# Food Safety





### for Families

# Home - a great place to FightBAC!™

The way food is purchased, handled, cooked and stored at home is often taken for granted by children, but home is the place where most of us learn the habits we exhibit throughout our lives.

Older children – moving out and living on their own for the first time often have a myriad of questions about shopping, cooking, cleaning and storing food. 'Calling home' is their first action when seeking reliable information.

While Canadian families are becoming more aware of the importance of handling foods safely - safe food handling practices and the FightBAC!™ messages of cook, clean, separate and chill need to be modeled and taught in the home.

When handling food for the family, take the time to explain why you do what you do. Share the messages and tips for safe food handling found in this publication, with all family members – young and old, and then pass it on.



The Canadian Partnership for Consumer Food Safety Education is a unique coalition of industry, consumer, government, health and environmental organizations working together to improve consumer understanding of foodborne illness and the measures that can be taken to decrease the risk of illness.

# How's your food safety savvy?

Canada's food supply is considered one of the safest in the world and Canadians should be proud. However, food safety doesn't just happen, many people play a vital role in keeping our food safe - farmers, fishermen, processors, grocers and you, the consumer.

According to Health Canada, an estimated two million Canadians are affected each year by foodborne illness - commonly known as food poisoning. Many cases go unreported because the symptoms resemble other digestive illnesses. Handling food safely, in the home, in processing plants and everywhere food is sold is the key to preventing foodborne illness.

Research and technological advances over the past 25 years have led to many changes in farming, food processing and eating habits. Unfortunately, in many cases, the way consumers prepare and

handle food in the home has changed very little. Food handling practices, which have been in the family for years, may be leaving you exposed to foodborne illness.

It's time to  $FightBAC!^{TM}$  – eliminate the bacteria responsible for foodborne illness.  $FightBAC!^{TM}$  is a national awareness campaign designed to educate and promote safe food handling practices. Assess your current food safety habits and compare them to the *Fight*BAC!™ messages - Clean, Separate, Cook and Chill. Then tell your friends, children and grandchildren and encourage them to join you in the national effort to *Fight*BAC!™

### Foodborne illness can be deadly!

In general, foodborne illness is not long lasting, but in some cases it can be severe, even deadly.

- Foodborne illness occurs when a person eats food contaminated with microscopic, disease-causing organisms, such as bacteria, viruses and parasites. Illness and symptoms will vary according to the type and amount of these organisms present in the food.
- The most common symptoms may include stomach cramps, nausea, vomiting, diarrhea, headache and fever, or any combination of these.
- These symptoms can occur several hours or several days after eating contaminated food.
- Older adults, young children, pregnant women and people with weakened immune systems are more susceptible to severe bouts of foodborne illness and should therefore be more vigilant about food selection – avoid high risk foods (see page 7), and handle food safely.
- The good news foodborne illness can be prevented. Make sure you're up-to-date on how to *Fight*BAC!™.

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### Clean

Wash hands and surfaces often

#### Wash fresh produce

Whether they come from your garden, the market, or the store—fruits and vegetables should be washed just before serving. They should never be consumed without being washed.

- Wash produce under clean, potable, running water.
- Use a vegetable scrub brush on produce with a firm skin such as carrots, potatoes, melons and squash.
- Always wash produce, such as squash, melons and oranges, even if you don't eat the outer rind. Bacteria on the outer
  - surface can be transferred to the inner flesh when the item is cut or peeled.
- Discard outer leaves of leafy vegetables and under clean, potable, running water—making sure all dirt has been

responsible for foodborne illness and as you handle them you can cross-contaminate other foods and working surfaces.

### Here's how to *Fight*BAC!™

- Wash your hands for 20 seconds with soap and warm water before and after handling food, using the bathroom and handling pets.
- Wash your cutting boards, dishes, utensils and counter tops with soap and warm water after preparing each food item and before you go on to the next food.
- Once cutting boards (including plastic, non-porous, acrylic and wooden boards) become excessively worn or develop hard-to-clean grooves—replace them.
- Wash cloth tea towels and dish cloths often in the hot cycle of a washing machine. Consider using paper towels to clean up kitchen surfaces.

