



Minnesota Secondary & Post Secondary AFNR Programs 2015 UMASH – Brad Schloesser



Minnesota Department of
Education



AFNR 2014 - 2015



- 191 AFNR Programs (increase of 4)
- 234 teachers at the Secondary Level
(227 in 2014; 215 in 2013; 214 in 2012; 213 in 2011)
- 12 departments – 3 Teachers (+ 5)
- 24 departments – 2 Teachers (- 2)
- 162 Full Time Programs –
(159 in 2014; 159 in 2013; 164 in 2012; 160 in 2011)
- 29 less than 1.0 FTE (full time equivalents)
(29 in 2014; 22 in 2013; 21 in 2012; 26 in 2011)





- 42 programs had changes in staffing for 14-15.
- Representing 37.9 Full Time Equivalents (FTE's)
- 17 schools increased staffing by 14 FTE's
- 8 schools reduced AFNR by 5.1 FTE's
- Net gain of 8.9 FTE's
- 3 positions unfilled (Sept 2, 2014)
- Statewide and National shortage of
Ag Educators – Teach Ag Campaign

Minnesota AFNR Programs 2014



Minnesota AFNR Student Enrollment

- 20,168 students enrolled in grades 9-12
- 8,218 concentrators (240 hours in CTE)
- 10,261 Minnesota FFA Members
- 2,905 earned science credit in an AFNR course
- 98.7% of CTE concentrators graduated on time
- **CTE = Career & Technical Education**
- **CTE results in a positive life impact**





Pathway	Enrollment	
Power Structure and Technical	6,970 845 Female 6,125 Male	25%
Animal Systems	5,760 3,069 Female 2,691 Male	21%
Agri-Business Systems	5,526 2,121 Female 3,405 Male	20%
Natural Resources/Environmental	4,617 1,367 Female 3,250 Male	17%
Plant Systems	3,900 1,959 Female 1,941 Male	14%
Food Products & Processing	733 366 Female 367 Male	3%



Key Initiatives 2015

- CTE Teacher Shortage
- CTE Teacher Prep Programs
- World's Best Workforce
- CTE Revenue FY 15
 - Extended Contract / Experiential Learning Funding
- C Perkins
 - Rigorous Programs of Study
 - CTE Program Design
 - Technical Skill Attainment





Minnesota Post - Secondary AFNR Programs 2015





Learn,
Grow,
& Earn
With a
Career in
Agribusiness

Today's
farmer
feeds 155
people,
compared
to just 25
in 1960

Minnesota Post Secondary Institutions

- 54 Campus locations in MN
- 31 Colleges & Universities
- 47 Communities supporting MnSCU across MN
- Average Annual Tuition \$ 5,389 at MN State Colleges, \$ 7,680 at MN Universities (Full Time)
- MnSCU = 435,000 students attend each year





Minnesota Post Secondary Programs AG & FOOD

- Agribusiness Service Technician
- Ag Business & Production
- Ag Science & Technology
- Culinary Arts and Food Service
- Farm Business Mgmt.
- Floral Design
- Food Processing Safety
- Food Sciences
- Golf Course/Turf Mgmt.
- Horse Husbandry
- Equine Bus. Mgmt.
- Horticulture, Landscape
- Taxidermy
- Veterinary Technology



Minnesota Post Secondary Programs AG & FOOD

- 23 Public Post-Secondary Institutions with AFNR
- Agriculture Food & Natural Resources = AFNR
- 79% of Public Colleges & Universities in MN
- Two Centers of Excellence in Agriculture
- Southern MN and Northern – AgCentric
- Plus University of Minnesota





Minnesota Post Secondary Programs AG & FOOD

- Education occurs in the Classroom, Lab & Shop
- Internships and Apprenticeships
- Strong connections with Business & Industry
- Demand is strong for Graduates
- Employment can be influenced by location
- Key Faculty Professionals make these Programs successful
- New Opportunities – Veterans to Agriculture





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