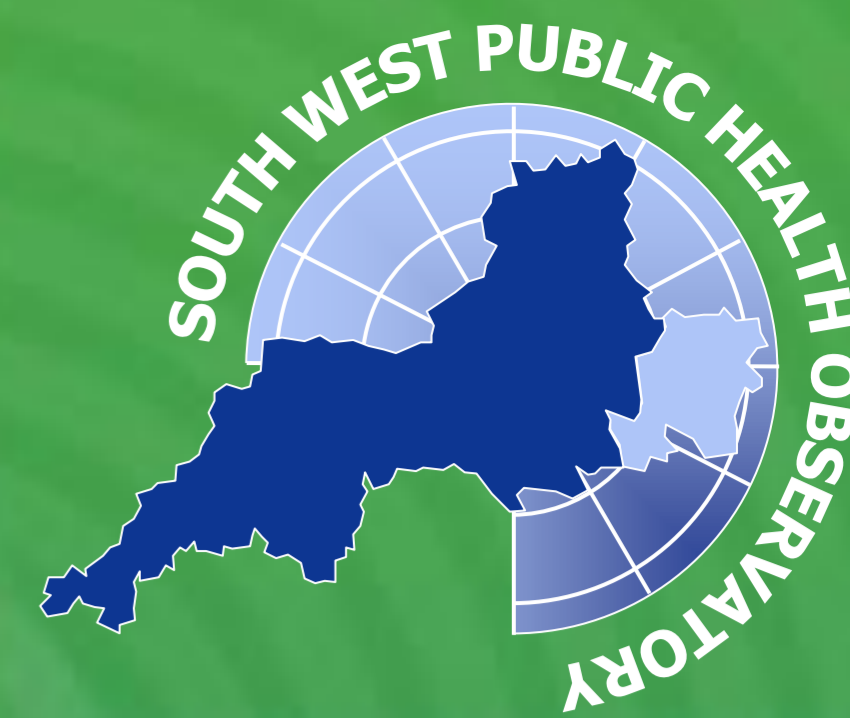


Deaths from Liver Cancer

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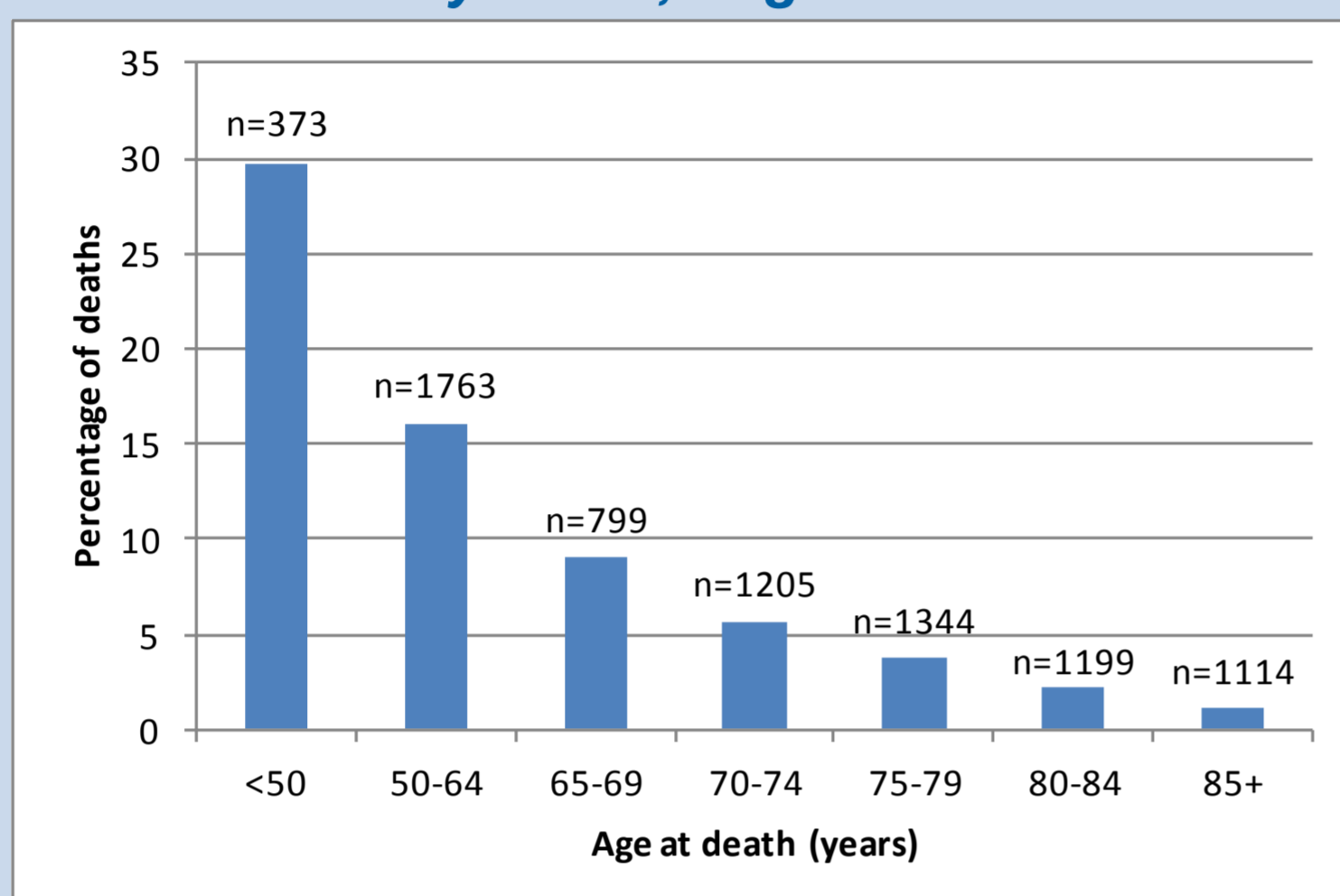


1. Introduction

The number of people in England who die from primary liver cancer each year has risen from 1,911 in 2001 to 3,147 in 2010. For some their cancer follows liver damage; for example from hepatitis or excessive alcohol consumption. Hospital Episode Statistics (HES) and Office for National Statistics (ONS) mortality data were used to explore these co-morbidities and their association with place of death.

