

**March 2016** 

Issue 30

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- Survey Reminder
- Introduction to CIP Codes
- Exploration into CIP Code Academic Areas



The 2015 surveys deadline was March 15, 2016. We will be sending individual reminders and an offer of assistance to those who might still be working on data input. If you haven't done so already there is a completion "button" that at the bottom of each form that lets us know that your

institutions surveys are complete. This year we are sending out individualized 5 year trend reports to each institution to help in our data verification and validation process. If you have any questions, please do not hesitate to contact the FAEIS Staff at <u>faeis@vt.edu</u>.



FAEIS collects data on four primary areas: Agriculture, Agriculture Operations, and Related Sciences; Natural Resources and Conservation; Family and Consumer Sciences/Human Sciences and Veterinary Sciences. The information is organized by CIP codes at the academic and discipline area level. This month FAEIS focused on CIP Codes reported into our system by participating institutions.

CIP codes, or Classification of Instructional Programs codes, are a taxonomic organizational system used to categorize and track higher education programs. There are three levels to the taxonomic structure. The broadest category, program area, is represented by numbers on the left side of the decimal (XX.), or a 2-digit CIP. FAEIS concentrations on collecting data for three main program areas:

- Agriculture, Agriculture Operations, and Related Sciences
- Natural Resources and Conservation
- Family and Consumer Sciences/Human Sciences

The next level CIP code is the academic area. This creates a 4-digit CIP (XX.XX). The narrowest level is the Discipline Area, or 6-digit CIP, (XX.XXX). The discipline area is the CIP reported to FAEIS that reflects student enrollment in a specific program.

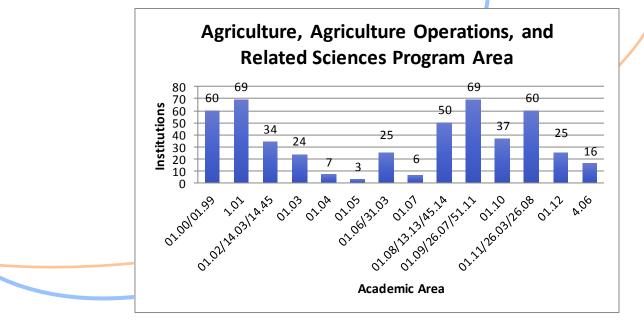
#### A Brief Exploration into CIP Code Academic

FAEIS looked at institutions' 2014 total enrollment numbers to gather the CIP code data used in the following charts. We wanted to see if there were any similarities between different program areas in regards to their "general" or "other" discipline areas.

To find this information, FAEIS looked at every CIP that made up the three program areas above. From here, we looked at the Academic Area and removed duplicated entries. For example, if one institution had multiple reports in area 01.02, we scaled it down so the institution was only counted once in the bar chart representing academic areas. Once we had the percentage of institutions in each academic area, we expanded to the 6-digit CIP and counted each institution reporting a student enrollment of one or greater in the discipline area.

### Agriculture, Agriculture Operations, and Related Sciences

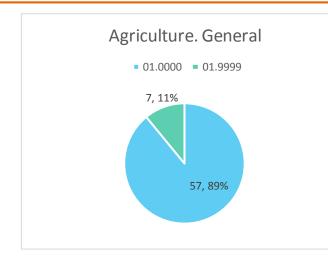
FAEIS recorded 94 institutions reporting enrollment in the 14 program areas under Agriculture, Agriculture Operations, and Related Sciences.



The Agriculture, Agriculture Operations, & Related Sciences bar graph shows how many institutions offer each of the 14 different 4-digit Program Areas.

Program Area	CIP Code
Agriculture, General	01.00/01.99
Agricultural Economics, Agricultural Business and Management	01.01
Agricultural Mechanization and Engineering	01.02/14.03/14.45
Agricultural Production Operations	01.03
Agricultural and Food Products Processing	01.04
Equestrian/Equine Studies and Animal Services	01.05
Applied Horticulture/Horticultural Business Services	01.06/31.03
International Agriculture	01.07
Agricultural Public Services	01.08/13.13/45.14
Animal Sciences	01.09/26.07/51.11
Food Science and Technology	01.10
Plant Sciences	01.11/26.03/26.08
Soil Sciences	01.12
Landscape Architecture	4.06

FAEIS selected the five academic areas that constituted over 10% of the program area. This includes Agricultural, General; Agricultural Economics, Agriculture Business and Management; Agricultural Public Services; Animal Sciences; and Plant Sciences.



