

# **CANADIAN HANDBOOK ON HEALTH IMPACT ASSESSMENT**

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## **Volume 2 Decision Making in Environmental Health Impact Assessment**

**DRAFT**

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## **APPENDIX I**

### **EXAMPLES OF HEALTH RISKS BY ECONOMIC SECTOR**

## **EXAMPLES OF HEALTH RISKS BY ECONOMIC SECTOR**

One of the key roles performed by public health practitioners involved in EA is to clearly identify possible adverse impacts of contaminants and irritants, as well as other social and economic aspects of projects, programs and policies. Once identified, these impacts can be eliminated or minimized. Residual impacts can be addressed through mitigation or compensation measures, and balanced with the benefits of a project to determine whether the undertaking is acceptable from a public health perspective (see Chapter 6).

In this section we will limit ourselves to examining adverse impacts which are frequently encountered with certain kinds of projects. First, a summary of the general context for each type of project is presented, followed by a standard table which summarizes the potential impacts most frequently encountered.

The grid used here enables health professionals who are unfamiliar with a project to quickly develop a solid understanding of potential impacts. The grid can also serve as a checklist, in the sense that the impact study should provide enough information to fill out every cell. This type of grid can also be useful in the initial stage of a guideline: the public health worker should request that the impact study provide data on all environmental stressors which warrant documentation. Finally, a grid can also be a useful memory aid when drafting guidelines for conducting an impact study.

The examples presented below were selected from among cases recently examined by the implementation team for this Handbook. One of the team's ultimate goals is to expand the range of cases presented here through a Canada-wide collaborative effort.