

**USDA Plan of Work Summary**  
**list of [Personal and Contact Information] as "[First Name] [Middle Name] [Last Name]"**

**Childhood Obesity**

**Outputs**

Number of consultations	Sum of " <i>Number of consultations</i> "
Number of Extension publications, written new or revised	Sum of " <i>Number of Extension publications, written new or revised</i> "
Number of research projects	Sum of " <i>Number of research projects</i> "
Number of research publications	Sum of " <i>Number of research publications</i> "
Number of volunteers	Sum of " <i>Number of volunteers</i> "
Approx. total number of volunteer hours contributed	Sum of " <i>Approx. total number of volunteer hours contributed</i> "
Number of workshops conducted	Sum of " <i>Number of workshops conducted</i> "

**Outcomes**

CO 1.7 - # Of plant releases or plant discoveries that could impact childhood obesity	Sum of " <i>CO 1.7 - # Of plant releases or plant discoveries that could impact childhood obesity</i> "
CO 1.7 - # Of improved animal genetics or animal discoveries that could impact childhood obesity	Sum of " <i>CO 1.7 - # Of improved animal genetics or animal discoveries that could impact childhood obesity</i> "
CO 1.7 - # Of increased efficiencies related to reducing obesity (i.e.. reduced fat, improved digestibility, improved nutritional value, etc.)	Sum of " <i>CO 1.7 - # Of increased efficiencies related to reducing obesity (i.e.. reduced fat, improved digestibility, improved nutritional value, etc.)</i> "
CO 4 - # Of discoveries, innovations, technologies that relate to understanding the causes of childhood obesity	Sum of " <i>CO 4 - # Of discoveries, innovations, technologies that relate to understanding the causes of childhood obesity</i> "
CO 3.3 - # Of discoveries, innovations, technologies that relate to how food is enhanced, processed, or prepared that impacts childhood obesity (including sensory qualities)	Sum of " <i>CO 3.3 - # Of discoveries, innovations, technologies that relate to how food is enhanced, processed, or prepared that impacts childhood obesity (including sensory qualities)</i> "

CO 3.3 - # Of discoveries, innovations, technologies that relate to how food is delivered to children that impacts childhood obesity (marketing, packaging, shelf-life, etc.)

Sum of "CO 3.3 - # Of discoveries, innovations, technologies that relate to how food is delivered to children that impacts childhood obesity (marketing, packaging, shelf-life, etc.)"

CO 1.9 - # Of discoveries, innovations, technologies that relate to economic and/or community policies that impact childhood obesity (e.g. serving sizes/products available in schools, legislation regulating drink sizes/refills such as in NY, etc. )

Sum of "CO 1.9 - # Of discoveries, innovations, technologies that relate to economic and/or community policies that impact childhood obesity (e.g. serving sizes/products available in schools, legislation regulating drink sizes/refills such as in NY, etc. )" )"

CO 1.10, 2.8 - # Of discoveries, innovations, technologies that relate to social, environmental, and/or community practices that impact childhood obesity (e.g. exercise programs testing impact of different exercises, exercise programs combined with healthy eating programs, environmental programs that have exercise as by product, YMCA after school programs that include education/exercise for children, etc.)

Sum of "CO 1.10, 2.8 - # Of discoveries, innovations, technologies that relate to social, environmental, and/or community practices that impact childhood obesity (e.g. exercise programs testing impact of different exercises, exercise programs combined with healthy eating programs, environmental programs that have exercise as by product, YMCA after school programs that include education/exercise for children, etc.)"

CO 3.5 - # Of research projects on families' ability to access healthy an affordable foods in personal and socially acceptable ways.

Sum of "CO 3.5 - # Of research projects on families'

*ability to access healthy and affordable foods in personal and socially acceptable ways."*

CO 2.6 - # Of research projects on the development or adoption of physical activity recommendations and childhood obesity

Sum of "CO 2.6 - # Of research projects on the development or adoption of physical activity recommendations and childhood obesity"

**Direct Contacts**

Youth, Male	Sum of " <i>Hispanic, Youth, Male</i> "	Youth, Female	Sum of " <i>Hispanic, Youth, Female</i> "
Adult, Male	Sum of " <i>Hispanic, Adult, Male</i> "	Adult, Female	Sum of " <i>Hispanic, Adult, Female</i> "

