

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

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