Discipline Area	CIP Code
Agriculture, General	01.0000
Agriculture, Agriculture Operations, and Related Sciences, Other	01.9999

Figure 1: There were 60 institutions reporting enrollment in at least one of these 6-digit CIP Codes.

Discipline Area	CIP Code
Agricultural Business and Management, General	01.0101
Agribusiness/Agricultural Business Opera- tions	01.0102
Agricultural Economics	01.0103
Farm/Farm and Ranch Management	01.0104
Agricultural Business Technology	01.0106
Agricultural Business and Management, Other	01.0199

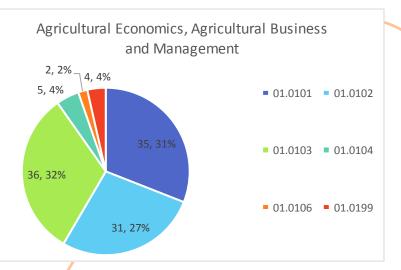
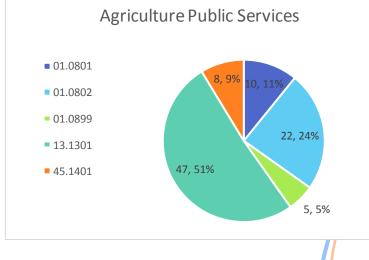
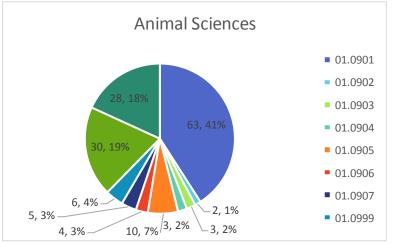


Figure 2: There were 69 institutions reporting enrollment in at least one of these 6-digit CIP Codes.



Discipline Area	CIP Code
Agricultural and Extension Education Services	01.0801
Agricultural Communication/Journalism	01.0802
Agricultural Public Services, Other	01.0899
Agricultural Teacher Education	13.1301
Rural Sociology	45.1401

Figure 3: There were 50 institutions reporting enrollment in at least one of these 6-digit CIP Codes.



Discipline Area	CIP Code
Animal Sciences, General	01.0901
Agricultural Animal Breeding	01.0902
Animal Health	01.0903
Animal Nutrition	01.0904
Dairy Science	01.0905
Livestock Management	01.0906
Poultry Science	01.0907
Animal Sciences, Other	01.0999
Entomology	26.0702
Pre-Veterinary Studies	51.1104

Figure 4: There were 69 institutions reporting enrollment in at least one of these 6-digit CIP Codes.

Discipline Area	CIP Code
Plant Sciences, General	01.1101
Agronomy and Crop Sciences	01.1102
Horticultural Science	01.1103
Agricultural and Horticultural Plant Breed-	01.1104
ing	
Plant Protection and Integrated Pest Man-	01.1105
agement	
Plant Sciences, Other	01.1199
Plant Pathology/Phytopathology	26.0305
Plant Physiology	26.0307
Plant Molecular Biology	26.0308
Plant Genetics	26.0805

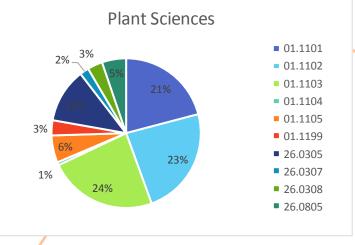
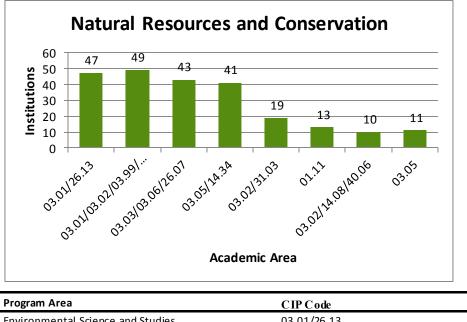


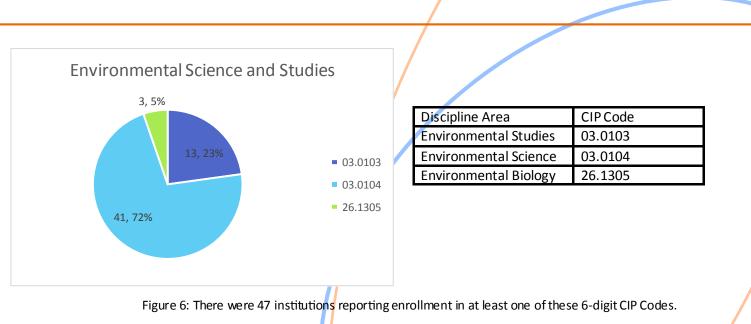
Figure 5: There were 60 institutions reporting enrollment in at least one of these 6-digit CIP Codes.