**Indirect Contacts**

Youth	Number	Description
Adult	Number	Description

## Climate Change

### Outputs

CC 1.2 - # Current year climate relevant education programs	Sum of "CC 1.2 - # Current year climate relevant education programs"
CC 1.3 - # Current year climate relevant research programs	Sum of "CC 1.3 - # Current year climate relevant research programs"
CC 1.4 - # New crop varieties and genotypes with climate adaptive traits	Sum of "CC 1.4 - # New crop varieties and genotypes with climate adaptive traits"
CC 1.5 - # New animal breeds and genotypes with climate adaptive traits	Sum of "CC 1.5 - # New animal breeds and genotypes with climate adaptive traits"
CC 1.1 - # Current year citations of climate related publications	Sum of "CC 1.1 - # Current year citations of climate related publications"
CC 1.6 - # New assessment and management tools developed, including models and measurements of greenhouse gas emissions	Sum of "CC 1.6 - # New assessment and management tools developed, including models and measurements of greenhouse gas emissions"
CC 1.7 - # Climate relevant social media products, web-based products and communication tools	Sum of "CC 1.7 - # Climate relevant social media products, web-based products and communication tools"
CC 1.8 - # New climate relevant databases, monitoring systems, and inventories managed or under development	Sum of "CC 1.8 - # New climate relevant databases, monitoring systems, and inventories managed or under development"
CC 1.9 - Of the # program participants, the number that increase knowledge of management practices under climate variability and change	Sum of "CC 1.9 - Of the # program participants, the number that increase knowledge of management practices under climate variability and change"
CC 2.1 - # Participants that employ climate adaptation strategies	Sum of "CC 2.1 - # Participants that employ climate adaptation strategies"
CC 2.2 - # Acres under recommended adaptation strategies	Sum of "CC 2.2 - # Acres under recommended adaptation strategies"
CC 2.3 - # Participants adopted recommended adaptation strategies	Sum of "CC 2.3 - # Participants adopted recommended adaptation strategies"
CC 2.4 - # New genotypes and varieties for climate adaptation	Sum of "CC 2.4 - # New genotypes and varieties for climate adaptation"
CC 2.5 - # Acres planted with new recommended genotypes or varieties with climate adaptive traits	Sum of "CC 2.5 - # Acres planted with new recommended genotypes or varieties with climate adaptive traits"
CC 2.6 - # Participants who planted recommended genotypes or varieties with climate adaptive traits	Sum of "CC 2.6 - # Participants who planted recommended genotypes or varieties with climate adaptive traits"
CC 2.7 - # Agencies/organizations/communities participating in programs that incorporate climate-based management practices in community development	Sum of "CC 2.7 - # Agencies/organizations/communities participating in programs that incorporate climate-based management practices in community development"
CC 3.1 - # Participants who adopted recommended climate mitigation practices	Sum of "CC 3.1 - # Participants who adopted recommended climate mitigation practices"
CC 3.2 - # Acres under recommended climate mitigation practices	Sum of "CC 3.2 - # Acres under recommended climate mitigation practices"
CC 3.3 - # Agencies/organizations/communities that adopted recommended climate mitigation practices and policies	Sum of "CC 3.3 - # Agencies/organizations/communities that adopted recommended climate mitigation practices and policies"

### Outcomes

Number of observers participating in weather and climate monitoring efforts	Sum of
Number of participants who adopt management practices that maximize environmental stewardship	Sum of
Number of participants who increase knowledge of management practices that maximize environmental stewardship	Sum of
Number of participants who increase their knowledge about climate change	Sum of
Number of participants who increase their knowledge of opportunities and challenges for agriculture under carbon dioxide emissions policies to address climate change	Sum of
Number of research-based studies, publications, and reports for policy organization members and legislators on climate change	Sum of
Number of turf managers who increase knowledge of pesticides, nutrients, and water inputs for maintaining high quality turf	Sum of
Number of turf managers who reduce pesticide, nutrient, and water inputs while maintaining high quality turf	Sum of

**Direct Contacts**

Youth, Male	Sum of " <i>&lt;i&gt;Hispanic, Youth, Male&lt;/i&gt;</i> "	Youth, Female	Sum of " <i>&lt;i&gt;Hispanic, Youth, Female&lt;/i&gt;</i> "
Adult, Male	Sum of " <i>&lt;i&gt;Hispanic, Adult, Male&lt;/i&gt;</i> "	Adult, Female	Sum of " <i>&lt;i&gt;Hispanic, Adult, Female&lt;/i&gt;</i> "

