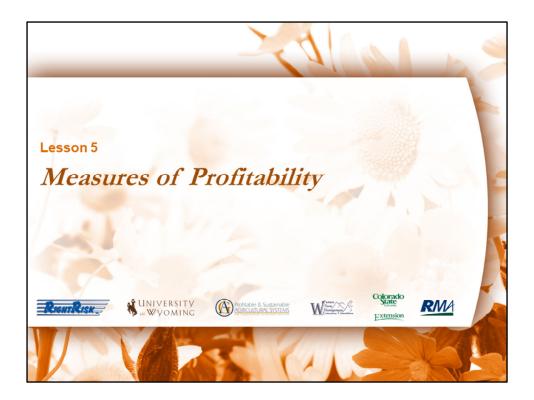
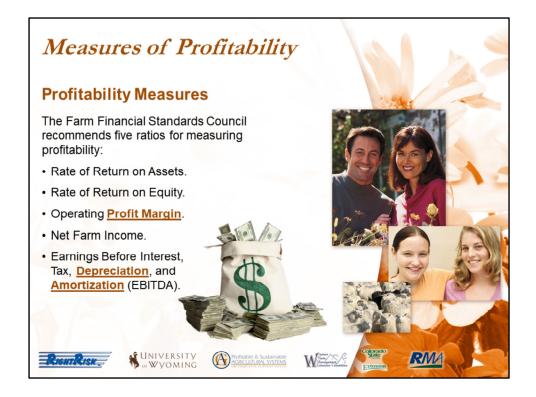


Welcome to Getting on Track: Understanding Financial Performance. In this course you will learn how to analyze the health of your business using financial ratios.

Click the next arrow to start at the beginning of the course or click the Menu link to select a lesson from the Main Menu. We recommend that you view the lessons in order the first time through the course.

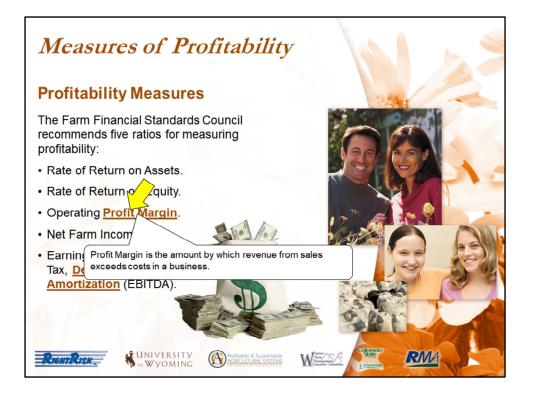


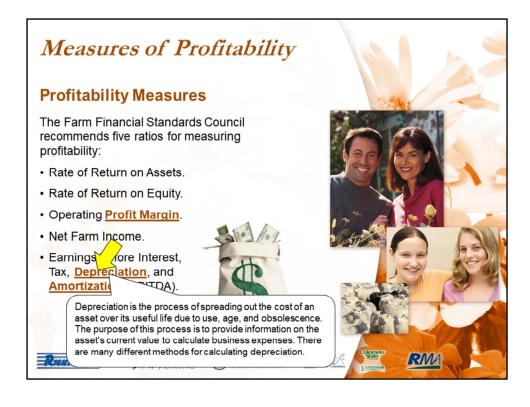


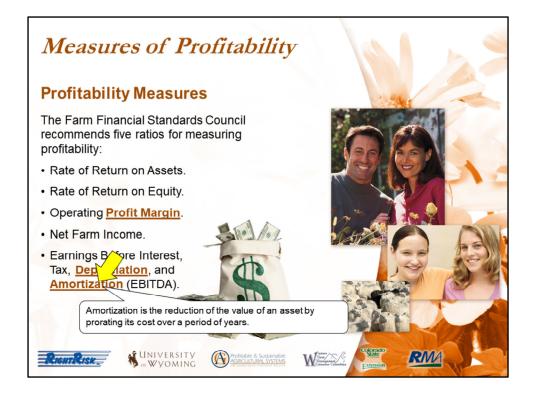
Profitability refers to your ability to generate profits (income minus expenses) over a period of time.

