

Renal Cancer Quality Performance Indicators

Patients diagnosed from January 2018 to December 2020

An Official Statistics release for Scotland

Publication date: 09 August 2022

About this release

This release by Public Health Scotland (PHS) presents performance against the National Renal Cancer Quality Performance Indicators (QPIs) in the Cancer QPIs dashboard held within the Scottish Cancer Registry and Intelligence Service (SCRIS).

Main points

- There were 905 people diagnosed with Renal Cancer in Scotland in 2020. This was a decrease from previous years where 1,028 were diagnosed in 2019 and 963 in 2018.
- At Scotland level for January to December 2020, the target was met for 11 of the 17 indicators.

QPI	Target	2018	2019	2020	
QPI 1: Radiological Diagnosis	95%	97.3	96.2	97.0	Target met
QPI 2(i): Histological Diagnosis. Cryotherapy / Radiofrequency ablation	90%	93.0	85.7	90.7	Target not met
QPI 2(ii): Histological Diagnosis. Systemic Anti-Cancer Therapy (SACT)	90%	94.7	98.4	98.6	Target met
QPI 3: Clinical Staging TNM	98%	92.8	89.8	90.1	Target not met
QPI 4: Multidisciplinary Team Meeting (MDT)	95%	95.6	96.4	95.9	Target met
QPI 7: Nephron Sparing Treatment	50%	78.7	82.2	83.5	Target met
QPI 8 (i): 30 Day Mortality (Operative Treatment)	<2%	0.4	0.4	0.3	Target met
QPI 8 (i): 90 Day Mortality (Operative Treatment)	<2%	0.6	0.6	1.3	Target met
QPI 8 (ii): 30 Day Mortality (RFA)	<2%	0.0	0.0	0.0	Target met
QPI 8 (ii): 90 Day Mortality (RFA)	<2%	0.0	0.0	0.0	Target met
QPI 8 (iii): 30 Day Mortality (Cryotherapy)	<2%	0.0	3.4	3.1	Target not met
QPI 8 (iii): 90 Day Mortality (Cryotherapy)	<2%	0.0	3.6	6.9	Target not met
QPI 9: Systemic Therapy	40%	46.1	58.0	62.2	Target met
QPI 10: Prognostic Scoring	90%		65.0	75.1	Target not met
QPI 11: Leibovich Score	100%	85.0	86.8	93.0	Target not met
QPI 13: Trifecta Rate	50%	71.4	80.0	66.2	Target met
QPI 14: Clinical Trials and Research Study Access	15%	9.2	15.8	11.6	Target not met

Information is available on performance against [QPI 12 Volume of Cases per Surgeon](#)

- Some of the QPI targets have proved challenging to achieve over the three years (QPIs relating to Clinical Staging, Prognostic Scoring and Leibovich Score). In addition, the 30 and 90 day mortality Cryotherapy targets will not be met if a single patient dies following treatment as they are based on small numbers of patients.
- Many QPIs achieved the target nationally (QPIs relating to Radiological Diagnosis, MDT, Systemic Therapy and Trifecta Rate). In addition the majority of the 30 and 90 day mortality QPIs were under 2%, with the exception of Cryotherapy.

Background

National cancer Quality Performance Indicators have been developed to support continuous quality improvement in cancer care (**CEL 06 2012**). NHS Boards are required to report these indicators against a clinically agreed indicator specific target as part of the mandatory national cancer quality programme. They have been developed collaboratively by **North Cancer Alliance (NCA)**, **South East Scotland Cancer Network (SCAN)**, **West of Scotland Cancer Network (WoSCAN)**, **Healthcare Improvement Scotland** and PHS.

Contact

Garry Hecht | Principal Information Analyst | phs.cancerstats@phs.scot

Clare Taylor | Senior Information Analyst | phs.cancerstats@phs.scot

For all media enquiries please email phs.comms@phs.scot or call 0131 275 6105.

Further information

- The Cancer QPIs dashboard is restricted and may be accessed with permission via <https://useraccess.nhsnss.scot.nhs.uk>
- Network Reports on Renal QPIs: **NCA**, **SCAN** and **WoSCAN**
- QPI Definitions and updates on **Renal Cancer indicators**
- PHS QPI **Publications**

The next release of this publication will be August 2025.

Other formats of this publication are available on request by calling 0131 314 5300 or emailing phs.otherformats@phs.scot.

PHS and Official Statistics

Public Health Scotland (PHS) is the principal and authoritative source of statistics on health and care services in Scotland. PHS is designated by legislation as a producer of 'Official Statistics'. Our official statistics publications are produced to a high professional standard and comply with the Code of Practice for Statistics. **[Further information about our statistics.](#)**