Bacteria can be present throughout the kitchen—on cutting boards, utensils, sponges and counter tops. Meat, poultry, seafood, eggs, fruits and vegetables may carry bacteria

- For added protection, use a commercial kitchen sanitizer as directed or make your own bleach solution. Mix 5 mL (1 tsp) of household bleach to 750 mL (3 cups) of water.
  - Occasionally sanitize cutting boards by flooding the board with the bleach solution. Let it stand a few minutes and then rinse thoroughly with clean, potable, running water.

Proper hand washing may eliminate nearly half of all cases of foodborne illness and significantly reduces the spread of the common cold and flu.

wash produce thoroughly removed.

Do not use detergent or bleach on fruit and vegetables. Porous produce can absorb these products and neither detergent nor bleach is intended for use on foods.

Clean, potable, running water and a vegetable scrub brush are sufficient for cleaning produce.

**CLEAN** CHILL Safe

Chill

Chill it promptly!

**Keep foods** 

hotter than

60°C (140°F)

cold temperatures won't kill the bacteria, but it will prevent most types from multiplying. It is essential to refrigerate or freeze perishable foods, prepared foods and leftovers within The

At room temperature, bacteria in food can double every 20 minutes. Freezing foods or storing them at

> 2 hours of purchase or consumption. The fewer bacteria—the less likely you will become ill.

Two-Hour Rule Refrigerate or freeze

perishables, prepared food and leftovers, within two hours. Discard food left at room temperature longer than two hours. This includes food in the car, picnics and food left on the counter.

#### Here's how to FightBAC!TM

- Set your refrigerator at 4°C (40°F) or colder and your freezer at -18°C (0°F). Check the temperature occasionally with an appliance thermometer.
- Don't pack the refrigerator with food—cold air must circulate to keep food safe.
- Marinate foods in the refrigerator.
- Store eggs in their original carton. Although your refrigerator may have an egg tray on the door, these areas are not cold enough.
- Refrigerate leftovers within 2 hours. Today's refrigerators are designed to chill warm food items without causing damage to the appliance. To aid the cooling process, separate large quantities into shallow containers and cover once cooled.

#### When shopping

- Read and follow label instructions such as "Keep refrigerated", "Best before", "Refrigerate after opening" and "Keep frozen".
- Pick up all refrigerated and frozen foods last. Refrigerate or freeze food within two hours of purchase. Use a cooler in your car on hot days or when the trip home will take more than an hour.

#### The Danger Zone is between 4°C (40°F) and (

60°C (140°F)

**-** 140°F

4°C -40°F Keep foods below 4°C (40°F) -18°C -

#### Keep Hot Foods Hot & **Cold Foods Cold!**

- Use a cooler with ice to transport food in the car.
- Use ice packs or frozen drinking boxes to keep lunches cool.
- Use insulated bags or hot packs in coolers to transport hot food. It may be necessary to reheat items to a safe internal temperature when you reach your destination.

Cross-contamination is the process of spreading bacteria from one product to another. Bacteria can be spread to food by coming into direct contact with contaminated food, kitchen utensils or counter surfaces.

This is especially important when handling raw meat, poultry and seafood. Keep these foods and their juices separate from other foods.

#### Here's how to *Fight*BAC!™

- Separate raw meat, poultry and seafood from other foods in your grocery cart and in your refrigerator.
- Use two cutting boards, one for raw meat, poultry and seafood, and a second one for washed, fresh produce and other ready-to-eat foods. The use of separate cutting boards is common practice in commercial kitchens and should be in the home as well.
- Always wash hands, cutting boards, dishes, knives and utensils with soap and warm water after they come in contact with raw meat, poultry, seafood, eggs and unwashed fresh produce.



hed fresh produce.

Always place cooked food on a clean plate. Do not use an unwashed plate as bacteria from the raw food will contaminate your

cooked food.

