The role of SWPHO in urological cancers analysis

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The role and organisation of cancer registries

- Eight registries in England, one each in Scotland, Wales and NI
- Some integrated with PHOs (South West PHO)
- Register all residents and those treated in area of coverage
- Specialist areas divided amongst registries – SWPHO is lead for urological cancers
Data collected

- All cases of malignant and benign cancers (except non-melanoma skin cancers)
- Pathology reports for verification and staging
- Treatment data
  - Surgery (cross ref. to HES)
  - Radiotherapy/Chemotherapy direct from trusts (issues of completeness)
- Personal data
Data collected – the national dataset

- National Cancer Data Repository (NCDR)
- Commissioned by NCIN
- Created by merging registrations from each registry
- Amalgamated treatment data too, but not each registry comparable
- Carries much the same data as local registry records
Accessible data

- Hospital Episode Statistics (HES) – inpatient treatments
- ONS yearly mortality extracts
- Monthly public health mortality updates
- Populations
- Reference data for deprivation, rurality etc.
- BAUS dataset
Accessible data

- Hospital Episode Statistics (HES) for inpatient treatments
  - OPCS codes for treatments
  - ICD-10 for diagnosis
  - Hospital/Consultant data
  - Ethnicity
- ONS yearly mortality extracts
  - Causes of death, all listed and underlying
  - Place of death codes
  - Occupation (limited)
Urological Cancer Hub

Welcome

This website aims to equip health professionals and others with information on urological cancers and their treatment. It is funded by the National Cancer Intelligence Network (NCIN) and managed by the South West Public Health Observatory.

Urological Cancer Profiles

- Compare key urological cancer statistics across Cancer Networks, Local Authorities and Primary Care Trusts in England.
- Read more about Urological Cancer Profiles

Resources

- What we know about urological cancers. Includes fact sheets, analysis and links to further guidance and evidence.
- Visit the Resources page

Projects

- Details of ongoing projects associated with urological cancers across England.
- Visit the Projects page

Worried about urological cancer?

- Where to go for information on urological cancers and their treatment.
- Read more about Urological Cancer

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South West Public Health Observatory
What types of analysis?

- Variation with age, sex, geography, deprivation
- Numbers of surgical treatments/admissions
- Histology variation
- Stage (with support from BAUS)
- Effects of centralisation – hospital workload
Recent and ongoing analyses

- Prostate cancer mortality by income deprivation
- Significance of pre-surgical events in predicting positive surgical margins/recurrence
- In-depth breakdown of prostate and bladder cancer statistics for urological cancer hub
- Hormone therapy in relation to skeletal events
- Variation in penile cancer/centralisation completeness
- Linking PROTECT data to HES records and registry data
- Histology for trusts in Somerset
- Survival from prostate cancer by stage (NCIN data briefing)
Conclusion

- Registries offer access to large datasets
- Can be enriched with data from other population-based sources
- Source of statistical expertise

http://www.swpho.nhs.uk/urologicalcancerhub/home.aspx