

WHY NEW HOMES BURN FASTER THAN OLDER ONES

Modern homes burn up to 8x faster

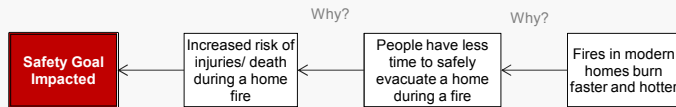
Research has shown that new homes burn up to eight times faster than older homes. What this means is that people have less time to get out of a house when a fire starts - a lot less time. People living in older homes with traditional furnishings were estimated to have about 17 minutes to safely evacuate a home, but the time decreases to about three minutes in a home built with modern materials and furnished with newer, synthetic furniture.

Cause Map

"Today we have many more synthetic materials in our homes. Synthetic materials are not bad, but today the backing on your carpeting, the drapes, even the stuffing in your mattress and your pillows is synthetic material. And this does burn hotter and faster, and this is something that homeowners should be very much aware of."

-John Drengenberg, consumer safety director for Underwriters Laboratories

Basic Level Cause Map - Start with simple Why questions.

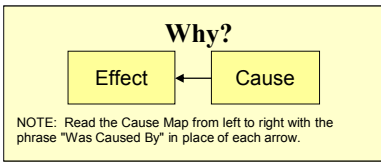
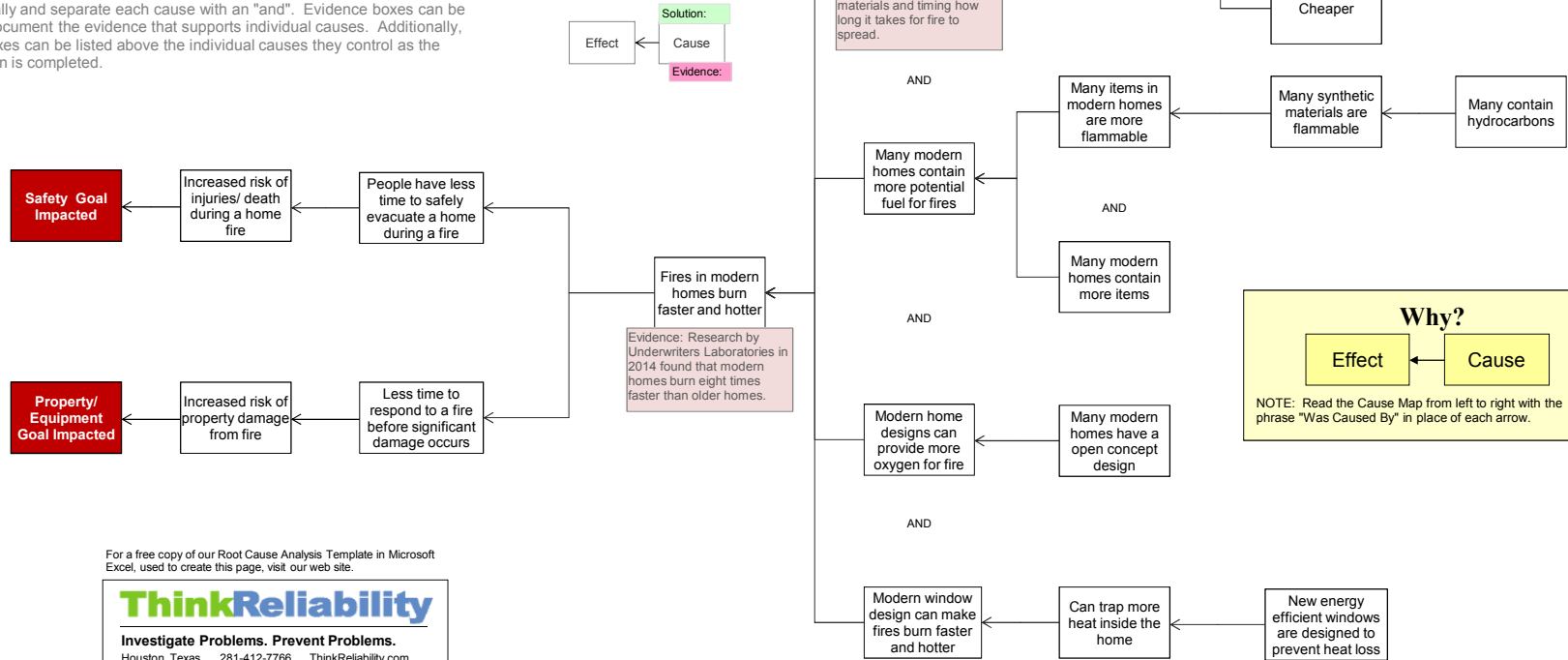


Basic Cause-and-Effect

The first step to building a Cause Map is to start asking "why" questions and document the answers in cause boxes to visually lay out the cause-and-effect relationships.

More Detailed Cause Map - Add detail as information becomes available.

To add additional cause to the Cause Map, ask additional "why" questions. When more than one cause is required to produce an effect, add all causes to the Cause Map vertically and separate each cause with an "and". Evidence boxes can be added to document the evidence that supports individual causes. Additionally, solution boxes can be listed above the individual causes they control as the investigation is completed.



For a free copy of our Root Cause Analysis Template in Microsoft Excel, used to create this page, visit our web site.

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