### Board Games plastic vs wood

There is no evidence to support one type of cutting board—hard wood or plastic—over the other, but the following advice will help keep them free of bacteria:

- use two cutting boards one for raw meat, poultry and seafood and one for washed fresh produce and ready-to-eat foods
- wash with soap and warm water after each use
- use a bleach solution to kill microbes; then rinse well and air dry or dry with a clean cloth
- replace boards or sand wooden boards when they become grooved and worn

# Separate

Don't cross-contaminate

#### At the grocery store

- In the grocery cart, be careful juice from raw meat, seafood or poultry does not drip onto other foods. Place them in a plastic bag before placing in your cart.
- Don't allow raw meat, seafood or poultry to be bagged with other groceries.
- If you find juice dripping from raw meat, poultry or seafood on display in the grocery store, tell a manager. Food safety is everyone's responsibility.

#### In your refrigerator

 Place raw meat, seafood and poultry in a container on the bottom shelf of your refrigerator so it cannot drip onto other foods.

Food safety experts agree foods are properly cooked when they are heated for a long enough time and at a high enough temperature to kill harmful bacteria responsible for foodborne illness.

#### Here's how to FightBAC!™

- Use a clean food thermometer, which measures the internal temperature of cooked foods, to make sure meat, poultry, casseroles and other foods are properly cooked all the way through.
- Eggs should be cooked thoroughly to proper temperature.
- Fish should be opaque and flake easily with a fork.
- When cooking in a microwave oven, make sure there are no cold spots in food where bacteria can survive. To do this, cover food, stir and rotate the dish by hand once or twice during cooking—unless you have a turntable in the microwave. Allow for standing time. All of these steps are necessary for thorough cooking or reheating of food. Use a food thermometer to make sure foods have reached a safe internal temperature.

#### Reheating leftovers

- Reheat solid foods quickly to an internal temperature of at least 74°C (165°F).
- Reheat and stir soups, stews, sauces and gravies to a rolling boil.
- Follow the microwave manufacturer's instructions when reheating leftovers, since microwaves vary.
- Discard unused portions of reheated leftovers.
- NEVER use your nose, eyes or taste buds to judge the safety of food. You cannot tell if a food may cause foodborne illness by its smell, look or taste. "If in doubt, throw it out!"

### Cook

Cook to proper temperatures

# "I never use a thermometer."

### Does this sound familiar?

While there are many ways to test when meat, poultry and seafood are done (juices run clear, meat falls off bone, meat patties are brown), or when casseroles are properly reheated (casserole is hot and bubbling) these methods can be misleading. To ensure food has been cooked to a safe temperature, use a food thermometer. A variety of food thermometers are available, but the easiest to handle is a digital model. They are

digital model. They are easy to read, provide quick readings and can be used at various stages of cooking. Always wash thermometers between readings! Keep your food thermometer handy and use it ... It's worth the effort!

### Cooking Temperatures





#### Safe thawing

Food should not be thawed at room temperature.

Three acceptable ways to safely thaw foods are: in a refrigerator, in a microwave or immersed in cold water.

- Generally, it will take five hours to thaw half of a kilogram or one pound of meat or poultry in a refrigerator.
- When thawing by microwave, cook the food immediately following the thawing process.
- If you thaw food using cold water, keep the food in its original wrapping and change the water every half hour to ensure the water remains cold. If raw meat comes in contact with sinks and kitchen surfaces, remember to wash them immediately.





#### An industry standard chart

### Recommended internal cooking temperature

#### **Ground Meat**

| Beef, pork, veal | .71°C (160°F) |
|------------------|---------------|
| Chicken, turkey  | .80°C (176°F) |

#### Fresh Beef

| Rare       60°C (140°F         Medium       71°C (160°F         Well done       77°C (170°F | ) |
|---|---|
| Rolled beef roasts or steaks  | ) |
| Beef minute steak   | ) |

#### Fresh Pork

| Pork chops             | 71°C (160°F) |
|------------------------|--------------|
| Roasts                 | 71°C (160°F) |
| Fresh cured ham        | 71°C (160°F) |
| Cooked ham (to reheat) | 60°C (140°F) |