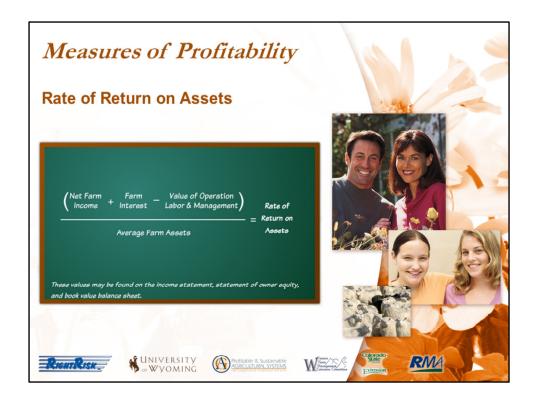
The Farm Financial Standards Council recommends five ratios for measuring profitability; Rate of Return on Assets, Rate of Return on Equity, Operating Profit Margin, Net Farm Income, Earnings Before Interest, Tax, Depreciation, and Amortization (EBITDA).

In this lesson, you will learn how to calculate and evaluate the Rate of Return on Assets and Rate of Return on Equity ratios.





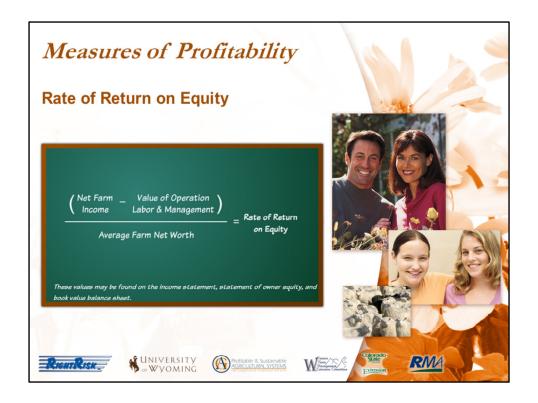




Rate of return on assets is calculated with the formula shown on screen.

These values can be found on the income statement and balance sheet.

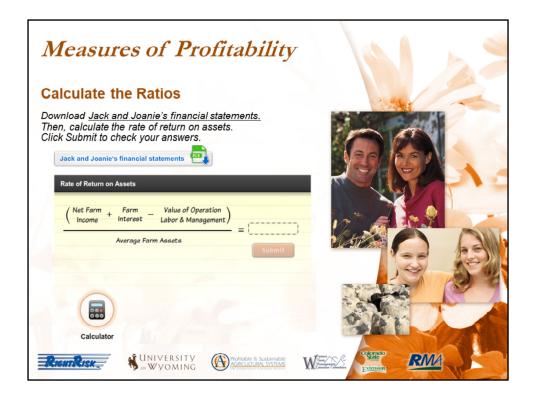
The results of this calculation will help you compare your earnings to the value of the assets used in the production process



Rate of return on equity is calculated with the formula shown on screen.

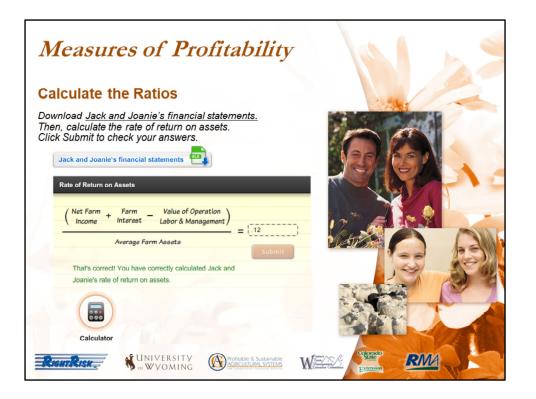
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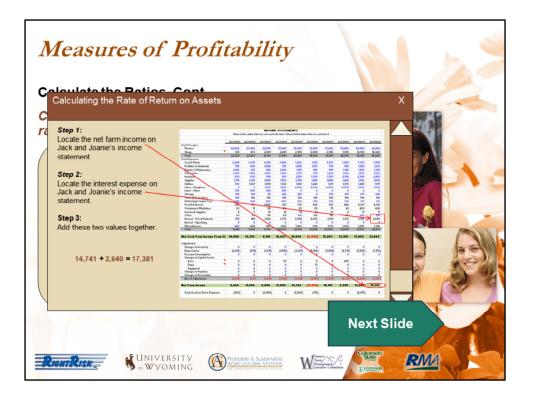
Rate of return on equity compares the earnings of the business to the business owner's investment in the production process.