**Indirect Contacts**

Youth	Number	Description
Adult	Number	Description

## Food Safety

### Outputs

Number of consultations	Sum of " <i>Number of consultations</i> "
Number of Extension publications, written new or revised	Sum of " <i>Number of Extension publications, written new or revised</i> "
Number of research projects	Sum of " <i>Number of research projects</i> "
Number of research publications	Sum of " <i>Number of research publications</i> "
Number of volunteers	Sum of " <i>Number of volunteers</i> "
Approx. total number of volunteer hours contributed	Sum of " <i>Approx. total number of volunteer hours contributed</i> "
Number of workshops conducted	Sum of " <i>Number of workshops conducted</i> "

### Outcomes

FS 1.1 - # Viable technologies developed or modified for detection and characterization of food supply contamination from foodborne threats	Sum of " <i>FS 1.1 - # Viable technologies developed or modified for detection and characterization of food supply contamination from foodborne threats</i> "
FS 1.2 - # Viable prevention, control and intervention strategies for all food production scales for foodborne threats along the food production continuum	Sum of " <i>FS 1.2 - # Viable prevention, control and intervention strategies for all food production scales for foodborne threats along the food production continuum</i> "
FS 1.3 - # Individuals who learn about prevention, detection, control and intervention technologies	Sum of " <i>FS 1.3 - # Individuals who learn about prevention, detection, control and intervention technologies</i> "
FS 1.4 - # Improved prevention, detection, control and intervention technologies adopted	Sum of " <i>FS 1.4 - # Improved prevention, detection, control and intervention technologies adopted</i> "
FS 1.5 - # Reported changes in prevention, detection, control, and intervention strategies	Sum of " <i>FS 1.5 - # Reported changes in prevention, detection, control, and intervention strategies</i> "
FS 3.1 - # Growers, producers, and food workers completing GAPs, GMPs, HACCP, food safety certification an on-farm BMP programs to increase food safety	Sum of " <i>FS 3.1 - # Growers,</i> "

FS 3.2 - # Food handlers receiving food safety training and education in safe food handling practices	<i>producers, and food workers completing GAPs, GMPs, HACCP, food safety certification an on-farm BMP programs to increase food safety"</i>
FS 3.3 - # Food handlers adopting recommended hand washing practices	Sum of "FS 3.2 - # Food handlers receiving food safety training and education in safe food handling practices"
FS 3.4 - # Food handlers reporting taking steps to reduce cross contamination	Sum of "FS 3.3 - # Food handlers adopting recommended hand washing practices"
FS 3.5 - # Food preparers reporting using proper time and temperature controls	Sum of "FS 3.4 - # Food handlers reporting taking steps to reduce cross contamination"
FS 4.1 - # Projects focused on increased understanding of the ecology of fecal indicators and pathogens	Sum of "FS 3.5 - # Food preparers reporting using proper time and temperature controls"
FS 4.2 - # Projects focused on increased safety of any inputs into the food chain	Sum of "FS 4.1 - # Projects focused on increased understanding of the ecology of fecal indicators and pathogens"
FS 4.3 - # Projects focused on increased understanding of the roles of humans, plants and animals as vectors	Sum of "FS 4.2 - # Projects focused on increased safety of any inputs into the food chain"
FS 4.4 - # Projects focused on increased understanding of preharvest and postharvest process impacts on microbial and chemical threats	Sum of "FS 4.3 - # Projects focused on increased understanding of the roles of humans, plants and animals as vectors"
	Sum of "FS 4.4 - # Projects focused on increased understanding of

FS 4.5 - # Projects characterizing social, economic, and/or cultural practices attributed to foodborne illness

*preharvest and postharvest process impacts on microbial and chemical threats"*  
 Sum of "FS 4.5 - # Projects characterizing social, economic, and/or cultural practices attributed to foodborne illness"

**Direct Contacts**

Youth, Male	Sum of " <i>&gt;Hispanic, Youth, Male&lt;/i&gt;"</i>	Youth, Female	Sum of " <i>&gt;Hispanic, Youth, Female&lt;/i&gt;"</i>
Adult, Male	Sum of " <i>&gt;Hispanic, Adult, Male&lt;/i&gt;"</i>	Adult, Female	Sum of " <i>&gt;Hispanic, Adult, Female&lt;/i&gt;"</i>