#### **Poultry**

| Chicken, turkey—whole, stuffed | 82°C (180°F) |
|--------------------------------|--------------|
| Chicken—whole, unstuffed       | 82°C (180°F) |
| Turkey—whole, unstuffed        | 77°C (170°F) |
| Chicken, turkey—pieces         | 77°C (170°F) |

#### Stuffing

| Cooked alone | 74°C | (165°F) |
|--------------|------|---------|
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#### Eggs & Egg Dishes

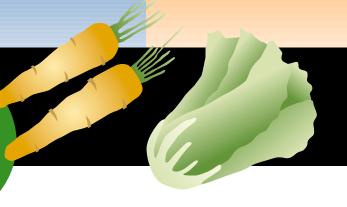
Thanks to the following industry groups for their input to the cooking chart:

Beef Information Centre Canadian Egg Marketing Agency Canadian Pork Council Canadian Turkey Marketing Agency Chicken Farmers of Canada

# **Storage Chart**

For refrigerators and freezers

Refrigerator Freezer 4°C (40°F) -18°C (0°F) Keep
it safe!
Follow the
"Best before"
date!



| Refrigerator | Freezer    |  |
|--------------|------------|--|
| 4°C (40°F)   | -18°C (0°F |  |

| Fresh Meat |  |  |  |
|------------|--|--|--|

| Beef—steaks, roasts | . 2-4 days | 10-12 months  |
|---------------------|------------|---------------|
| Pork—chops, roasts  | . 2-4 days | . 8-12 months |
| Lamb—chops, roasts  | . 2-4 days | . 8-12 months |
| Veal roasts         | . 3-4 days | . 8-12 months |
| Ground meat         | . 1-2 days | . 2-3 months  |

#### Fresh Poultry

| Chicken, turkey—whole  |                   |
|------------------------|-------------------|
| Chicken, turkey—pieces | 2-3 days 6 months |

#### Fresh Fish

| Lean fish (i.e., cod, flounder) 3-4 days 6 r     | nonths |
|--|--------|
| Fatty fish (i.e., salmon) 3-4 days 2 r           | nonths |
| Shellfish (clams, crab, lobster) 12-24 hours 2-4 | months |
| Scallops, shrimp, cooked shellfish 1-2 days 2-4  | months |

#### Ham

| Canned ham                        | . 6-9 months | Don't Freeze |
|-----------------------------------|--------------|--------------|
| Ham, fully cooked (half & slices) | 3-4 days .   | 2-3 months   |

#### **Bacon & Sausage**

| Bacon                               | 1 week     | . 1 month  |
|-------------------------------------|------------|------------|
| Sausage, raw (pork, beef, turkey) . | . 1-2 days | 1-2 months |
| Pre-cooked, smoked links or patties | s 1 week   | 1-2 months |

#### Leftovers

| Cooked meat, stews, egg or |            |            |
|----------------------------|------------|------------|
| vegetable dishes           | . 3-4 days | 2-3 months |
| Gravy & meat broth         | . 1-2 days | 2-3 months |
| Cooked poultry and fish    | . 3-4 days | 4-6 months |
| Soups                      | . 2-3 days | 4 months   |

#### Hot Dogs & Lunch Meats

| Hotdogs     | 2 weeks  | 1-2 months |
|-------------|----------|------------|
| opened      | 1 week   |            |
| Lunch meats | 2 weeks  | 1-2 months |
| opened      | 3-5 days | 1-2 months |

#### Deli Foods

| Deli meats        | . 3-4 days | 2-3 months   |
|-------------------|------------|--------------|
| Store-prepared or |            |              |
| homemade salads   | . 3-5 days | Don't freeze |

#### **TV Dinners / Frozen Casseroles**

| Voon frozon until roady to corve  | 3-4 months |
|-----------------------------------|------------|
| Reed Hozell ulltil leady to serve |            |

| _ |   |   |    |
|---|---|---|----|
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| Fresh—in shell . | 3-4 weeks | Don't Freeze        |
|------------------|-----------|---------------------|
| out of shell     | 2-4 days  | 4 months            |
| Hardcooked       | 1 week    | Doesn't freeze well |
| Egg substitutes, | 10 days   | Don't freeze        |
| opened           | 3 days    | 1 vear              |

