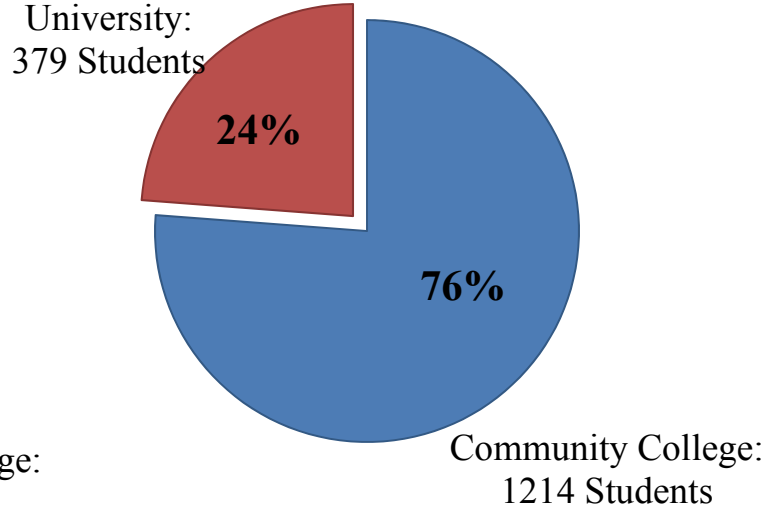
Data reported by Illinois high school agriculture teachers regarding 12,386 graduates of 2010 who have taken one or more agriculture classes.

# 2009-2010 Post-Secondary Education Statistics

## 2010 Graduates Studying Non-Agriculture/Horticulture



## 2010 Graduates Studying Agriculture/Horticulture



## 2010 College Freshmen Interested in Ag Education Teacher Certification Program

