

Supplementary Table 1. Exposure and Cancer Site Associations to be Included in the ComPARE project*

Cancer Site of Interest	Associated Modifiable Risk Factors
Lung	Non-starchy vegetable intake Fruit intake Physical activity Active tobacco smoking Passive tobacco smoking Air pollution Radon Arsenic
Breast	Oral contraceptives Hormone replacement therapy Insufficient fruit Alcohol Red meat Processed meat Insufficient vitamin D Overweight/Obesity Physical inactivity Sedentary behavior Abdominal obesity
Colorectal Cancer	Insufficient fruit Insufficient non-starchy vegetables Alcohol Red meat intake Processed meat intake Fiber intake Insufficient vitamin D Insufficient calcium Overweight/Obesity Physical inactivity Sedentary behavior Abdominal obesity Tobacco smoking
Gastric cancer, Gastric cardia cancer	Insufficient fruit Alcohol Red meat Processed meat Insufficient fibre Overweight/Obesity Tobacco smoking <i>Helicobacter pylori</i> (non-cardia only)
Oesophagus Cancer	Overweight/Obesity Physical inactivity Tobacco smoking Alcohol Insufficient non-starchy vegetables Insufficient fruit Processed meat

Bladder Cancer	<ul style="list-style-type: none"> Insufficient non-starchy vegetables Insufficient fruit Physical inactivity Tobacco smoking Insufficient vitamin D Arsenic Disinfection by-products
Pancreas Cancer	<ul style="list-style-type: none"> Insufficient non-starchy vegetables Insufficient fruit Alcohol Red meat Processed meat Overweight/Obesity Abdominal obesity Tobacco smoking
Endometrial Cancer	<ul style="list-style-type: none"> Oral contraceptives Hormone therapy Overweight/Obesity Physical inactivity Sedentary behavior Abdominal obesity
Oral Cancer / Oropharynx Cancer	<ul style="list-style-type: none"> Insufficient non-starchy vegetables Tobacco smoking Human papillomavirus (HPV)
Liver Cancer	<ul style="list-style-type: none"> Insufficient non-starchy vegetables Alcohol Overweight/Obesity Physical inactivity Tobacco smoking Hepatitis B virus (HBV) Hepatitis C virus (HCV)
Ovarian Cancer	<ul style="list-style-type: none"> Oral contraceptives Hormone Replacement therapy Insufficient non-starchy vegetables Overweight/Obesity Sedentary behavior Tobacco smoking
Larynx Cancer	<ul style="list-style-type: none"> Alcohol Insufficient non-starchy vegetables Tobacco smoking Human papillomavirus (HPV)
Cervical Cancer	<ul style="list-style-type: none"> Tobacco smoking Passive (second-hand) tobacco smoking Human papillomavirus (HPV)
Prostate Cancer	<ul style="list-style-type: none"> Overweight/Obesity Abdominal obesity
Kidney Cancer	<ul style="list-style-type: none"> Overweight/Obesity Abdominal obesity Physical inactivity Tobacco smoking Vitamin D

Gallbladder Cancer	Tobacco smoking Overweight/Obesity
Melanoma	Ultraviolet radiation (indoor tanning, sunburn, sunbathing, total exposure)
Hodgkin Lymphoma	Epstein-Barr Virus (EBV)
Non-Hodgkin Lymphoma	Physical inactivity Epstein-Barr Virus (EBV)(immuno-suppressed only) Hepatitis C virus (HCV)
Non-Melanoma Skin Cancer	Human Immunodeficiency virus (HIV) Ultraviolet radiation (indoor tanning, sunburn, sunbathing, total exposure)
Nasopharyngeal Cancer	Epstein-Barr Virus (EBV)
Pharynx Cancer	HPV
Thyroid Cancer	Overweight/Obesity Abdominal Obesity
Anal Cancer	Human papillomavirus (HPV)
Cholangiocarcinoma	Hepatitis B virus (HBV) Hepatitis C virus (HCV)
Leukemia	Human T-cell lymphotropic virus type 1 (HTLV-1)
Burkitt Lymphoma	Epstein-Barr Virus (EBV)
Eye Cancer	UV radiation
Kaposi Sarcoma	Human herpesvirus 8
Lip Cancer	UV radiation (indoor tanning, sunburn, sunbathing, total exposure)
Extranodal NK/T cell lymphoma – nasal type	Epstein-Barr Virus (EBV)
Mesothelioma	Asbestos
Penile Cancer	Human papillomavirus (HPV)
Tonsil Cancer	Human papillomavirus (HPV)
Vaginal Cancer	Human papillomavirus (HPV)
Vulvar Cancer	Human papillomavirus (HPV)

*inclusion of exposure and cancer site associations were based on hierarchy of evidence collected from the International Agency for Research on Cancer monograph series, World Cancer Research Fund (WCRF) Second Expert Report, WCRF Continuous Update Projects and published meta-analyses of epidemiologic studies.