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**Abstract**

Title: Maternal Mortality secondary data analysis, Grand Kru County, January 2017-December 2018

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**Background**: Globally, maternal mortality is one of the leading causes of deaths among women of child bearing age. Most of these deaths are due to complications during child birth and postpartum period. There is a need to know the trend and causes of maternal mortality in Grand Kru county to ensure the institution of preventive measures. This scientific study aimed to determine the trend of maternal mortality and its causes in Grand Kru county, 2017-2018.

**Methods**: Maternal mortality records from 2017 to 2018 obtained from the health facilities were reviewed. Microsoft Excel 2010 was used to analyze the data generated. Variables analyzed were causes of maternal deaths by age, health districts, and trends by months.

**Results**:The total of 11 cases of maternal deaths were recorded from 2017 to 2018. In 2017 the most affected age group were from 20-35 years 6 (54.5%) while in 2018, 26-40 years were most affected, 3 (27.2%). In 2017, the cases were in sequence from March to December (1 case per month). In 2018, maternal deaths occur in January, February and October with January accounting for the highest 2 (50%). Five health districts reported maternal deaths in 2018 with Barclayville and Jraoh accounting for the highest. Barclayville 6 (54.5%) and Jraoh 2 (18.1%). The leading causes of deaths were Anemia 3 (27.2%), rupture uterus 2 (18.1%) and postpartum hemorrhage 2 (18.1%).

**Conclusion**: Generally, the causes of maternal deaths in Grand Kru county are potentially preventable. Early identification of high risk pregnancies during ANC and timely intervention are recommended.

**Key words**: Maternal Mortality, Hemorrhage, postpartum, and ANC.