Reduce your food safety risks while thawing

If you thaw the turkey in the fridge, plan ahead as it may take 3-4 days to fully thaw (cooking a partially thawed turkey increases your risk of food poisoning).

Thawing in or under water can be messy and lead to cross-contamination risks.

Using a microwave to thaw can result in non-uniform thawing. Parts may be cooked while other parts remain frozen.

Thawing on the counter provides an ideal environment for nasty bacterial growth on the outside of the turkey.

Regardless of the thawing method, to minimize cross-contamination risks, the frozen turkey should be left in the original frozen package. Plastic can be wrapped around the outside to keep meat juices from dripping on ready to eat foods below, or the bird can be placed in a pan to catch the juices.

**The biggest risk comes from undercooking the turkey**

Color is not an indicator of safety or doneness. Often, there are suggestions in recipes about turkey being done when "the juices run clear" or when the pop-up button pops. That's a myth. The only way to know whether the turkey is done is with a tip-sensitive digital thermometer reading 165°F. Stick it in to multiple spots and ensure the thermometer doesn’t touch the bone.

**Leftovers**

Refrigerate leftover turkey within 2 hours of taking it out of the oven. Turkey should be cooled to 41°F quickly and this is best accomplished by putting the sliced up leftover turkey in a 1 quart resealable bags and laying the bags flat in the refrigerator.

For more information contact Ben Chapman, benjamin_chapman@ncsu.edu or Doug Powell, dpowell@ksu.edu