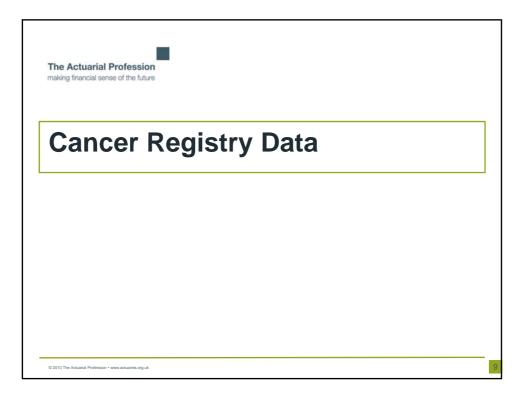


## Overview of Publicly Available Data Sources – Illness Specific

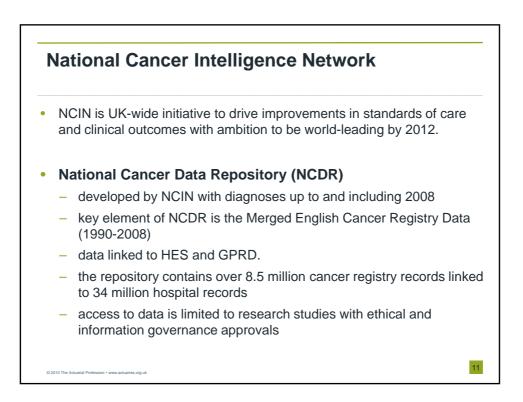
Cancer

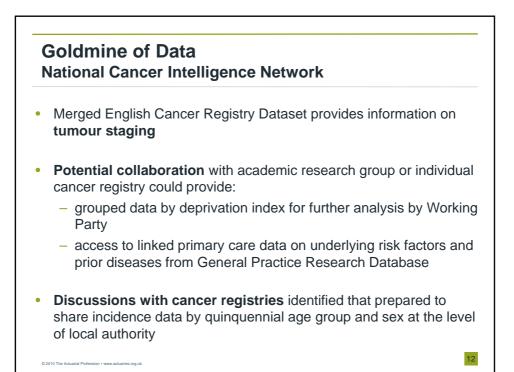
- Regional and National Cancer Registries
- Cancer Research UK
- Heart Attack
  - British Heart Foundation
  - Oxford MI Incidence Study
  - MONICA
- Stroke
  - No useful UK data found
  - MONICA
  - Oxfordshire Community Stroke Project

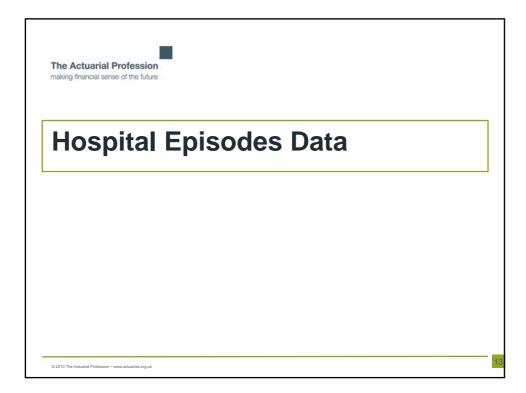
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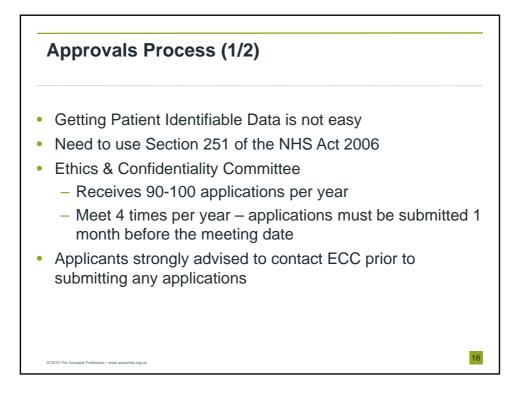