#### **Dairy Products**

| Milk           | . Check best before date 6 weeks               |
|----------------|--|
| opened         | 3 days   |
| Cottage cheese | . Check best before date . Doesn't freeze well |
| opened         | 3 days   |
| Yogurt         | . Check best before date 1-2 months            |
| opened         | 3 days   |
| Cheese         |  |
| soft           | 1 week Doesn't freeze well                     |
| semi-soft      | 2-3 weeks 8 weeks                              |
| firm           | 5 weeks 3 months                               |
| hard           | 10 months Up to a year                         |
| processed      | Several months 3 months                        |
| opened         | 3-4 weeks Don't freeze                         |
| Butter         | 8 weeks salted—1 year                          |
|                | unsalted—3 months                              |
| opened         | 3 weeks Don't freeze                           |

#### Commercial mayonnaise

| (refrigerate     | after | opening) | 2 months | Don't freeze                  |
|------------------|-------|----------|----------|-------------------------------|
| (I CII I SCI atc | arter | opening) |          | · · · · · · · · · Don t necze |

#### Vegetables

| Beans, green or waxed | 5 days       | 8 months     |
|-----------------------|--------------|--------------|
| Carrots               | 2 weeks      | 10-12 months |
| Celery                | 2 weeks      | 10-12 months |
| Lettuce, leaf         | 3-7 days     | Don't freeze |
| Lettuce, iceberg      | 1-2 weeks .  | Don't freeze |
| Spinach               | 2-4 days     | 10-12 months |
| Squash, summer        | 1 week       | 10-12 months |
| Squash, winter        | 2 weeks      | 10-12 months |
| Tomatoes N            | ot recommend | ed 2 months  |



### **Food Storage**



### **Is it Safe?**Frequently Asked Questions

#### Moldy Cheese - the good, the bad and the unsafe!

Cheese-makers use cultured molds to produce the colorful veins in flavorful Stilton, Roquefort, Blue and Gorganzola cheeses. Mold also gives cheese like Brie and Camembert their delicious edible rinds - these are 'good' molds.

Some molds cause spoilage by growing on the surface of cheese. They produce streaks of discoloration, clumps of blue, green or white fuzzy looking growths - these molds are bad and unsafe to eat!

If mold forms on hard or firm cheese (cheddar, parmesan), generously trim off mold plus 2.5 cm (1 inch) of cheese surrounding it. Wrap the trimmed cheese in new waxed paper or plastic warp and refrigerate.

Discard fresh cheese, soft cheese and processed cheese that is moldy. It is difficult to judge how far the mold has penetrated – so do not keep or eat it.

To prevent mold growth on cheese, refrigerate cheese sealed in its original packaging until ready to use. Once opened, wrap the cheese tightly in waxed paper or plastic wrap and keep refrigerated. If moisture has condensed on the cheese, wipe it off with a clean paper towel before rewrapping.

#### Freezer Burn

'Freezer burn' is due to dry spots on food and can be prevented with proper packaging. Dry spots can be cut away and the food safely eaten. While it is safe to freeze foods in their supermarket wrappings, many supermarket wrappings are air permeable – so, to maintain food quality, overwrap packages with airtight heavy-duty foil, plastic wrap or freezer paper, or place packages inside a plastic bag. Date packages and use the oldest items first.

#### Slightly cracked or dirty eggs in carton

When using eggs:

- Ensure eggs are clean and the shells are not cracked. If the shell is dirty or cracked then bacteria on the outside of the egg can slowly pass through the egg and cause it to spoil. Eggs should always be kept refrigerated to prevent any bacteria from growing. Discard cracked and dirty eggs.
   Store eggs in their original carton on a shelf in the refrigerator.
- Always use fresh, Canada Grade A eggs that have been refrigerated. The 'best before' date on the carton will help determine freshness.
- Serve all egg-rich products immediately after preparing or store in the refrigerator.
- Avoid eating cookie and cake batter containing raw egg product.