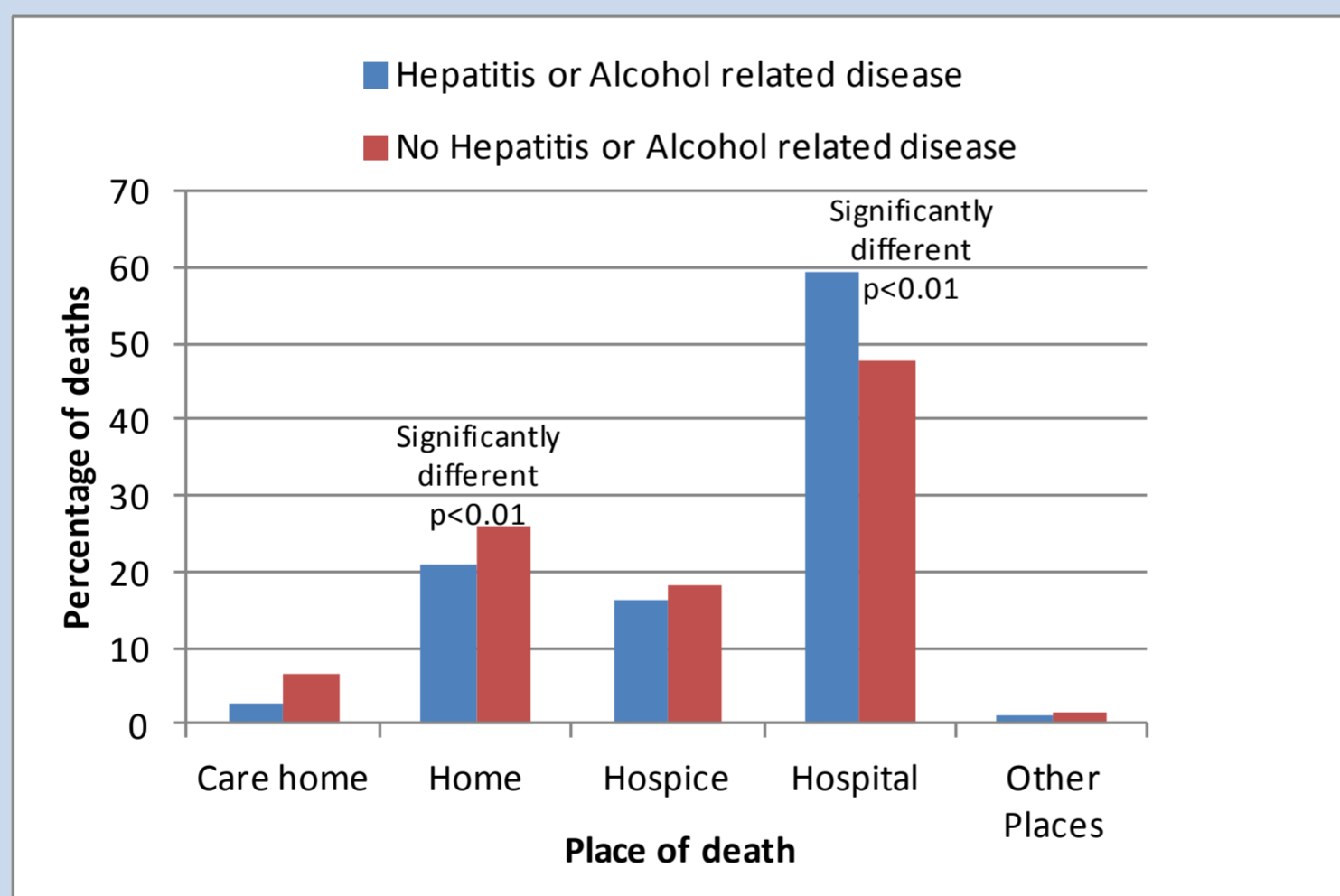
2. Results

Figure 1: Proportion of primary liver cancer deaths with hepatitis or alcohol related disease as a contributory cause, England 2006-08



