# Introduction to Weatherization Quiz

# Quality Control Inspector

DISCLAIMER: This quiz is intended for use as an interim review. Distribute to students after training the associated curriculum chapter, or the next day, to refresh the lesson. Being publicly available renders this specific quiz invalid for use as a formal assessment tool for accreditation.  See Tier 2.14(b) IREC 01022 ISPQ accreditation standard.

Learning Objectives

By attending this session, participants will be able to:

* Discuss the historical perspective of the Weatherization Assistance Program.
* Name characteristics of the client base served by the program.
* Recognize that building science guides the selection of measures installed with program dollars.
* Describe the principles of cost-effectiveness and the savings-to-investment ratio (SIR).
* List examples of modern weatherization measures.

Questions

**1**. The simple savings-to-investment ratio (SIR) is calculated by:

1. The cost of a measure divided by program support.
2. The amount of energy savings divided by the cost to install a measure.
3. The amount of energy savings multiplied by cost to install a measure.

**2**. A feature of the weatherization program that was not typical nationwide in the early1990s was:

1. Comprehensive diagnostic technology.
2. Structured training and technical assistance.
3. States had health and safety plans.

**3**. Which of the following **BEST** identifies the criteria for selection of measures to be installed in a home with WAP funds?:

1. Cost-effectiveness based on building science and energy prices.
2. Availability of fiberglass or cellulose insulation for dense-packing.
3. Skill and resources of local crews/contractors.

**4**. Which of the following is true about the energy burden of low-income households?

1. The average energy expenditure in low-income households is $552 annually.
2. More than 90% of low-income households have annual incomes less than $12,000.
3. 17% percent of annual income in low-income households is spent on energy vs. 4% by other households.

**5**. An example of a relatively new weatherization measure is:

1. A storm window.
2. Blower door guided air sealing.
3. Mobile home skirting.