#### Best before date - milk products

The 'best before' date indicates how long the unopened product will retain its freshness and high quality. Once opened, the 'best before' date no longer applies and the storage life depends on how the product is stored. All opened milk products are perishable, including canned and packaged shelf milk. Once opened, milk products should be refrigerated, and used within 3 days. After purchasing milk or cream, store promptly on a refrigerator shelf.

For canned food and leftovers

#### Storing canned food

- Store in cool, clean, dry place.
- Date canned goods at purchase and consume them within 1-2 years or before their "Use by" date if applicable.
- Never use or purchase foods from jars with loose or bulging lids or from bulging, leaking or badly dented cans.

"First in" ... "First out" ...

A good rule for using and storing

canned food.

#### Storing leftovers

- Refrigerate leftovers within 2 hours. Discard if left out for more than 2 hours.
- Never remove a large pot of very hot food (such as soup, stew, or pasta sauce) from the stove and place directly in the refrigerator. Large masses of food can take hours or days to chill properly. A slow cooling process provides an ideal environment for the growth of harmful bacteria.
- Very hot items can be cooled at room temperature for approximately 30 minutes prior to being refrigerated. Frequent stirring or a cold water bath accelerates the cooling at this stage.
- Refrigerate or freeze leftovers in shallow containers and cover once cooled. Food will cool faster in shallow containers.
- Remove bones from large pieces of meat or poultry and divide them into smaller portions before storing.
- Date leftovers to ensure freshness—eat leftovers as soon as possible. Once thawed, leftovers should be eaten within four days.
- · Always put leftovers in clean containers and never mix them with fresh food.

#### Locker Lunches - keep them safe!



Families work hard to prepare nutritious lunches and creative snacks for those endless lunch boxes. But do you put as much effort and planning into the safe storage and packing of those mid-day meals?

Many nutritious lunch foods are perishable, such as, deli-style sandwiches, dairy-based dips, dressings, cheese snacks, yogurts and milk products. While we would never choose to store these items in a hot

cupboard in the kitchen, they sit in back packs and hot lockers for hours, before being consumed.

Reusing plastic water bottles as drink containers is common practice with many Canadian families. However, plastic water bottles should be used as intended – as water containers, not juice. As well, they should be washed and sanitized regularly to prevent bacteria growth.

#### Lunch box packaging, storing and handling tips:

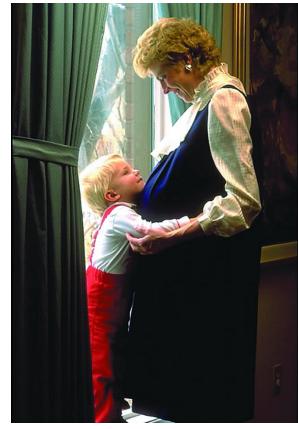
- Add an ice-pack to lunch bags, or alternatively freeze a juice box or dairy item (yogurt) that will be almost thawed and ready to eat by lunch time
- Invest in an insulated lunch bag or box, or double-bag the lunch
- Wash lunch boxes and bags everyday
- Use a brush to properly clean drinking containers and discard container when worn
- Keep hot lunches (thermoses) hot!
- If a class room has a microwave, make sure your child knows how to properly reheat their lunch
- Teach children why and how to care for their lunch bag
- Wash hands, wash hands, wash hands before eating!

### High Risk Foods

For older adults, pregnant women, young children and people with weakened immune systems

The following foods have been linked to outbreaks of foodborne illness. These foods must be fully cooked to eliminate bacteria and therefore should be avoided in a raw, or semi-cooked state.