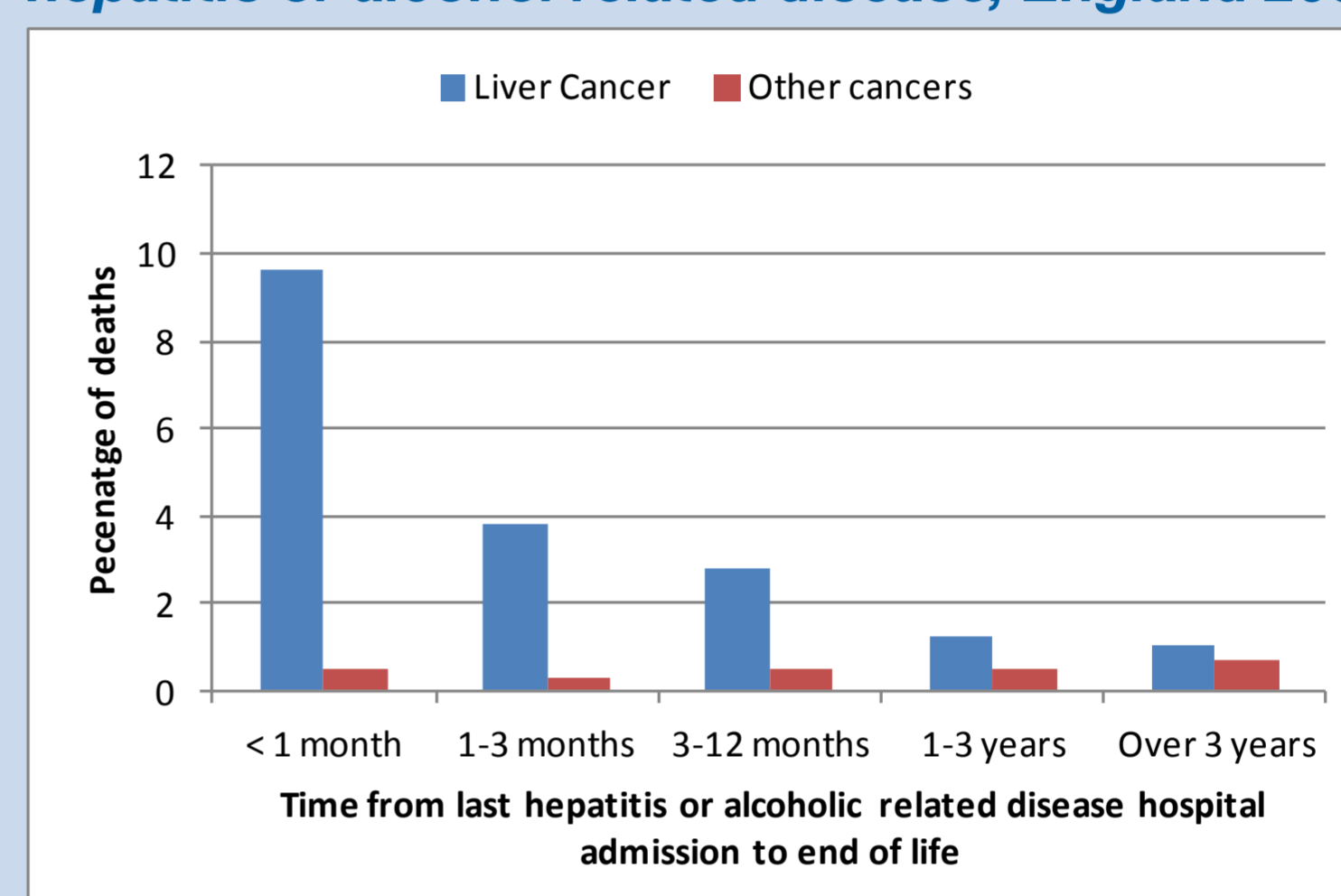
Source: Office for National Statistics

Figure 2: Place of death for primary liver cancer deaths with and without hepatitis or alcohol related disease as a contributory cause, England 2006-08