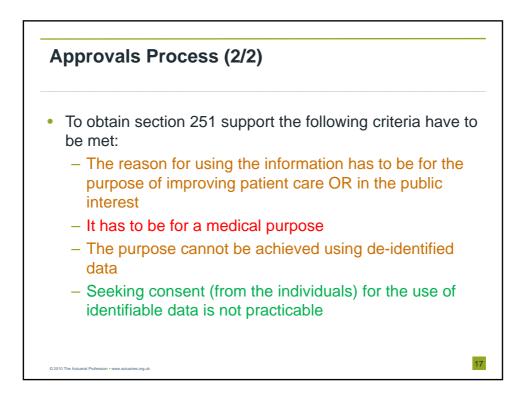


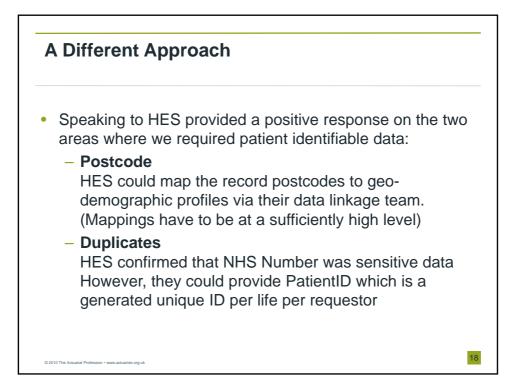


HES Data Request		
<ul><li>What is HES?</li><li>Much data is freely available be</li></ul>	ut we wante	d more
Information type	Does it need governance approval?	How long will it take?
Tabulated data	No	Available Now
Tailored summary tables	No	> 5 weeks
Tailored summary tables including sensitive data	Yes	> 6 weeks
Episode records	Yes	> 6 weeks
Episode records including sensitive data	Yes	> 8 weeks
Patient-identifiable episode records	Yes	> 8 weeks
Initially we intended to get patient 2010 The Actuardal Profession - www.actuardies.org.uk	-identifiable	records

Identifiable Data			
Identifiable Data	Approved by		
NHS number Date of birth Postcode of patient Birth date - baby Mother's date of birth	Ethics and Confidentiality Committee (ECC)		
<ul><li>episode</li><li>If the study requires any</li></ul>	at episode level – one row per patient identifiers in the dataset to		
and what you intend to d	o justify why you need the data lo with it		



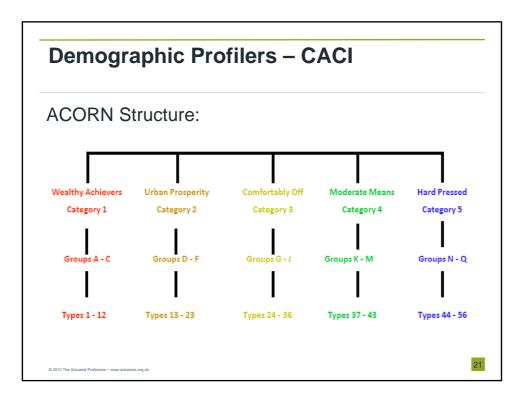


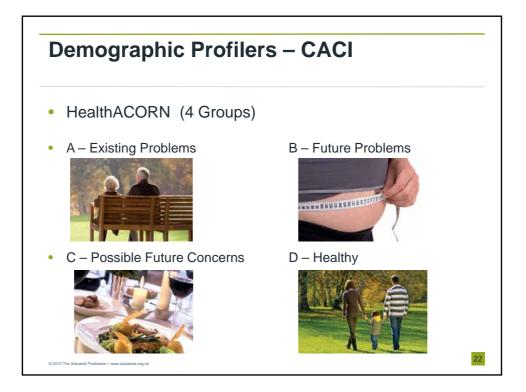


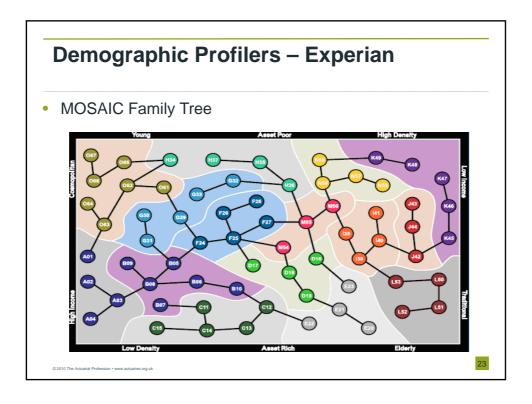
Patient Fields	Clinical	Geographical
Age @ start/end episode	Primary diagnosis	Census Output Area
Year of birth	External cause of injury	County of residence
Ethnic category	Main operative procedure	Current electoral ward
Patient identifier	Date of operation	Local authority district
Postcode district	Patient classification	
Sex	Main specialty	
Socio-economic		
LSOA		
IMD Overall Rank		

## Demographic Profilers – CACI & Experian Background

- Leading providers of socio-demographic profiles in the UK (amongst six providers in the UK market)
- CACI
  - Main segmentation tool is ACORN, classifies population into 5 categories, 17 groups and 56 types
  - Other ACORN indices exist, we are also looking at HealthACORN - 4 groups, 25 types
- Experian
  - Main segmentation tool is MOSAIC, classifies population into 15 categories, 67 groups and 141 types







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- CACI and Experian very supportive and generous in offering the use of their profilers
  - Profilers provided free of charge
  - Bespoke Exposure Calculations provided at cost
- Contracts being concluded now
- Member Support Executive committee (MSEC) kindly provided funds from their research fund to pay for exposure calculations and for HES data



- Benefitting from dramatic shift in accessibility to detailed patient level information – with UK in a privileged position
- Primary focus will be Hospital Episode Statistics as dataset provides information on both diseases and operations with detailed segmentation of information by patient address
- Initial analyses to consider geographical variation in experience by sex and by quinquennial age group for individual diseases/operations
- Further analyses to contrast geographical variations with socio-economic variations provided by Experian and CACI



