

EQUITY AUDIT: NSF on Coronary Heart Disease

The aim of the equity audit is to:

- a) Map the distribution of cardiac risk in Buckinghamshire
- b) Map interventions/service addressing cardiac risk
- c) To assess the extent to which interventions/services are reaching those in greatest need.

The following tables:

- a) Identify factors associated with cardiac health
- b) Proposes variables that could be used to indicate how these factors are distributed geographically across Buckinghamshire
- c) Proposes interventions/services addressing these factors that could be mapped across Buckinghamshire

CATEGORY	FACTOR ASSOCIATED WITH CARDIAC HEALTH	MEASUREMENT OF FACTOR	INTERVENTIONS/SERVICES AFFECTING FACTOR
1.0 SOCIOECONOMIC	1.1 Social class	<ul style="list-style-type: none"> • 1.11 Townsend / Jarman / DETR 	
	1.2 Ethnicity	<ul style="list-style-type: none"> • 1.21 Census data – ethnicity 	
	1.3 Employment status	<ul style="list-style-type: none"> • 1.31 Unemployment data – age, sex 	<ul style="list-style-type: none"> • 1.32 New deal initiatives and training opportunities in county
	1.4 Education	<ul style="list-style-type: none"> • 1.41 School leaving age • 1.42 Qualifications on leaving school 	<ul style="list-style-type: none"> • 1.43 Access to preschool education
	1.5 Early life factors	<ul style="list-style-type: none"> • 1.51 Birth weight • 1.52 Poor weight gain in childhood • 1.53 Breast feeding 	

CATEGORY	FACTOR ASSOCIATED WITH CARDIAC HEALTH	MEASUREMENT OF FACTOR	INTERVENTIONS/SERVICES AFFECTING FACTOR
2.0 ENVIRONMENTAL	2.1 Housing	<ul style="list-style-type: none"> • 2.11 Cold housing 	<ul style="list-style-type: none"> • 2.12 Fuel grants
	2.2 Air quality	<ul style="list-style-type: none"> • 2.21 Pollution levels eg number of times air quality exceeds EU limits 	
	2.3 Noise	<ul style="list-style-type: none"> • 2.31 No. and types of noise complaints 	
	2.4 Transport (access to services)	<ul style="list-style-type: none"> • 2.41 Access to efficient, affordable transport network: cost and availability of public/private transport • 2.42 Ease of access to health services 	<ul style="list-style-type: none"> • 2.43 Transport initiatives
	2.5 Transport (health promotion)		<ul style="list-style-type: none"> • 2.51 Cycle routes • 2.52 Walking routes
	2.6 Community wellbeing/Social support	<ul style="list-style-type: none"> • 2.61 Mobility • 2.62 Crime indicators • 2.63 Social exclusion indicators 	

CATEGORY	FACTOR ASSOCIATED WITH CARDIAC HEALTH	MEASUREMENT OF FACTOR	INTERVENTIONS/SERVICES AFFECTING FACTOR
3.0 LIFESTYLE (Incorporated in Supporting Healthy Choices target)	3.1 Exercise	<ul style="list-style-type: none"> • 3.11 Health lifestyles survey 	<ul style="list-style-type: none"> • 3.12 Access to leisure facilities: swimming, gym, football etc • 3.13 Concessionary rates for low income • 3.14 Access for women • 3.15 Health walk schemes • 3.16 Spend on health promotion per PCG • 3.17 Health promotion for young people eg out of school provision • 3.18 Cycle routes
	3.2 Nutrition	<ul style="list-style-type: none"> • 3.21 Obesity • 3.22 Other measures of nutritional status • 3.23 Access to good nutrition – virtual shopping basket, purchasing patterns 	<ul style="list-style-type: none"> • 3.24 Dietary advice provision • 3.25 Cooking skills programmes • 3.26 Weight loss clinics •
	3.3 Smoking	<ul style="list-style-type: none"> • 3.31 Smoking patterns by age, sex, geography, ethnicity • 3.32 Smoking and pregnancy • 3.33 Sale of tobacco • 3.34 Price of cigarettes (black market) 	<ul style="list-style-type: none"> • 3.35 Smoke free restaurants • 3.36 Smoking cessation services
	3.4 Stress	<ul style="list-style-type: none"> • 3.41 Mental health indicators 	

CATEGORY	FACTOR ASSOCIATED WITH CARDIAC HEALTH	MEASUREMENT OF FACTOR	INTERVENTIONS/SERVICES AFFECTING FACTOR
4.0 PREDISPOSING FACTORS TO CORONARY HEART DISEASE (Incorporated in Access to Health Care target)	4.1 Diabetes	Morbidity by <ul style="list-style-type: none"> • 4.11 Social class • 4.12 Ethnicity • 4.13 Geographical distribution 	<ul style="list-style-type: none"> • 4.14 Measures of diabetic control? • 4.15 Access to diabetic clinics
	4.2 Hypertension	As above	<ul style="list-style-type: none"> • 4.24 Measures of BP control?
	4.3 Obesity	As above	<ul style="list-style-type: none"> • 4.34 Weight loss clinics
	4.4 Cholesterol/Lipids	As above	<ul style="list-style-type: none"> • 4.44 Statins

CATEGORY	FACTOR ASSOCIATED WITH CARDIAC HEALTH	MEASUREMENT OF FACTOR	INTERVENTIONS/SERVICES AFFECTING FACTOR
5.0 MEDICAL CONDITIONS (Incorporated in Access to Health Care target)	5.1 Angina	Mortality/morbidity by: <ul style="list-style-type: none"> • 5.11 Social class • 5.12 Ethnicity • 5.13 Geographical distribution 	Admission rates by social class, ethnicity, age: <ul style="list-style-type: none"> • 5.14 Angiography • 5.15 PCTA • 5.16 CABG • 5.17 Access to cardiac rehabilitation services
	5.2 Acute MI	As above	<ul style="list-style-type: none"> • 5.24 Call to needle times • 5.25 Access to cardiac rehabilitation services (social class, ethnicity, age)
	5.3 Heart failure	As above	