**Indirect Contacts**

Youth	Number	Description
Adult	Number	Description

## Global Food Security and Hunger

### Outputs

Number of consultations	Sum of " <i>Number of consultations</i> "
Number of Extension publications, written new or revised	Sum of " <i>Number of Extension publications, written new or revised</i> "
Number of research projects	Sum of " <i>Number of research projects</i> "
Number of research publications	Sum of " <i>Number of research publications</i> "
Number of volunteers	Sum of " <i>Number of volunteers</i> "
Approx. total number of volunteer hours contributed	Sum of " <i>Approx. total number of volunteer hours contributed</i> "
Number of workshops conducted	Sum of " <i>Number of workshops conducted</i> "

### Outcomes

GF 1.1 - # Of plant releases	Sum of " <i>GF 1.1 - # Of plant releases</i> "
GF 1.2 - # Of improved animal genetics	Sum of " <i>GF 1.2 - # Of improved animal genetics</i> "
GF 1.3 - # Of increased efficiencies (i.e.. (% pregnant), or increases in yield/unit (bushels/acre; lbs. product (meat, protein, milk) per animal ; lbs. feed per gain).	Sum of " <i>GF 1.3 - # Of increased efficiencies (i.e.. (% pregnant), or increases in yield/unit (bushels/acre; lbs. product (meat, protein, milk) per animal ; lbs. feed per gain).</i> "
GF 1.4.a - # Of producers indicating adoption of recommended practices	Sum of " <i>GF 1.4.a - # Of producers indicating adoption of recommended practices</i> "
GF 1.4.b - # Of producers reporting reduction in fertilizer used/acre	Sum of " <i>GF 1.4.b - # Of producers reporting reduction in fertilizer used/acre</i> "
GF 1.4.c - # Of producers reporting increased dollar returns per acre or reduced costs per acre	Sum of " <i>GF 1.4.c - # Of producers reporting increased dollar returns per acre or reduced costs per acre</i> "
GF 1.4.d - # Of acres in conservation tillage or other BMP	Sum of " <i>GF 1.4.d - # Of acres in conservation tillage or other BMP</i> "
GF 2.1 - # New or improved innovations developed for food enterprises	Sum of " <i>GF 2.1 - # New or improved innovations developed for food enterprises</i> "
GF 2.2 - # New or improved value-added products that can be sold by producers	Sum of " <i>GF 2.2 - #</i> "

(and other members of the food supply chain)

*New or improved value-added products that can be sold by producers (and other members of the food supply chain)"*

GF 2.3 - # Innovations adopted in food enterprises including production, allied services, processing, and distribution

*Sum of "GF 2.3 - # Innovations adopted in food enterprises including production, allied services, processing, and distribution"*

GF 2.4 - # Producers (and other members of the food supply chain) that have increased revenue

*Sum of "GF 2.4 - # Producers (and other members of the food supply chain) that have increased revenue"*

GF 2.5 - # New diagnostic systems

*Sum of "GF 2.5 - # New diagnostic systems"*

GF 2.6 - # New diagnostic technologies

*Sum of "GF 2.6 - # New diagnostic technologies"*

GF 2.7 - # People trained in early detection and rapid response of plant pest, animal pests and diseases

*Sum of "GF 2.7 - # People trained in early detection and rapid response of plant pest, animal pests and diseases"*

GF 2.8 - # Communities trained in ag disaster preparedness

*Sum of "GF 2.8 - # Communities trained in ag disaster preparedness"*

GF 2.9 - # Communities that have written ag and food considerations into disaster preparedness plans or procedures

*Sum of "GF 2.9 - # Communities that have written ag and food considerations into disaster preparedness plans or procedures"*

GF 2.1 - # Networks prepared to mitigate biological and antibiotic disruptions

*Sum of "GF 2.1 - # Networks prepared to mitigate biological and antibiotic disruptions"*

GF 2.11 - # Acres that incorporate ecosystem services and/or biodiversity considerations

