

# The unmet need in Renal Cell Carcinoma (RCC)

RCC is a disease in which cancer cells form in tubules of the kidney<sup>1</sup>

Many kidney cancers **do not produce any symptoms** until the late disease stages<sup>2</sup>

Symptoms of RCC can include can include:<sup>3</sup>



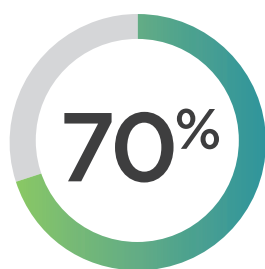
**Blood** in the urine (haematuria)



A **persistent pain** in the side of the body just below the ribs



A **lump or swelling** in the area of the kidneys

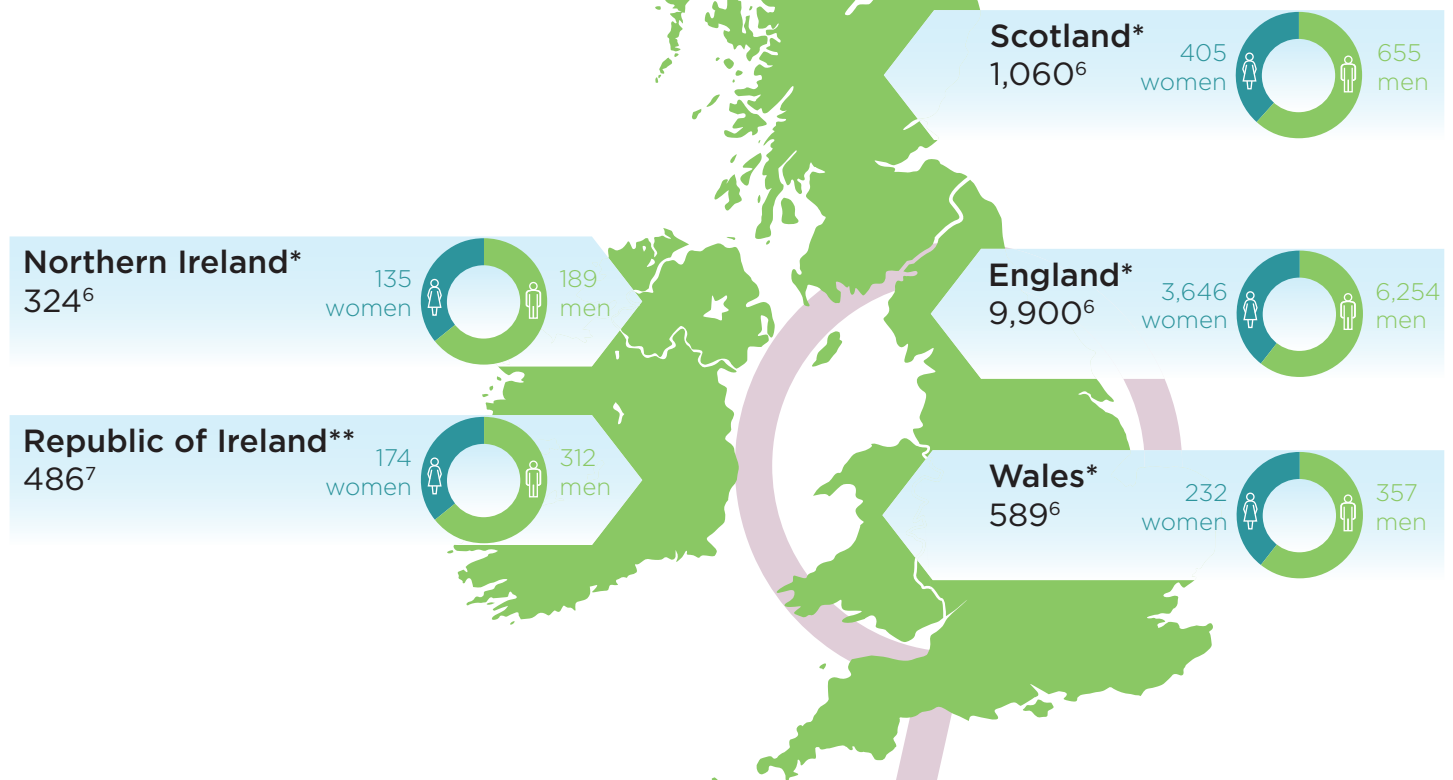


Results from a recent survey by Kidney Cancer UK found that, unfortunately 70% of patients were diagnosed with RCC whilst having scans for unrelated conditions<sup>4</sup>

RCC is the most common type of kidney cancer, accounting for **80-90%** of kidney cancers in the UK<sup>5</sup>

Around **11,900** new cases of kidney cancer are diagnosed every year in the UK, equivalent to **33** each day<sup>5</sup>