FAEIS recorded 86 institutions reporting enrollment in 8 program areas under Natural Resources and Conservation.



Program Area	CIPCode
Environmental Science and Studies	03.01/26.13
Natural Resources Conservation and Management	03.01/03.02/03.99/26.13
Fisheries and Wildlife	03.03/03.06/26.07
Forestry	03.05/14.34
Natural Resources Recreation	03.02/31.03
Range Science and Management	01.11
Watershed Science and Management	03.02/14.08/40.06
Wood Science/Products	03.05

FAEIS selected four academic areas that constituted over 10% of the program area. This includes Environmental Science and Studies; Natural Resources Conservation and Management; Fisheries and Wildlife; and Forestry.



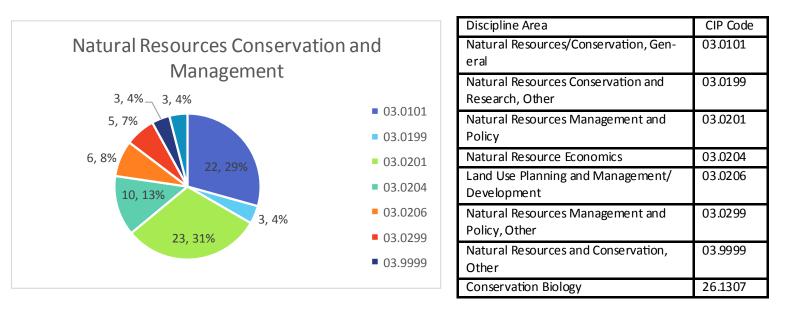


Figure 7: There were 49 institutions reporting enrollment in at least one of these 6-digit CIP Codes.

Discipline Area	CIP Code
Forestry, General	03.0501
Forest Sciences and Biology	03.0502
Forest Management/Forest Resources Management	03.0506
Urban Forestry	03.0508
Forest Resources Production and Management	03.0510
Forest Technology/Technician	03.0511
Forestry, Other	03.0599
Forest Engineering	14.3401

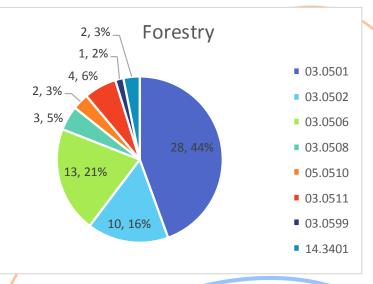


Figure 8: There were 41 institutions reporting enrollment in at least one of these 6-digit CIP Codes.

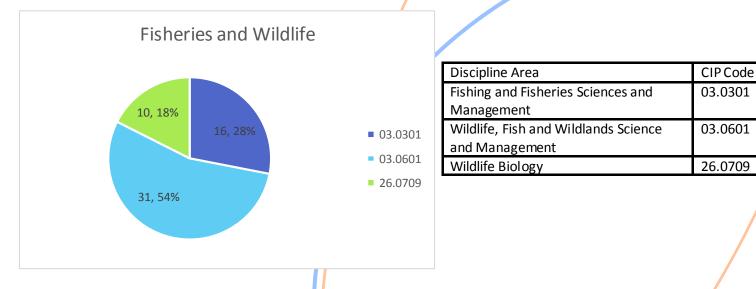
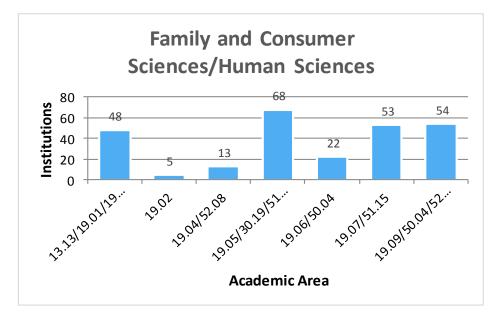


Figure 9: There were 43 institutions reporting enrollment in at least one of these 6-digit CIP Codes.

# **Family and Consumer Sciences/Human Sciences**

FAEIS recorded 94 institutions reporting enrollment in the 10 program areas under Family and Consumer Sciences/Human Sciences.

