

Suggested Measures: By-product Utilization

Outcome #1: By-products are used for economic or environmental benefits

No.	Measure	Purpose
1.A	Amount of materials harvested/removed in the local area	Determine potential material available for value-added use
1.B	Amount of materials piled and burned (but not as part of a prescribed burn)	Determine amount that isn't used for value-added purposes
1.C	Amount of materials left for wildlife habitat	Determine amount of material used for wildlife

Outcome #2: Provide raw materials to local firms and add value to local economy

No.	Measure	Purpose
2.A	Percent of removed material that local businesses processed	Local use measure
2.B	Percent of removed material that small businesses processed	Determine the extent to which small businesses are using removed material
2.C	Percent of by-products used to make low, medium-low, medium high, and high value value-added products locally	Determine how much material is being used to add value locally
2.D	Value created by making low, medium-low, medium high, and high value added locally	Determine how much value is being added locally.

Outcome #3: Businesses making value-added products are able to use material and workers from the local area.

No.	Measure	Purpose
3.A	Number of businesses who obtain raw materials from outside the local area	Determine the extent to which local businesses use locally material
3.B	Percent of material harvested that was purchased locally	Measure of the sustainability of small-diameter removal and utilization

Outcome #4: Business making value-added products are strong and growing.

No.	Measure	Purpose
4.A	Number of business reporting that they are processing more material than last year	Determine if material needs are growing
4.B	Number of business reporting that they expect to use more material next year	Determine future demand and desire for expansion outlook
4.C	Number of businesses that reported plant expansion or new products launched	Determine business growth
4.D	Number of businesses that raised (or lowered) wages last year	Determine business growth
4.E	Number of businesses that expanded (or contracted) their staffing	Determine if cash flow a problem
4.F	Number of businesses that report	Determine strength of business
4.G	Number of businesses reporting that the have access to enough money to buy or lease new equipment	Determine business strength
4.H	Number of businesses reporting that they believe that business will be good or excellent in the next year	Gauge business outlook
4.I	Number of businesses reporting that they had adequate access to trained employees	Determine training needs
4.J	Number of businesses reporting that they were able to find trainable workers	Determine workforce needs