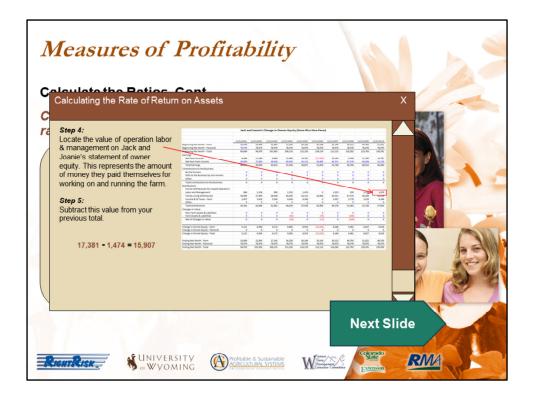


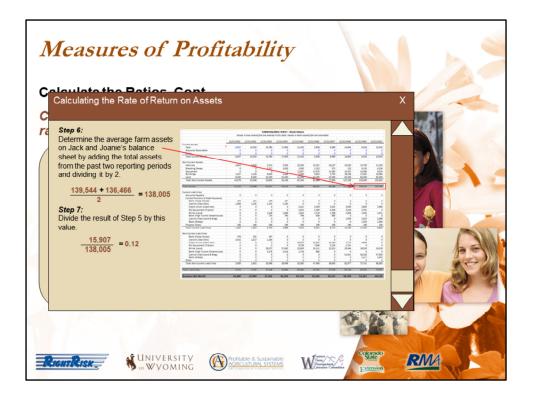
Now, try calculating the ratios. Click on the link to download Jack and Joanie's financial statements. Then, calculate Jack and Joanie's rate of return on assets. Click the calculator icon to access a calculator tool.

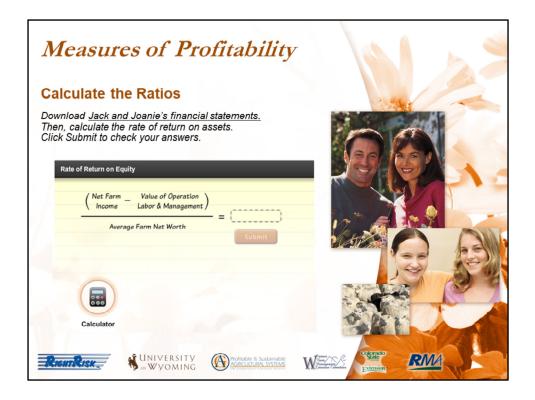
Click Submit to check your answer.





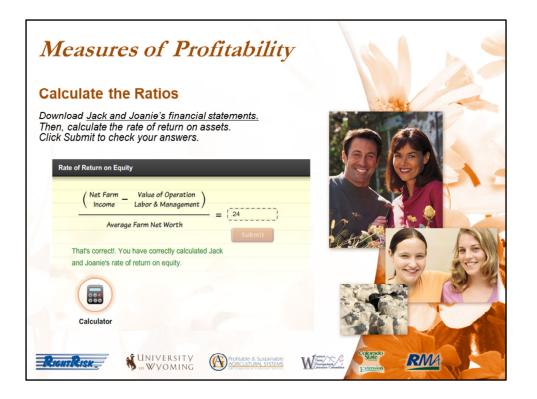


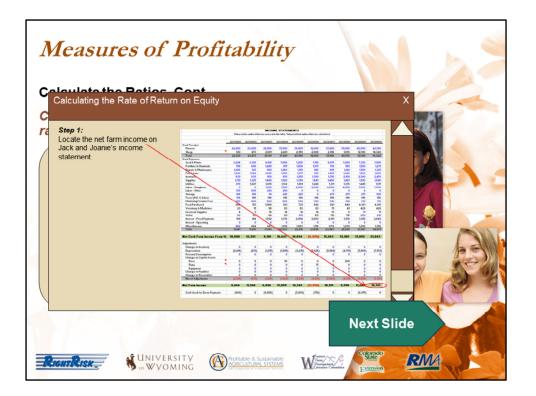


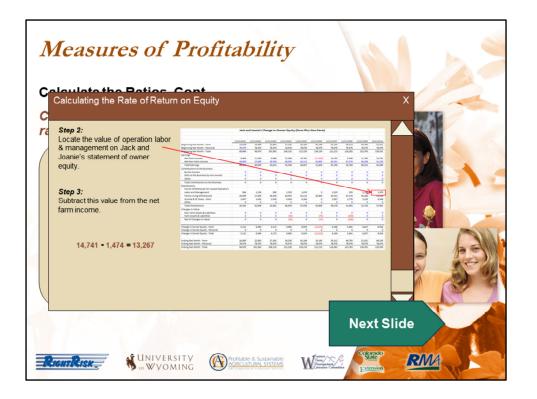


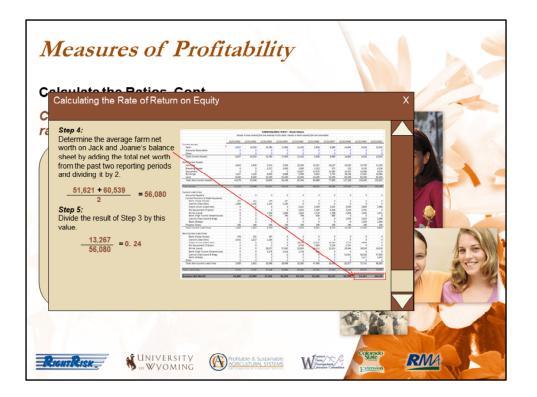
Now, try calculating Jack and Joanie's rate of return on equity. Click the calculator icon to access a calculator tool.

