Completed projects and questions currently investigated by the BfS

(Status: 06. November 2017)

Outcome	Follow-up period (# cases)	Risk factors considered	Status	Publication
Lung cancer	1946 – 1998 (n = 2,388)	Radon exposure (BEIR VI model)	Published	Grosche et al. Br J Cancer 2006
Cardiovascular diseases	1946 – 1998 (n = 5,417)	Radiation exposure	Published	Kreuzer et al. Radiat Env Biophys 2006
Extrapulmonary cancers	1960 – 2003 (n = 3,340)	Radon exposure	Published	Kreuzer et al. Br J Cancer 2008
Lung cancer	1946 – 2003 (n = 3,016)	Radon exposure (Improved risk models)	Published	Walsh et al. Radiat Res 2010
Cardiovascular diseases, Cancer	1946 – 2003 (n = 5,141 CVD; n = 3,355 extrapulmonary cancers)	Radon exposure	Published	Kreuzer et al. Radiat Env Biophys 2010
Leukaemia	1946 – 2003 (n = 128)	Radiation organ dose	Published	Dufey et al. Health Phys 2011
Stomach cancer	1946 – 2003 (n = 595)	Radiation organ dose, dust, arsenic	Published	Kreuzer et al. Occup Env Med 2011
Prostate cancer	1946 – 2003 (n = 264)	Radiation organ dose	Published	Walsh et al. BMJ Open 2012
Liver cancer	1946 – 2003 (n = 159)	Radiation organ dose, dust, silica dust, arsenic	Published	Dufey et al. J Radiol Prot 2012
Lung cancer	1946 – 2003 (n = 3,016)	Silica dust and combined effects with radon, arsenic	Published	Sogl et al. Br J Cancer 2012
Cardiovascular diseases	1946 – 2008 (n = 9,039)	External gamma radiation	Published	Kreuzer et al. Radiat Env Biophys 2013
Non-malignant respiratory diseases	1946 – 2008 (n = 2,336)	Silica dust, radon	Published	Kreuzer et al. Occup Environ Med 2013
Cancer and non- cancer diseases	1946 – 2008 (n = 4,054)	Radiation exposure in subgroup of millers	Published	Kreuzer et al. Int Arch Occup Environ Health 2014
Cancers of the extrathoracic airways	1946 – 2008 (n = 235)	Radon exposure	Published	Kreuzer et al. Int J Radiat Biol 2014
Lung cancer	1960 – 2008 (n = 333)	Low-dose radon exposure (1960+ sub-cohort)	Published	Kreuzer et al. Br J Cancer 2015

Leukaemia	1946 – 2013 (n = 203)	Low and high LET RBM dose	Published	Kreuzer et al. Occup Environ Med 2016
Lung cancer	1946 – 2013 (n = 58,974)	Radon exposure, focus on low doses and smoking	Accepted	Kreuzer et al. Radiat Res 2017
Leukaemia	1946 – 2003	Nested case control study on occupational and medical radiation exposure	In preparation	Expected mid of 2018
Extrapulmonary cancers	1946 – 2013	Radon, gamma radiation	In preparation	Expected mid of 2018
All non-cancer diseases	1946 – 2013	Radiation	In preparation	Expected mid of 2018
Lung cancer	1946 – 2013	Radon exposure, life time risk	In preparation	Expected end of 2018
Lung cancer, silicosis, COPD, renal diseases	1946 - 2013	Silica dust	In preparation	Expected end of 2018