



MOBILE BIG DATA ANALYTICS

**Opportunity for New Statistical Insights and
Indicators for National Development**

Tuesday, 18 July, 2017

Corps Marshal's Talking Points

DEFINITIONS

○ **Big Data**

Large and varied data sets

○ **Big Data Analytics**

The process of examining large and varied data sets

○ **Benefits of Big Data Analytics**

To uncover hidden patterns, unknown correlations, market trends, customer preferences and other useful information that can help organizations make more-informed business decisions.



Road Traffic Crash Data:

Big Data analytics have provided the Corps and by implication the country, insight into the *productive age group of its manpower or workforce* currently affected by Road Traffic Injuries (RTIs) and what *forecast levels* will be if no action is taken particularly on GDP [**3%**]

Registered Motor Vehicle :

Driver Licenses and Number Plate

For planning purposes, analytics on the number of registered vehicle (currently around 12.5 million), requisition for vehicle number plates and application for National Driver's License would offer guide to government and city planners what modifications to make with regards to road infrastructural programme in the country

Traffic Defendants/Offences:

Using e-tablets and other analytics, right estimation can be made on revenues accruing to the Federation account from fines remitted through traffic offences committed

This will also assist policy formulation on trends of violation and how to address them

Driving schools:

Provides statistics on enrollment of applicants in the various driving schools in the country to avail Nigeria have a glimpse of the driver/driving needs from time to time.

Fleet Operations:

Established to address minimum safety needs by fleet operators in public mass transportation scheme in Nigeria

Big data analytics help the Corps to nexus the Road Traffic Injuries (RTIs) trends and safety compliance in the fleet operations business

Emergency Management Service:

Call Centre-122

Enhances timely deployment of post crash resources via visualized geographic positioning systems(GPS) and coordination

Thus, improving survivability of crashed victims within the golden hour and minimizing risk of severe injuries or deaths

