Healthcare Statistics and Research

[Name of the Writer]

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**Introduction**

It’s a privilege for me and my team to present our findings to the CEO of Choice hospital. For the overall performance of hospital, it is important to effectively use the database so that important decisions regarding quality improvement can be made. We would like to brief about the Healthcare Cost and Utilization Project (HCUP).

**HCUP**

HCUP is composed of software tools and relevant products designed with the help of Federal State Industry collaboration and funded by Agency for Healthcare Research and Quality (AHRQ) (Mendoza-Lattes et al., 2015). The databases of HCUP are obtained from administrative information and comprise encounter-level, clinical and non-clinical information involving complete diagnoses, processes, discharge data, patient’s backgrounds, and charges for all inpatients and outpatients irrespective of payers such as Medicaid, Medicare, private insurances, and non-insurance, starting in the year 1988.

This family of databases facilitates research on large scale of health policy issues that also include cost and standard of health care, medical procedures, access to healthcare program, and the effects of procedures at domestic, State, and local health market level. The HCUP databases depend on the effort related to gathering information of data organizations in the States that are in partnership with AHRQ.

**Selected statistic: Kid Inpatient Databased (KID)**

Kid is an inpatient databased designed for children in the United States. It provides information on the pediatric discharges of 2,500 to 4,000 hospitals of United States leading to almost two to three million unweighted discharge from hospitals for kids annually (Naranje et al., 2016). Approximately ten percent of usual newborn and 80 percent related to pediatric and other newborn stays are chosen form hospital which is included in sample (Zonfrillo et al., 2018). The database of KID comprises clinical and resource use data about a normal discharge abstract, with precautions to safeguard the privacy of all patients, healthcare practitioners, and hospitals. It is developed every three years starting in the year 1997.

**Hypothesis**

Hypothesis research objective is to measure a relationship between two elements i.e. variables. It is used to make observations, recording data, and methods of processing data

Our hypothesis is family coverage n= 4, 200 both child and at least insurance of one parent.

References

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