

eTable 5. Case ascertainment of included studies in the meta-analysis

Study source	Case ascertainment
Crowe 2008, Europe ³⁷ Harvei 1997, Norway ⁸	Dutch National Cancer Registry and the Regional Cancer Registries Amsterdam, East, and Limburg provided data on cancer incidence. Identified by matching the serum bank files with the Cancer Registry, using the unique 11-digit personal identification number that is allocated to every citizen of Norway.
Männistö 2003, Finland ³⁰	Ascertained using the Finnish Cancer Registry and the Register of Causes of Death.
Park 2009, USA ³⁶	Ascertained through the tumor registries of the Surveillance, Epidemiology and End Results (SEER) Program of the National Cancer Institute covering Hawaii and California.
Chavarro 2007, USA ¹⁵	By requesting hospital records and pathology reports for review by study physicians from the End Points Committee.
Brasky 2011, USA ¹⁴	By prostate biopsy.
Bassett 2013, Australia ²⁷	Identified by notifications of first diagnoses of prostate cancer to the Victorian Cancer Registry or the Australian Cancer Database.
Cheng 2013, USA ³⁵	By review of medical records and pathology reports in Western Washington Cancer Surveillance System, a part of the Surveillance, Epidemiology, and End Results registries.
Brasky 2013, USA ³⁴	By obtaining pathology reports and, when possible, tissue. Almost all cases included were reviewed centrally for pathological confirmation and grading using the Gleason system.
Schuurman 1999, ¹⁶	Detected by computerized record linkage with all nine cancer registries in The Netherlands and with the Dutch national data base of pathology reports.
Koralek 2006, USA ¹³	Autopsy data, supporting medical/pathologic records were used to confirm the diagnosis and stage and grade information.
Gioannucci 2007, USA ³²	Ascertained by relevant hospital records and pathology reports.
Leitzmann 2004, USA ³³	Using medical records and pathology reports to confirm the diagnosis and obtain further details.
Park 2007, USA ¹⁷	Identified by linkage of the cohort to 3 population-based cancer registries in Hawaii and California that are all members of the National Cancer Institute's Surveillance.
Wallström 2007, Sweden ¹⁸	Ascertained by record linkage with the National Cancer Register (Sweden).
Pelser 2013, USA ³¹	Ascertained by linkage to 8 state cancer registries and 3 additional state cancer registries (Arizona, Nevada, and Texas).