Patients Diagnosed at Katy Trail Community Health Center in Sedalia, Missouri

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BACKGROUND

Sedalia, Missouri has 19.1% of people having no insurance and 24.9% living in poverty. Katy Trail Community Health Center is the primary care provider which provides medical, dental, and behavioral health services. The health center has a sliding fee scale and accepts Medicaid, Medicare, and insurance plans.

OBJECTIVES

• To understand what illnesses are ailing a vulnerable population
• To reduce preventable burden of disease

DIAGNOSES

• Respiratory illness: cough, bronchitis, sinusitis, pharyngitis, strep throat, throat pain, acute respiratory infection, allergic rhinitis, and upper respiratory disease
• Gastrointestinal: nausea, vomit, diarrhea, gastritis, gastroenteritis
• Neurologic: headache, syncope, convulsions
• Skin disorders: rash, psoriasis, skin eruption, impetigo, dermatitis

METHODS

• The data was from the Katy Trail Community Health Center
• The deidentified patient diagnoses are in ICD-9 and ICD-10 codes. (ICD-9 was switched to ICD-10 codes on Oct 1, 2015)
• The data was from January to December of 2015.
• The researcher used Microsoft Excel.
• The researcher has only reported the diseases that had the highest number of patients diagnosed with them.

RESULTS

• There were 49,166 patients diagnosed.
• The most identified diagnoses were: respiratory illness (5,662), tobacco use disorder (3,889), hypertension (2,759), and diabetes (2,536).
• Of the 5,662 patients with respiratory illness, the most identified diseases were throat pain (1,005) and strep throat (987).
• Of the 49,166 patients, the month of October had the highest number of patients with 8,448. However, the first week of November had the highest traffic with 22,218 patients.

CONCLUSIONS

• In future research, we will examine recent trend data and obtain patient information such as age, gender, and insurance.
• Sedalia should address how to prevent respiratory illnesses.