

CHAPTER 16

FOOD PRESERVATION AND SAFETY ISSUES

OVERVIEW

This chapter covers an array of food safety issues. Foodborne illness and its symptoms and causes are discussed at length. The organisms that most commonly cause, foods most associated with, and measures to prevent illness are described. Microorganisms of most significance are presented in detail. The purpose, regulation and safety of food additives are addressed. The government's role in regulating these substances is discussed briefly throughout the chapter. Substances that occur naturally in foods that can cause illness, and environmental contaminants are also covered including a Looking Further section addressing issues surrounding caffeine use. Another Looking further section examines the use of pesticides in agriculture and the risks associated with their use.