*Sum of "GF 2.11 - # Acres that*

GF 2.12 - % Of privately owned agricultural acreage retained during landowner succession due to educational interventions	<i>incorporate ecosystem services and/or biodiversity considerations"</i> Sum of "GF 2.12 - % Of privately owned agricultural acreage retained during landowner succession due to educational interventions"
GF 3.1 - # Youth participation in food system education programs	Sum of "GF 3.1 - # Youth participation in food system education programs"
GF 3.2 - # Adults participating in food system knowledge and skill enhancement programs	Sum of "GF 3.2 - # Adults participating in food system knowledge and skill enhancement programs"
GF 3.6 - # Research and extension advisory councils and boards	Sum of "GF 3.6 - # Research and extension advisory councils and boards"
GF 3.5 - # Food councils and institutes created to promote practical food systems policies	Sum of "GF 3.5 - # Food councils and institutes created to promote practical food systems policies"
GF 3.7 - # Food policy decisions informed by university research and extension	Sum of "GF 3.7 - # Food policy decisions informed by university research and extension"
GF 3.8 - # Constraints removed in food production, processing, and distribution by policy makers	Sum of "GF 3.8 - # Constraints removed in food production, processing, and distribution by policy makers"
GF 3.9 - # Incentives implemented for food production, processing, and distribution by policy makers	Sum of "GF 3.9 - # Incentives implemented for food production, processing, and distribution by policy makers"

**Direct Contacts**

Youth, Male	Sum of " <i>Hispanic, Youth, Male</i> "	Youth, Female	Sum of " <i>Hispanic, Youth, Female</i> "
Adult, Male	Sum of " <i>Hispanic, Adult, Male</i> "	Adult, Female	Sum of " <i>Hispanic, Adult, Female</i> "

**Indirect Contacts**

Youth	Number	Description
Adult	Number	Description

## Human, Family, and Community, Health and Well-Being

### Outputs

Number of community collaborations, coalitions, and partnerships	Sum of " <i>Number of community collaborations, coalitions, and partnerships</i> "
Number of consultations	Sum of " <i>Number of consultations</i> "
Number of Extension publications, written new or revised	Sum of " <i>Number of Extension publications, written new or revised</i> "
Number of research projects	Sum of " <i>Number of research projects</i> "
Number of research publications	Sum of " <i>Number of research publications</i> "
Number of volunteers	Sum of " <i>Number of volunteers</i> "
Approx. total number of volunteer hours contributed	Sum of " <i>Approx. total number of volunteer hours contributed</i> "
Number of workshops conducted	Sum of " <i>Number of workshops conducted</i> "

### Outcomes

GFSH 4.5, 4.7, 4.8, FCS 1.3 - # Of discoveries, innovations, technologies that relate to human health, nutrition and well-being, chronic diseases, impact of environmental factors on health	Sum of " <i>GFSH 4.5, 4.7, 4.8, FCS 1.3 - # Of discoveries, innovations, technologies that relate to human health, nutrition and well-being, chronic diseases, impact of environmental factors on health</i> "
GFSH 4.6, 4.8, FCS 1.1, 1.2, 1.4 - # Of discoveries, innovations, technologies that relate to family well-being, resource management, parenting and relationships, child development	Sum of " <i>GFSH 4.6, 4.8, FCS 1.1, 1.2, 1.4 - # Of discoveries, innovations, technologies that relate to family well-being, resource management, parenting and relationships, child development</i> "
# Of discoveries, innovations, technologies that relate to youth development, education, STEM education, leadership, career preparation and development, life skills	Sum of " <i># Of discoveries, innovations, technologies that relate to youth development, education, STEM education, leadership, career preparation and development, life skills</i> "
CO 1.9, 2.7, GFSH 3.7, 3.8, 3.9 - # Of discoveries, innovations, technologies that relate to economic and/or community development, leadership, regulations/policies/governance	Sum of " <i>CO 1.9, 2.7, GFSH 3.7, 3.8, 3.9 - # Of discoveries,</i> "

GFSH 2.8, 2.9, 2.11, 3.3, 3.4, 3.5, 3.6 - # Of discoveries, innovations, technologies that relate to social, environmental, and/or economically sustainable communities

*innovations, technologies that relate to economic and/or community development, leadership, regulations/policies/governance"*  
 Sum of "*GFSH 2.8, 2.9, 2.11, 3.3, 3.4, 3.5, 3.6 - # Of discoveries, innovations, technologies that relate to social, environmental, and/or economically sustainable communities"*

**Direct Contacts**

Youth, Male	Sum of " <i>Hispanic, Youth, Male</i> "	Youth, Female	Sum of " <i>Hispanic, Youth, Female</i> "
Adult, Male	Sum of " <i>Hispanic, Adult, Male</i> "	Adult, Female	Sum of " <i>Hispanic, Adult, Female</i> "

