Has lung cancer radiotherapy utilisation (RTU) changed over time in NSW, Australia?

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Background
73% of lung cancer patients benefit from RT at diagnosis but only 39% received it in 2001-2

Aim
Has RTU changed over the last decade in NSW?

Methods
Patients diagnosed with lung cancer 2009-2011 identified from NSWCCR and data linked to APDC, EROD, Clinical CR
Results

37.8% TNM stage RTU 71.9% = 27.2% RTU overall

62.2% No stage RTU 23.6% = 14.7% RTU overall

Overall RTU 39% (2001-2) vs 41.9% (2009-11)
Implications

• Despite an increase in resources, overall RTU for lung cancer has not significantly changed over the last decade

• Calculated shortfall in RTU over this 3 year period potentially resulted in
  – 312 patients having locoregional failure
  – 157 patients having poorer survival
References