- Raw fin fish and shellfish including oysters, clams, mussels and scallops.
- Raw or unpasteurized cow or goat milk or foods made from unpasteurized milk. If you do use cheeses made from unpasteurized milk, consume only those that have been aged 60 days or longer.
- Soft cheeses such as feta, brie, camembert, and queso blanco fresco.
- Raw or lightly cooked egg or egg products including salad dressings, cookie or cake batter, sauces, and beverages such as homemade eggnog. Foods made from commercially pasteurized eggs have a reduced risk. If you choose to make eggnog with whole eggs, heat the milk mixture to 71°C (160°F).
- Raw meat or under cooked poultry.
- Raw sprouts such as alfalfa, clover, radish and mung beans.
- Unpasteurized fruit juice and cider.



#### **Food Gifts and Food Safety** While homemade flavoured oils are popular and tasty gifts, they have a limited shelf life of one week and must be kept refrigerated at all times. Oils made with fresh foods, such as garlic and herbs, pose the greatest risk. These products are often sold at fairs and farmers' markets, and are frequently sold unrefrigerated. Before purchasing, ensure these oils are refrigerated and check the preparation date. Do not purchase them if they are more than one week old or if sold unrefrigerated. Commercially prepared products stored in oil and

containing an acid (such as vinegar) or salt in their list of ingredients are generally considered to be safe. They should be refrigerated after opening and between each use.

#### Listeriosis

Listeria monocytogenes is a bacterium that can be found in soil and water. The bacterium has been found in a variety of raw foods, such as uncooked meats and vegetables, as well as in processed foods that become contaminated after processing, such as soft cheeses and cold cuts at the deli counter. Foods made from unpasteurized (raw) milk may contain the bacterium. Listeria is killed by pasteurization, and heat processing. Although foods processed in Canada follow strict guidelines, soft cheeses, pâté and smoked fish have been linked to listeriosis. Persons at high risk are most susceptible to developing listeriosis and should therefore avoid these types of foods. Refrigerated smoked fish products can be eaten safely when fully cooked (e.g. in a casserole). Hot dogs, luncheon meats, or deli meats, should be reheated until steaming hot before being eating. Also, avoid crosscontaminating other foods, utensils, and food preparation surfaces with fluid from hot dog packages, and wash hands after handling hot dogs, luncheon meats, and deli meats.

#### Pasteurized vs. unpasteurized fruit juice and cider

Pasteurized juice and cider have been treated to kill harmful bacteria and prolong shelf life. They do not pose a risk to health. Pasteurized juice is generally packaged in bottles, cans and juice boxes and can be found unrefrigerated on grocery store shelves.

Most unpasteurized fruit juice and cider (freshly pressed) is sold from local orchards, roadside stands, and juice bars and in refrigerated cases or on ice in the produce section of grocery stores. These types of juice and cider have not been treated and this means the product may contain bacteria harmful to your health.

In Canada, two outbreaks of foodborne illness—one in 1980 and one as recently as 1998—were linked to unpasteurized apple cider. People who fall into the high-risk category should avoid consuming unpasteurized products.

For more information visit Health Canada website: www.hc-sc.gc.ca/food-aliment



### Family Fun - Food Safety Survey

Have a young family investigator ask the following questions to at least three family members (try to include parents, grandparents, teenagers and anyone who cooks or prepares food for themselves or others).

#### **CLEAN** • Do you regularly:

- 1. Wash hands with warm water & soap for 20 seconds before preparing food?
- 2. Wash hands with warm water & soap for 20 seconds before eating?
- 3. Clean countertops before preparing food?
- 4. Rinse fruits & vegetables with cold running water before preparing them?
- 5. Wash kitchen dish cloths or sponges?

#### **SEPARATE** • Do you regularly:

- 6. Clean & disinfect the cutting boards used for raw meat, fish and poultry before using for any other foods?
- 7. Keep raw meat, fish and poultry wrapped properly and kept separately in the refrigerator so juices do not drip on other foods?
- 8. Put cooked meat, fish or poultry on a different platter than the one with the raw juices?

#### **COOK** • Do you regularly:

- 9. Rotate or stir food in the microwave to avoid 'cold spots?'
- 10. Bring sauces, soups and gravy to a boil when reheating?
- 11. Make sure eggs are cooked until the yolk is solid?
- 12. Avoid eating cookie dough or cake batter that was made with raw eggs?
- 13. Use a food thermometer when cooking meat, poultry and fish?