**Indirect Contacts**

Youth	Number	Description
Adult	Number	Description

## Natural Resources and the Environment

### Outputs

Number of consultations	Sum of " <i>Number of consultations</i> "
Number of Extension publications, written new or revised	Sum of " <i>Number of Extension publications, written new or revised</i> "
Number of research projects	Sum of " <i>Number of research projects</i> "
Number of research publications	Sum of " <i>Number of research publications</i> "
Number of volunteers	Sum of " <i>Number of volunteers</i> "
Approx. total number of volunteer hours contributed	Sum of " <i>Approx. total number of volunteer hours contributed</i> "
Number of workshops conducted	Sum of " <i>Number of workshops conducted</i> "

### Outcomes

NRE 1.1 - # New assessment, management and decision tools developed, including models and measurements	Sum of " <i>NRE 1.1 - # New assessment, management and decision tools developed, including models and measurements</i> "
NRE 1.2 - # New relevant databases, monitoring systems, and inventories managed or under development	Sum of " <i>NRE 1.2 - # New relevant databases, monitoring systems, and inventories managed or under development</i> "
NRE 1.3 - # Viable technologies developed or modified for detection and characterization	Sum of " <i>NRE 1.3 - # Viable technologies developed or modified for detection and characterization</i> "
NRE 1.4 - # Viable prevention, control and intervention strategies	Sum of " <i>NRE 1.4 - # Viable prevention, control and intervention strategies</i> "
NRE 1.5 - # New diagnostic systems	Sum of " <i>NRE 1.5 - # New diagnostic systems</i> "
NRE 1.6 - # New diagnostic technologies	Sum of " <i>NRE 1.6 - # New diagnostic technologies</i> "
NRE 1.7 - # New or improved value-added products that can be sold by producers	Sum of " <i>NRE 1.7 - # New or improved value-added products that can be sold by producers</i> "
NRE 1.8 - # Relevant social media products, web-based products and communication tools	Sum of " <i>NRE 1.8 - # Relevant social media products,</i> "

NRE 1.9 - # Acres planted with new recommended genotypes or varieties with climate adaptive traits

*web-based  
products and  
communication  
tools"*

*Sum of "NRE 1.9 -  
# Acres planted  
with new  
recommended  
genotypes or  
varieties with  
climate adaptive  
traits"*

NRE 1.1 - # New genotypes and varieties developed

*Sum of "NRE 1.1 -  
# New genotypes  
and varieties  
developed"*

NRE 1.11 - # New production/logistic practices developed and tested

*Sum of "NRE 1.11 -  
# New  
production/logistic  
practices developed  
and tested"*

NRE 1.12 - # Projects focused on human safety

*Sum of "NRE 1.12 -  
# Projects focused  
on human safety"*

NRE 1.13 - # Projects focused on understanding of the roles of humans, plants and/or animals

*Sum of "NRE 1.13 -  
# Projects focused  
on understanding of  
the roles of  
humans, plants  
and/or animals"*

NRE 1.14 - # Projects focused on understanding of preharvest and postharvest process impacts

*Sum of "NRE 1.14 -  
# Projects focused  
on understanding of  
preharvest and  
postharvest  
process impacts"*

NRE 1.15 - # Projects characterizing social, economic, and/or cultural practices

*Sum of "NRE 1.15 -  
# Projects  
characterizing  
social, economic,  
and/or cultural  
practices"*

NRE 1.16 - # Projects that incorporate ecosystem services and/or biodiversity considerations

*Sum of "NRE 1.16 -  
# Projects that  
incorporate  
ecosystem services  
and/or biodiversity  
considerations"*

NRE 1.17 - # Of dollars (\$) of potential economic losses from reduced productivity, and other industry-related losses

*Sum of "NRE 1.17 -  
# Of dollars (\$) of  
potential economic  
losses from  
reduced  
productivity, and  
other  
industry-related*

losses"

### Direct Contacts

Youth, Male	Sum of " <i>&lt;i&gt;</i> Hispanic, Youth, Male <i>&lt;/i&gt;</i> "	Youth, Female	Sum of " <i>&lt;i&gt;</i> Hispanic, Youth, Female <i>&lt;/i&gt;</i> "
Adult, Male	Sum of " <i>&lt;i&gt;</i> Hispanic, Adult, Male <i>&lt;/i&gt;</i> "	Adult, Female	Sum of " <i>&lt;i&gt;</i> Hispanic, Adult, Female <i>&lt;/i&gt;</i> "