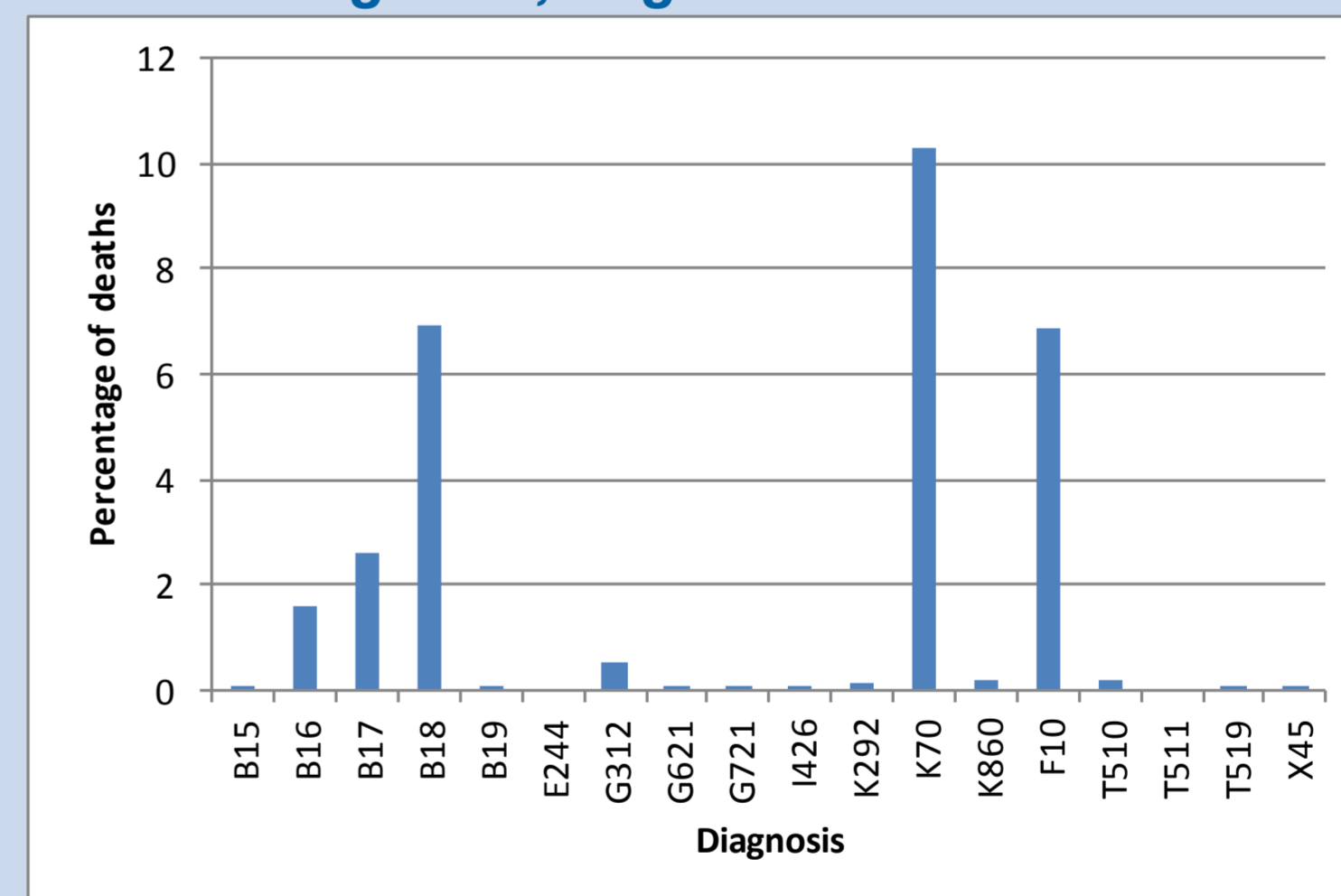
Source: Office for National Statistics

Figure 3: Proportion of cancer deaths that have a hospital admission with a diagnosis including hepatitis or alcohol related disease, England 2006-08



Source: Office for National Statistics and Hospital Episode Statistics

Figure 4: Proportion of people who died from liver cancer and had a hospital admission including a particular hepatitis or alcohol related disease diagnosis, England 2006-08



Source: Office for National Statistics and Hospital Episode Statistics

3. Conclusion

The care of patients towards the end of their life and their place of death will depend in part on the history of their disease and their co-morbidities.

4. References

1. Department of Health. (2008b). Retrieved from Hospital admissions for alcohol related harm, Technical Information and Definition for Vital Signs December 2008: http://www.dh.gov.uk/prod_consum_dh/groups/dh_digitalassets/documents/digital_asset/dh_086417.pdf

Hepatitis and alcohol related diseases¹ (ICD-10 codes)

- Acute hepatitis A (B15)
- Acute hepatitis B (B16)
- Other Acute viral hepatitis (B17)
- Chronic viral hepatitis (B18)
- Unspecified viral hepatitis (B19)
- Alcohol induced pseudo-Cushings syndrome (E244)
- Degeneration of nervous system due to alcohol (G312)
- Alcoholic polyneuropathy (G621)
- Alcoholic myopathy (G721)
- Alcoholic cardiomyopathy (I426)
- Alcoholic gastritis (K292)
- Alcoholic liver disease (K70)
- Alcoholic induced chronic pancreatitis (K860)
- Mental and behavioural disorders due to use of alcohol (F10)
- Toxic effect of alcohol; ethanol (T510) methanol (T511) unspecified (T519)
- Accidental poisoning by exposure to alcohol (X45)