241 References identified from PubMed
0 additional references identified from Embase

4 studies identified from Google Scholar
4 studies identified from hand search

249 references identified and abstract reviewed

199 abstracts excluded for being reviews, or non-epidemiological studies or due to non-relevance

50 studies retrieved for full text review

9 studies excluded due to wrong exposure (e.g. arsenic from smelters, plants etc.)
1 study with previously published results excluded

40 studies selected

20 ecological studies
- BLADDER 19 studies
  - Incidence 4 studies
  - Mortality 15 studies
- KIDNEY 11 studies
  - Incidence 2 studies
  - Mortality 9 studies

11 case-control studies
- BLADDER 11 studies
  - Incidence 10 studies
  - Mortality 1 studies

9 cohort studies
- BLADDER 9 studies
  - Incidence 5 studies
  - Mortality 4 studies
- KIDNEY 3 studies
  - Incidence 1 studies
  - Mortality 2 studies
- URINARY 2 studies
  - Incidence 2 studies
  - Mortality 0 studies

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  - Incidence 1 studies
  - Mortality 2 studies
- URINARY 2 studies
  - Incidence 2 studies
  - Mortality 0 studies

17 studies included in meta-analysis

BLADDER 17 studies
- Mortality 8 studies
- Incidence 4 studies

KIDNEY 8 studies
- Mortality 2 studies
- Incidence 3 studies

BLADDER 2 studies
- Mortality 2 studies
- Incidence 2 studies