

1234 Anywhere St  
Tonawanda, NY 14150

SCORE TODAY **2**

Average Home Score



**SCORE TODAY**

Estimated annual energy cost: **\$2,242**

Score basis: **165 MBtu**

**SCORE WITH IMPROVEMENTS**

Estimated annual energy cost: **\$1,629**

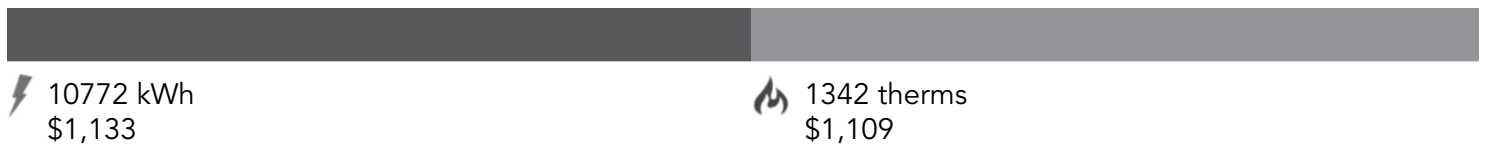
Score basis: **92 MBtu**

The U.S. Department of Energy's Home Energy Score assesses the energy efficiency of a home based on its structure and heating, cooling, and hot water systems. For more information visit [HomeEnergyScore.gov](http://HomeEnergyScore.gov).

## Estimated Energy Use

⚡ Electricity    🔥 Natural gas

TODAY:



WITH IMPROVEMENTS:



Note: All energy cost calculations are based on utility rates for your zip code.

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SCORE  
TODAY

2

## Recommendations

The Home Energy Score's Recommendations show how to improve the energy efficiency of the home to achieve a higher score and save money. When making energy related upgrades, homeowners should consult with a certified energy professional or other technically qualified contractor to ensure proper sizing, installation, safety, and adherence to code. Learn more at [HomeEnergyScore.gov](http://HomeEnergyScore.gov).

## Recommended Improvements



**REPAIR NOW.** These improvements will save you money, conserve energy, and improve your comfort.

- ▶ Exterior walls: Insulate to at least R-13 to save **\$442** / year
- ▶ Air tightness: Have a professional seal the gaps and cracks that leak air into your home to save **\$130** / year
- ▶ Basement/crawlspace 2: Insulate the floor above unconditioned space to at least R-25 to save **\$33** / year

**REPLACE LATER.** These improvements will help you save energy when it's time to replace or upgrade.

- ▶ Furnace 1: Pick one with an ENERGY STAR label to save **\$308** / year
- ▶ Central Air 1: Pick one with an ENERGY STAR label to save **\$139** / year
- ▶ Water heater: Pick one with an ENERGY STAR label to save **\$22** / year
- ▶ Roof 2: Add rigid insulation sheathing to save **\$15** / year

## Comments



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SCORE TODAY	<b>2</b>
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## Home Facts

The Home Energy Score's Home Facts includes details about the home's current structure, systems, and estimated energy use. For more information about how the score is calculated, visit our website at [HomeEnergyScore.gov](http://HomeEnergyScore.gov).

## About This Home



### ASSESSMENT

Type	Official - Corrected
Assessor name	U.R. TestingGBR6
Scoring tool version	v2017.ce0a84ba
External building ID	NY10000025

### HOME CONSTRUCTION

Year built	1932
Number of bedrooms	3
Stories above ground level	2
Interior floor-to-ceiling height	8 ft
Conditioned floor area	2,879 ft <sup>2</sup>
Direction faced by front of house	North
House Shape	rectangle
Air Sealed?	No

## Estimated Annual Energy Use



### ENERGY BY TYPE

Total	242 MBtus
Score basis	165 MBtus
Energy use per square foot	59 kBtu / ft <sup>2</sup>
Electricity	10772 kWh
Natural gas	1342 therms

### ENERGY COST ESTIMATES

Total annual energy costs	\$2,242
Energy cost per square foot	\$0.78 ft <sup>2</sup>
Electricity	\$0.105 / kWh
Natural gas	\$0.826 / therm

### DEFINITIONS & CONVERSIONS

MBtu	Million British thermal units; generic energy unit
kBtu	Thousand British thermal units; generic energy unit
kWh	Kilowatt-hour; electricity unit
Therm	100,000 Btu; heat energy unit
Electricity conversion	1 MBTU = 293 kWh
Heat conversion	1 MBTU = 10 therms

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## Roof / Attic



### ROOF / ATTIC 1

Attic floor area	870 ft <sup>2</sup>
Roof construction	Standard / Composition Shingles or Metal / R-0
Roof color	Medium Dark
Attic / ceiling type	Unconditioned attic
Attic floor insulation	R-19

### ROOF / ATTIC 2

Attic floor area	198 ft <sup>2</sup>
Roof construction	Standard / Composition Shingles or Metal / R-11
Roof color	Medium Dark
Attic / ceiling type	Cathedral ceiling