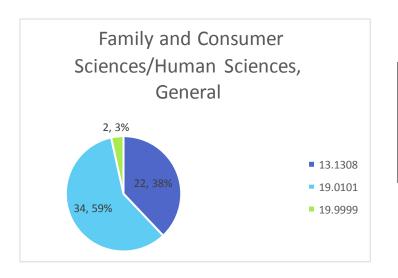


Discipline Area	CIP Code
Family and Consumer Sciences/Human Sciences, General	13.13/19.01/19.99
Family and Consumer Sciences/Human Sciences Business Services	19.02
Family and Consumer Economics and Related Studies	19.04/52.08
Food, Nutrition and Related Services	19.05/30.19/51.31
Housing and Human Environments	19.06/50.04
Human Development, Family Studies and Related Sciences	13.12/19.07/51.15
Apparel and Textiles	14.28/19.09/50.04/52.19

#### FAEIS selected

the four

academic areas that constituted over 10% of the program area. This includes Family and Consumer Sciences/ Human Sciences, General; Food, Nutrition and Related Services; Human Development, Family Studies and Related Sciences; and Apparel and Textiles.



Discipline Area	CIP Code
Family and Consumer Sciences/	13.1308
Home Economics Teacher	
Family and Consumer Sciences/	19.0101
Human Sciences, General	
Family and Consumer Sciences/	19.9999
Human Sciences, Other	

Figure 10: There were 48 institutions reporting enrollment in at least one of these 6-digit CIP Codes.

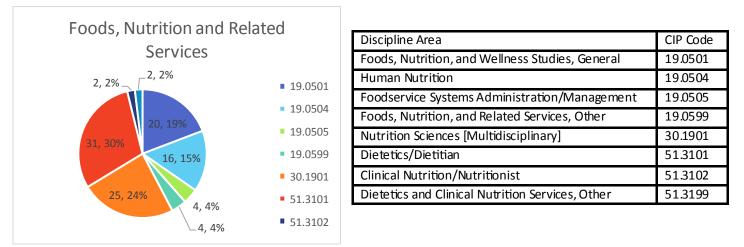


Figure 11: There were 68 institutions reporting enrollment in at least one of these 6-digit CIP Codes.

Discipline Area	CIP Code
Kindergarten/Pre-School Education and Teaching	13.1209
Early Childhood Education and Teaching	13.1210
Human Development and Family Studies, General	19.0701
Adult Development and Aging	19.0702
Family Systems	19.0704
Child Development	19.0706
Family and Community Services	19.0707
Child Care and Support Services Management	19.0708
Human Development, Family Studies, and Related	19.0799
Services, Other	
Community Health Services/Liaison/Counseling	51.1504
Marriage and Family Therapy/Counseling	51.1505

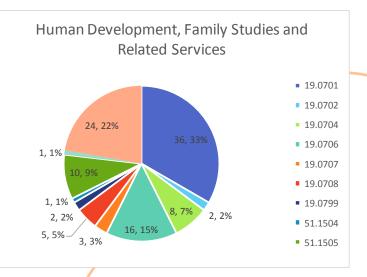
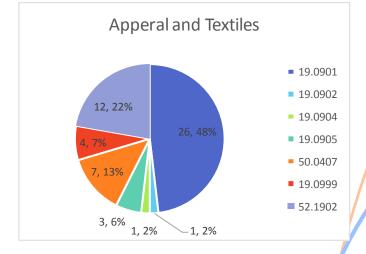


Figure 12: There were 53 institutions reporting enrollment in at least one of these 6-digit CIP Codes.



Discipline Area	CIP Code
Apparel and Textiles, General	19.0901
Apparel and Textile Manufacture	19.0902
Textile Science	19.0904
Apparel and Textile Marketing Management	19.0905
Apparel and Textiles, Other	19.0999
Fashion/Apparel Design	50.0407
Fashion Merchandising	52.1902

Figure 13: There were 54 institutions reporting enrollment in at least one of these 6-digit CIP Codes.

If you wish to modify the CIP codes FAEIS has assigned to your institution, please contact the FAEIS Helpdesk. For more information about the on Classification of Instructional Program Codes go to the FAEIS website found here.

# Announcements

The mailing list for the newsletter has been updated. We sincerely apologize if we missed your email in January. Archived copies of the newsletter can be found here: <u>http://faeis.usda.gov</u>.

If you know someone who would like to receive the FAEIS newsletter, please have them send us an email requesting to be added.

Thank you!

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