ABSTRACT

Performance Analysis of Antenatal Care Programs Across Districts and Cities in East Kalimantan

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Background : Antenatal care performance monitoring is needed to identify service gaps and interregional disparities. East Kalimantan has diverse geographic and health-system conditions.

Objective : To analyze antenatal care program performance across districts/cities in East Kalimantan during January-June 2026.

Research Methods/ Implementation Methods : A descriptive secondary-data study analyzed aggregate Family Health Program Indicator data from 10 districts/cities. Indicators covered ultrasound services, ANC contacts, tetanus-diphtheria screening, Maternal and Child Health Book ownership, pregnancy classes, management of preeclampsia/eclampsia and hypertension, and primary health center readiness.

Results : Among 71,104 pregnant women recorded, provincial coverage was 36.45% for first-trimester ultrasound, 34.38% for third-trimester ultrasound, 30.79% for at least eight ANC contacts as recorded in the dataset, 42.00% for tetanus-diphtheria screening, 40.84% for Maternal and Child Health Book ownership, and 21.77% for at least four pregnancy classes. Balikpapan had the highest overall service coverage, whereas Mahakam Ulu had the lowest. Management reached 99.49% for preeclampsia/eclampsia and 95.29% for hypertension in pregnancy. Primary health-center readiness was 85.19% for ANC 12T capability, 82.01% for trained ANC/PNC personnel, 83.60% for trained ANC-ultrasound physicians, and 54.50% for trained maternal-neonatal emergency teams.

Conclusion/Lesson Learned : Performance was heterogeneous, with gaps between facility readiness and service coverage. District-specific management, continuity of care, emergency-team capacity, and data-quality improvement are priorities.

Keyword : antenatal care; program performance; maternal health; health services; East Kalimantan

5th MICTOPH
Mulawarman International Conference on Tropical Public Health