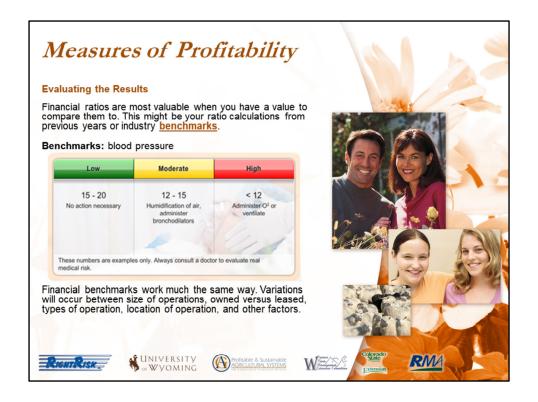
Click Submit to check your answer.









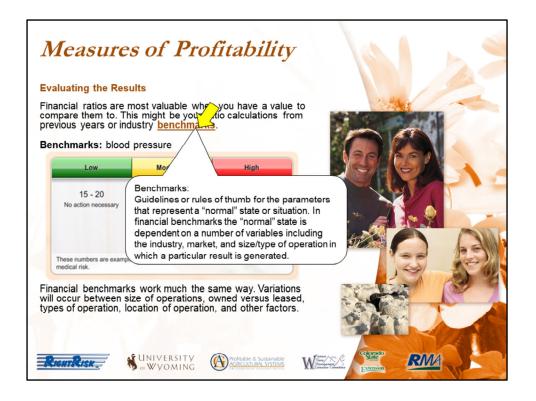


Financial ratios are most valuable when you have something to compare them to. This might be ratio calculations from previous years or industry benchmarks.

Benchmarks are guidelines or general rules of thumb related to a specific industry. For instance, normal respiration is between 15 and 20 breaths per minute. However, body respiration can vary with age, emotional state, activity level, and other variables.

Thus, there is no single respiration rate that can be considered normal. The benchmark range simply allows a doctor to interpret the measurement and to decide if further action is required.

Financial benchmarks work much the same way.

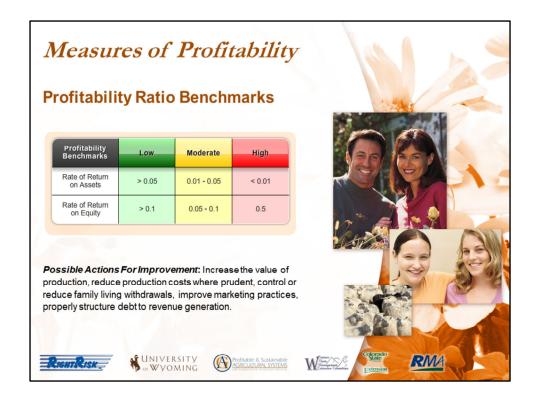


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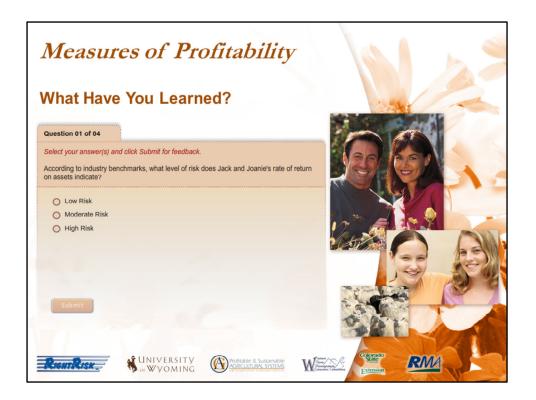


Some benchmarks for profitability ratio values are shown on screen.

The benchmarks are meant to be only a guideline for comparison purposes.

The correlated benchmarks are presented in terms of green, yellow, and red lights. A green light represents a financial strength with low risk. A yellow light corresponds to moderate risk, and a red light means weakness and high risk. A green light doesn't guarantee success, nor does a red light imply failure. A weakness in one area may be overcome by strengths in other areas.

Each farm operator should establish specific benchmarks for their specific farm situation.



Check what you have learned about measures of profitability by answering the questions on screen. Click Submit to check your answers.