## Foundation



### FOUNDATION / FLOOR 1

Floor area	901 ft <sup>2</sup>
Foundation type	Conditioned basement / R-11
Foundation walls insulation	R-11

### FOUNDATION / FLOOR 2

Floor area	145 ft <sup>2</sup>
Foundation type	Vented crawlspace / R-0
Foundation walls insulation	R-0

## Walls



<u>WALL CONSTRUCTION</u>	<u>TYPE / EXTERIOR FINISH</u>	<u>INSULATION VALUE</u>
Front	Wood frame / Wood siding	R-3
Back	Wood frame / Wood siding	R-0
Right	Wood frame / Wood siding	R-0
Left	Wood frame / Wood siding	R-3

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## Windows & Skylights



WINDOW AREA

Front	67
Back	101
Right	68
Left	56

WINDOW CONSTRUCTION

Front	Double	Wood or Vinyl
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GLAZING

Clear

SKYLIGHTS ROOF / ATTIC 1

Present?	No
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SKYLIGHTS ROOF / ATTIC 2

Present?	No
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## Systems



### HVAC SYSTEM 1

Percent conditioned area served 100%  
 Heating type Central gas furnace  
 Heating efficiency value 78.0 % AFUE  
 Cooling type Central air conditioner  
 Cooling efficiency value 9.0 SEER

<u>DUCT SYSTEM 1</u>	<u>INSULATED?</u>	<u>SEALED?</u>	<u>PERCENT OF DUCTS IN THIS LOCATION</u>
Conditioned space	No	No	75%
Vented crawlspace	Yes	Yes	25%

### HOT WATER

System type Natural gas storage  
 Efficiency value 0.61 EF

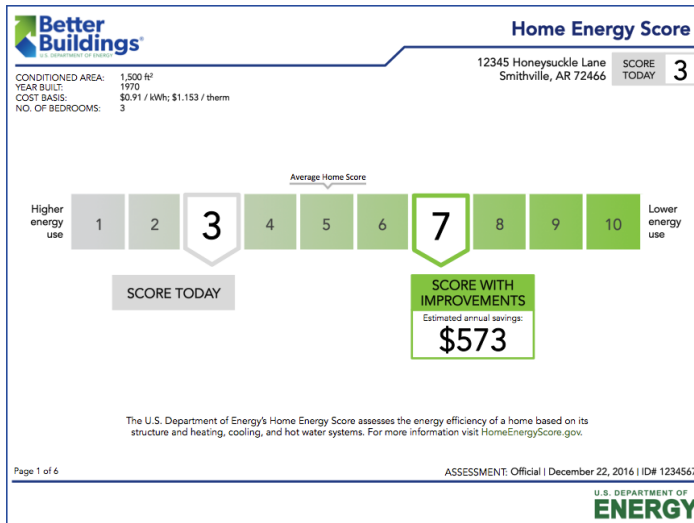
### Understanding Your Home Energy Score

After receiving your Home Energy Score, you may have some questions about what it means and how to improve your score. While your Home Energy Score Assessor will know the most about your score and your home, the information provided here gives additional background about the Home Energy Score.

Your Home Energy Score report is comprised of three parts: the Score itself, facts about your home and its estimated energy use, and recommendations to improve your home's score.

#### The Score Itself

The Home Energy Score uses a 1 through 10 scale where a 10 represents the most energy efficient homes. The scale is determined using U.S. Census housing data, and is adjusted for local climate. This way houses all over the country in different climates can be compared.



Things to remember about your Score:

- ▶ **It estimates a home's total energy use, not energy use per square foot.**

For this reason, if two homes are identical other than size, the larger home will generally score worse than the smaller home. The more volume a home has to heat or cool, the more energy is required.

- ▶ **Scoring a "1" does not mean your home is poorly built.**

A beautiful home with up-to-date equipment can still get a low score if the square footage is high or if there is insufficient insulation. A low score just means there is significant room for improvement to reduce a home's energy use.

- ▶ **Scoring a "10" does not mean your home cannot improve.**

Even a home that uses less energy than most of its peers may benefit from additional energy efficiency or renewable energy investments. If recommendations are provided with your Score, consider if those cost-effective measures make sense for your home.

#### Home Facts

The Home Facts section gives you all of the data the Assessor collected to calculate your Home Energy Score. In addition to providing facts about the building "envelope" (roof, foundation, walls, insulation, windows), energy systems (heating, cooling, hot water), and floor area, this section also provides energy use estimates for the home.

