

Additional File 1

Supplementary Table. Comparison of question stems between the Flight Attendant Medical Research Institute Survey (FAMRI) and the National Health and Nutrition Examination Survey (NHANES) 2005-2006.

Item	FAMRI	NHANES 2005-2006
Smoking	Have you ever smoked cigarettes regularly? (at least 1 cigarette per day and a total of 100 cigarettes in your lifetime)	Have you smoked at least 100 cigarettes in your entire life?
Medical Conditions	Has a doctor ever diagnosed any of the following medical problems? -Year 1 st Diagnosed -Year of Most Recent Worsening/Event	
High Blood Pressure		Have you ever been told by a doctor or other health professional that you had hypertension, also called high blood pressure?
Diabetes		Other than during pregnancy have you ever been told by a doctor or other health professional that you have diabetes or sugar diabetes?
High Cholesterol		Have you ever been told by a doctor or other health professional that your blood cholesterol level was high?
Ischemic Heart Disease	Includes Heart Attack, Heart Bypass Surgery, Coronary angioplasty or stent.	Includes multiple responses: Has a doctor or other health professional ever told you that you had -a heart attack (also called myocardial infarction) -coronary heart disease
Congestive Heart Failure		Has a doctor or other health professional ever told you that

		you had congestive heart failure?
Abnormal Heart Rhythm		Not in NHANES
Asthma		Has a doctor or other health professional ever told you that you have asthma?
Chronic Bronchitis		Has a doctor or other health professional ever told you that you had chronic bronchitis?
Emphysema/COPD	Emphysema or COPD	Has a doctor or other health professional ever told you that you had emphysema?
Sleep Apnea		Have you ever been told by a doctor or other health professional that you have a sleep disorder? What was the sleep disorder? – Sleep apnea is a coded response.
Cancer	Lung cancer specifically queried. Any write-in responses of cancer were included.	Have you ever been told by a doctor or other health professional that you had cancer or a malignancy of any kind?
Breast Cancer	Ascertained from write-in responses.	What kind of cancer was it? – response available for breast cancer.
Thyroid Disease		Has a doctor or other health professional ever told you that you had a thyroid problem?
Sinus Problems		During the past 12 months, did a doctor or other health professional tell you that you have a sinus infection?
Ear Infections		Not in NHANES
Chest pain	Do you ever experience chest pain or discomfort with exertion?	Have you ever had any pain or discomfort in your chest?
Shortness of breath	Do you ever experience shortness of breath?	Have you had shortness of breath either when hurrying on the level or walking up a slight hill?