#### **CHILL** • Do you regularly:

- 14. Use a cold pack for packed lunches or picnic foods?
- 15. Refrigerate leftovers right away?
- **16.** Choose shallow containers to store leftovers or stir leftovers to promote rapid cooling of foods?
- 17. Defrost foods in the refrigerator, in cold water or in the microwave?

#### **SURVEY SUMMARY**

TOTAL

| Yes or No Answers | 1        | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | Yes | No |
|-------------------|----------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|-----|----|
| NAME:             |          |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |     |    |
|                   |          |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |     |    |
| NAME:             |          |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |     |    |
|                   |          |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |     |    |
| NAME:             |          |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |     |    |
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# Food safety ambassadors

In most communities across Canada, kitchens can be found in churches, community centres, private clubs and condominium complexes. These kitchens are used by a number of people for potluck suppers, senior luncheons or other community functions. Poor food handling practices can lead to foodborne illness.

Whether food is prepared at home and brought to the event, catered or prepared on site, when cooking for a group—food safety is everyone's responsibility. Clean, Separate, Cook, Chill—following these four steps will help make your event safe.

The Canadian Partnership for Consumer Food Safety Education encourages you to become a Food Safety Ambassador by taking the FightBAC!™ messages to your community events. Remind everyone to make food safety a priority.



#### **Acknowledgements**

#### Who We Are

The Partnership is a group of over 50 public and private sector organizations dedicated to helping consumers handle, store and prepare food safely. With support from our members across the country, the Partnership is focused on teaching Canadians about food safety with a goal of reducing the incidence of foodborne illness. Thanks to all of our members for their support.

#### Level I Partners

Agriculture & Agri-Food Canada\*
Canadian Council Grocery Distributors\*
Canadian Egg Marketing Agency\*
Canadian Food Inspection Agency\*
Canadian Meat Council\*
Canadian Poultry & Egg Processors Council\*
Canadian Produce Marketing Association\*
Chicken Farmers of Canada\*
Health Canada\*
Ontario Ministry of Agriculture & Food

#### Level II Partners

Beef Information Centre\* Canadian Cattlemen's Association Canadian Turkey Marketing Agency\*

#### Level III Partners Canada Pork\*

Canadian Federation of Agriculture\*
Canadian Federation of Independent Grocers\*
Canadian Meat Science Association
Capital Health
Food and Consumer Products Manufactuers of Canada
Further Poultry Processors Assoc. Of Canada\*
Manitoba Agriculture & Food
Manitoba Health
Manitoba Conservation
Province of Manitoba Food Safety Partners
New Brunswick Department of Health and Wellnes
Soap & Detergent Association of Canada
Vancouver Coastal Health Authority

#### Level IV Partners

Algoma Health Unit BC 4-H Provincial Council Boyne Lodge-Regional Health Auth. Central MB Ceridian Canada Chicken Farmers of Nova Scotia City of Ottawa Public Health Consumers' Association of Canada\* Eastern Ontario Health Unit Environmental Health Environmental Health Foundation of Canada\* Farm Folk/City Folk Federated Women's Institutes of Ontario Food Safety Info Line Fraser Health Authority Guelph Food Technology Centre Kidney Foundation of Canada Muskoka Parry Sound Health Unit National Institute of Nutrition

Nova Scotia Dept of Agriculture and Fisheries

Nutrition Resource Centre, Ont Public Health Assoc.

Ontario Family Studies Leadership Council Ontario Farm Women's Network Ontario Independent Meat Processors Ontario Public Health Association Oxford County Board of Health Parents Providing Care Region of Peel Health Dept. Regional Municipality of Halton Waterloo Region Community Health Dept. Yukon Health & Social Services

\*Founding Member

#### **International Affiliate**

United States Partnership for Food Safety Education

#### Associate Members

Maple Leaf Foods University of Waterloo

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