#### Recommendations

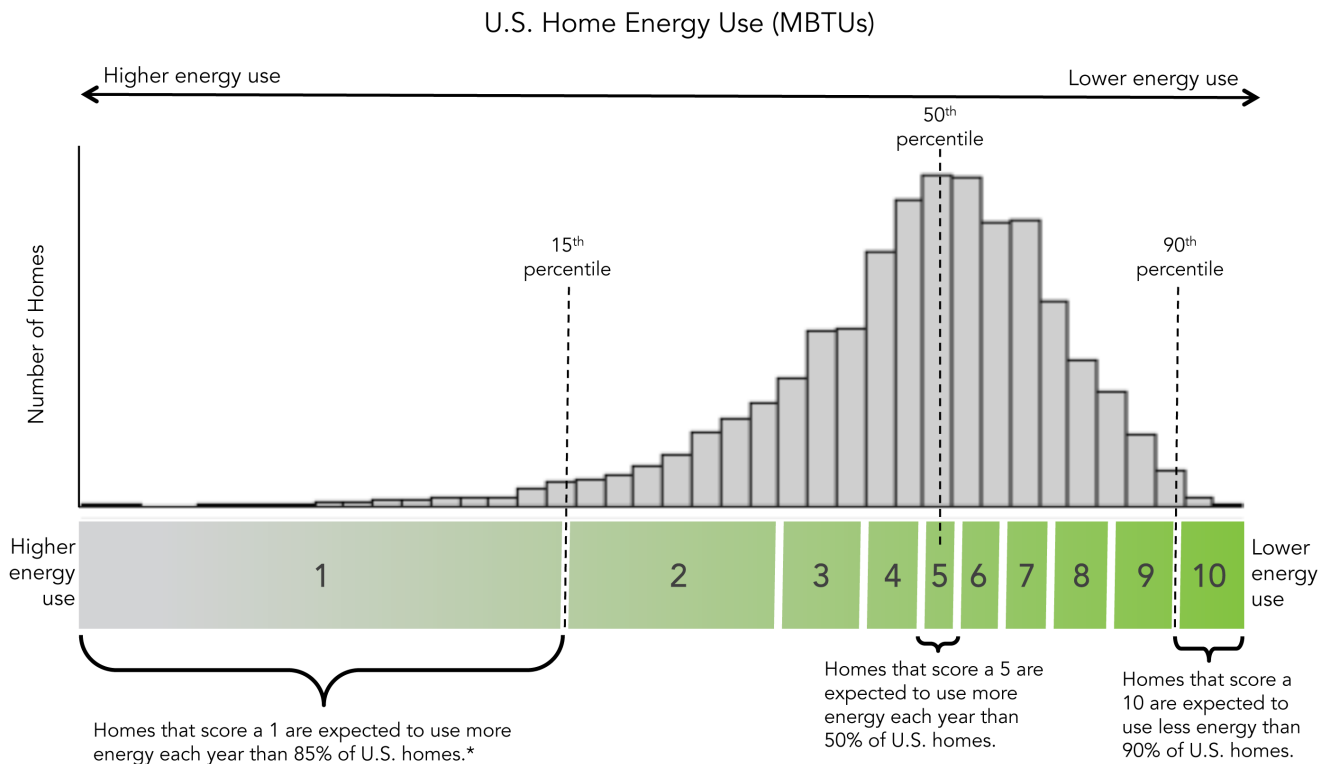
Recommendations that come with the Score are expected to pay back in ten years or less based on state average utility rates and national average installation rates. Assessors may provide different or additional recommendations that reflect local rebates or other incentives the Scoring Tool does not consider.

The **"Score with Improvements"** shows what your house would score if you incorporated all of the tool-provided recommendations. Your assessor will have the best sense of which improvements make the most sense for your home and your area.

#### Share the Score When Selling Your Home

Increasingly, Home Energy Scores are being included in the real estate market. If you are selling your home, ask your real estate agent to see if your home's score can be listed on local multiple listing services (MLSs). And when buying a home, be sure to ask for each home's Home Energy Score to make a well informed decision.

# Converting Home Energy Use into the Home Energy Score



\*Based on 2009 U.S. Census data. Method normalizes for local weather conditions and standard operations assumptions.

## Understanding the Score's Method

The graphic above may help you understand how U.S. Census home energy data has helped inform the Home Energy Score scale. The bar graph shows home energy use data for the nation based on U.S. Census surveys, and the Home Energy Score's scale below is stretched to show how homes score based on their energy use.

If your home scores a 5, it is expected to perform comparably to an average home in the U.S. in terms of energy use. If your home scores a 10, it ranks among the ten percent of U.S. homes expected to use the least amount of energy after accounting for climate. A home scoring a 1 is estimated to consume more energy each year than 85 percent of U.S. homes, again after accounting for local climate. To learn more about this data, visit [EIA.gov](http://EIA.gov) and search "2009 RECS Data".

## More Questions?

Talk to your Assessor about what the Score means for your home, or visit our website at [www.HomeEnergyScore.gov](http://www.HomeEnergyScore.gov).

## Key Features of the Home Energy Score

- ▶ An energy efficiency score based on the home's envelope and heating, cooling, and hot water systems
- ▶ A total energy use estimate, as well as estimates by fuel type assuming standard operating conditions and occupant behavior
- ▶ Recommendations for cost-effective improvements and associated annual cost savings estimates
- ▶ "Score with Improvements" reflecting the home's expected score if cost-effective improvements are implemented