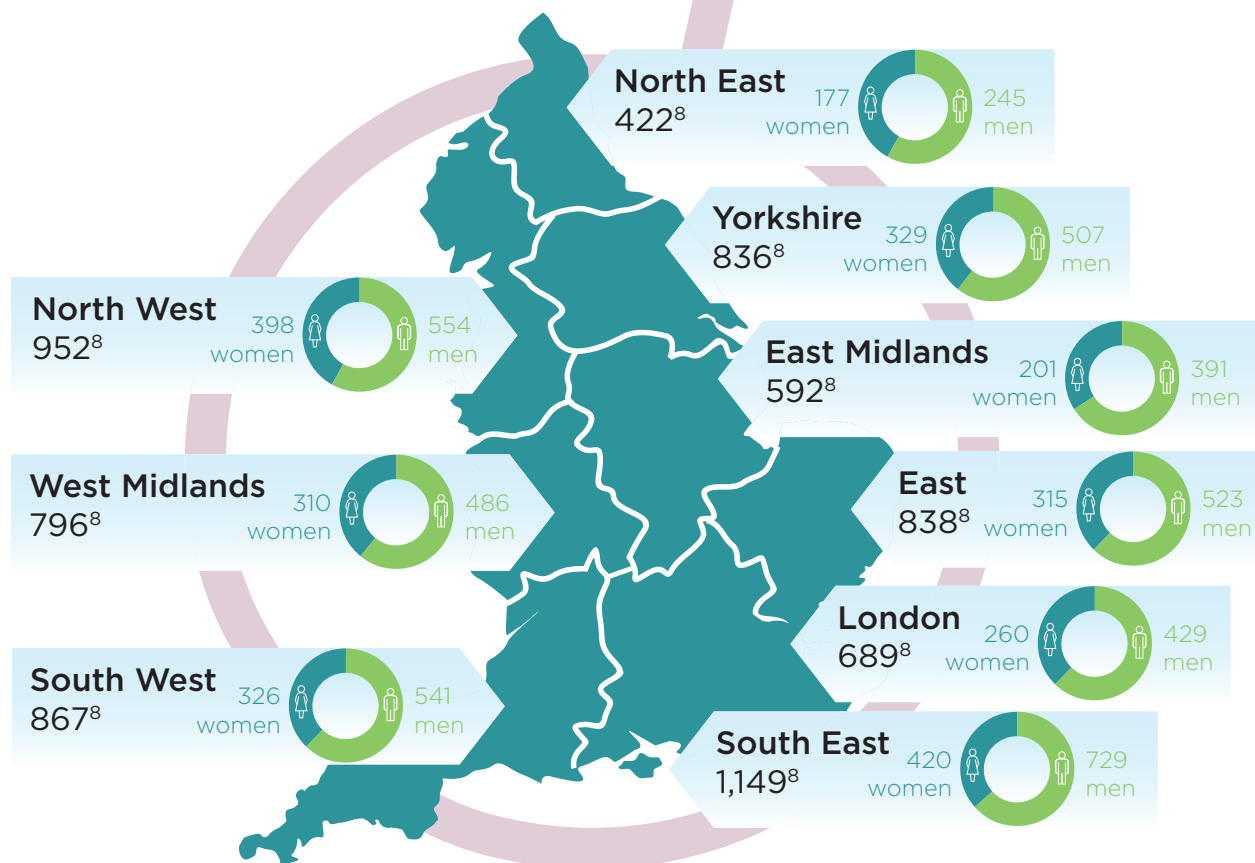
## Incidence of kidney cancer across the UK and Ireland



\* Based on latest data published by CRUK in 2013

\*\*Based on data from National Cancer Registry Ireland in 2008 - 2010

## Regional breakdown\*\*\*



\*\*\*Based on latest data published by KRUK in 2011

- 1 National Cancer Institute. Renal Cell Cancer Treatment (PDQ®)–Patient Version. Available from: <http://www.cancer.gov/types/kidney/patient/kidney-treatment-pdq> [Last accessed September 2016]
- 2 Cleveland Clinic. Facts About Kidney Cancer. Available from: [http://my.clevelandclinic.org/health/diseases\\_conditions/hic-catch-kidney-cancer-early-know-the-symptoms/hic\\_The\\_Facts\\_About\\_Kidney\\_Cancer](http://my.clevelandclinic.org/health/diseases_conditions/hic-catch-kidney-cancer-early-know-the-symptoms/hic_The_Facts_About_Kidney_Cancer) [Last accessed September 2016]
- 3 Cancer Research UK. Symptoms of Kidney Cancer. Available from: <http://www.cancerresearchuk.org/about-cancer/type/kidney-cancer/about/symptoms-of-kidney-cancer> [Last accessed September 2016]
- 4 KCUK. Kidney Cancer UK News. Available from: <http://www.kcuk.org.uk/patient-survey-highlights-the-urgent-need-for-improved-and-earlier-kidney-cancer-diagnosis/>. [Last accessed September 2016]
- 5 KCUK. Incidence of Kidney Cancer. Available from: <http://www.kcuk.org.uk/kidneycancer/what-is-kidney-cancer/incidence-of-kidney-cancer-in-the-uk/>. [Last accessed: September 2016]
- 6 Cancer Research UK. Kidney Cancer Incidence Statistics. Available from: <http://www.cancerresearchuk.org/health-professional/cancer-statistics/statistics-by-cancer-type/kidney-cancer/incidence#heading-zero> [Last accessed September 2016]
- 7 National Cancer Registry Ireland. Cancer in Ireland 2013: Annual report of the National Cancer Registry. Available from: <http://www.ncr.ie/sites/ncr/files/pubs/CancerinIreland2013AnnualReportoftheNationalCancerRegistry.pdf> [Last accessed September 2016]
- 8 Office for National Statistics. Cancer Registration Statistics, England 2011. Series MB1, No42. 2011. Available from: <http://www.ons.gov.uk/ons/search/index.html> [Last accessed September 2016]