### Indirect Contacts

Youth	Number	Description
Adult	Number	Description

## Sustainable Energy

### Outputs

Number of consultations	Sum of " <i>Number of consultations</i> "
Number of Extension publications, written new or revised	Sum of " <i>Number of Extension publications, written new or revised</i> "
Number of research projects	Sum of " <i>Number of research projects</i> "
Number of research publications	Sum of " <i>Number of research publications</i> "
Number of volunteers	Sum of " <i>Number of volunteers</i> "
Approx. total number of volunteer hours contributed	Sum of " <i>Approx. total number of volunteer hours contributed</i> "
Number of workshops conducted	Sum of " <i>Number of workshops conducted</i> "

### Outcomes

SE 1.2 - # Gallons of biofuels consumed	Sum of " <i>SE 1.2 - # Gallons of biofuels consumed</i> "
SE 1.4 - # BTUs realized from biomass/biofuels	Sum of " <i>SE 1.4 - # BTUs realized from biomass/biofuels</i> "
SE 1.5 - Amount of on-farm biofuels consumed	Sum of " <i>SE 1.5 - Amount of on-farm biofuels consumed</i> "
SE 3.1 - # Acres of dedicated bioenergy crops produced	Sum of " <i>SE 3.1 - # Acres of dedicated bioenergy crops produced</i> "
SE 3.2 - # Farmers who adopted a dedicated bioenergy crop	Sum of " <i>SE 3.2 - # Farmers who adopted a dedicated bioenergy crop</i> "
SE 3.3 - # Dedicated energy crops	Sum of " <i>SE 3.3 - # Dedicated energy crops</i> "
SE 3.4 - # Tons of feedstock delivered	Sum of " <i>SE 3.4 - # Tons of feedstock delivered</i> "

SE 3.5 - # New business systems to provide new industry growth	Sum of "SE 3.5 - # New business systems to provide new industry growth"
SE 3.6 - Measure of biofuels (gallons/acre)	Sum of "SE 3.6 - Measure of biofuels (gallons/acre)"
SE 3.7 - Measure of BTUs/acre in energy production	Sum of "SE 3.7 - Measure of BTUs/acre in energy production"
SE 4.1 - # New technologies developed	Sum of "SE 4.1 - # New technologies developed"
SE 4.2 - # New varieties or other new feedstock sources	Sum of "SE 4.2 - # New varieties or other new feedstock sources"
SE 4.3.a - # Stakeholders increased knowledge on production/harvesting/storage biofuels systems	Sum of "SE 4.3.a - # Stakeholders increased knowledge on production/harvesti ng/storage biofuels systems"
SE 4.3.b - # Stakeholders adopt BMPs for production/harvesting/storage systems	Sum of "SE 4.3.b - # Stakeholders adopt BMPs for production/harvesti ng/storage systems"
SE 4.4 - # New production/logistic practices developed	Sum of "SE 4.4 - # New production/logistic practices developed"
SE 5.1 - # Decision tools available	Sum of "SE 5.1 - # Decision tools available"
SE 5.2 - # LCA datasets available	Sum of "SE 5.2 - # LCA datasets available"
SE 5.3 - # LCA datasets validated	Sum of "SE 5.3 - # LCA datasets validated"
SE 5.4 - # Alternative uses of feedstock identified	Sum of "SE 5.4 - # Alternative uses of feedstock identified"
SE 5.5 - # Producers increased knowledge of decision models	Sum of "SE 5.5 - # Producers increased knowledge of decision models"
SE 5.6 - # Policy makers increased knowledge of decision models	Sum of "SE 5.6 - #

*Policy makers  
increased  
knowledge of  
decision models"*

**Direct Contacts**

Youth, Male	Sum of " <i>&lt;i&gt;Hispanic, Youth, Male&lt;/i&gt;</i> "	Youth, Female	Sum of " <i>&lt;i&gt;Hispanic, Youth, Female&lt;/i&gt;</i> "
Adult, Male	Sum of " <i>&lt;i&gt;Hispanic, Adult, Male&lt;/i&gt;</i> "	Adult, Female	Sum of " <i>&lt;i&gt;Hispanic, Adult, Female&lt;/i&gt;</i> "

**Indirect Contacts**

Youth	Number	Description
Adult	Number	Description